Jharkhand Vision and Action Plan 2021

Volume II

Operational Plan, Monitoring and Evaluation Framework and Scheme linked indicators

DEPARTMENT OF PLANNING CUM FINANCE GOVERNMENT OF JHARKHAND

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List of Abbreviations

S.No	Abbreviation	Details
1.	AABY	Aam Aadmi Bima Yojana
2.	AAI	Airport Authority of India
3.	ABL	Activity Based Learning
4.	ANC	Antenatal Care
5.	ATAL	Atal Mission for Rejuvenation and Urban Transformation
6.	BPL	Below Poverty Line
7.	CBO	Community-based Organisations
8.	CBCS	Choice-based Credit System
9.	CCE	Continuous Comprehensive Evaluation
10.	CEEP	Climate & Energy Education Programme
11.	CMP	Comprehensive Mobility Plan
12.	CNT Act	Chhotangpur Tenancy Act
13.	CoE	Centre of Excellence
14.	CPD	Continuous Professional Development
15.	CSO	Civil Society Organisations
16.	CTE	Centres for Teacher Education
17.	DAY- NRLM	Deen Dayal Antodayay Yojna- National Rural Livelihood Mission
18.	DBT	Direct Beneficiary Transfer
19.	DEIC	District Early Intervention Centers
20.	DGCA	Director General of Civil Aviation
21.	DHTE	Department of Higher and Technical Education
22.	DPMCU	Data Processing Milk Collection Unit
23.	DSW	Department of Social Welfare
24.	DoL	Department of Labour
25.	ECBC	Energy Conservation Building Code
26.	EDI	Education Development Index
27.	E-GRAS	Electronic Government Receipt Accounting system
28.	ESDM	Electronic System Design and Manufacturing
29.	FRU	First Referral Units
30.	GER	Gross Enrolment Ratio
31.	GFBC	Green Factory Building Code
32.	GPI	Gender Parity Index
33.	HSC	Health Sub Centers
34.	HWC	Health and Wellness Centers
35.	IAPPD	Integrated action plan for prevention of pneumonia and diarrhea
36.	IASE	Institute of Advance Studies in Education
37.	ICAR	Indian Council for Agriculture Research
38.	ICDS	Integrated Child Development Services
39.	IFSR	India Forest Survey Report
40.	IGNOAPS	Indira Gandhi National Old Age Pension Scheme
41.	IGNWPS	Indira Gandhi National Widow Pension Scheme
42.	IGNDPS	Indira Gandhi National Disability Pension Scheme
43.	IFFCO	Indian Farmers Fertiliser Cooperative Limited
44.	INM	Integrated Nutrient Management
45.	IVRI	Indian Veterinary Research Institute
46.	ITS	Intelligent Transport System
47.	JABV	Jharkhand Awasiya Balika Vidyalaya
48.	JFM	Joint Forest Management
49.	JBY	Janashree Bima Yojana
50.	JCERT	Jharkhand Council for Education Research and Training
51.	JHARCRAFT	Jharkhand Silk, Textile and Handicraft Development Corporation
52.	JNV	Jawahar Navodaya Vidyalaya
53.	JOHAR	Jharkhand Opportunity for Harnessing Rural Growth
54.	KGBV	Kasturba Gandhi Balika Vidyalaya
55.	KRIBHCO	Krishak Bharati Cooperative Limited
56.	KSY	Kishori Shakti Yojna
57.	LAMPS	Large Area Multi-Purpose Societies
58.	LFPR	Labour Force Participation Rate
59.	LSK	Lokshiksha Kendra

S.No	Abbreviation	Details
60.	MMGSY	Mukya Manti Gram Sadak Yojna
61.	MGNREGS	Mahatma Gandhi National Rural Employment Guarantee Scheme
62.	MFP	Minor Forest Produce
63.	MoU	Memorandum of Understanding
64.	NABARD	National Bank for Agriculture and Rural Development
65.	NAS	National Achievement Survey
66.	NCVT	National Council on Vocational Training
67.	NER	Net Enrollment Ratio
68.	NFBS	National Family Benefit Scheme
69.	NFL	National Fertilizer Ltd
70.	NLMA	National Literacy Mission Authority
71.	NRDWP	National Rural Drinking Water Programme
72.	NSAP	National Social Assistance Programme
73.	OJT	On the Job Training
74.	PACS	Primary Agriculture Credit Societies
75.	PDS	Public Distribution System
76.	PMAY	Pradhan Mantri Awas Yojna
77.	PMFBY	Pradhan Mantri Fasal Bima Yojan
78.	PMGAY	Pradhan Mantri Grameen Awaas Yojana
79.	PMGSY	Pradhan Mantri Gram Sadak Yojna
80.	PMKVY	Pradhan Mantri Kaushal Vikas Yojna
81.	PMKSY	Pradhan Mantri Krishi Sinchai Yojana
82.	PRI	Panchayati Raj Institutions
83.	PVTGs	Particularly Vulnerable Tribal Groups
84.	RGSA	Rashtriya Gram Swaraj Abhiyan
85.	RKSK	Rashtriya Kishor Swasthya Karyakaram
86.	RMSA	Rashtriya Madhyamik Shiksha Abhiyan
87.	RSBY	Rashtiya Swasthiya Bima Yojana
88.	RUSA	Rashtriya Ucchatar Shiksha Abhiyan
89.	SAIDI	System Average Interruption Duration Index
90.	SAIFI	System Average Interruption Frequency Index
91.	SAPCC	State Action Plan on Climate Change
92.	SBCC	Social and Behavior Change Communication
93.	SBM	Swach Bharat Mission
94.	SDG	Sustainable Development Goals
95.	SHGs	Self Help Groups
96.	SESM	State Education Supervision Mission
97.	EST&P	Skills Training & Placement
98.	SHAJ	State Highway Authority of Jharkhand
99.	SKJVY	Saksham Jharkhand Kaushal Vikas Yojana
100.	SLAS	State Level Assessment System
101.	SMC	School Management Committees
102.	SSA	Sarva Shiksha Abhiyan
103.	TET	Teachers Entrance Test
104.	TEQIP	Technical Education Quality Improvement Programme
105.	ToD	Transit Oriented Development
106.	ToT	Training of Trainers
107.	TSP	Training Service Providers
108.	UIP	universal immunization programme
109.	USP	Usual Principal Approach

List of Tables

Operational Plan

[Issues/sector wise set targets in the operational plan are minimum and will be revised for better ones on yearly assessment]

1. Poverty Reduction and Rural Development

Overall Goal: Reducing poverty and deprivation

Outcome Indicators

Table 1: Outcome indicators to reduce overall poverty and deprivation

Indicators	Programme	Primary Department/s	Current Scenario	FY 21	FY 25	FY 30
Total Deprived Households (Any one deprivation + automatically included)	SECC Census	Rural Department; Planning and Statistics department	54.44	Reduction by 5%	Reduction by 20%	Reduction by 50%
Human Development Index	UNDP	Rural Development Department; Agriculture Department	0.37	Among top 10 states of India	Among top 5 states of India	Among 3 states of India
Workforce participation rate	Economic Survey/ NSSO Employment-Unemployment Survey	Planning department	39.70	42	45	50

Goal: Enhancing farm and non-farm livelihoods

1.1.1. Collectivizing rural communities

Output Indicators

Table 2: Output indicators to collective rural communities

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21

Households to be collectivized into SHGs/VO/Federation (in Lakhs)	NRLM	Rural Development Department	10.3	15.12	23.25	30
Number of SHGs established	NRLM	Rural Development Department	0.85	1.21	1.86	2.4
Number of Producer groups	NRLM	Rural Development Department	100	2,000	3,000	4,000
Producer companies/ cooperatives established	NRLM	Rural Development Department	-	10	20	40
Number of SHG beneficiaries undergoing capacity building and training	NRLM	Rural Development Department	8.25	12.80	19	23.5
Number of community based service providers trained	NRLM, JOHAR, MGNREGA, CFT-cluster facilitation team component in MGNREGA/ Trainings under NRLM	Rural Development Department/ Agriculture Department	3,500	4500	5500	7,500

1.1.2. Enhancing farm based livelihoods

Outcome Indicators

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Table 3: Outcome indicators to enhance farm based livelihoods

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Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
Increase in Farmer's income[1]	Agriculture, Animal Husbandry and Cooperation	Agriculture Department	Approx. INR 59000[2]	INR 94000	INR 147500	INR 2,36,000

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[1] Jharkhand Economic Survey 2016-17

[2] Thiagu Ranganathan, "Farmers' income in India: evidence from secondary data", page: 28, 2013

1.1.3. Enhancing non-farm livelihoods

Output Indicators

Table 4: Output indicators to enhance non-farm livelihoods

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
Households brought under Livestock, Fishery, NTFP, traditional livelihood interventions (in Lakhs)	Agriculture, Animal Husbandry and Cooperation	Agriculture Department	5.5	6.75	10	15
Number of mini lac processing units, tamarind descending and brick making units set up	Pradhan Mantri Krishi Sinchayee Yojana,	Rural Development Department/ Water Resources /Agriculture Department	Mini Lac processing unit – 0 Tamarind brick making unit – 05	Mini Lac processing unit –1 Tamarind brick making unit – 10	Mini Lac processing unit – 3Tamarind brick making unit – 17	Mini Lac processing unit – 4 Tamarind brick making unit - 25

1.1.4. Integrated Natural Resource Management

Outcome Indicators

Table 5: Outcome indicators for INRM

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY30
Total area undertaken for treatment under Watershed Development (Lakh Ha)	PMKSY, MGNREGA, IWMS	Water department, Rural Development Department, Agriculture department	8.24	13.74	Not estimated	Not estimated
Irrigation potential utilized		Water Department	5.03	Improved by 60%	50% of the potential	80% of the potential

Goal: Financial Inclusion

Outcome Indicators

Table 6: Outcome indicators for financial inclusion

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
HH availing banking services (%)	PMJDY/ State level Bankers Committee	Finance Department/ All Departments related with Banking Services	47	60	80	100
Credit linkages to be provided to the number of SHGs (In Lakhs)	NRLM/ NABARD	Rural Development Department/ Financial Department	0.22	2.4	2.6	2.8

Output Indicators

Table 7: Output indicators for financial inclusion

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
Coverage of households having bank accounts (%)	PMJDY	Finance Department/ All Departments related with Banking Services	100	100	100	100
Number of women with bank accounts under PMJDY[3] (in Lakhs)	PMJDY	Rural Development Department/ Finance Department	53	63	78	98
Business Correspondent	JSLPS, SLCB	Finance Department/ Rural Development Department/ Agriculture Department	3500	2500	3000	4000
Micro insurance for all under PMJDY and PMSBY (in Lakhs)	PMJDY	Finance Department/ Rural Development Department	25	32	40	65

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[3] As captured under Jan Dhan Yojna

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
Number of Rural Bank branches to be opened	NABARD / SLBC/ Commercial Banks	Rural Dev. Dept. Planning-cum-Finance Dept/ RBI	68 (to be opened in 2017)	1540	1565	1600

Goal: Improving access to assets, basic infrastructure amenities and citizen services

1.1.5. Improving access to affordable housing and basic amenities

Outcome Indicators

Table 8: Outcome indicators for improving access to affordable housing and basic amenities

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
Percentage of rural Households with a pucca house (%)	PMGAY, MGNREGA, SECC Census	Rural Development Department	56	80	100	100
ODF villages (%)	Swachh Bharat Mission – Rural (SBM-R)	Drinking Water and Sanitation	7.69	100	100	100
Households with access to Tap Water -for drinking (%)	National Rural Drinking Water Programme (NRDWP)	Drinking Water and Sanitation	3.7	Above 10	Above 30	Above 75
% Household electrification (Rural)	Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY)/ Remote Village Electrification Programme	Department Of Energy/ Jharkhand State Electricity Board/ Jharkand Renewable Energy Agency	43	100	100	100

Output Indicators

Table 9: Output indicators for improving access to affordable housing and basic amenities

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
Capacity building of rural masons	MGNREGA, JSLPS	Rural Development Department	1000	2000	2000	2000
Rural road connectivity (km)	PMGSY	Rural Works department	32,000	38, 500	46,200	49,200

1.1.6. *Improving access to health infrastructure*

Outcome Indicators

Table 10: Outcome indicators for improving access to health infrastructure in rural areas

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
Expectation of life at birth in rural areas*		Health, Medical Education and Family Welfare	65.6	67	72	75
Infant Mortality Rate (IMR) in rural areas**		Health, Medical Education and Family Welfare	35	27	22	18
Percentage of children fully immunized (%) ***		Health, Medical Education and Family Welfare	62	100	100	100
Financial risk protection through coverage of government health insurance scheme& (%)		Health, Medical Education and Family Welfare	65% of BPL	85% of total population	100% of total population	100% of total population

Output Indicators

Table 11: Output indicators for improving access to health infrastructure in rural areas

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21

| Number of Primary Health Center (Rural) | Health, Medical Education and Family Welfare | 330 | Upgradation of existing facilities as per IPHS norms 100% |
| Number of Community Health Center (Rural) | Health, Medical Education and Family Welfare | 188 | Upgradation of existing facilities as per IPHS norms |

Goal: Provide social protection and security for all (especially the vulnerable sections)

Outcome Indicators

Table 12: Outcome indicators for social protection

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
Average days of employment provided per households (under MGNREGS)	MGNREGS	Rural Development Department	40.6	Achieve 100 days per households	Achieve 100 days per households	Achieve 100 days per households
Coverage of people eligible under NFSA (%)	NFSA	Food and Public Distribution department	95	100	100	100
Coverage under pension schemes (%)	National Social Assistance Programme (includes: Indira Gandhi National Old Age Scheme, Indira Gandhi Widow Pension Scheme, National Disability Pension Scheme)	Social Welfare department	Baseline to be established	100% of eligible households	100% of eligible households	100% of eligible households

Output Indicators

Table 13: Output indicators for social protection

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
Total households worked under MGNREGS	MGNREGA	Rural Development Department	17.43	As per requirement	As per requirement	As per requirement
Number of beneficiaries outreached through PVTG targeted interventions (%)	NRLM, several schemes of the Welfare dept.	JSLPS, Welfare Department	-	100	100	100

Goal: Enhancing literacy, skill development and entrepreneurship

Outcome Indicators

Table 14: Outcome indicator for rural literacy

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
Total literacy in rural areas (%)	KGBV, RAMSA	Department of Education	61.11	Above 70	100	100

Output Indicators

Table 15: Output indicator for skill development and entrepreneurship

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
Number of youth trained	DDUGKY	Rural Development Department	15923	31870	55773	79677
Number of micro –enterprises created	RSETI, JOHAR, SVEP, Kudumbshree	Rural Development Department- JSLPS	1164	3400	13600	34000

2. Doubling Farmers' Income

Overall Goal: Improving farmer's income

Outcome Indicators

Table 16: Outcome indicators for improving farmers' income

Indicators	Primary Department	Present Status	FY 21	FY 25	FY 30
Farmer income	Agriculture, Animal Husbandry and Cooperation	Approx. INR 59000[4]	INR 94000	INR 147500	INR 2,36000
Agriculture sector growth rate	Agriculture, Animal Husbandry and Cooperation	8.6% between 2004-05 and 2015-16	9%	9.5%	10%

Source: Jharkhand Economic Survey 2016-17

Goal: Improving crop productivity

Outcome Indicators

Table 17: Outcome indicators for improving productivity

	Indicators	Programme	Primary Department	Present Status	FY 21	FY 25	FY 30
Productivity (MT/Ha)	Paddy	NFSM RKVY	Agriculture, Animal Husbandry and Cooperation	1.62 (2015-16)	2.9	3.5	4.5
	Wheat	NFSM RKVY	Agriculture, Animal Husbandry and Cooperation	1.84 (2015-16)	2.2	2.62	4.2
	Maize	NFSM RKVY	Agriculture, Animal Husbandry and Cooperation	1.7 (2015-16)	2.2	3.2	6
	Pulses	NFSM RKVY	Agriculture, Animal Husbandry and Cooperation	0.90 (2015-16)	1.2	1.7	2.4

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[4] Thiagu Ranganathan, "Farmers' income in India: evidence from secondary data", page: 28, 2013

Oilseeds	NFSM RKVY	Agriculture, Animal Husbandry and Cooperation	0.77 (2015-16)	1.32	1.86	2.8
Fruits	NHM	Agriculture, Animal Husbandry and Cooperation	10.54 (2014-15)	15	20	28
Vegetables	NHM	Agriculture, Animal Husbandry and Cooperation	13.53 (2014-15)	19	24	28
Irrigation potential utilized (lakh ha)	• *Pradhan Krishi Sichai Yojana* • MGNREGA	Agriculture, Animal Husbandry and Cooperation Water Resources Rural Development	5.03[5]	Improved by 60%	50% of the potential	80% of the potential

Source: Annual Plan 2017-18, Department of Agriculture, Animal Husbandry & Cooperation and Indian Horticulture Database, National Horticulture Board

Output Indicators

Table 18: Output indicators for increasing crop productivity

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Seed Replacement Rate (%)	• Exchange & Distribution of Crop Seed on Subsidy • Seed production on SAF • Jharkhand Krishi Card Scheme • NFSM • RKVY • Sub-mission on seeds and planting material (SMSP) under NMAET • Development and Strengthening of Infrastructure Facilities for Production and Distribution of Quality Seeds	Agriculture, Animal Husbandry and Cooperation	15 (2014-15)	16	17	18
Fertilizer usage (kg/ha)		Agriculture, Animal	92 (2014-15)	100	108	115

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[5] Annual Plan 2016-17, Department of Planning cum Finance, GoJ

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
		Husbandry and Cooperation				
Cropping Intensity (%)	- MIDH - RKVY - NMOOP - Double cropping rice fallow scheme - Conversion of fallow land into cropped area - Establishment of Kitchen garden - Promotion of vegetable cultivation - Promotion of turmeric and ginger cultivation - Promotion of oilseeds cultivation	Agriculture, Animal Husbandry and Cooperation	126 (2014-15)	129	132	135
Farm Power (kw/ha)	- Establishment of farm equipment bank - Distribution of solar pumpsets	Agriculture, Animal Husbandry and Cooperation	0.75 (2014-15)	1.04	1.5	1.84
Land reclamation (lakh ha)	- JASMIN provides training to farmers on soil reclamation, waste land and fallow land management etc. - Reclamation of waste land	Agriculture, Animal Husbandry and Cooperation	-	1.5	3	4
Construction of Dobha	Rain water harvesting through construction of Dobha	Agriculture, Animal Husbandry and Cooperation				
Construction of Check dams	Check dam schemes under AIBP (Accelerated Irrigation Benefit Programme)	Water Resource	1376[6] (till 2017)	87	Yet not finalized by department	Yet not finalized by department
Soil health card distributed	National Mission on Sustainable Agriculture (NMSA)	Agriculture, Animal	35,646[7]	25,00,000	750000	750000

[6] Department of Water Resource
[7] Annual Report 2015-16, Department of Agriculture, Animal Husbandry and Cooperation, GoJ

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
		Husbandry and Cooperation				
Natural Organic Agriculture Farming (in ha)	• *Parampragat Kheti Vikas Yojana*, sub scheme under NMSA • Promotion of bio fertilizer production	Agriculture, Animal Husbandry and Cooperation	30363.73[8]	60000	80000	100000
Total area under Crop insurance, divided by the total area of operational holdings	*Pradhan Mantri Fasal Bima Yojana*	Agriculture, Animal Husbandry and Cooperation	3.73 lakh ha (2016-17)[9]	10%	20%	30%
Conversion fallow land to cultivable land (lakh ha)	*Vishesh Fasal Yoja na*	Agriculture, Animal Husbandry and Cooperation		1	2.5	4
Area under Paddy (lakh ha)	RKVY NFSM	Agriculture, Animal Husbandry and Cooperation	16.07(2015)[10]	17.70	18.00	18.20
Production of Paddy (lakh MT)	RKVY NFSM	Agriculture, Animal Husbandry and Cooperation	34.56 (2015-16)	71.47	72.72	73.70
Area under Wheat (lakh ha)	RKVY NFSM	Agriculture, Animal Husbandry and Cooperation	1.48 (2015-16)	2.43	2.45	2.5

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[8] Source: Lok Sabha Unstarred Question No. 369, Dated on 26.04.2016.
[9] Department of Agriculture, Animal Husbandry and cooperation
[10] All data of crops area & production is taken from Planning & Development Annual Report 2016-17, Govt. of Jharkhand

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Production of Wheat (lakh MT)	RKVY NFSM	Agriculture, Animal Husbandry and Cooperation	2.87(2015-16)	6.08	6.15	6.3
Area under Maize (lakh ha)	RKVY NFSM	Agriculture, Animal Husbandry and Cooperation	2.75(2015-16)	3.405	3.48	3.59
Production of Maize (lakh MT)	RKVY NFSM	Agriculture, Animal Husbandry and Cooperation	4.13(2015-16)	7.305	7.44	7.85
Pulses Area (in lakh Ha)	RKVY NFSM ISOPOM	Agriculture, Animal Husbandry and Cooperation	3.25(2015-16)	10.01	10.40	10.72
Pulses Production (in lakh MT)	RKVY NFSM ISOPOM	Agriculture, Animal Husbandry and Cooperation	2.67(2015-16)	12.27	12.705	13.094
Oilseeds Area (in lakh Ha)	RKVY NFSM ISOPOM	Agriculture, Animal Husbandry and Cooperation	0.31(2015-16)	4.55	4.835	4.91
Oilseeds Production (in lakh MT)	RKVY NFSM ISOPOM	Agriculture, Animal Husbandry and Cooperation	0.28(2015-16)	4.05	4.30	4.43
Area under vegetable cultivation (lakh ha)	MIDH	Agriculture, Animal	2.12 (2016-17)[11]	2.33	2.56	2.76

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[11] Data of area & production of horticultural crops is taken from Department of Agriculture, Animal Husbandry and Cooperation

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
		Husbandry and Cooperation				
Vegetable Production (in lakh MT)	MIDH	Agriculture, Animal Husbandry and Cooperation	28.17 (2016-17)	30.98	34.07	37.47
Area under fruits cultivation (lakh ha)	MIDH	Agriculture, Animal Husbandry and Cooperation	0.91(2016-17)	1.00	1.10	1.20
Fruits Production (in lakh MT)	MIDH	Agriculture, Animal Husbandry and Cooperation	9.82(1016-17)	10.79	11.86	13.04
Area under flower cultivation ('000 ha)	MIDH	Agriculture, Animal Husbandry and Cooperation	0.42(2016-17)	0.52	0.67	0.70
Flowers Production (in lakh MT)	MIDH	Agriculture, Animal Husbandry and Cooperation	1.63 (2016-17)	1.78	1.88	3.88
Mushroom production (in MT)	MIDH	Agriculture, Animal Husbandry and Cooperation		400	600	800
Honey Production (in MT)	MIDH	Agriculture, Animal Husbandry and Cooperation	1200 (2014-15)	1500	2000	2500

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Recruitment of Bagwan Mitra	NHM	Agriculture, Animal Husbandry and Cooperation		5000	8000	10000
Capacity building of extension functionaries/staff (coverage in nos.)	NMAET	Agriculture, Animal Husbandry and Cooperation		600	900	1200
Capacity building of extension progressive farmers (coverage in nos.)	NMAET	Agriculture, Animal Husbandry and Cooperation		11660	12700	14000

Source: Annual Plan 2017-18, Department of Agriculture, Animal Husbandry & Cooperation

Goal: Improving animal productivity

Outcome Indicators

Table 19: Outcome indicators for improving animal productivity

	Indicators	Programme	Primary Department	Present Status	FY 21	FY 25	FY 30
Productivity	Milk (Kg/day/animal)	• Breed improvement and productivity enhancement programme • *Rashtriya Gokul Mission* • Strengthening of AI Centres in the State (Frozen Semen Bank)	Agriculture, Animal Husbandry and Cooperation	1.59	2.25	2.6	5
	Goat Meat (Kg/animal)	• Goat Development Plan • Establishment of Goat breeding unit • Strengthening of Institute of Animal Health & Production	Agriculture, Animal Husbandry and Cooperation	8.64	8.7	10	13.5

| Egg (number/bird) | • Commercial Layer Farming
• Feed Subsidy Programme
• Distribution of Low input layer bird | Agriculture, Animal Husbandry and Cooperation | 95.1 | 115 | 200 | 220 |
| Inland fish Productivity(MT/ha/year) | • Reclamation and development of Tank Fisheries
• Development of Reservoir Fisheries | Agriculture, Animal Husbandry and Cooperation | 0.87 | 1.28 | 2.2 | 3.6 |

Source: Annual Plan 2017-18, Department of Agriculture, Animal Husbandry & Cooperation

Output Indicators

Table 20: Output indicators for improving animal productivity

Indicators	Primary Department	Present Status 2014-15	FY 19	FY 20	FY 21
Milk Production (lakh MT)	Agriculture, Animal Husbandry and Cooperation	18.12	20.69	21.72	22.81
Meat Production (thousand MT)	Agriculture, Animal Husbandry and Cooperation	47.86	69.12	75.14	100
Egg production (in lakh)	Agriculture, Animal Husbandry and Cooperation	4663.17	7500	8500	10000
Induction of cross/improved breed milch animal to BPL women/sakhi mandals	Agriculture, Animal Husbandry and Cooperation	-	10,000	20,000	30,000
Establishment of Bulk Milk Coolers (nos.)	Agriculture, Animal Husbandry and Cooperation	49[12] (April 2017)	130	180	256

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[12] Department of Agriculture, Animal Husbandry and Cooperation

Bulk Milk Cooler (Lakh ltr per day)	Agriculture, Animal Husbandry and Cooperation	1.17[13]	2.6	3.6	5.1
Fish Seed Production (in crores)	Agriculture, Animal Husbandry and Cooperation	147[14]	1000	1500	1800
Target oriented Area Expansion & Coverage for Aquaculture (in ha.)	Agriculture, Animal Husbandry and Cooperation	95000	120000	125000	130000
Construction of new fish seed hatcheries (nos.)	Agriculture, Animal Husbandry and Cooperation	-	60	120	185

Source: Annual Plan 2017-18, Department of Agriculture, Animal Husbandry & Cooperation

Goal: Agricultural Marketing

Outcome Indicators

<p align="center">Table 21: Outcome indicators for agricultural marketing</p>

Indicator	Programme	Primary Department	Present scenario	FY 21	FY 25	FY 30
Agri storage capacity (lakh MT)		Agriculture, Animal Husbandry and Cooperation	2.95	6	12	17.5
Cold Storage Capacity (lakh MT)	• Scheme of Cold Chain, Value Addition and Preservation Infrastructure, MoFPI • MIDH	Agriculture, Animal Husbandry and Cooperation	2.22	3	7	10.0
Level of food processing (in percentage)	Jharkhand Food Processing Industry Policy 2015	Department of Industries, Mines & Geology	Not Available	10	26	30

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[13] Department of Agriculture, Animal Husbandry and Cooperation
[14] FY2015-16

Source: Agriculture Statistics at a Glance 2015

Output indicators

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Table 22: Output indicators for agricultural marketing

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Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Policy formulation for warehouses & cold storages		Agriculture, Animal Husbandry and Cooperation			Policy roll out	
Setting up of Food processing units	Jharkhand Food Processing Industry Policy 2015	Industries, Mines & Geology	170[15] (2016-17)	30	50	70

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[15] Department of Industries Mines & Geology

3. Inclusive Growth

Goal: Improving Quality of Life

Output Indicators

Table 23: Output Indicators for improving quality of life

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
% BPL Population (ST)	• Multiple schemes	Rural Development Dept. and Welfare Dept.	73	40	20	Nil
% ST HH with durable housing*	• PMAY • Shaheed Gram Yojna	Rural Development Dept. and Welfare Dept.	33	80	100	100
% PVTG HH with durable housing	• PMAY • Shaheed Gram Yojna	Rural Development Dept. and Welfare Dept.	70	90	100	100
% ST HH with access to piped drinking water	• Schemes for water supply	Department of Drinking water and sanitation	69.4	75	100	100
% ST HH with access to sanitation	• Schemes for sanitation	Department of Drinking water and sanitation	5.2	100	100	100
% ST HH with access to electricity*	• Ongoing schemes for provision of electricity	Dept. of Energy	35.10	100	100	100
% SC HH with access to drinking water	• Schemes for water supply	Department of Drinking water and sanitation	70.2	75	85	100
% SC HH with access to sanitation	• Schemes for sanitation	Department of Drinking water and sanitation	12.5	15	40	100
% ST HH with access to banking / micro finance	•		42	50	100	100

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
% BPL Population (SC)	•		40	38	30	<5
% eligible SC working population undergone skill training	•		Baseline to be established	20	50	70
% SC HH with access to banking / micro finance	•		44	50	80	100

Goal: Ensuring Delivery of Quality Education

Outcome Indicators

Table 24: Outcome Indicators for ensuring delivery of quality education

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
% of tribal population below poverty	• SCA to TSP JTELP • NRLM • Skill Development Mission • Social Security Schemes	Department of Welfare	73%	40%	20%	Nil
Number of "deprived" tribal households as per SECC			14.68 Lakh	5.0 lakh	<1.0 lakh	Nil
% scheduled caste population below poverty			40%	38%	30%	<5%

Output Indicators

Table 25: Output Indicators for improving quality of education

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
% of Total Worker to Total Population (ST)	• SCA to TSP JTELP • NRLM • Social Security Schemes	• Department of Welfare and Department of Rural Development (for livelihood / poverty reduction)	47%	48%	49%	50%
% of Total Worker to Total Population (SC)			39%	40%	41%	42%
% of main workers (ST)			22 %	22.5%	23%	23%
% of marginal workers (ST)			25%	26%	27%	27%
No of eligible ST working population undergone skill training and employed	• Skill Development Mission • Kalyan Gurukul • Kaushal Kendra	• Department of Higher and Technical Education • Department of Welfare • Department of Labour	1,000	2,000	3,000	5,000
% eligible SC working population undergone skill training			NA	10%	15%	20%
% ST HH with access to banking / micro finance*	• JTELP • NRLM	• Department of Welfare • Department of Rural Development	42%	45%	47%	50%
% SC HH with access to banking / micro finance	• NRLM	• Department of Rural Development	44%	46%	48%	50%

Goal: Improving access and quality of education

Outcome Indicators

Table 26: Outcome Indicators for improving access and quality of education

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
% ST literacy	Sakshar Bharat	Department of School Education and Literacy	57.13	65	100	100
% SC literacy			61.1	62	64	65

Output Indicators

Table 27: Output Indicators for improving access and quality of education

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
Dropout (secondary) –ST (%)	• SSA • RMSA	• Department of School Education and Literacy • Department of Welfare	79.8	60	55	<50
Dropout (secondary) - SC (%)			30.81	28	26	<25
% TSP Sub-Divisons having residential schools	• Ashram School Programme	• Department of Welfare	92	92	96	100
% Secondary schools with vocational education (under DoW)			0	20	30	40
% residential schools with state of art sports facility (under DoW)			0	20	30	40
% residential schools with ICT enablement (under DoW)			0	50	75	100

Goal: Health for All

Output Indicators

Table 28: Output Indicators for Health for All

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
% Full ANC check- up (ST)*	Ongoing interventions for public health	Department of Health and Family Welfare (DHFW)	6.6	10	20	40

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
% Institutional Delivery (ST)	Ongoing interventions for public health	DHFW	46.7	50	53	55
% Children with full immunization (ST)**	ICDS	Department of Social Welfare (DSW)	59*	62	66	70
% Stunted children (Height for age below -2SD) (ST)	ICDS	DSW	53.4	50	45	40
% Underweight children (weight for age below -2SD) (ST)	ICDS	DSW	51.1	48	45	40
% Full ANC check- up (SC)*	Ongoing interventions for public health	DHFW	3.6	8	15	40
% Institutional Delivery (SC)	Ongoing interventions for public health	DHFW	50.8	52	55	55
% Children with full immunization (SC)**	ICDS	DSW	56.8	58	65	70
% Stunted children (Height for age below -2SD) (SC)	ICDS	DSW	48.4	47	46	45
% Underweight children (weight for age below -2SD) (SC)	ICDS	DSW	43.8	42	41	40

4. Improved Urban Living

Goal 1: Access to safe drinking water supply

Outcome Indicators

Table 29: Outcome Indicators for access to safe drinking water supply

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
Per capita supply of water (lpcd)	Atal Mission for Rejuvenation and Urban Transformation ("AMRUT"), World Bank Project, State Sponsored Schemes	Department of Urban Development and Housing	39.2#	50	80	>135
Continuity of water supply in urban areas (hours)	AMRUT, World Bank Project & State Sponsored Schemes	Department of Urban Development and Housing	2.4#	4	15	24
Non-revenue water in urban areas (%)	AMRUT, World Bank Project & State Sponsored Schemes	Department of Urban Development and Housing	40.5#	35	25	<20
Households having main source of drinking water as "treated tap water"%"	AMRUT, World Bank Project & State Sponsored Schemes	Department of Urban Development & Housing	34.7**	45	80	100
*#Census 2011; ** Service Level benchmark, Dept of UD&H, GoJ 2015-16*						

Output Indicators

Table 30: Output Indicators for access to safe drinking water supply

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
HH having tap water as source of drinking (%)	AMRUT, World Bank Project & State Sponsored Schemes	Department of Urban Development and Housing	59.1**	62	65	75
Coverage of wards under water quality testing at household inlet level	AMRUT, World Bank Project & State Sponsored Schemes	Department of Urban Development and Housing	Baseline to be established	Increase by 5%	Increase by 15%	Increase by 25%
Surface/source water covered under water quality testing (%)	AMRUT, World Bank Project & State Sponsored Schemes	Department of Urban Development and Housing	Baseline to be established	Increase by 5%	Increase by 15%	Increase by 25%
*# Census 2011, **Service level Benchmark, Dept of UD & H , GoJ 2015-16*						

Goal 2: Improving urban sanitation infrastructure

Outcome Indicators

<p align="center">**Table 31: Outcome Indicators for improving urban sanitation infrastructure**</p>

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
Open defecation free (%)						
-Urban wards	Swachh Bharat Mission – Urban (SBM- U)	Department of Urban Development and Housing	67.8*	100	100	100
- ULBs	Swachh Bharat Mission – Urban (SBM- U)	Department of Urban Development and Housing	Baseline to be established	100	100	100
* SBM MIS, May 2017						

Output Indicators

<p align="center">**Table 32: Output Indicators for collection and safe disposal including re-use of treated sewage water**</p>

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
Coverage of individual household latrine (IHHL) (%)	Swachh Bharat Mission – Urban (SBM- U)	Urban Development and Housing	84.64*	100	100	100
Coverage of community toilets in urban areas (%)	Swachh Bharat Mission – Urban (SBM- U)	Urban Development and Housing	41.36*	100	100	100
Households going for open defecation (%) (U)	Swachh Bharat Mission – Urban (SBM- U)	Urban Development and Housing	17.94#	0	0	0
% of HH connected to sewer system	Swachh Bharat Mission – Urban (SBM- U)	Urban Development and Housing	14#	20	35	50

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
% HH with septic tanks	Swachh Bharat Mission – Urban (SBM- U)	Urban Development and Housing	57.93#	55	60	65

* SBM MIS, May 2017, # Census 2011

Goal 3: Universal Access to affordable housing for urban residents

Outcome Indicators

Table 33: Outcome Indicators for universal Access to affordable housing for urban residents

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
Population without pucca houses	Pradhan Mantri Awas Yojana	Department for Urban Development and Housing	2.18 lakhs	75,000	0	0

*Source: MIS July 2017 UD&HD

Output Indicators

Table 34: Output Indicators for universal Access to affordable housing for urban residents

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
No. of EWS houses constructed as a % of total housing demand projected for 2022	Pradhan Mantri Awas Yojana	Department for Urban Development and Housing	1%	20%	40%	66%

Goal 4: Urban Poverty Alleviation

Output Indicators

Table 35: Output Indicators for urban poverty alleviation

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
Cumulative number of people skilled	DAY - NULM	Department of Urban Development & Housing	100,000	135,000	205,000	300,000
% of certified skilled beneficiaries placed/self-employed	DAY-NULM	Department of Urban Development & Housing	47.82%	70%	70%	70%
% of ULB coverage with minimum one shelter for man and woman each	DAY-NULM	Department of Urban Development & Housing	27.27%	90%	100%	100%
Total number of SHGs formed	DAY-NULM	Department of Urban Development & Housing	4,554	7500	10,500	20,000

Goal 5: Universal access to good quality public transport facilities

Output Indicators

Table 36: Output Indicators for universal access to good quality public transport facilities

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
% of cities for which comprehensive mobility plan is developed	AMRUT and other State schemes	Department of Urban Development and Housing	6 cities	40%	75%	100%

Goal 6: Tackling city level pollution of ground, air, sound and water

Outcome Indicators

Table 37: Outcome Indicators for monitoring city level pollution of ground, air, sound and water

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30

| % levels of pollution comprehensive environmental index | Atal Mission for Rejuvenation and Urban Transformation (AMRUT) | Jharkhand Pollution Control Board Dept. of Urban Development & Housing Dept. | New Indicator | - | 10% reduction in index | 20% reduction in index |

Output Indicators

Table 38: Output Indicators for monitoring city level pollution of ground, air, sound and water

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
% of open spaces/green spaces as a proportion of total city space	Atal Mission for Rejuvenation and Urban Transformation (AMRUT)	Department of Urban Development and Housing	Baseline to be established	5% of urban areas to be developed as open public spaces	10% of urban areas to be developed as open public spaces	15% of urban areas to be developed as open public spaces

Goal 7: Solid Waste Collection, treatment and recycling (including safe disposal)

Outcome Indicators

Table 39: Outcome Indicators for solid waste collection, treatment and recycling

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
Cities and towns (ULBs) with scientific solid waste management practices (%)	Swachh Bharat Mission – Urban (SBM- U)	Urban Development and Housing	0*	50	100	100

SBM MIS, March 2017

Output Indicators

Table 40: Output Indicators for Solid Waste Collection, treatment and recycling

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
Household level solid waste collection in urban areas (%)	Swachh Bharat Mission – Urban (SBM- U)	Urban Development and Housing	30*	60	75	100

| Solid waste treated in urban areas (%) | Swachh Bharat Mission – Urban (SBM- U) | Urban Development and Housing | <6* | 20 | 50 | 70 |

* SBM MIS, May 2017

5. Access to Quality Education

School Education

Overall Goal: Improving quality of education and promoting equity

Outcome Indicators

Table 41: Outcome Indicators for quality of education and promoting equity

Indicators	Programme	Primary Department	Present Status	FY 21	FY 25	FY 30
Total Literacy (Percentage)		DSEL	67.6	85	100	100
EDI – Primary	SSA	DSEL	0.476	0.550	0.800	1
EDI – Elementary	SSA	DSEL	0.485	0.500	0.800	1
NAS – Class III	SSA	DSEL	49	54	59	65
NAS – Class V	SSA	DSEL	47	51	56	62
NAS – Class VIII	SSA	DSEL	50	55	61	67
SLAS – Secondary	RMSA	DSEL	New indicator	55	60	65

Output Indicators

Table 42: Output Indicators for quality of education and promoting equity

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Total Literacy (Percentage)		DSEL	67.6	75	80	85
PTR (Primary)	SSA	DSEL	27	30	30	30
PTR (UP)	SSA	DSEL	17	40	35	30
PTR (Secondary)	RMSA	DSEL	62	45	35	45
PTR (H.Sec)	RMSA	DSEL	78	50	40	50
% Teachers trained	SSA / RMSA	DSEL	83	100	100	100

% Secondary schools with ICT	RMSA	DSEL	22	70	100	70

Goal: Improving Access and Infrastructure

Output Indicators

Table 43: Output Indicators for Outcome Indicators for Improving Access and Infrastructure

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Upgradation of 203 KGBVs upto class 12 and increasing intake capacity upto 350 seats	KGBV	DSEL	New indicator	70%	100%	100%
Upgrading upper primary schools to secondary schools with all basic services as per norms	RMSA	DSEL	New indicator	20%	50%	100%
Upgrading secondary schools to higher secondary schools with all basic services as per norms	RMSA	DSEL	New indicator	50%	100%	100%

Goal: Improving Enrollment and reducing Dropout

Output Indicators

Table 44: Output Indicators for Improving Enrollment and reducing Dropout

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Net Enrollment Ratio (NER) - Elementary	SSA	DSEL	99.72	100	100	100
Net Enrollment Ratio (NER) - Secondary	RMSA	DSEL	49.61	60	80	100
Net Enrollment Ratio (NER) - Higher Secondary)	RMSA	DSEL	28.43	40	60	100
Dropout Rate - Elementary	SSA	DSEL	5.50	3	0	3
Dropout Rate - Secondary	RMSA	DSEL	22.50	20	12	20
Dropout Rate – Higher Secondary	RMSA	DSEL	2.50	0	0	0

% SMCs and SDMCs trained	SSA / RMSA	DSEL	100%	100%	100%	100%

Higher and Technical Education

Overall Goal for Higher and Technical Education

Outcome Indicators

Table 45: Outcome Indicators for Higher and Technical Education

Indicators	Programme	Primary Department	Present Status	FY 21	FY 25	FY 30
GER	NA	DHTE	15.5	18	25	35
% HEIs NAAC Accredited	NA	DHTE	1	20	70	100

Goal: Improving Quality of Higher and Technical Education

Outcome Indicators

Table 46: Outcome Indicators for improving Quality of Higher and Technical Education

Indicators	Programme	Primary Department	Present Status	FY 21	FY 25	FY 30
% HEIs NAAC Accredited	NA	DHTE	1	20	70	100

Output Indicators

Table 47: Output Indicators for improving Quality of Higher and Technical Education

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Total number of Colleges per Lakh Population	NA	DHTE	9	12	20	12
Number of engineering colleges	NA	DHTE	14	22	35	22
Number of polytechnic colleges	NA	DHTE	32	40	55	40

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Pupil-Teacher Ratio	NA	DHTE	48	45	40	45
% General Higher Education Institutions with CBCS compliant courses	NA	DHTE	NA	50	100	50
% Technical Education Institutions with CBCS compliant courses	NA	DHTE	NA	100	100	100
% Higher / Technical Education Institutions (HEI) ICT enabled	NA	DHTE	New indicator	50	100	50
% Higher / Technical Education Institutions upgraded with research facilities	NA	DHTE	New indicator	30	100	30
Setting up Centres of Excellence (CoE)	RUSA	DHTE	1	5	10	5
% Faculty covered through Continuous Professional Development (CPD)	RUSA	DHTE	New indicator	30	80	30

Goal: Increasing Enrollment and reducing Dropout

Outcome Indicators

Table 48: Outcome Indicators for increasing Enrollment and reducing Dropout

Indicators	Programme	Primary Department	Present Status	FY 21	FY 25	FY 30
Gross Enrolment Ratio (All Groups)	NA	DHTE	15.5	18	25	35

Output Indicators

Table 49: Output Indicators for Increasing Enrollment and reducing Dropout

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
GER (Scheduled Castes)	NA	DHTE	11.9	15	20	30
GER (Scheduled Tribes)	NA	DHTE	10.5	14	19	30
Gender Parity Index	NA	DHTE	0.92	0.95	0.97	1

6. Skilled Workforce and Growing Entrepreneurship

Skill Development

Overall Goal: Improvement in Employability

Outcome Indicators

Table 50: Outcome Indicators for improvement in Employability

Indicators	Programme	Primary Department	Present Status	FY 21	FY 25	FY 30
Labour Force Participation Rate	Not Applicable	JSDMS & Department of Labour, Employment and Training (DoLET)	48.9	50	55	70
Female – Labour Force Participation Rate	Not Applicable	JSDMS & DoLET	15.6	25	50	70
Unemployment Rate	Not Applicables	Directorate of Statistics & Evaluation	7.4%	5%	4%	3%
Growth in state GDP	Not Applicable	Directorate of Statistics & Evaluation	To be finalized subsequently	12%	12%	12%

Goal 1: Improving Scale, Access and Inclusivity

Output Indicators

Table 51: Output Indicators for improving Scale, Access and Inclusivity

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Cumulative no: of beneficiaries skill trained (inclusive of vocational education)	SJKVY, CTS, ATS and others	JSDMS, DoLET, RD, UD	1.2 lakh	4.8	8.5	11.4

Presence of Skill Training Centre in each of the 264 blocks	SJKVY, DDU-GKY and others	JSDMS, DoLET, RD, UD	New Indicator	60%	80%	100%
Proportion of girls in aggregate skill training	SJKVY, DDU-GKY and others	JSDMS, DoLET, RD, UD	New Indicator	30%	35%	40%
Proportion of marginalized / vulnerable group (SC, ST, BPL, PBTG)	SJKVY, DDU-GKY and others	JSDMS, DoLET, RD, UD	New Indicator	20%	30%	40%
Presence of Deen Dayal Upadhyay Kaushal Kendra DDU KK Mega Skill Training Centre (MSTC)[16] / Centre of Excellence (CoE) in each of the 24 districts	SJKVY, DDU-GKY and others	JSDMS	45%	60%	80%	100%

Goal 2: Alignment to National Standards and Initiatives

Output Indicators

Table 52: Output Indicators for alignment to National Standards and Initiatives

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Percentage of skill training courses in compliance with NSQF	SJKVY, DDU-GKY and others	JSDMS, DoLET, RD, UD	New Indicator	80%	100%	100%
Compliance to National Quality Assurance Framework	SJKVY, DDU-GKY and others	JSDMS, DoLET, RD, UD	New Indicator	80%	100%	100%
Percentage of schools offering vocational education	RMSA	Department of Education	9%	12%	16%	20%
Percentage of skill training under Recognition of Prior Learning (RPL)	SJKVY, DDU-GKY and others	JSDMS, DoLET, RD, UD	0.6%	10%	15%	20%

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[16] Mega Skill Centers is being defined as a skill training institute with a minimum 15000 sft., with a capacity to train 5000 people per year

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
District level presence of institutions offering B.Voc	B.VOC	State Universities and Colleges	0	10%	25%	50%

Goal 3: Strengthening of Skill Eco- system

Output Indicators

Table 53: Output Indicators for strengthening of Skill Eco- system

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
District Level Skill Gap Assessment	Not Applicable	JSDMS	No	Yes	Yes	Yes
Number of Qualified Training Service Providers Empanelled	Not Applicable	JSDMS	82	100	110	120
Number of Institution for Training of Trainers	Not Applicable	JSDMS	New Indicator	1	2	3
Percentage of skill training operating through Labour Market Information System (LMIS)	Not Applicable	JSDMS and other departments	New Indicator	100%	100%	100%

Goal 4: Promotion of Entrepreneurship Development

Output Indicators

Table 54: Output Indicators for promotion of Entrepreneurship Development

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Number of Incubation Centres	Not Applicable	JSDMS	New Indicator	3	10	24
Entrepreneurship Hubs	Not Applicable	JSDMS	0	1	1	1

Vocational Education

Goal 1: Improving Scale, Access and Inclusivity

Output Indicators

Table 55: Output Indicators for improving Scale, Access and Inclusivity

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Total number of ITIs	Not Applicable	DoLET	59	100	150	200
Presence of ITI in each of the 264 blocks	Not Applicable	DoLET	22%	35%	50%	65%
Proportion of girls in aggregate skill training in ITIs	Not Applicable	DoLET	New Indicator	30%	35%	40%
Proportion of marginalized / vulnerable group (SC, ST, BPL, PBTG)	Not Applicable	DoLET	New Indicator	30%	35%	40%

Goal 2: Enhancing Quality

Output Indicators

Table 56: Output Indicators for enhancing quality

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Accreditation of ITIs to NCVT	Not Applicable	DoLET	20%	50%	80%	100%
Student Pupil Ratio	Not Applicable	DoLET	36	30	25	21
Total number of Model ITIs	Not Applicable	DoLET	NIL	8	16	24
Total Number of Centre of Excellence (CoEs)	Not Applicable	DoLET	4	6	8	10

Goal 3: Engagement with Industry

Output Indicators

Table 57: Output Indicators for Engagement with Industry

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Apprenticeship Ratio	Not Applicable	DoLET	New Indicator	50%	80%	100%
Coverage of Flexi MoUs in all the ITIs	Not Applicable	DoLET	New Indicator	50%	80%	100%

7. Universal, Affordable and Quality Healthcare Services

Overall Goal: Improve life expectancy and sex ratio

Outcome Indicators

Table 58: Outcome Indicators for Improve life expectancy and sex ratio

Indicators	Present Status	FY 21	FY 25	FY 30
Life Expectancy at Birth	68.3*	> 69	> 73	> 75
Birth Rate	23.8**	22	20	15
Sex Ratio at Birth	902**	919	940	>960
Child Sex Ratio	948***	956	970	>980

*HFW statistics report 2015, **SRS 2015, ***Census 2011*

Goal 1: Improve reproductive, maternal and child health

Outcome Indicators

Table 59: Outcome Indicators for improvement of reproductive, maternal and child health

Indicators	Programme	Primary Department	Present Status	FY 21	FY 25	FY 30
Maternal Mortality Ratio (MMR)	RMNCH+A	Health, Medical Education and Family Welfare	208*	<175	<120	<90
Total Fertility Rate	RMNCH+A	Health, Medical Education and Family Welfare	2.6**	2.5	2.2	<2.1

Still Birth Rate	RMNCH+A/JSSK	Health, Medical Education and Family Welfare	1**	<1	<1	<1
Neonatal Mortality Rate (NMR)	RMNCH+A/RBSK/IMNCI/IYCF/HBNC/NSSK	Health, Medical Education and Family Welfare	23**	21	17	10
Infant Mortality Rate (IMR)	RMNCH+A/RBSK/IMNCI/IYCF/HBNC/NSSK/RI	Health, Medical Education and Family Welfare	32**	25	22	18
Under 5 mortality rate (U5MR)	RMNCH+A/RBSK/IMNCI/IYCF/HBNC/NSSK/RI	Health, Medical Education and Family Welfare	39**	32	24	15

* SRS 2014, **SRS 2015

Output Indicators

<div align="center">

Table 60: Output Indicators for improvement of reproductive, maternal and child health

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Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
ANC registration within 1st trimester (%)	RMNCH+A	Health, Medical Education and Family Welfare	52*	54	58	62
Full ANC check-up (%)	RMNCH+A	Health, Medical Education and Family Welfare	8*	11	15	20
Pregnant women age 15-49 years anemic <11g/dl (%)	RMNCH+A	Health, Medical Education and Family Welfare	62.6*	60	55	50

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Institutional Delivery (%)	RMNCH+A/JSSK	Health, Medical Education and Family Welfare	61.9*	64	67	70
Post-natal check-up (within 48 hrs. of delivery) %	RMNCH+A	Health, Medical Education and Family Welfare	44.4*	48	53	60
Total Unmet Need (%)	RMNCH+A	Health, Medical Education and Family Welfare	18.4*	18	17.5	17
Couple Protection Rate – Modern method (%)	RMNCH+A	Health, Medical Education and Family Welfare	43.7	47	50	54
Women aged 20-24 married before 18 years of age (%)	RMNCH+A	Health, Medical Education and Family Welfare	38.0*	37	36	35
Women aged 15-19 years who were already mothers or pregnant (%)	RMNCH+A	Health, Medical Education and Family Welfare	12*	11	11	11
Children (0-5 years) Severely Malnourished (Weight for height - 3 SD) (%)	RMNCH+A/NRC/MTC	Health, Medical Education and Family Welfare	11.4*	11	10	8
Low birth weight <2.5 Kg (%)	RMNCH+A /ICDS	Women and Child Development	14.7**	14	13	12
Full Immunization (12-23 months) (%)	RMNCH+A/RI	Health, Medical Education and Family Welfare	61.9*	64	67	70
Prevalence of Sickle Cell Anemia among children		Welfare Department	To be established	Reduction by 10%	Reduction by 40%	Reduction by >90%

*NFHS 4, **RSOC 2013-14

Goal 2: Improve nutritional status of children, adolescents and women

Outcome Indicators

Table 61: Outcome Indicators for Improvement of nutritional status of children, adolescents and women

Indicators	Programme	Primary Department	Present Status*	FY 21	FY 25	FY 30
Children under 5 years who are underweight (weight-for-age) (%)	Integrated Child Development Scheme (ICDS)	Women and Child Development	47.8	42	20	< 10
Children under 5 years who are stunted (weight-for-age) (%)	ICDS	Women and Child Development	45.3	40	20	< 10
Girls aged 15 -18 with Body Mass Index less than 18.5) (%)	SABALA / Kishori Shakti Yojana/RKSK	Women and Child Development	43.3	40	15	< 5
Women of 15 – 49 years of age with low BMI (%)		Women and Child Development	31.5	25	< 10	< 10

*NFHS 4

Output Indicators

Table 62: Output Indicators for improvement of nutritional status of children, adolescents and women

Indicators	Programme	Primary Department	Present Status*	FY 19	FY 20	FY 21
Early initiation of breastfeeding (within 1 hour of birth) (%)	RMNCH+A /JSSK/IYCF ICDS	Health, Medical Education and Family Welfare	33.3	40	48	55

Indicators	Programme	Primary Department	Present Status*	FY 19	FY 20	FY 21
Children on exclusive breastfeeding (up to 5 months) (%)	ICDS/IYCF	Women and Child Development	64.8	66	68	75
Children aged 6 -8 months who were fed complementary foods (%)	ICDS/IYCF	Women and Child Development	47.2	48	49	55
Children age 6-59 months who are anemic (< 11 g/dl) (%)	ICDS/IYCF	Women and Child Development	69.9	65	60	55
Prevalence of anemia among girls aged 10 -17 years (%)	SABALA / Kishori Shakti Yojana/RKSK	Women and Child Development	83.1	80	75	70
All women age 15-49 years who are anemic <11g/dl (%)		Women and Child Development	65.2	63	60	55

*NFHS 4

Goal 3: Reduction of prevalence of communicable diseases

Outcome Indicators

<p align="center">**Table 63: Outcome Indicators for Reduction of prevalence of communicable diseases**</p>

Indicators	Programme	Primary Department	Present Status	FY 21	FY 25	FY 30
Adult HIV Prevalence Rate	National AIDS Control Program (NACP)	Health, Medical Education and Family Welfare	0.19*	0.14	0.12	<0.10
Tuberculosis: Total Incidence Rate (per lakh)	RNTCP	Health, Medical Education and Family Welfare	82*	65	20	<5
Tuberculosis Mortality Among Notified Cases (%):	RNTCP	Health, Medical Education and Family Welfare	4*	3	2	<1

Indicators	Programme	Primary Department	Present Status	FY 21	FY 25	FY 30
Notified TB cases with documented HIV positive (%):	RNTCP	Health, Medical Education and Family Welfare	0.8*	0.5	0.3	<0.1
Micro-filarial Rate	NVBDCP IDSP	Health, Medical Education and Family Welfare	1*	<1	<0.5	0
JE Mortality per 1000 cases	NVBDCP IDSP	Health, Medical Education and Family Welfare	42*	32	20	<10
Kala-Azar Incidence per 10,000 Population	NVBDCP IDSP	Health, Medical Education and Family Welfare	2.29*	<1	0	0
Leprosy Prevalence Rate per 10,000 Population	NLEP	Health, Medical Education and Family Welfare	1.26*	<1	<0.5	0
Grade-2 Disability per Million Population due to leprosy	NLEP	Health, Medical Education and Family Welfare	2.14*	<1	<0.5	0

*NACO Annual report 2015-16, State TB Division reports 2015, State MIS report 2015

Output Indicators

Table 64: Output Indicators for Reduction of prevalence of communicable diseases

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Malaria API	NVBDCP / IDSP	Health, Medical Education and Family Welfare	3.78*	3	2.5	2
Tuberculosis Treatment Success Rate of Notified Cases (%):	RNTCP	Health, Medical Education and Family Welfare	88**	88.5	89	90
MDR TB cases with recurrent TB (%):	RNTCP	Health, Medical Education and Family Welfare	5.4**	5	4.5	4

*State MIS report 2015, **State TB division report 2015

Goal 4: Reduction in prevalence of non-communicable diseases

Outcome Indicators

Table 65: Outcome Indicators for Reduction in prevalence of non-communicable diseases

Indicators	Programme	Primary Department	Present Status*	FY 21	FY 25	FY 30
Prevalence of Diabetes >140mg/dl (%) Men: Women:	NPCDCS	Health, Medical Education and Family Welfare	 7.7 4.9	Reduction by 10%	Reduction by 25%	Reduction by >50%
Prevalence of Hypertension [Systolic 140-159 / Diastolic 90-99 mm of Hg] (%) – Men: Women:	NPCDCS	Health, Medical Education and Family Welfare	 9.3 5.9	Reduction by 10%	Reduction by 25%	Reduction by >50%
Prevalence of Common Cancer (%)	NPCDCS	Health, Medical Education and Family Welfare	Baseline to be established	Reduction by 10%	Reduction by 25%	Reduction by >50%
Prevalence of Mental Disorder (%)	NMHP	Health, Medical Education and Family Welfare	Baseline to be established	Reduction by 10%	Reduction by 25%	Reduction by >50%
Prevalence of Tobacco (%) - Men: Women:	NTCP	Health, Medical Education and Family Welfare	 48.6 5.8	Reduction by 10%	Reduction by 25%	Reduction by >50%
Premature mortality from non-communicable diseases (%)	NPCDCS	Health, Medical Education and Family Welfare	26	20	14	8

*NFHS 4

Output Indicators

Table 66: Output Indicators for Reduction in prevalence of non-communicable diseases

Indicators	Programme	Primary Department	Present Status*	FY 19	FY 20	FY 21
Eligible people screened for early detection of Diabetes, Hypertension and Common Cancer (%)	National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Stroke (NPCDCS)	Health, Medical Education and Family Welfare	Baseline to be established	10%	15%	20%
Rate of consumption of tobacco (%)	NTCP	Health, Medical Education and Family Welfare	30	28	26	25

*NFHS 4

Goal 5: Improve health financing and increase financial risk protection

Outcome Indicators

Table 67: Outcome Indicators for Improve health financing and increase financial risk protection

Indicators	Programme	Primary Department	Present Status*	FY 21	FY 25	FY 30
Financial risk protection through coverage of government health insurance scheme (RSBY and MMSBY) - BPL+ Those with annual income below Rs. 72,000 (%)		Health, Medical Education and Family Welfare	65% of BPL	85% for BPL	100% for All	100 for All

*State MIS data 2015

Output Indicators

Table 68: Output Indicators for Improve health financing and increase financial risk protection

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Health Expenditure as a part of State GDP (%)		Government of Jharkhand	0.69*	>0.75	>0.8	>1
Health budget as a part of State budget (%)		Government of Jharkhand	5.75**	>5.8	>5.9	6

*State Economic Survey 2015-16, Annual Plan report Govt of Jharkhand 2016-17

Goal 6: Improve health infrastructure and human resource

Outcome Indicators

Table 69: Outcome Indicators for improvement of health infrastructure and human resource

Indicators	Programme	Primary Department	Present Status*	FY 21	FY 25	FY 30
Bed to population ratio in Govt. facilities		Health, Medical Education and Family Welfare	1:3000	1:2000	1:1500	1:1000
Doctor population ratio per 1000 population		Health, Medical Education and Family Welfare	< 0.7	<0.5	<o.7	<0.85

*National Health Profile 2016 (CBHI)

Output Indicators

Table 70: Outcome indicators for improvement of health infrastructure and human resource

Indicators	Programme	Primary Department	Present Status*	FY 19	FY 20	FY 21
Sub Center			3958	Upgradation of existing facilities as per IPHS norms		
Primary Health Center (Rural)			330	Upgradation of existing facilities as per IPHS norms		
Primary Health Center (Urban)			46	50	55	59

Indicators	Programme	Primary Department	Present Status*	FY 19	FY 20	FY 21
Community Health Center (Rural)			188	Upgradation of existing facilities as per IPHS norms		
Community Health Center (Urban)			4	-	5	6
Number of doctors (MBBS) graduating every year		Health, Medical Education and Family Welfare	350	350	350	350
Number of nurses (ANM & GNM) graduating every year		Health, Medical Education and Family Welfare	390	-	-	1020
Medical Colleges		Health, Medical Education and Family Welfare	3	-	-	4
Dental Colleges		Health, Medical Education and Family Welfare	1	-	1	1
Ayurveda Colleges		Health, Medical Education and Family Welfare	1	-	-	1 (upto PG level and fully functional)
Homeopathy Colleges		Health, Medical Education and Family Welfare	1	-	-	1 (upto PG level and fully functional)
Unani colleges		Health, Medical Education and Family Welfare	1	-	-	1 (upto PG level and fully functional)
GNM schools		Health, Medical Education and Family Welfare	3	4	7	8
ANM schools		Health, Medical Education and Family Welfare	9	10	12	15

* RHS 2016, State PIP 2016-17

8. Enabling Access to Energy

Goal: To ensure reliable, cost effective and sustainable access to energy for all

Outcome Indicators

Table 71: Outcome Indicator to ensure reliable, cost effective, and sustainable access to energy for all

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
Installed capacity (MW)	State generation plan	Energy Department	2,231	8,010	11,603	17,900
Per capita consumption (kWh)	-	Energy Department	612	822	1,480	2,045
Renewable generation capacity mix (% of total capacity)	-	Energy Department	0.96%	28%	29%	30%
Competitive electricity tariffs	-	Energy Department	Top 10 states	Top 8 states	Top 3 states	Top state
Energy intensity	-	Energy Department	N/A	0.27	0.20	0.11
Industrial energy intensity	-	Energy Department	N/A	0.45	0.40	0.33

Output Indicators

Table 72: Output Indicator to ensure reliable, cost effective, and sustainable access to energy for all

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
% Household electrification (Urban)	24x7 Power for All and UDAY	Energy Department	97%	100%	100%	100%
% Household electrification (Rural)	24x7 Power for All, Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY), Rajeev Gandhi Grameen Vidyutikaran Yojana (RGGVY), Atal Gram Jyoti Yojana, UDAY, State Rural Electrification Plan, Tilka Manjhi Krishi Pump Yojana	Energy Department	43%	75%	90%	100%
Average daily hours of supply (Urban)	24x7 Power for All and UDAY, Restructured Accelerated Power	Energy Department	21	22	24	24

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
	Development and Reform Program (RAPDRP), Integrated Power Development Scheme (IPDS)					
Average daily hours of supply (Rural)	24x7 Power for All and UDAY, Restructured Accelerated Power Development and Reform Program (RAPDRP), Integrated Power Development Scheme (IPDS)	Energy Department	16	20	22	24
AT&C losses (%)	24x7 Power for All and UDAY, Restructured Accelerated Power Development and Reform Program (RAPDRP), Integrated Power Development Scheme (IPDS)	Energy Department	32%	22%	15%	14%
T&D losses (%)	24x7 Power for All and UDAY, Restructured Accelerated Power Development and Reform Program (RAPDRP), Integrated Power Development Scheme (IPDS)	Energy Department	23%	19%	15%	14%
ACS-ARR Gap (Rs/kWh)	24x7 Power for All and UDAY	Energy Department	1.78	1.50	0.50	Nil
% Consumer metering	UDAY	Energy Department	87.5%[17]	95%	100%	100%
% Feeders metering – Rural	UDAY	Energy Department	22%	50%	100%	100%
% DTRs metering – Rural	UDAY	Energy Department	0%	50%	100%	100%
% Feeder segregation	UDAY	Energy Department	0%	50%	100%	100%
Utility reliability Indices*	Restructured Accelerated Power Development and Reform Program (RAPDRP)	Energy Department	SAIDI[18]: 1,295 min SAIFI: 26	SAIDI: 500 min SAIFI: 12	SAIDI: 300 min SAIFI: 5	SAIDI: 120 min SAIFI: 2
% of new residential, commercial and factory buildings compliant with ECBC/GFBC norms	-	Energy Department	N/A	100%	100%	100%
% of electric vehicles (personal, commercial and public)	-	Energy Department	0%	0%	1%	2%
*for 10 towns selected under RAPDRP						

[17] As per 24x7 Power for All document
[18] Monthly data for 30 towns covered under R-APDRP Part-A IT enablement scheme funded by GOI

9. Enhancing Transport Connectivity

Goal 1: Augmentation of the road network in the state

Output Indicators

Table 73: Output Indicators for augmentation of the road network in the state

Indicator	Current Status	Target for 2021	Target for 2025	Target for 2030
Road density (of Road Construction Department including SH and OPWD)/1000 sq.km	132*	165	250	400
Multi-lane SHs/OPWD (2 or more than 2 lanes) as a % of total SH-OPWD network in the state#	36.31%	45%	58%	80%

Indicator	Current Status	Target for 2018-19	Target for 2019-20	Target for 2020-21
Road density (of Road Construction Department including SH and OPWD)/1000 sq.km	132*	145	155	165
Multi-lane SHs/OPWD (2 or more than 2 lanes) as a % of total SH-OPWD network in the state#	36.22%	39%	42%	45%

*Data as provided by RCD. Total Length – 10570 km as on 01.04.2017
data as provided by RCD for FY2017. As per MoRTH data, the same is 34.03% as in FY2015

Outcome Indicators

Table 74: Outcome Indicator for augmentation of the road network in the state

Indicators	Primary Department	Present Status (km)	Target for 2018-19	Target for 2019-20	Target for 2020-21
Road Capacity creation–Single lane/intermediate lane i.e less than 2 lane	Road Construction Department	6742	Increase by 1000 Km	Increase by 800 Km	Increase by 800 Km
Road Capacity augmentation to 4 –lane	Road Construction Department	225	Increase by 65 Km	Increase by 65 Km	Increase by 70 Km
Road Capacity augmentation – to 2 lane	Road Construction Department	3603	Increase by 610 Km	Increase by 620 Km	Increase by 660 Km
Improvement of Riding Quality / Strengthening	Road Construction Department	Not Applicable	700 Km	700 Km	1100 Km

Indicators	Primary Department	Present Status (km)	Target for 2018-19	Target for 2019-20	Target for 2020-21
Construction/ reconstruction of High Level Bridges	Road Construction Department	Not Available	50 bridges to be completed	50 bridges to be completed	50 bridges to be completed
Major bridges over rivers i.e. Mayurakshi, Swarnarekha, Koyal, Damodar, Ajay, Barakar, Karo etc	Road Construction Department	Not Available	Constrn start for 5 bridges	Constrn start for 5 bridges	Constrn start for 5 bridges
Constrction of ROBs	Road Construction Department	Not Available	Constrn start for 2 ROBs	Constrn start for 2 ROBs	Constrn start for 3 ROBs
Construction completion of 7 bypasses (Deoghar, Giridih, Khunti, Chaibasa, Lohardaga, Godda, Pakur)	Road Construction Department	Not Available	-	-	Completion of construction of 7 bypasses

*It is to be noted that achievement of all the 4 activities by RCD department would lead to achieving the Key Performance Indicators of increase in road density and multi-laning of the SH-OPWD network as per the targets.

9.1.1. Enhance Rural road Connectivity to all the villages

Table 75: Outcome Indicator for enhancing rural road connectivity to all villages

Indicators	Primary Department	Present Status	Target for 2018-19	Target for 2019-20	Target for 2020-21
Rural road connectivity (PMGSY)	Rural Works department	32,000 km	38, 500 km	46200 km	49200 km

Goal 2: Enhance connectivity by rail to all the districts and coalfield/mining areas

Outcome Indicators

Table 76: Outcome Indicator to enhance connectivity by rail to all the districts and coalfield/mining areas

Indicators	Primary Department	Present Status	Target for 2018-19	Target for 2019-20	Target for 2020-21
Number of districts connected by rail network	Transport Department / Ministry of Rail	20	20	21	22
Length of broad-gauge rail network in the state	Transport Department / Ministry of Rail	2,756	2,855	2,855	3,076

Goal 3: Increase in air-connectivity within Jharkhand and with other places

Outcome Indicators

Table 77: Outcome Indicator to increase in air-connectivity within Jharkhand and with other places

Indicators	Primary Department	Present Status	Target for 2018-19	Target for 2019-20	Target for 2020-21
Number of operational domestic airports in the states*	Civil Aviation Department	1	2	4	7
Number of international airports in Jharkhand*	Civil Aviation Department	0	0	0	1
Number of CPL academy/glider training school*	Civil Aviation Department	CPL-0 Glider training-2	CPL-1 Glider training-2	CPL-1 Glider training-2	CPL-1 Glider training-3
Construction of helipad at tourist places*	Civil Aviation Department	0	2 places	Additional 3 places	Additional 2 places

*Data as obtained from the Department.

Goal 4: Setting up a road safety plan in the state

Output Indicator

Table 78: Output Indicator for setting up a road safety plan in the state

Indicator	Current Status	Target for CY 2021	Target for CY 2025	Target for CY 2030
No of road accidents (as a % of the existing level)	4932 accidents*	Reduce by 50%	Reduce by 65%	Reduce by 80%
No of fatalities due to road accidents	3027*	Reduce by 50%	Reduce by 65%	Reduce by 80%
*data as provided by Home Department to Transport Department. The status is for CY 2016.				

Output indicator as per Niti Aayog Action Plan

Table 79: Output indicator as per Niti Aayog Action Plan (road safety)

Indicator	Current Status	Target for CY 2018-19	Target for CY 2019-20	Target for 2020-21

No of road accidents (as a % of the existing level)	4932 accidents*	Reduce by 10%	Reduce by 15%	Reduce by 25%
No of fatalities due to road accidents	3027*	Reduce by 10%	Reduce by 15%	Reduce by 25%

data as provided by Home Department to Transport Department. The status is for CY 2016

Outcome Indicators

Table 80: Outcome Indicator as per Niti Aayog Action Plan (road safety)

Indicators	Primary Department	Present Status	Target for 2018-19	Target for 2019-20	Target for 2020-21
Timely compliance with directives of Supreme Court directive on road safety	Transport Department / Health Department	75%	100%	100%	100%

Goal 5: Increase urban and rural connectivity

Outcome Indicators

Table 81: Outcome Indicator for increasing urban and rural connectivity

Indicators	Primary Department	Present Status*	Target for 2018-19	Target for 2019-20	Target for 2020-21
Number of buses/permits being run for connecting major urban centers	Transport Department	1,972	2,252	2,659	3,084
Number of buses being run for connecting rural centers	Transport Department	174	250	300	350
Number of buses for providing linkage of all district headquarters with capital city of Ranchi by AC buses	Transport Department	90	120	150	170

*Data as obtained from Transport Department

Goal 6: Automation/IT enablement for issuance of permit, licenses and tax collection.

Outcome Indicators*

Table 82: Outcome Indicators for automation/IT enablement for issuance of permit, licenses and tax collection

Indicators	Primary Department	Present Status	Target for 2018-19	Target for 2019-20	Target for 2020-21
% of permits (interstate) being handled online	Transport Department	0%	60-80%	100%	100%
% of permits (intrastate) being handled online	Transport Department	0%	60-80%	100%	100%
Compliance in IT enablement/e-collection of permit fees and taxes	Transport Department	50%	100%	100%	100%

*Data as provided by the departments

Goal 7: Training of drivers (HMV/LMV) and reduction in pollution by removing unfit vehicles from Jharkhand

Outcome Indicators

Table 83: Outcome Indicators for training of drivers (HMV/LMV) and reduction in pollution by removing unfit vehicles from Jharkhand

Indicators	Primary Department	Present Status	Target for 2018-19	Target for 2019-20	Target for 2020-21
Number of HMV/LMV institutes in the state	Transport Department	HMV-1 LMV-40	HMV-1 LMV-50	HMV-3 LMV-60	HMV-7 LMV-90
No of Trainees being trained by HMV/LMV	Transport Department	HMV-900 LMV-12000	HMV-900 LMV-15000	HMV-4800 LMV-18000	HMV-8400 LMV-27000
Number of PUC/Fitment centers in the state	Transport Department	PUC-55 Fit-8	PUC-65 Fit-12	PUC-75 Fit-18	PUC-90 Fit-24
Number of Automated fitness centers in the state	Transport Department	0	1	3	5

10. Access to Safe Drinking Water and Sanitation

Goal 1: To provide safe drinking water to all

Outcome Indicators – Rural

Table 84: Outcome Indicators to provide safe drinking water to all - Rural

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
Households having main source of drinking water as "treated tap water" (%) - Rural	National Rural Drinking Water Programme (NRDWP)	Drinking Water and Sanitation	2.1#/ 30*	42	70	100
Rural population having access to minimum 40 LPCD water (%)	NRDWP	Drinking Water and Sanitation	90.9*	100	100	100
India water MIS, March/April 2017, # Census 2011						

Outcome Indicators - Urban

Table 85: Outcome Indicators to provide safe drinking water to all - Urban

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
Per capita supply of water in urban areas (lpcd)	Atal Mission for Rejuvenation and Urban Transformation ("AMRUT"), World Bank Project, State Sponsored Schemes	Department of Urban Development and Housing	39.2#	50	80	>135
Continuity of water supply in urban areas (hours)	AMRUT, World Bank Project & State Sponsored Schemes	Department of Urban Development and Housing	2.4#	4	15	24
Non-revenue water in urban areas (%)	AMRUT, World Bank Project & State Sponsored Schemes	Department of Urban Development and Housing	40.5#	35	25	<20
#Census 2011						

Output Indicators - Rural

Table 86: Output Indicators for rural-drinking water - Rural

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
Rural areas having piped water supply (%)	NRDWP	Drinking Water and Sanitation	30*	35.65	42.65	50
Household having availability of drinking water within premises (%) - Rural	NRDWP	Drinking Water and Sanitation	11.7#	15	20	25
Habitation fully covered under ground water quality testing in rural areas (%)	NRDWP	Drinking Water and Sanitation	94.1*	95	97	100
* India water MIS, March/April 2017, # Census 2011, **Service level Benchmark, Dept of UD & H , GoJ 2015-16						

Output Indicators - Urban

Table 87: Output Indicators for urban-drinking water - Urban

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
HH having tap water as source of drinking (%)	AMRUT, World Bank Project & State Sponsored Schemes	Department of Urban Development and Housing	59.1**	62	65	75
Households having main source of drinking water as "treated tap water" (%)	AMRUT, World Bank Project & State Sponsored Schemes	Department of Urban Development and Housing	34.7**	37	42	45
Coverage of wards under water quality testing at household inlet level	AMRUT, World Bank Project & State Sponsored Schemes	Department of Urban Development and Housing	Baseline to be established	Increase by 5%	Increase by 15%	Increase by 25%
Surface/source water covered under water quality testing (%)	AMRUT, World Bank Project & State Sponsored Schemes	Department of Urban Development and Housing	Baseline to be established	Increase by 5%	Increase by 15%	Increase by 25%
# Census 2011, **Service level Benchmark, Dept of UD & H , GoJ 2015-16						

Goal 2: To provide improved and sustainable sanitation for all

Outcome Indicators - Rural

Table 88: Outcome Indicators for improved and sustainable sanitation - Rural

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
Open defecation free (%)						

Villages	Swachh Bharat Mission – Rural (SBM-R)	Drinking Water and Sanitation	13.63*	100	100	100
Districts	Swachh Bharat Mission	Drinking Water and Sanitation	1*	100	100	100
Gram panchayats having solid & liquid waste management (SLWM) system (%)		Drinking Water and Sanitation	0*	30	100	100
SMB MIS , May 2017						

Outcome Indicators - Urban

Table 89: Outcome Indicators for improved and sustainable sanitation - Urban

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
Open defecation free (%)						
-Urban wards	Swachh Bharat Mission – Urban (SBM- U)	Department of Urban Development and Housing	67.80*	100	100	100
- Districts	Swachh Bharat Mission – Urban (SBM- U)	Department of Urban Development and Housing	Not Available	100	100	100
* SBM MIS, July 2017						

Output Indicators - Rural

Table 90: Output Indicators for rural- sanitation - Rural

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
Coverage of individual household latrines (IHHL) (%) – Rural	SBM-R	Drinking Water and Sanitation	52.5*	60	75	100
Households going for open defecation (%) - Rural	SBM - R	Drinking Water and Sanitation	91.7#	50	0	0
Gram Panchayat having solid and liquid waste management (SLWM) system (%)	SBM - R	Drinking Water and Sanitation	0*	10	20	30
* SBM MIS, May 2017 , # Census 2011						

Output Indicators - Urban

<p style="text-align:center">Table 91: Output Indicators for urban- sanitation - Urban</p>

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
Coverage of individual household latrine (IHHL)(%)	Swachh Bharat Mission – Urban (SBM- U)	Urban Development and Housing	84.64*	100	100	100
Coverage of public toilets in urban areas (%)	Swachh Bharat Mission – Urban (SBM-U)	Urban Development and Housing	41.36*	100	100	100
Coverage of community toilets in urban areas (%)	Swachh Bharat Mission – Urban (SBM- U)	Urban Development and Housing	26.23*	100	100	100
Households going for open defecation (%) (U)	Swachh Bharat Mission – Urban (SBM- U)	Urban Development and Housing	17.94#	0	0	0
Coverage of public toilets in urban areas (%)	Swachh Bharat Mission – Urban (SBM- U)	Urban Development and Housing	41.36*	100	100	100
% of HH having piped sewer system	Swachh Bharat Mission – Urban (SBM- U)	Urban Development and Housing	14#	20	35	50
% HH with septic tanks	Swachh Bharat Mission – Urban (SBM- U)	Urban Development and Housing	57.39#	55	60	65
* SBM MIS, March 2017, # Census 2011						

11. Women Empowerment and Child Protection

Goal 1: Better nutrition status among children, adolescents and women

Outcome Indicators

Table 92: Outcome Indicators for nutrition status among children, adolescents and women

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
Children						
Children under 5 years who are underweight (weight-for-age) (%)	ICDS	Women and Child Development and Social Security (DWCD&SS)	47.8	40	20	< 10
Children under 5 years who are severely wasted (weight-for-height) (%)	ICDS	DWCD&SS	11.4	10	< 7	< 3
Children under 5 years who are stunted (weight-for-age) (%)	ICDS	DWCD&SS	45.3	40	20	< 10
Children (3- 5 years of age) attending pre-school education (PSE) (AWC and privately run institutions) (%)	ICDS	DWCD&SS	61.4	75	90	> 95
Adolescent Girls						
Girls aged 15 -18 with Body Mass Index less than 18.5) (%)	ICDS	DWCD&SS	43.3	40	15	< 5
Women						
Women of 15 – 49 years of age with low BMI (%)	ICDS	DWCD&SS	31.5	25	< 10	< 10

Output Indicators

Table 93: Output Indicators for nutrition status among children, adolescents and women

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21

Early initiation of breastfeeding (within 1 hour of birth) (%)	ICDS/IYCF	Health, Medical Education and Family Welfare / DWCD&SS	33.3	40	48	55
Children on exclusive breastfeeding (up to 5 months) (%)	ICDS/IYCF	DWCD&SS	64.8	67	70	70
Children aged 6 -8 months who were fed complementary foods (%)	ICDS/IYCF	DWCD&SS	47.2	48	51	50
Children age 6-59 months who are anemic (< 11 g/dl) (%)	ICDS/IYCF	DWCD&SS	69.9	65	60	55
Children (3- 5 years of age) attending pre-school education (PSE) in AWC (%)	ICDS	DWCD&SS	42.5	48	53	60
Prevalence of anemia among girls aged 10 -17 years (%)	SABALA / Kishori Shakti Yojana/RKSK	Women and Child Development	83.1	80	75	70
All women age 15-49 years who are anemic <11g/dl (%)		Women and Child Development	65.2	63	60	55

Goal 2: Ensure safety of children

Outcome Indicators

Table 94: Outcome Indicators to ensure safety of children

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
Cases reported of crime committed against children	Reduction in incidences crime	Department of Home, Jail and Disaster Management	406	Decrease 10% on yearly basis	Decrease 25% on yearly basis	Decrease 50% on yearly basis
No. of cases of child trafficking		Department of Home, Jail and Disaster Management	29	Decrease 10% on yearly basis	Decrease 25% on yearly basis	Decrease 50% on yearly basis

Output indicators

Table 95: Output Indicators to ensure safety of children

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
Specialized Adoption Agency	ICPS	DWCD&SS	8	16	1 per district	1 per district

Children Home	ICPS	DWCD&SS	17	19	21	1 per district
No. of Observation Home	ICPS	DWCD&SS	10	15	20	1 per district
No. of Districts with Special Home[2]	ICPS	DWCD&SS	1	6	15	1 per divisional headquarter
No. of Places of Safety in the state[19]	ICPS	DWCD&SS	2	5	10	1 per divisional headquarter
No. of Open Shelter	ICPS	DWCD&SS	0	3	6	10
Children enrolled in 'After Care' programme (%)	ICPS	DWCD&SS	To be established	50	100	100

Goal 3: Empower women and bring gender equity

Outcome Indicator9

Table 96: Outcome Indicators to empower women and bring gender equity

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
Health						
Women who usually makes specific decisions alone or jointly with their husband about her own health care (%)	RMNCH+A	Department of Health, Medical Education and Family Welfare	To be established with NFHS 4 report	10% increase by year on year basis	10% increase by year on year basis	10% increase by year on year basis
Education						
Literacy rate among female (Census 2011)		Department of School Education	55.40	70	100	100
Workforce participation						
Labour Force Participation Rate (LFPR) - Women		Department of Labour Employment and Training	15.6	25	50	70
Unemployment Rate- (UR) - Women			12%	7.5%	5%	3%

19 A 'Place of Safety' is any place or institution, (not being a police

lockup or jail), established separately or attached to an observation home or a special home, the person in-charge of which is willing to receive and take care of the juvenile in conflict with law placed there, by order of the Board, for a period and purpose as defined in the order – Revised integrated Child Protection Scheme

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
Other aspects of women empowerment						
Girls married before 18 years of age (%)		DWCD&SS	38	25	15	< 5
Married women participate in household decisions (%)		DWCD&SS	86.6	90	>95	>95
Ever-married women who have ever experienced spousal violence (%)		DWCD&SS	34	25	15	< 2
Women owning a house and/or land (alone or jointly with others) (%)		Department of Revenue, Registration and Land Reform	49.7	60	80	>90
Assault on Women with Intent to outrage her modesty (%)		Department of Home, Jail and Disaster Management	5.2	4	2.5	< 1
Sexual Harassment (Section 354A IPC) (%)		Department of Home, Jail and Disaster Management	3.3	2.5	< 1	< 1
Kidnapping & Abduction of Women (%)		Department of Home, Jail and Disaster Management	5.7	4.5	3	< 1

Output Indicators

Table 97: Output Indicators to empower women and bring gender equity

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
Education						
Net Enrolment Ratio (Female) – Primary		Department of School Education	97.93	98	99	100
Net Enrolment Ratio - (Female) - Secondary		Department of School Education	51.32	55	62	70
Transition Rate – Female (Class V to VI)		Department of School Education	85.32	86	88	90
Transition Rate – Female (Class VIII to IX)		Department of School Education	77.66	79	82	85
Transition Rate – Female (Class X to XI)		Department of School Education	55.66	58	61	65
Annual Average Dropout Rate – Primary (Female)		Department of School Education	5.03	4	2	0

Indicators	Programme	Primary Department	Current Scenario	FY 19	FY 20	FY 21
Annual Average Dropout Rate – Elementary (Female)		Department of School Education	6.30	6	5	3
Annual Average Dropout Rate – Secondary (Female)		Department of School Education	24. 56	21	16	10
Workforce participation						
Labour Force Participation Rate (LFPR) - Women		Department of Labour Employment and Training	15.6	25	50	70
Unemployment Rate- (UR) - Women			12%	7.5%	5%	3%

Goal 4: Ensure social security to vulnerable citizens

Outcome Indicators

<div align="center">Table 98: Outcome Indicators to ensure social security to vulnerable citizens</div>

Indicators	Programme	Primary Department	Current Scenario	FY 21	FY 25	FY 30
Coverage in % of eligible target groups under social security Programmes	Pension schemes for elders, disabled, widow and others	DWCD&SS	Baseline to be established	100%	100%	100%

12. Employment- Oriented Industrial Development

Overall Goal: Creating globally competitive business environment

Outcome Indicators

Table 99: Outcome indicators for developing a globally competitive business environment in Jharkhand

Indicators	Primary Department	Present Status	FY 21	FY 25	FY 30
Share of Industry sector in GSDP at 2011-12 Constant Prices (%)	Industries, Mines & Geology	39.9 (2015-16)	42.6	43.6	46.4
Year on Year Industrial Growth Rate	Industries, Mines & Geology	11% (2015-16)	12.5	12.5	14.3
Share in Aggregate GVA in India (%)	Industries, Mines & Geology	2.29% (2013-14)	3.1	3.7	8
Gross Value Added/person engaged (INR Lakhs)	Industries, Mines & Geology	13.01(2013-14)	15.9	21.1	32.2
Ease of Doing Business Rank (2016)	Industries, Mines & Geology	7	Among the Top 5		

Goal 1: Creating employment

Outcome Indicators

Table 100: Outcome indicators for creating employment

Indicators	Primary Department	Present Status	FY 21	FY 25	FY 30
No. of factories	Industries, Mines & Geology	2688 (2013-14)	3556	4992	10126
Total Persons engaged (in Lakhs)	Industries, Mines & Geology	1.88 (2013-14)	2.50	3.51	9.43

Goal 2: Development of MSME

Outcome Indicators

Table 101: Outcome indicators for development of MSMEs

Indicators	Primary Department	Present Status	FY 21	FY 25	FY 30
No. of MSMEs (in Lakhs)	Industries, Mines & Geology	6.75	10.1	15.2	22.8
Employment in MSME (In Lakh)	Industries, Mines & Geology	12.91	19.4	29.0	43.6

Source: 4th All India Census of MSME 2006-07

Output indicators:

Table 102: Output indicators for generating employment

Indicators	Primary Department	Present Status	FY 19	FY 20	FY 21
Land bank Development	Industry, Mines & Geology	4 Industrial Area Dev Auth merged to JIADA and land is being acquired which leased through online portal periodically.	2000 Acre (new)	3000 Acre (new)	5000 Acre (new)
Number of industrial parks developed	Industry, Mines & Geology	3 in progress in Getalsud, Barhi and Ranchi	3	3	5
Number of incubation centres established	Industry, Mines & Geology	4 (2 tool rooms, 2 Entrepreneur Institutes)	7	11	15
Momentum Jharkhand Organized	Industry, Mines & Geology	One event organized		Once in two years	
Total employment generated (Direct)	Industry, Mines & Geology	21000 direct employment	70000 new	125000 new	170000 new
Grounding of projects (Measured as percentage conversion of MoU and Letter of Intent (LoIs)	Industry, Mines & Geology	10%	45%	60%	75%
Disbursements of subsidy (Crore)	Industry, Mines & Geology	106.29 (2016-17) 2016-17 for 40 units	211.20 Cr	274 Cr	310 Cr
Number of Clusters Developed	Industry, Mines & Geology	1 completed and 10 in progress	11	14	18
Number of people trained in Handicrafts & Handloom	Industry, Mines & Geology	21,000	25,000	35,000	40,000
Total area under organic mulberry production (Hectare)	Industry, Mines & Geology	9,000	9,200	9,500	9,700

Farmers engaged in Sericulture (Lakh farmers)	Industry, Mines & Geology	1.25	1.35	1.40	1.50
Total production of Silk (MT)	Industry, Mines & Geology	2630	2700	3000	3200

Goal 3: Transforming mining sector in Jharkhand, making it sustainable, investor friendly and most employable

Outcome Indicators

Table 103: Outcome Indicators for measuring sustainability, investor friendliness and employability of Jharkhand's mining sector

Indicators	Programme	Primary Department	Present Status	FY 21	FY 25	FY 30
Area of OGP to be under mining & prospecting (G3 to G1)	Upgradation and strengthening of the mineral inventory (New initiative)	Department of Industries, Mines and Geology, Government of Jharkhand	1.27%	1.60%	3.60%	10%
Implementation of sustainability reporting and transparency initiatives in all major and minor minerals mines	Roadmap for sustainable, efficient and economical mining in Jharkhand (New initiative)		JIMMS portal exists but the proposed modules to be integrated	Modules to be integrated	Modules to be integrated	Modules to be integrated
GVA in INR lakh crore of mining sector (contribution % to GSDP)	Roadmap for making Jharkhand mining industry's investment capital (New initiative)		0.21 (10.2%)	0.29 (11.9%)	0.44 (14.5%)	1.15 (17.7%)

13. Sustainable Forest Management

Overall goal: To preserve bio diversity rich environment in a balanced and sustainable manner while ensuring increase in economic contribution of forests

Outcome indicator

Table 104: Outcome indicators for sustainable forest management

Indicators	Programme	Primary Department	Present Status	FY 21	FY 25	FY 30
Environment Sustenance Indicator	New Indicator	Forest Department	New indicator	Improvement from baseline by 30%	Improvement from baseline by 50%	Improvement from baseline by 100%
State Forest Cover	NAP, Jan Van Yojana, Green India Mission	Forest Department	26261 Sq. km (2015)/32.94% of GA[20]	Resource Mapping of forests completed	District wise plan for forest development and conservation	Increase in forest cover to 33% 2 Reports published by 2030 on 'Change in the Growing stock'

Goal 1: Restoration of degraded land and biodiversity conservation

Outcome Indicators

Table 105: Outcome indicators for restoration of degraded land and biodiversity preservation

Indicators	Programme	Primary Department	Present Status	FY 21	FY 25	FY 30
Percentage of degraded forest land restored	Afforestation and Soil conservation	Forest Department	3943 thousand ha	20% restoration	50% restoration	100% restoration

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[20] Economic survey of Jharkhand 2016

	on notified forest land					
Conservation status of different Bio-diversities	Green India Mission/Stata Biodiversity Board	Forest Department	New Indicator	Cover 20% identified bio diversities	Cover 50% identified bio diversities	Cover 100% identified bio diversities

Output Indicators

Table 106: Output indicators for restoration of degraded land and biodiversity preservation

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Plantation on degraded land (Ha)	Afforestation and Soil conservation on notified forest land	Forest Department	New Indicator	9400	10100	11100
Conservation status of different Bio-diversities	Green India Mission/Stata Biodiversity Board	Forest Department	New Indicator	Finalize parameters to define health and status of each type of biodiversity	Biodiversity identification for each districts (total 24) Formulate clear use categories for each type of ecosystem and demarcate usage zones	100 % Preparation of Site health report cards

Goal 3: Wildlife Conservation

Outcome Indicator

Table 107: Outcome indicators for wildlife conservation

Indicators	Programme	Primary Department	Present Status	FY 21	FY 25	FY 30
Conservation of Tiger population	Project Tiger	Forest Department	3	4	8	17

Conservation of Elephant population	Project Elephant	Forest Department	688	Preparation of management plan for forthcoming years for elephant protected areas	Constitution of elephant habitat Conservation Cell	Reduction in losses due to man animal conflict bu 50%
Conservation of Important Bird Areas (IBA)	National Plan for Conservation of Aquatic Eco-systems	Forest Department	NA	Development of bird checklist for the state	Special team deployment to develop Udhwa Lake Bird Sanctuary	Reclamation of Gyps bengalensis (Oriental White-backed Vulture)

Output Indicators

Table 108: Output indicators for wildlife conservation

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Improvement in wildlife areas	Integrated Development of Wildlife Habitat	Forest Department	NA	Capacity building of villages in sensitive zones	Water resource development in wildlife areas	100% disturbance free core zones
Palamu Reserve improvement	Project Tiger	Forest Department		Introduction of species from outside		
Improvement in IBA	National Plan for Conservation of Aquatic Eco-systems	Forest Department	NA	Identification of IBA's and separate task force for reclamation		

Goal 2: Developing department capacity and technology integration

Outcome Indicator

Table 109: Outcome indicators for developing departmental capacity and technology integration

Indicators	Programme	Primary Department	Present Status	FY 21	FY 25	FY 30

Institutional capacity of Forest Department personnel	New Indicator	Forest Department	Vacant positions IFS (39), State forest services (84), Forest area officers (133), Forrester (737), Forest guards (3491).	100% filling of vacancies	Establishment of a State level training institute in collaboration with FRI to train staff on Forest Management, research and related activities	Evolve into fully functional Resource institute with a systematic mechanism for biennial training of forest staff of all cadres to upgrade all kinds of skills
Technology integration in forest and wildlife conservation	Modernization & IT enabled Services for Forest Offices, Digitization and Consolidation of Forest Boundary & Records	Forest Department	Computers, Other accessories, solar stations for offices	Complete technology integration in forest offices	Establishment of fully integrated GIS for forest and wildlife mapping ICT integration in all offices	Digitization of forest boundaries

Output Indicator

Table 110: Output indicators for developing departmental capacity and technology integration

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Recruitment of forest personnel		Forest Department	Vacant positions IFS (39), State forest services (84), Forest area officers (133), Forrester (737), Forest guards (3491).	30% positions filled	50% positions filled	100% positions filled
Digitization of land record	Modernization & IT enabled Services for Forest Offices,	Forest Department	Technology integration in forest and wildlife conservation	9789 villages	19574 villages	32623 villages

Digitization and Consolidation of Forest Boundary & Records

Goal 4: Increased community engagement to conserve forests

Outcome Indicator

Table 111: Outcome indicator for increasing community engagement to conserve forests

Indicators	Programme	Primary Department	Present Status	FY 21	FY 25	FY 30
Community participation in forest conservation	National afforestation Programme	Forest Department	92.80% of forest area covered under JFM	100% forest area covered Development of IEC Content in local language for community engagement	Define level of participation for all existing JFM's and train them to maintain static and dynamic inventory of found species	Establish JFM's committees covering all forest areas Capacity Building of 100 % Eco Development Committees around the Protected Areas

Output Indicator

Table 112: Output indicator for increasing community engagement to conserve forests

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Number of trainings for JFC's	National afforestation Programme	Forest Department	92.80% of forest area covered under JFM	Monthly	Quarterly	Quarterly
Area under private land forestry (Acre)	Mukhyamnatri Jan Van Yojana	Forest Department	NA	4000	4500	5000

Goal 5: Climate change adaption and mitigatio9

Outcome Indicator

Table 113: Outcome indicators for climate change adaptation

Indicators	Programme	Primary Department	Present Status	FY 21	FY 25	FY 30
Implementation of SAPCC	Jharkhand State Climate Change Action Unit	Forest Environment and Climate Change Department	NA	100 % Achievement of upgraded SAPCC	Inception of upgraded SAPCC	100 % Achievement of upgraded SAPCC
Monitoring degree of impact on climate by human activities		Forest Environment and Climate Change Department	NA	Mapping of departments undertaking initiatives which directly impact the climate	Identification of index, developing measurement systems, building baseline and fixing targets for life on land and life below water	100% achievement of targets fixed in 2022

Output Indicator

Table 114: Output indicators for climate change adaptation

Indicators	Programme	Primary Department	Present Status	FY 19	FY 20	FY 21
Intensification of SAPCC	Jharkhand State Climate Change Action Unit	Forest Environment and Climate Change Department	Development of SAPCC	Establishment of State Jharkhand State Climate Change Action Unit"	State wise action plan development	100 % Achievement of upgraded SAPCC

Monitoring and Evaluation Framework

1. Poverty Reduction and Rural Development

Table 115: Monitoring & Evaluation Framework for Poverty Reduction and Rural Development

	Indicators	Definition	Baseline	Target 2021	Target 2025	Target 2030	Data Source	Frequency	Prime Responsibility	Reporting
Overall Goal- Reducing Poverty and Deprivation	Total Deprived Households (any one deprivation+ automatically included) %	SECC census	54.44	Reduction by 5%	Reduction by 20%	Reduction by 50%	SECC census	Every decade	Statistics department	SECC census
	Human Development Index	UNDP	0.37	Among top 10 states of India	Among top 5 states of India	Among 3 states of India	UNDP	Occasional		
	Workforce participation rate	Workforce participation rate	-	42	45	50	Economic Survey/ NSSO Employment-Unemployment Survey	Occasional	Planning dept.	Employment-Unemployment Survey
Goal 1- Enhancing farm and non-farm livelihood	Households to be collectivized into SHGs/VO/Federation (in Lakhs)	No. of households collectivized into SHGs; No. of SHGs, VOs and Federations created	10.3	30	33	35	Monitoring reports under NRLM	Every Quarter	CEO-JSLPS	Quarterly Progress Reports
	Number of SHGs established (in Lakhs)	No. of new SHGs formed	0.85	2.4	2.8	2.9	Monitoring under MGNREGS/ Monitoring under NRLM	Every Quarter	CEO-JSLPS	Quarterly Progress Reports
	Number of Producer groups	No. of new Producer companies and groups	100	4000	1500	18000	Monitoring under MGNREGS/	Every Quarter	CEO-JSLPS	Quarterly Progress Reports

Indicators	Definition	Baseline	Target			Data Source	Frequency	Prime Responsibility	Reporting
			2021	2025	2030				
						Monitoring under NRLM			
Producer companies/ Cooperatives established	Number of Producer companies and cooperatives estbalished	-	40	150	200	Monitoring	Regular	Nodal officers at Rural Development Dept. and Industries Dept.	Annual report
Number of SHG beneficiaries undergoing capacity building and training (in Lakhs)	Number of SHG beneficiaries undergoing capacity building and training	8.25	23.5	27	28	Monitoring under MGNREGS/ Monitoring under NRLM	Every Quarter	CEO-JSLPS	Quarterly Progress Reports
Number of community based service providers trained	• Computed as per number of CFT personnel trained • Training of rural service providers (AKM/APS/AVM/A MM etc.)	3,500	7,500	8,250	9,000	Monitoring under MGNREGS/ Monitoring under NRLM	Six months/ Quarterly	Rural Department	MGNREGA MIS/ Quarterly Progress Reports
Increase in Farmers income (in INR)	Average Annual Income of Famers' Household, as ascertained by the National Statistical Survey	Approx. 59,000[21]	94,000	1,47,500	2,36,000	Field Surveys (NSSO)	Annual	Field Officers	Directorate of Economics and Statistics
Households brought under Livestock, Fishery, NTFP, traditional livelihood interventions (in Lakhs)	Total number of HH outreached through non-farm activities (livestock, animal husbandry, fisheries, NTFP, handloom, handicraft interventions)	5.5	15	25	30	Monitoring under JOHAR, NRLM, Directorate of Handlooms, JHARCRAFT		CEO- JSLPS, Directorate of Handlooms, Director JHARCRAFT	Progress reports of JSLPS,

[21] Thiagu Ranganathan, "Farmers' income in India: evidence from secondary data", page: 28, 2013

	Indicators	Definition	Baseline	Target 2021	Target 2025	Target 2030	Data Source	Frequency	Prime Responsibility	Reporting
	Number of mini lac processing units, tamarind descending and brick making units set up	Number of mini lac processing units, tamarind descending and brick making units set up	Mini Lac processing unit – 0 Tamarind brick making unit – 05	Mini Lac processing unit – 4 Tamarind brick making unit - 25	Mini Lac processing unit – 8 Tamarind brick making unit - 35	Mini Lac processing unit – 10 Tamarind brick making unit – 45	Monitoring under Welfare department	Regularly	JSLPS	Progress report of Welfare dept.
	Total area undertaken for treatment under Watershed Development (Lakh Ha)[22]	Total area undertaken for treatment under Watershed Development	8.24	13.74	Not estimated		Monitoring under Agriculture dept./ Monitoring under MGNREGA	Annual/ Periodical	Agriculture dept./ Rural Development Dept.	Economic Survey/ MGNREGA MIS
Goal 2- Financial Inclusion	Coverage of households having bank accounts (%)[23]	Percentage of households with bank accounts	100%	Already covered 100%			Monitoring under Jan Dhan Yojna, RBI financial inclusion, SLBCs	Regular	Department of Finance and Planning	SLCB progress report
	HH availing banking services (%)	Number of people availing any type of bank service	47[24]	60	80	100	Monitoring under Jan Dhan Yojna, RBI financial inclusion, SLBCs	Regular	Department of Finance and Planning	SLCB progress report
	Number of women with bank accounts under PMJDY[25]	Number of women having bank accounts	53	98	Aim to achieve 100% inclusion		Monitoring under Jan Dhan Yojna	Annual	Department of Finance and Planning	Annual Report

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[22] Under PMKSY and NABARD-RIDF Watershed Programme
[23] As per Institutional finance dept.
[24] Census data
[25] As captured under Jan Dhan Yojna

	Indicators	Definition	Baseline	Target 2021	Target 2025	Target 2030	Data Source	Frequency	Prime Responsibility	Reporting
	Credit linkage to SHGs (in Lakhs)	Number of SHGs that accessed credit and amount of credit accessed	0.22	2.4	2.6	2.8	Monitoring reports under NRLM	Annual	CEO-JSLPS	Progress Reports and SHG credit linkage MIS
	Business Correspondents	• Number of business correspondents engaged • Number of Panchayats covered by Business Correspondents	3500	4000	5000	6000	Monitoring under NRLM	Quarterly / Annual	CEO- JSLPS	Annual/ quarterly progress report
	Micro insurance for all under PMJDY and PMSBY (in Lakhs)	Total number of households that received micro insurance through Jan Dhan Yojna	25	65	To all Citizens		Monitoring under Jan Dhan Yojna	Annual	Department of Finance and Planning	Annual Report
	Number of new Rural Bank branches to be opened	New rural bank branches opened (govt. and pvt banks)	68 (to be opened in 2017)	1600	Will be built as per prescribed Norms		Reporting under RBI financial inclusion		Department of Finance and Planning	
Goal 3- Improving access to assets, basic infrastructure amenities and citizens	Percentage of rural Households with a pucca house (%)	No. of households as per NSSO and Census	56[26]	80	100	100	NSSO and Census	Yearly and very decade	Director, Directorate of Economics and Statistics	NSSO and Census
	Capacity building of rural masons	Number of rural masons that underwent capacity building	1000	7000	Training will take place only if required		JSLPS monitoring	Regular	JSLPS	Progress report
	Rural road connectivity	Rural road connectivity	32,000 km	49200 km	To be built as per requirement		Monitoring reports under Pradhan Mantri Gram Sadak Yojana & Chief Minister	Every Quarter	Rural Works Department (PMGSY and MMGSY)	Quarterly Progress Reports

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[26] Calculated from SECC 2011 Data [Total Rural households <minus> (758 houseless HH + 3802 living in 0 room kuccha house+ 831,580 living in 1 room kuccha house + 1,369,477 living in a 2 room kuccha house)]

Indicators	Definition	Baseline	Target 2021	Target 2025	Target 2030	Data Source	Frequency	Prime Responsibility	Reporting
						Rural Road Scheme			
ODF villages (%)	New connectivity for rural road coverage (length in Kms) ODF is the termination of fecal-oral transmission, defined by a) no visible feces found in the environment/ village; and b) every household as well as public/ community institutions using safe technology option for disposal of feces	7.69[27]	100	100	100	Monitoring reports under Swachh Bharat Mission (Gramin)	Every Month	Commissioner, SBM-G	Monthly reports under SBM-G
Households with access to Tap Water -for drinking (%)	Total number of households with access to Tap Water from a treated source-for drinking (%)	3.7	Above 10	Above 30	Above 75	Monitoring reports	Every Quarter	Drinking water and sanitation departments	Quarterly Progress Reports
% Household electrification (Rural)	Total number of electrified rural household in the state divided by total number of rural households in the State multiplied by 100	43	100	100	100	Service connection record; State population (census) data MoP / REC tracker	Monthly	Discoms (compilation by JBVNL) MoP / REC	Monthly MIS of JBVNL and Annual State Statistical database MoP / REC tracker on electrification
Expectation of Life at birth in rural areas	Average number of years that a newborn is expected to live if current mortality rates continue to apply	65.6	67	72	75	Birth and Death Records/Census	Every 10 years	State Vital Statistic division	Census

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[27] India- water MIS, March/April 2017

Indicators	Definition	Baseline	Target 2021	Target 2025	Target 2030	Data Source	Frequency	Prime Responsibility	Reporting
						Health and Family Welfare Statistics Report			
Infant Mortality Rate in rural areas	Number of deaths of infants under one year of age per 1,000 live births	35	27	22	18	HMIS	Quarterly	Child Health Division	Sample Registration Survey Report
Percentage of children fully immunized (%)	Number of beneficiaries covered under ICDS	62[28]	100	100	100	Monitoring under ICDS	Regular	Welfare Department	ICDS MIS
Financial risk protection through coverage of government health insurance schemes (%)	Coverage of RSBY and MMSBY of BPL families and those with annual income less than INR 72,000	65% of BPL	85% of total population	100% of total population		MIS	Monthly	Health dept.	Progress reports
Primary Health Center (Rural)	Number of PHCs in rural areas	330	Upgradation of existing facilities as per IPHS norms			MIS	Regular	Health dept.	Progress reports/ Annual Report
Community Health Center (Rural)	Number of CHCs in rural areas	188	Upgradation of existing facilities as per IPHS norms			MIS	Regular	Health dept.	Progress reports/ Annual Report
Average days of employment provided per household (under MGNREGS)	Number of HH who completed 100 days under MGNREGA	40.6[29]	Achieve 100 days per household			Reporting under MGNREGA	Regular	Rural Development DEpt.	MIS MGNREGA

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[28] Rapid survey on children data (2013-14) as on 2016 http://wcd.nic.in/sites/default/files/RSOC%20FACT%20SHEETS%20Final.pdf
[29] As per MGNREGA MIS 2016-17

	Indicators	Definition	Baseline	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
	Total households worked (under MGNREGS)	Number of households that worked under MGNREGS	17.43[30]	As per requirement			Reporting under MGNREGA	Regular	Rural Development DEpt.	MIS MGNREGA
	Coverage of eligible people under NFSA (%)	Number of persons received benefits under NFSA	95	100	100	100	Monitoring under NFSA	Regular	Public distribution department	NFSA MIS
	Coverage under pension schemes[31] (%)	Percentage of beneficiaries covered under pensions schemes such as AABY, JBY	Baseline to be established	30	70	100	MIS	Regular	Social welfare dept.	Progress reports
	Number of beneficiaries outreached through PVTG targeted interventions	Number of beneficiaries outreached through PVTG targeted interventions	-	100% inclusion			Monitoring	Regular	Welfare dept./ JSLPS	Progress reports/ Annual report
Enhancing literacy, skill development and entrepreneurship	Total literacy in rural areas (%)	Literacy rate	61.11[32]	70		85	100	Census	Every decade	
	Number of youth trained	Number of youth that received skill training in rural areas	15,923	79,677	1,79,677	2,79,677	Monitoring of DDUGKY and Kalyan Gurukul , JSDM	Bi-monthly	CEO- JSLPS	JSLPS MIS, Tribal Affairs progress report, JSDM MIS
	Number of micro – enterprises created	Total number of micro enterprises formed	1,164	34,000	86,000	1,00,000	Monitoring of DDUGKY and Kalyan Gurukul, JSDM	Bi-monthly	CEO- JSLPS	JSLPS MIS, Tribal Affairs progress report

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[30] As per MGNREGS MIS 2016-17
[31] Coverage under Indira Gandhi widow pension Yojna, disability pension and old-age pension yojna
[32] Census 2011

2. Doubling Farmers' Income

	Indicators	Definition	Baseline	Target			Data Source	Frequency	Prime Responsibility	Reporting
				2021	**2025**	**2030**				
Goal: **Ensure Food & Nutritional Security for all through Technological Innovation & Market Oriented Sustainable Agriculture**	Increase in the Income of Farmer's Household	Average Annual Income of Famers' Household, as ascertained by the National Statistical Survey	Approx. INR 59000[33]	INR 94000	INR 147500	INR 2,36000	Field Surveys (NSSO)	Annual	Field Officers	Directorate of Economics and Statistics
1. Outcomes: A high growth rate through high productivity & production; covering farmer risks, and reduced post-loss across the value chain	Agri GDP growth rate	Monetary Value of all Finished Goods Produced and Services carried out in the Agriculture Sector	The sector observed an average annual growth of 8.6% between 2004-05 and 2015-16[34]	9%	9.5%	10 % per annum	Field Surveys (NSSO)	Annual	Field Officers	Directorate of Economics and Statistics
	Productivity of Major Food	Paddy produced per Hectare (MT/Ha)	2.13 (2015-16)	2.9	3.5	4.5	Field survey	Annual	Field Extension Officers	District/State Agriculture, Animal Husbandry and

[33]Thiagu Ranganathan, "Farmers' income in India: evidence from secondary data", page: 28, 2013
[34] Jharkhand Economic Survey 2016-17

Crops (MT/Ha)[35]									Cooperative Department
	Wheat produced per Hectare (MT/Ha)	1.84 (2015-16)	2.2	2.62	4.2	Field survey	Annual	Field Extension Officers	District/State Agriculture, Animal Husbandry and Cooperative Department
	Pulses produced per Hectare (MT/Ha)	0.90 (2015-16)	1.2	1.7	2.4	Field survey	Annual	Field Extension Officers	District/State Agriculture, Animal Husbandry and Cooperative Department
	Oilseeds produced per Hectare (MT/Ha)	0.77 (2015-16)	1.32	1.86	2.8	Field survey	Annual	Field Extension Officers	District/State Agriculture, Animal Husbandry and Cooperative Department
	Fruits produced per Hectare (MT/Ha)	10.54 (2014-15)	15	20	28	Field survey	Annual	Field Extension Officers	District/State Agriculture, Animal Husbandry and

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[35] Baseline data source: Department of Agriculture, Animal Husbandry & Cooperation and Indian Horticulture Database, NHB

									Cooperative Department
		Vegetables Produced per Hectare (MT/Ha)	13.53 (2014-15)	19	24	28	Field survey	Annual	Field Extension Officers	District/State Agriculture, Animal Husbandry and Cooperative Department
1.1 Outputs: Organic Farming	Increase in the area covered under Organic farming	Area brought under organic certification	30363.73 ha[36]	100,000 ha	200,000	50 percent of the net sown area	Data collection from Certification agencies accredited by APEDA	Annual	Officers	Jharkhand Organic Farming Authority
1.2 Outputs: Focus on farm mechanization	Increase in the Total area under mechanized farm	Measured Area under mechanized farm	To be established in 2018	50% of net sown area	75% of net sown area	100 percent of the net sown area	Field survey	Annual	Field Extension Officers	District/State Agriculture, Animal Husbandry and Cooperative Department
1.3 Outputs :Enhance productivity of milk	Increase milk productivity	Milk produced per animal[37] (Kg/day)	1.59	2.25	2.6	5	Field survey	Annual	Field Officers	District/State Agriculture, Animal Husbandry and

[36] Source: Lok Sabha Unstarred Question No. 369, Dated on 26.04.2016.
[37] Department of Agriculture, Animal Husbandry & Cooperatives, GoJ

											Cooperative Department
1.4 Outputs: Adoption of modern aquaculture techniques	Inland Fish productivity (MT/Ha/year)	Total aquaculture production divided by the total area under aquaculture production	0.87	1.28	2.2	3.6		Field survey	Annual	Field Officers	District/State Agriculture, Animal Husbandry and Cooperative Department
1.5 Outputs: Increased area under crop insurance[38]	Increase in the area under crop insurance scheme	Total area under Crop insurance, divided by the total area of operational holdings	3.73 lakh ha[39] (2016-17)	100%	100%	100%		Field survey	Annual	Field Officers	District/State Agriculture, Animal Husbandry and Cooperative Department
1.6 Outputs: Increased Cold Storage Capacity	Increase in the Cold Storage Capacity (in Lakh MT)	Sum of all the capacities of the cold storages (in Lakh MT)	2.22[40]	3	7	10.0		Field survey	Annual	Field Officers	District/State Agriculture, Animal Husbandry and Cooperative Department

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[39] Department of Agriculture, Animal Husbandry & Cooperative, GoJ
[40] Department of Agriculture, Animal Husbandry & Cooperative, GoJ

1.7	**Increased Agricultural Storage Capacity**	Increase in the storage capacity (in Lakh MT)	Sum of all the dry storage capacities of the storages (in Lakh MT)	2.95	6	12	17.5	Field survey	Annual	Field Officers	District/State Agriculture, Animal Husbandry and Cooperative Department
1.8	**Outputs: Better post-harvest facilities**	Increase in the level of food processing (percentage of total production)	The total quantum of produce processed, as a proportion of total quantum produced	5[41]	10	26	30	Field survey	Annual	Field Officers	District/State Agriculture, Animal Husbandry and Cooperative Department

[41] Department of Industries, Mines & Geology, GoJ

3. Inclusive Growth

Table 116: Monitoring & Evaluation Framework for Welfare Department

	Indicator	Definition	Baseline 2014-15	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
Goal	Reduction in proportion of BPL population among ST	Proportion of BPL population among ST population	53% (2009-10)	40%	20%	Nil	Socio-economic Statistics of Jharkhand	Annual	Department of Planning	Report on Socio-economic Statistics
	Reduction in proportion of BPL population among SC	Proportion of BPL population among SC population	40% (2009-10)	30%	15%	Nil	Socio-economic Statistics of Jharkhand	Annual	Department of Planning	Report on Socio-economic Statistics
Outcomes	% of Total Worker to Total Population (ST)	Proportion of working population among total ST population	47%	50%	55%	60%	Socio-economic Statistics of Jharkhand	Annual	Department of Planning	Report on Socio-economic Statistics
	% of main workers (ST)	Proportion of main workers among working population (ST)	22 %	23%	26%	29%	Socio-economic Statistics of Jharkhand	Annual	Department of Planning	Report on Socio-economic Statistics
	% of marginal workers (ST)	Proportion of marginal workers among working population (ST)	25%	27%	29%	31%	Socio-economic Statistics of Jharkhand	Annual	Department of Planning	Report on Socio-economic Statistics
	% of Total Worker to Total Population (SC)	Proportion of main workers among working population (Sc)	39%	42%	50%	60%	Socio-economic Statistics of Jharkhand	Annual	Department of Planning	Report on Socio-economic Statistics
	Stunted children (Height for age below -2SD) (ST)	Proportion of stunted children out of total ST children	53.4	40	30	<5	Report of Department of Health and Family Welfare	Annual	Department of Health and Family Welfare	Report on Health Care (New)

	Indicator	Definition	Baseline 2014-15	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
	Increase in Literacy (N	% of literate ST population out of total literates	57.13%	65%	80%	100%	Department of School Education and Literacy	Annual	Department of School Education and Literacy	Annual Progress Report
Outputs	No of eligible ST working population undergone skill training and employed	No of eligible ST youth (age group 18 to 35) received skill training and employment	1,000	5,000	15,000	20,000	Department of Welfare / JTDS	Annual	Department of Welfare / JTDS	Annual Progress Report
	% ST HH with access to banking / micro finance*	Proportion of ST HH out of total ST HH with access to banking / microfinance	42%	50%	100%	100%	Department of Welfare / JTDS	Annual	Department of Welfare / JTDS	Annual Progress Report
	% eligible SC working population undergone skill training	% of eligible SC youth (age group 18 to 35) received skill training and employment	NA	20%	50%	70%	Department of Welfare / JTDS	Annual	Department of Welfare / JTDS	Annual Progress Report
	% SC HH with access to banking / micro finance	Proportion of SC HH out of total ST HH with access to banking / microfinance	44%	50%	80%	100%	Department of Welfare / JTDS	Annual	Department of Welfare / JTDS	Annual Progress Report
	% ST HH with durable housing*	Proportion of ST HH with durable (concrete) houses	**33**%	35%	55%	100%	Department of Rural Development Department of Welfare	Annual	Department of Rural Development Department of Welfare	Annual Progress Report
	% PVTG HH with durable housing	Proportion of PVTG HH with durable (concrete) houses	70%	90%	100%	100%	Department of Rural Development Department of Welfare	Annual	Department of Rural Development Department of Welfare	Annual Progress Report

Indicator	Definition	Baseline 2014-15	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
% ST HH with access to piped drinking water	Proportion of ST HH out of total ST HH with access to piped drinking water	69.4 %	75%	100%	100%	Department of Water Supply and Sanitation	Annual	Department of Water Supply and Sanitation	Annual Progress Report
% ST HH with access to sanitation	Proportion of ST HH out of total ST HH with access to IHHL	5.2%	20%	100%	100%	Department of Water Supply and Sanitation	Annual	Department of Water Supply and Sanitation	Annual Progress Report
% ST HH with access to electricity*	Proportion of ST HH out of total ST HH with electricity upto HH level through conventional or renewable energy sources	35.10%	40%	100%	100%	Department of Energy	Annual	Department of Energy	Annual Progress Report
% SC HH with access to drinking water	Proportion of SC HH out of total ST HH with access to piped drinking water	70.2%	75%	85%	100%	Department of Water Supply and Sanitation	Annual	Department of Water Supply and Sanitation	Annual Progress Report
% SC HH with access to sanitation	Proportion of ST HH out of total ST HH with access to IHHL	12.5%	15%	40%	100%	Department of Water Supply and Sanitation	Annual	Department of Water Supply and Sanitation	Annual Progress Report
% Full ANC check-up (ST)*	Proportion of pregnant women undergone full ANC check-up among eligible ST women	6.6 %	40%	60%	100%	Department of Health and Family Welfare	Annual	Department of Health and Family Welfare	Annual Progress Report
% Institutional Delivery (ST)	Proportion of institutional deliveries among total deliveries (ST)	46.7 %	55%	70%	95%	Department of Health and Family Welfare	Annual	Department of Health and Family Welfare	Annual Progress Report
% Children with full immunization (ST)**	Proportion of children with full immunization of out	59%*	70%	100%	100%	Department of Health and Family Welfare	Annual	Department of Health and Family Welfare	Annual Progress Report

Indicator	Definition	Baseline 2014-15	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
	of total children in the age group 0 -5 years								
% Full ANC check-up (SC)*	Proportion of pregnant women undergone full ANC check-up among eligible SC women	3.6%	20%	40%	100%	Department of Health and Family Welfare	Annual	Department of Health and Family Welfare	Annual Progress Report
% Institutional Delivery (SC)	Proportion of institutional deliveries among total deliveries (SC)	50.8%	55%	80	<95%	Department of Health and Family Welfare	Annual	Department of Health and Family Welfare	Annual Progress Report
% Children with full immunization (SC)**	Proportion of children with full immunization of out of total children in the age group 0 -5 years (SC)	56.8%	60%	70%	100%	Department of Health and Family Welfare	Annual	Department of Health and Family Welfare	Annual Progress Report
Dropout (secondary) rtnd	Dropout rate at secondary level (ST)	79.8	50	30	10	Department of Welfare	Annual	Department of Welfare	Annual Progress Report
Dropout (secondary) rtary	Dropout rate at secondary level (SC)	30.81	25	15	0	Department of Welfare	Annual	Department of Welfare	Annual Progress Report
% TSP blocks having HS residential schools	Proportion of TSP blocks with higher secondary residential schools out of total TSP blocks	50%	60%	80%	100%	Department of Welfare	Annual	Department of Welfare	Annual Progress Report
% Secondary schools with vocational education (under Department of Welfare)	Proportion of total schools with vocational education introduced	NA	40%	100%	100%	Department of Welfare	Annual	Department of Welfare	Annual Progress Report

Indicator	Definition	Baseline 2014-15	Target			Data Source	Frequency	Prime Responsibility	Reporting
			2021	2025	2030				
% residential schools with state of art sports facility (under Department of Welfare)	Proportion of total residential schools with sports facilities	NA	40%	100%	100%	Department of Welfare	Annual	Department of Welfare	Annual Progress Report
% residential schools with ICT enablement (under Department of Welfare)	Proportion of residential schools with ICT facilities	NA	100%	100%	100%	Department of Welfare	Annual	Department of Welfare	Annual Progress Report

4. Improved Urban Living

Table 117: Monitoring & Evaluation Framework for Improving Urban Living

	Indicator	Definition	Baseline Current status	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
Goal: Access to safe drinking water for all **Outcome:** **Ensure supply of safe drinking water for all**	Per capita supply of water in urban areas (lpcd)	Every urban person in the state will have access to water within their premises	39.2	50	80	>135	MIS	Monthly	ULBs	Census/Department MIS Portal
	Continuity of water supply in urban areas (hours)	No. of hours of water supply happening in urban areas	2.4	4	15	24	MIS	Monthly	ULBs	Census/Department MIS Portal
	Non-revenue water in urban areas (%)	Non- revenue water (NRW) is water that has been produced and is "lost" before it reaches the customer	40.5	35	25	<20	MIS	Annually	Department of Urban Development and Housing	Census/Department MIS Portal
	Households having main source of drinking water as "treated tap water" (%)	Provision of treated water through tap source connected to pipes	34.7	45	80	100	MIS	Monthly	ULBs	Census/Department MIS Portal
	Households having availability of drinking water within premises in urban areas	No. Of households having water availability within the premises	59.1	75	90	100	MIS	Monthly	ULBs/Department of Urban Development and Housing	Census/Department MIS Portal

	Indicator	Definition	Baseline Current status	2021	Target 2025	2030	Data Source		Frequency	Prime Responsibility	Reporting
Output	Coverage of wards under water quality testing at household inlet level (%)	No. of ward covered under water quality testing	Baseline to be established	Increase by 25%	Increase by 80%		All	MIS	Monthly	Department of Urban Development and Housing	Census/Department MIS Portal
	Surface/source water source level covered under water quality testing (%)	Surface/source water covered under water quality testing	Baseline to be established	Increase by 25%	Increase by 75%		All	MIS	Annually	Department of Urban Development and Housing	Department MIS Portal
Goal 2: Improved and sustainable sanitation for all **Outcome: Connection to all HH for collection and safe disposal, including re-use of treated sewage water** **Output**	ODF urban wards (%)	No. of wards where the practice of people defecating outside is eradicated	67.8	100	100	100	MIS		Monthly	Department of Urban Development and Housing	SBM MIS Dashboard
	ODF ULBs (%)	No. of ULBs where the practice of people defecating outside is eradicated	34.16	100	100	100	MIS		Monthly	Department of Urban Development and Housing	SBM MIS Dashboard
	Coverage of IHHL in urban areas (%)	No. of households with IHHL constructed in urban area	84. 64	100	100	100	MIS		Monthly	Department of Urban Development and Housing	SBM MIS Dashboard
	Households going for open defecation - Urban (%)	No. of households in urban areas go for defecation outside and not into a designated toilet	17.94	0	0	0	MIS		Monthly	Department of Urban Development and Housing	SBM MIS Dashboard

	Indicator	Definition	Baseline Current status	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
	Coverage of community toilets in urban areas (%)	Construction of community toilets	26.23	100	100	100	MIS	Monthly	Department of Urban Development and Housing	SBM MIS Dashboard
	Coverage of public toilets in urban areas (%)	Construction of public toilets	41.36	100	100	100	MIS	Monthly	Department of Housing & Urban Development	SBM MIS Dashboard
	% of households connected to piped sewer systems	Households that are connected to sewer system	14	50	55	6Than0	MIS	Monthly	Department of Urban Development and Housing	Department MIS Portal/SBM MIS
	% of households having septic tanks	households that have a septic tank	57.39	65	50	40	MIS	Monthly	Department of Urban Development and Housing	Department MIS Portal/SBM MIS
Goal 3: Providing access to affordable housing for all **Outcome: Decrease in slums and informal settlements**	without pucca house	total population which does not have a pucca house	2.18 lakhs	75,000	0	0	Survey	Annual	Department of Urban Development	Survey
Output	No. of EWS houses constructed as a % of total demand projected for 2022	% of the house demand projected for 2022 which has been constructed	1	66%	100%	100%	MIS	Monthly	Department of Urban Development	MIS Reporting

	Indicator	Definition	Baseline Current status	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
Goal 4: Urban Poverty Alleviation **Output**	% of certified skilled beneficiaries employed post training	The percentage of beneficiaries of the skilling program who have been employed	47.5%	70%	70%	70%	MIS	Monthly	Department of Urban Development & Housing	NULM MIS
	Cumulative number of people skilled	Total number of people skilled	100,000	300,000	800,000	15,00,000	MIS	Monthly	Department of Urban Development	NULM MIS
	ULB coverage with minimum one shelter for man and woman each	Construction of atleast one shelter each for men and women in each ULB	27.27%	100%	100%	100%	MIS	Monthly	Department of Urban Development & Housing	Census /NULM MIS
	Total number of SHGs formed	Total number of SHGs formed	4,554	20,000	45,000	70,000	MIS	Monthly	Department of Urban Development & Housing	Census /NULM MIS
Goal 5: Providing universal access to good quality public transportation facility **Output**	% of cities for which CMPs is developed	Proportion / number of cities for which CMPs is developed	6 cities	100%	100%	100%	MIS	Quarterly and Annual	Department of Urban Development & Housing	MIS
Goal 5: Tackling city level pollution of ground, air, sound and water **Outcome**	Comprehensive environmental pollution index	Composite index to be established and measured comprising extent of pollution wrt. sound, air, water and land	New Indicator	-	Reduction in index by 10%	Reduction in Index by 20%	By compiling data on all indices of pollution: air, sound, land and water	Every week: although air and sound pollution levels shall be monitored real time	Jharkhand State Pollution Control Board /Department of Urban Development & Housing	Urban Development Department/ Directorate of Municipal Administration equivalent

	Indicator	Definition	Baseline Current status	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
Output	% of open spaces/green spaces as a proportion of total city space	Open spaces and green spaces in the total urban area	Baseline to be established	15% of urban areas to be developed as open public spaces	15% of urban areas to be developed as open public spaces	15% of urban areas to be developed as open public spaces	MIS	Monthly	Department of Urban Development	Census/MIS
Goal 6: Ensure effective and efficient delivery of waste management services **Outcome: Progressively expand access to waste services to all**	Cities/towns (ULBs) having scientific solid waste management (SWM) system (%)	No. of cities/ULBs having systematic administration of activities that provide for the collection, source separation, storage, transportation, transfer, processing, treatment and disposal of solid waste.	0	50	100	100	MIS	Monthly	Department of Urban Development	SBM MIS
Output	Solid waste collection in urban areas (%)	Transfer of solid waste from the point of use and disposal to	30	100	100	100	MIS	Monthly	Department of Urban Development	SBM MIS

Indicator	Definition	Baseline Current status	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
	the point of treatment.								
Solid waste treated in urban areas (%)	Solid waste treatment refers to handling of waste material from generation at the source through the recovery processes to disposal.	<6	70	100	100	MIS	Monthly	Department of Urban Development	SBM MIS

5. Access to Quality Education

School Education

Table 118: Monitoring & Evaluation Framework for School Education

	Indicator	Baseline Year 2014-15	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
Goal	Literacy (%)		85	100	100	Government of India	Annual	DSEL	DSEL
	EDI – Primary	0.476 (2014-15)	0.550	0.800	1	NEUPA	Annual	NEUPA	DISE
	EDI – Elementary	0.485 (2014-15)	0.500	0.800	1	NEUPA	Annual	NEUPA	DISE
Outcomes	NAS – Class III	49 (2012-13)	54	59	65	NCERT	Periodic	NCERT	NAS Report
	NAS – Class V	47 (2015-16)	51	56	62	NCERT	Periodic	NCERT	NAS Report
	NAS – Class VIII	50 (2013-14)	55	61	67	NCERT	Periodic	NCERT	NAS Report
	SLAS – Class IX	New indicator	55	60	65	DSEL – SLAS	Annual	DSEL	SLAS Report
	Net Enrollment Ratio (NER) - Elementary	94.48	100	100	100	UDISE	Annual	NEUPA	DISE State Report Card / Flash Statistics
	Net Enrollment Ratio (NER) - Secondary	49.61	60	80	100	UDISE	Annual	NEUPA	DISE State Report Card / Flash Statistics
	Net Enrollment Ratio (NER) - Higher Secondary)	28.43	40	60	100	UDISE	Annual	NEUPA	DISE State Report Card / Flash Statistics
	Dropout Rate - Elementary	6.59	3	0	0	UDISE	Annual	NEUPA	DISE State Report Card / Flash Statistics

	Indicator	Baseline Year 2014-15	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
	Dropout Rate - Secondary	24	20	12	0	SEMIS	Annual	NEUPA	SEMIS State Report Card / Flash Statistics
	Dropout Rate – Higher Secondary	3.41	0	0	0	SEMIS	Annual	NEUPA	SEMIS State Report Card / Flash Statistics
Outputs	PTR (Primary)	35.35	30	30	30	UDISE	Annual	NEUPA	DISE State Report Card / Flash Statistics
	PTR (UP)	65.06	40	35	35	UDISE	Annual	NEUPA	DISE State Report Card / Flash Statistics
	PTR (Secondary)	69	45	35	35	SEMIS	Annual	NEUPA	SEMIS State Report Card / Flash Statistics
	PTR (H.Sec)	78	50	40	30	SEMIS	Annual	NEUPA	SEMIS State Report Card / Flash Statistics
	% Teachers trained	83	100	100	100	DSEL - eVidyavahini	Monthly	DSEL	Training Report
	% Secondary schools with ICT	22	70	100	100	DSEL - eVidyavahini	Monthly	DSEL	Monthly Progress Report
	Upgradation of 231 KGBVs up to class 12 and increasing intake capacity up to 300 seats	New indicator	70%	100%	100%	DSEL - eVidyavahini	Monthly	DSEL	Monthly Progress Report
	Upgrading upper primary schools to secondary schools with all basic services as per norms	New indicator	20%	50%	100%	DSEL - eVidyavahini	Monthly	DSEL	Monthly Progress Report
	Upgrading secondary schools to higher	New indicator	50%	100%	100%	DSEL - eVidyavahini	Monthly	DSEL	Monthly Progress Report

	Indicator	Baseline Year 2014-15	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
	secondary schools with all basic services as per norms								
	% SMCs and SDMCs trained	100%	100%	100%	100%	DSEL - eVidyavahini	Monthly	DSEL	Monthly Progress Report
	Setting up of seasonal hostels in high migration areas	NA	50	0	0	DSEL - eVidyavahini	Monthly	DSEL	Monthly Progress Report

Higher and Technical Education

Table 119: Monitoring & Evaluation Framework for Higher and Technical Education

	Indicator	Definition	Baseline Year 2014-15	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
Goal	GER	GER (General Higher Education)	15.5	18	25	35	AISHE	Annual	MHRD	AISHE Report
	% HEIs NAAC Accredited	Proportion of total HEIs (General and Technical) received NAAC Accreditation	1	20	70	100	NAAC	Annual	NAAC	Accreditation Report
Outcomes	GER (Scheduled Castes)	GER – SC	11.9	15	20	30	AISHE	Annual	MHRD	AISHE Report
	GER (Scheduled Tribes)	GER – ST	10.5	14	19	30	AISHE	Annual	MHRD	AISHE Report
	Gender Parity Index	GPI – Total	0.92	0.95	0.97	1	AISHE	Annual	MHRD	AISHE Report
Output	Total number of Colleges per Lakh Population	Total number of Colleges (general and technical) per Lakh Population	9	12	20	35	AISHE	Annual	MHRD	AISHE Report
	Number of engineering colleges	Total number of Engineering Colleges	14	22	35	50	AISHE	Annual	MHRD	AISHE Report

	Indicator	Definition	Baseline Year 2014-15	Target 2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
	Number of polytechnic colleges	Total number of Polytechnic Colleges	32	40	55	80	AISHE	Annual	MHRD	AISHE Report
	Pupil-Teacher Ratio	PTR – General Higher Education	48	45	40	30	AISHE	Annual	MHRD	AISHE Report
	% General Higher Education Institutions with CBCS compliant courses	Proportion of HEIs (GHE) with all courses CBCS compliant	NA	50	100	100	DHTE	Annual	DHTE	Annual Report
	% Technical Education Institutions with CBCS compliant courses	Proportion of HEIs (Technical) with all courses CBCS compliant	NA	100	100	100	DHTE	Annual	DHTE	Annual Report
Outputs	% Higher / Technical Education Institutions (HEI) ICT enabled	Proportion of total HEIs (General and Technical) with ICT facilities and wi-fi campus	New indicator	50	100	100	DHTE	Annual	DHTE	Annual Report
	% Higher / Technical Education Institutions upgraded with research facilities	Proportion of HEIs (General and Technical) with appropriate and adequate research facilities to facilitate action research and industry relevant research	New indicator	30	100	100	DHTE	Annual	DHTE	Annual Report
	Setting up Centres of Excellence (CoE)	Total number of Centres of Excellence set up in priority sectors / domains	1	5	10	20	DHTE	Annual	DHTE	Annual Report
	% Faculty covered through Continuous Professional	Proportion of total faculty undergone CPD annually	New indicator	30	80	100	DHTE	Annual	DHTE	Annual Report

Indicator	Definition	Baseline Year 2014-15	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
Development (CPD)									

6. *Skilled Workforce and Growing Entrepreneurship*

Table 120: Monitoring & Evaluation Framework for Developing a Skilled Workforce and Growing Entrepreneurship

	Indicator	Definition	Baseline	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
Overall Goal: Improvement in Employability and contribution to economic growth	Labour Force Participation Rate	Percent of the persons aged 15 years and above was either working or seeking work.	48.9	50	55	70	Ministry of Labour	Annual	Ministry of Labour	Annual Report
	Female – Labour Force Participation Rate	Percent of female aged 15 years and above was either working or seeking work.	15.6	25	50	70	Ministry of Labour	Annual	Ministry of Labour	Annual Report
	Unemployment Rate	No: of unemployed persons / Labour Force	7.4%	5%	4%	3%	Ministry of Labour	Annual	Ministry of Labour	Annual Report
	Growth in state GDP	Percentage increase in GDP vis a vis last year	To be finalized subsequently	12%	12%	12%	Ministry of Labour	Annual	Directorate of Statistics & Evaluation	Annual Report

Skill Development

<p align="center">**Table 121: Monitoring & Evaluation Framework for Skill Development**</p>

	Indicator	Definition	Baseline	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
Goal 1 - Improving Scale, Access and Inclusivity	Cumulative no: of beneficiaries skill trained (inclusive of vocational education)	Number of beneficiaries skilled (as per definition issues by MoSDE in the state through any of the state departments / schemes	11.4	50	100	11.4	JSDMS with support of other engaged line departments	Annual	JSDMS	Annual Report
	Presence of Skill Training Centre in each of the 264 blocks	Number of blocks having a minimum of one Skill Training Centre in / Total number of blocks	100%	100%	100%	100%	JSDMS with support of other engaged line departments	Annual	JSDMS	Annual Report
	Proportion of girls in aggregate skill training	Number of female skill trained / Total number of beneficiaries skill trained	40%	50%	50%	40%	JSDMS with support of other engaged line departments	Annual	JSDMS	Annual Report
	Proportion of marginalized / vulnerable group (SC, ST, BPL, PBTG)	Number of beneficiaries trained from vulnerable group (SC, ST, BPL, PBTG) / Total number of beneficiaries skill trained	40%	50%	50%	40%	JSDMS with support of other engaged line departments	Annual	JSDMS	Annual Report

	Indicator	Definition	Baseline	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
	Presence of Mega Skill Training Centre (MSTC) / Centre of Excellence (CoE) in each of the 24 districts	Number of districts having a MSTC or a COE / Total number of districts	100%	100%	100%	100%	JSDMS with support of other engaged line departments	Annual	JSDMS	Annual Report
Goal 2: Alignment to National Standards and Initiatives	Percentage of skill training courses in compliance with NSQF	No: of skill training courses in state compliant to NSQF / Total no: of skill training courses in state	New Indicator	100%	100%	100%	JSDMS with support of other engaged line departments	Annual	JSDMS	Annual Report
	Compliance to National Quality Assurance Framework	Implementation of NQAF framework	New Indicator	100%	100%	100%	JSDMS with support of other engaged line departments	Annual	JSDMS	Annual Report
	Percentage of schools offering vocational education	No: of schools having vocational education / Total no: of schools	9%	20%	100%	100%	JSDMS with support of other engaged line departments	Annual	JSDMS	Annual Report
	Percentage of skill training under Recognition of Prior Learning (RPL)	No: of people trained in RPL / Total number of beneficiaries skill trained	0.6%	20%	20%	20%	JSDMS with support of other engaged line departments	Annual	JSDMS	Annual Report
	District level presence of institutions offering B.Voc	Number of districts having at least one institution offerinig B.Voc /	0	50%	100%	100%	JSDMS with support of other engaged line departments	Annual	JSDMS	Annual Report

	Indicator	Definition	Baseline	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
		Total number of districts								
Goal 3: Strengthening of Skill Eco-system	District Level Skill Gap Assessment	District Level Skill Gap Assessment	No	Yes	Yes	Yes	JSDMS with support of other engaged line departments	Annual	JSDMS	Annual Report
	Number of Qualified Training Service Providers Empanelled	Number of Qualified Training Service Providers Empaneled	82	120	300	500	JSDMS with support of other engaged line departments	Annual	JSDMS	Annual Report
	Number Institution for Training of Trainers	Total number Institution for Training of Trainers	New Indicator	3	10	20	JSDMS with support of other engaged line departments	Annual	JSDMS	Annual Report
	Percentage of skill training operating through Labour Market Information System (LMIS)	Number of skill training operating through Labour Market Information System (LMIS) / Total number of beneficiaries skill trained	New Indicator	100%	100%	100%	JSDMS with support of other engaged line departments	Annual	JSDMS	Annual Report
Goal 4 – Promotion of Entrepreneurship	Number of Incubation Centres	Total number of Incubation Centres	New Indicator	24	48	96	JSDMS with support of other engaged line departments	Annual	JSDMS	Annual Report
	Entrepreneurship Hubs	Total number of Entrepreneurship Hubs	0	1	3	10	JSDMS with support of other engaged	Annual	JSDMS	Annual Report

	Indicator	Definition	Baseline		Target		Data Source	Frequency	Prime Responsibility	Reporting
			Baseline	2021	2025	2030				
							line departments			

Vocational Education

Table 122: Monitoring & Evaluation Framework for Vocational Education

	Indicator	Definition	Baseline		Target		Data Source	Frequency	Prime Responsibility	Reporting
			Baseline	2021	2025	2030				
Goal 1 - Scale, Access and Inclusivity	Total number of ITIs	Total number of ITIs	59	200	300	500	DoLET	Annual Report	DoLET	Annual Report
	Presence of ITI in each of the 264 blocks	Number of blocks having a minimum of one ITI / Total number of blocks	22%	65%	100%	100%	DoLET	Annual Report	DoLET	Annual Report
	Proportion of girls in aggregate skill training in ITIs	Number of female skill trained in ITI / Total number of beneficiaries skill trained in ITI	New Indicator	40%	50%	50%	DoLET	Annual Report	DoLET	Annual Report
	Proportion of marginalized / vulnerable group (SC, ST, BPL, PBTG)	Number of beneficiaries trained from vulnerable group (SC, ST, BPL, PBTG) in ITI / Total number of beneficiaries skill trained in ITIs	New Indicator	40%	50%	50%	DoLET	Annual Report	DoLET	Annual Report

	Indicator	Definition	Baseline		Target		Data Source	Frequency	Prime Responsibility	Reporting
			Baseline	2021	2025	2030				
Goal 2 – Enhancing Quality in Vocational Education	Accreditation of ITIs to NCVT	Percentage of ITI accredited to NCVT / Total number of ITIs	36	100%	100%	100%	DoLET	Annual Report	DoLET	Annual Report
	Student Pupil Ratio	Number of students / Number of teachers		21	21	21	DoLET	Annual Report	DoLET	Annual Report
	Total number of Model ITIs	Total number of Model ITIs	NIL	24	48	96	DoLET	Annual Report	DoLET	Annual Report
	Total Number of Centre of Excellence (CoEs)	Total Number of Centre of Excellence (CoEs)	4	10	20	30	DoLET	Annual Report	DoLET	Annual Report
Goal 3- Engagement with the industry	Apprenticeship Ratio	Number of Apprenticeship / Total number of students	New Indicator	100%	100%	100%	DoLET	Annual Report	DoLET	Annual Report
	Coverage of Flexi MoUs in all the ITIs	Number of ITIs having a minimum of one Fexi-MoU / Total number of ITIs	New Indicator	100%	100%	100%	DoLET	Annual Report	DoLET	Annual Report

7. *Universal, Affordable and Quality Healthcare Services*

Table 123: Monitoring & Evaluation Framework for Health Department

	Indicator	Definition	Baseline	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
Goal: Universal access to quality and affordable health care services.	Life Expectancy at birth	Average number of years that a newborn is expected to live if current mortality rates continue to apply	68.3	69	73	75	Birth and Death Records/Census Health and Family Welfare Statistics Report	Every 10 years	State Vital Statistic division	Census
	Birth Rate	The birth rate is the total number of live births per 1,000 of a mid-year population of the year	23.8	22	20	15	Birth records/ Sample Surveys Health and Family Welfare Statistics Report	Annual	State Vital statistics division	Sample Registration Survey Report
	Sex Ratio at birth	Number of females born per 1000 males in a given time period	902	919	940	>960	HMIS	Annual	State Vital statistics division	Sample Registration Survey Report
	Child sex ratio	Number of females per 1000 males in the age group 0–6 years	948	956	970	>980	HMIS	Every 10 years	State Vital statistics division	Census
	Insurance coverage (%age coverage)	Number of beneficiaries covered per 100 target beneficiaries	65% of BPL	85% of all	100% of all	100% of all	RSBY performance report	Annual	State labour & health department	RSBY data

	Indicator	Definition	Baseline	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
Outcomes : To reduce maternal and child morbidities and mortalities in Gujarat	Maternal Mortality Ratio (MMR)	Number of maternal deaths per 1 lakh live births[42]	208	175	120	<90	SRS	Annual	Maternal Health Division	Sample Registration Survey Report
	Still Birth Rate	Number of still births per thousand live births and still births during the year.	1	<1	<1	<1	HMIS	Annual	Maternal Health Division	Sample Registration Survey Report
	Neonatal Mortality Rate (NMR)	Number of live born babies dying within 28 completed days of life per 1,000 live births	23	21	17	10	HMIS	Quarterly	Child Health Division	Sample Registration Survey Report
	Infant Mortality Rate (IMR)	Number of deaths of infants under one year of age per 1,000 live births	32	25	22	18	HMIS	Quarterly	Child Health Division	Sample Registration Survey Report
	Under 5 Mortality Rate (U5MR)	Number of children who die before their fifth birthday per 1000 live births	39	32	24	15	HMIS	Quarterly	Child Health Division	Sample Registration Survey Report
Outputs	Institutional Delivery (%)	Number of pregnant women delivered at an institutional (public and private both) per 100 estimated deliveries of the year	61.9	70	90	>95	HMIS	Quarterly	Maternal Health Division	HMIS
	ANC registration within 1st trimester (%)	Percentage of pregnant women who used Antenatal Care (ANC) provided by skilled health personnel, for reasons related to pregnancy,	52.0	62	80	>90	HMIS	Quarterly	Maternal Health Division	e-Mamta/ NFHS

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[42] Maternal death: The death of a woman while pregnant or within 42 days of delivery or termination of pregnancy, irrespective of the duration of pregnancy and site of the delivery, from any cause related to or aggravated by the pregnancy or its management but not from accidental causes

Indicator	Definition	Baseline	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
	registered in first trimester of pregnancy								
Full ANC check-up (%)	% of pregnant women who received at least four antenatal visits, at least one tetanus toxoid (TT) injection and took iron folic acid tablets or syrup for 100 or more days	8.0	20	55	>80	HMIS	Quarterly	Maternal Health Division	e-Mamta/ NFHS
% of post-natal check-up (within 48 hours of delivery)	% of women who received post-natal care check-up done within 48 hrs of delivery	44.4	60	75	90	HMIS	Quarterly	Maternal Health Division	HMIS/ NFHS
Pregnant women age 15-49 years anaemic <11g/dl (%)		62.6	50	30	<25	HMIS	Quarterly	Maternal Health Division	HMIS/ NFHS
Children (0-5 years) Severely Malnourished (Weight for height -3 SD) (%)	Number of children under age five that fall below minus three standard deviations from the median weight for height of the WHO standard	11.4	8	4	<2	Nutritional survey reports	Quarterly	• Family Welfare Division • Nutrition Cell • WCD/ICDS	National level surveys (NFHS, DLHS, RSOC etc)/ State specific survey reports
Low Birth Weight	New born weighing less than 2,500 grams (5 pounds, 8 ounces).	14.7	12	6	<3	HMIS	Quarterly	Maternal Health Division	National level surveys

	Indicator	Definition	Baseline	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
	Full immunization (%)	% of children aged between 9 and 11 months who have been fully immunized (Child given one dose of BCG, three dosages of DPT i.e. DPT 1,2,3; three dosages of polio i.e. OPV 1,2,3 and a dosage of Measles)	61.9	70	85	>95	HMIS	Quarterly	State Immunization Officer/ Family Welfare Division	DLHS/NFHS
	Prevalence of sickle cell anemia among children		To be established	Reduction by 10%	Reduction by 40%	Reduction by >90%	HMIS	Quarterly	-	-
Outcomes: Ensure universal access to sexual and reproductive health-care services.	Total Fertility Rate (TFR)	Average number of children expected to be born per woman during her entire span of reproductive period.	2.7	2.5	2.2	<2		Annual	State FP division	Sample Registration Survey Report
Outputs	Total unmet needs (%)	Unmet need for family planning refers to fecund women who are not using contraception but who wish to postpone the next birth (spacing) or stop childbearing altogether (limiting)	18.4	17	15	10	HMIS	Annual/ biannual	State FP division	National level surveys (NFHS, DLHS, RSOC etc)/ State specific survey reports
	% of women married below age 18	Number of women married below the age of 18 per 100 married	38.0	35	30	<20		Annual/ biannual	State FP division	National level surveys (NFHS,

	Indicator	Definition	Baseline	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
		women below the age of 18								DLHS, RSOC etc)/ State specific survey reports
	Women aged 15-19 years who were already mothers or pregnant (%)		12	11	10	<8	HMIS	Quarterly	Maternal Health Division	HMIS/ NFHS
	Anaemia among adolescents 10-17 years (%)		78.5	70	55	<40	Nutritional survey report/ICDS reports	Quarterly	Adolescent Health Division/ICDS	CAB
Outcome: To end the epidemics of communicable and tropical disease	By 2030, end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases		-		-	-			Public Health Division	
	Adult HIV Prevalence Rate	An estimate of the percentage of adults (aged 15-49) living	0.19	0.14	0.12	<0.10	HIV Surveillance Report	Annual	Jharkhand State AIDS Control Society (JSACS)	HIV Surveillanc

Indicator	Definition	Baseline	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
	withHIV/AIDS. The prevalence rate is calculated by dividing the estimated number of adults living with HIV/AIDS at yearend by the total adult population at yearend.								e Report / NACO
TB Incidence Rate (per lakh)	No. of cases of tuberculosis (all forms) in a population at a given point in time per 100 000 population.	82	65	20	<5	IDSP	Annual	State TB division	IDSP
Mortality Among Notified Cases (%):		4	3	2	<1	IDSP	Annual	State TB division	IDSP
Notified TB cases with documented HIV positive (%):		0.8	0.5	0.3	<0.1	IDSP	Annual	State TB division	IDSP
Micro-filarial Rate:		1	<1	<0.5	0			State NVBDCP division	
JE Mortality per Lakh Cases		42	32	20	<10			State NVBDCP division	
Kala-Azar Incidence per 10,000 Population		2.29	<1	0	0			State NVBDCP division	
Leprosy Prevalence	Number of cases registered for	1.26	<1	<0.5	0	IDSP	Annual	State Leprosy division	IDSP

	Indicator	Definition	Baseline	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
	Rate per 10,000 Population	MDT treatment among the population in which the cases have occurred, again at a given point in time.								
	Grade-2 Disability per Million Population (Leprosy)		2.14	<1	<0.5	0	IDSP	Annual	State Leprosy division	IDSP
Output	Treatment Success Rate of Notified Cases (%)	Number of new TB cases within a specified time period divided by the size of the population initially at risk	88	90	95	>95	IDSP	Annual	State TB division	IDSP
	MDR TB cases with recurrent TB (%):		5.4	4	2	<1	IDSP	Annual	State TB division	IDSP
	Malaria: API	Annual Parasite Index: Confirmed cases of malaria during 1 year/ population under surveillance) x 1000	3.78	2	1	<1	IDSP	Annual	State NVBDCP division	IDSP
Outcome : Reduced mortality and morbidity from non - communicable diseases through preventive and	By 2030, reduce by one third premature mortality from non-communicable diseases through prevention and	-	-	-	-	-	-	-	-	-

	Indicator	Definition	Baseline	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
promotive measures	treatment and promote mental health and well-being									
	Prevalence of Diabetes >140mg/dl (%) Men: Women:	-	7.7 4.9	Reduction by 10%	Reduction by 25%	Reduction by >50%			NCD and elderly care division	
	Prevalence of Hypertension [Systolic 140-159 / Diastolic 90-99 mm of Hg] (%) Men: Women:	-	9.3 5.9	Reduction by 10%	Reduction by 25%	Reduction by >50%			NCD and elderly care division	
	Prevalence of Common Cancer (%):	-	Baseline to be established	Reduction by 10%	Reduction by 25%	Reduction by >50%			NCD and elderly care division	
	Prevalence of Mental Disorder (%):	-	Baseline to be established	Reduction by 10%	Reduction by 25%	Reduction by >50%			NCD and elderly care division	
	Prevalence of Tobacco (%)			Reduction by 10%	Reduction by 25%	Reduction by >50%				

Indicator	Definition	Baseline	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
Men:		48.6							
Women:		5.8							
Premature mortality from NCD		26	20	14	8				
Output Eligible people screened for early detection of Diabetes, Hypertension and Common Cancer (%):	-	Baseline to be established	20%	>55%	>80%			NCD and elderly care division	
Outcome: Improve the healthcare infrastructure, medical education, and health care financing Bed to population ratio in Govt Facility	-	1:3000	1:2000	1:1500	1:1000				
Doctor population ratio per 1000 population	-	<0.7	<0.5	<0.7	<0.85				
Output Healthcare infrastructure Sub Centre PHC CHC U-PHC U-CHC	Number of healthcare facilities based on IPHS norms	3958 330 188 46 04	3958* 330 188 59 06	6060 966 241 159	7394 1179 295 194 39	Physical and financial progress report		Rural Health Statistics division	Rural Health Statistics

Indicator	Definition	Baseline	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
Health expenditure as a part of GDP		0.69	>1	>1.5	>3	Planning and budget documents	Annual	• State finance & health department • GAD	Directorate of Economics and Statistics
Health budget as a part of State budget	Public health budget as a proportion of state budget	5.75	6	7	10	State Health Action Plan	Annual	State finance & health department	Directorate of Economics and Statistics
Medical Education and training									
Number of doctors graduating every year	Actual number of doctors graduating each year	350	350	600	>1000	Report from the medical colleges	Annual	State medical education department/Department of Health & Family Welfare	Gujarat Medical Education and Research Society
Number of nurses graduating every year	Actual number of paramedics graduating each year	390	1020	4200	>8100	Reports of the paramedical colleges and schools	Annual	State medical education department	Paramedical council
Medical Colleges		3	4	9	>12				
Dental Colleges		1	2	3	6				
Ayurveda Colleges		1	1 (Upto PG level)	3	8				
Homeopathy Colleges		1	Existing upto PG level	3	8				
Unani colleges		1	1 (Upto PG level)	2	4				
GNM schools		3	8	12	18				

Indicator	Definition	Baseline	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
ANM schools		9	15	22	>25				

8. Enabling Access to Energy

Table 124: Monitoring & Evaluation Framework for Energy Department

	Indicator	Definition	Baseline	Target			Data Source	Frequency	Prime Responsibility	Reporting
				2021	2025	2030				
Goal: To ensure reliable, cost effective, and sustainable access to energy for all **Outcome**	Installed capacity (MW)	Aggregate of the installed power generation capacity available to the State (MW)	2,231	8,010	11,603	17,900	JBVNL database of generation installed capacity JREDA	Monthly	JREDA & JBVNL	Monthly MIS of JBVNL/JREDA, MoP and CEA
	Per capita consumption (kWh)	Total energy consumption in the state in a year divided by the total population in the state	612	822	1,480	2,045	State energy accounts; State population (census) data CEA	Annually	JBVNL	Annual MIS of JBVNL and Annual State Statistical database CEA dashboard
	Renewable capacity mix (% of total capacity)	Renewable energy generation capacity of the State divided by total energy generating capacity of the State multiplied by 100	0.96%	28%	29%	30%	JBVNL database of generation installed capacity JREDA	Monthly	JREDA & JBVNL	Monthly MIS of JBVNL/JREDA, MoP and CEA
	Competitive electricity tariffs	Rank of the Average Billing Rate of the industrial category in Jharkhand vis-à-vis other states in India	Top 10 states	Top 8 states	Top 3 states	Top state	Tariff Orders, Audited Annual Accounts	Annually	JBVNL	State Regulatory Commission; Annual MIS of JBVNL
	Energy intensity	Energy intensity is a measure of energy efficiency of a state's economy. It is calculated	Baseline to be established	0.27	0.20	0.11	Ministry of Statistics and	Annually	Energy Deparment	MoP yearly tracker Annual MIS of JBVNL

	Indicator	Definition	Baseline	Target 2021	2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
		as units of energy per unit of GSDP					Programme Implementation			
	Industrial energy intensity	Industrial energy intensity is calculated as units of energy utilized by the industry per unit of its contribution towards the GSDP	Baseline to be established	0.45	0.40	0.33	Ministry of Statistics and Programme Implementation	Annually	Energy Department	MoP yearly Tracker Annual MIS of JBVNL
Outputs	% Household electrification (Urban)	Total number of electrified urban household in the state divided by total number of urban households in the State multiplied by 100	97%	100%	100%	100%	Service connection record; State population (census) data MoP / REC tracker	Monthly	Discoms (compilation by JBVNL) MoP / REC	Monthly MIS of JBVNL and Annual State Statistical database MoP / REC tracker on electrification
	% Household electrification (Rural)	Total number of electrified rural household in the state divided by total number of rural households in the State multiplied by 100	43%	100%	100%	100%	Service connection record; State population (census) data MoP / REC tracker	Monthly	Discoms (compilation by JBVNL) MoP / REC	Monthly MIS of JBVNL and Annual State Statistical database MoP / REC tracker on electrification
	Average daily hours of supply (Urban)	Sum of number of hours supply in urban area in a month divided by total number of hours in a month	21	24	24	24	Power supply hours record from Utility log books	Monthly	Discoms (compilation by JBVNL)	Monthly MIS of JBVNL and Annual State Statistical database
	Average daily hours of supply (Rural)	Sum of number of hours supply in rural area in a month divided by total number of hours in a month	16	22	24	24	Power supply hours record from Utility log books	Monthly	Discoms (compilation by JBVNL)	Monthly MIS of JBVNL and Annual State Statistical database

Indicator	Definition	Baseline	Target 2021	Target 2025	Target 2030	Data Source	Frequency	Prime Responsibility	Reporting
Utility reliability Indices*	SAIFI: Sum product of number of power supply interruptions on each 11kV feeder in a month and the number of consumers connected to each, divided by total number of consumers in that month SAIDI: Sum product of duration (minutes) of power supply interruptions on each 11kV feeder and the number of consumers connected to each in a month, divided by total number of consumers in that month	SAIDI[43]: 1,295 min SAIFI: 26	SAIDI: 120 min SAIFI: 2	SAIDI: 60 min SAIFI: 1	SAIDI: 30 min SAIFI: 0.5	66/11kV sub-station log data; Consumer database	Monthly	Discoms	Monthly MIS of Discoms and Standards of Performance to SERC
AT&C losses (%)	1-(Billing Efficiency x Collection Efficiency)	32%	14%	11%	8%	State Discom's annual accounts	Monthly	Discoms	Monthly MIS of JBVNL Annual accounts
T&D losses (%)	(Total energy input to the Distribution network - Total energy sold) x 100 / (Total energy input to the Distribution network)	23%	14%	11%	8%	State Discom's annual accounts	Monthly	Discoms	Monthly MIS of JBVNL Annual accounts
ACS-ARR Gap (Rs/kWh)	(Aggregate Revenue Requirement for a year – Revenue collected for that year) x 10 / Sales	1.78	Nil	Nil	Nil	State Discom's annual accounts	Annually	JBVNL	Annual MIS of JBVNL Annual accounts

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[43] Monthly data for 30 towns covered under R-APDRP Part-A IT enablement scheme funded by GOI

Indicator	Definition	Baseline	Target			Data Source	Frequency	Prime Responsibility	Reporting
			2021	2025	2030				
% Consumer metering	(Total number of metered consumers in the State /Total number of consumers in the State) x 100	87.5%[44]	100%	100%	100%	Service connection record State Discom's annual accounts	Monthly	JBVNL	Annual MIS of JBVNL Annual accounts
% Feeders metering – Rural	(Total number of metered rural 11kV feeders /Total number of rural 11 kV feeders) x 100	22%	100%	100%	100%	JBVNL database MoP (UDAY)	Monthly	JBVNL	Monthly MIS of JBVNL and Annual State Statistical database MoP Tracker
% DTRs metering – Rural	(Total number of metered rural Distribution Transformers /Total number of rural Distribution Transformers) x 100	0%	100%	100%	100%	JBVNL database MoP (UDAY)	Monthly	JBVNL	Monthly MIS of JBVNL and Annual State Statistical database MoP Tracker
% Feeder segregation	(Total number of dedicated feeders supplying to particular category of consumers/Total number of feeders) x 100	0%	100%	100%	100%	JBVNL database MoP (UDAY) / REC (DDUGJY)	Monthly	JBVNL	Monthly MIS of JBVNL and Annual State Statistical database MoP / REC
% of new residential, commercial and factory buildings compliant with ECBC/GFBC norms	Total number of new residential, commercial and factory buildings which followed ECBC / GFBC norms came up in a year divided by total number of new residential, commercial	N/A	100%	100%	100%	BEE/ Market Data/JREDA	Quarterly	JREDA & JBVNL	Quarterly MIS of JBVNL and JREDA

[44] As per 24x7 Power for All document

Indicator	Definition	Baseline		Target		Data Source	Frequency	Prime Responsibility	Reporting
			2021	2025	2030				
	and factory buildings came up in a year multiplied by 100								
% of electric vehicles (personal, commercial and public) as a share of all new vehicles	The total number of electric vehicles to the total number of new vehicles which are getting sold in the market	0%	2%	15%	30%	GOI/ MOP targets	Annually	Dept. of Transport & MoP	MoP/ Dept. of transport annual tracker

9. *Enhancing Transport Connectivity*

Table 125: Monitoring & Evaluation Framework for RCD and Transport Department

	Indicator	Definition	Baseline	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
Output	Increase in the road density of SH-OPWD network*	Total length of SH-OPWD road network divided by the area of the state and expressed as per 1000 sq-km area of the state	132	146	170	200	Data as issued by Roads Construction Department and data published by Ministry of Roads, Transport and Highway, India	Annual	Roads Construction Department	On RCD's and MoRTH's website and Annual Handbook
	Multi-lane SHs/OPWD (2 or more than 2 lanes) as a % of total SH-OPWD network in the state#	Proportion of total length of multi-laned SH/OPWD Roads (in KMs), as against the total length of SH/OPWD Roads (in KMs) in the State	36.22%	40%	58%	80%	Data by RCD and as reported by MoRTH	Annual	Data collected by RCD and MoRTH	On RCD's website and as reported by MoRTH in its Annual Handbook
	No of road accidents (as a % of the existing level)	It is calculated as the total number of road accidents which occur in the state	As reporter by department-4202 in FY2016***	50%	75%	100%	The information will be reported by Department of Transport to Ministry of Road, Transport and Highways	Measurement will be done yearly	Department of Transport will be the nodal agency. Collation of data to be done in association with Home Department	It will be published on the departmental website and MoRTH Handbook on road safety which is published every year

*Data as provided by RCD. Total Length – 10570 km as on 01.04.2017
data as provided by RCD for FY2017. As per MoRTH data, the same is 34.03% as in FY2015
*** Data as provided by Home Department to Transport Department

10. Access to Safe Drinking Water and Sanitation

Rural

Table 126: Monitoring & Evaluation Framework for Drinking Water and Sanitation (Rural)

	Indicator	Definition	Baseline	Target 2021	Target 2025	Target 2030	Data Source	Frequency	Prime Responsibility	Reporting
Goal: Provide safe drinking water to all	Households having main source of drinking water as "treated tap water" in <u>rural area</u> (%)	Provision of treated water through tap source connected t0 pipes	30	50	70	>95	MIS	Monthly	Department of Drinking Water and Sanitation	India Water Portal
	<u>Rural</u> population having minimum of 40 LPCD (%)	Every rural person in the state will have access to minimum 40 lpcd within their household premises or at a horizontal or vertical distance of not more than 50 meters from their household without barriers of	90.9	100	100	100	MIS	Monthly	Department of Drinking Water and Sanitation	India Water Portal

	Indicator	Definition	Baseline	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
		social or financial discriminatio n. Individual.								
	Households having availability of drinking water within the premises in <u>rural area</u> (%)	Provision of drinking water within premises	11.7	25	65	80	MIS	Monthly	Department of Drinking Water and Sanitation	India Water Portal
	Habitations fully covered under ground water quality testing in <u>rural areas</u> (%)	No. of habitations covered under ground water quality testing	94.1	100	100	100	MIS	Quarterly	Department of Drinking Water and Sanitation	India Water Portal
	<u>Rural area</u> having piped water supply (%)	Coverage of pipe water supply water supply in rural areas through underground lying of pipes	30	35.65	42.65	50	MIS	Monthly	Department of Drinking Water and Sanitation	India Water Portal
Goal: Ensure improved and sustainable sanitation	**OUTCOME**									
	Open defecation free (ODF) villages (%)	No. of villages where the practice of people defeca	13.63	100	100	100	MIS	Monthly	Department of Drinking Water and Sanitation	SBM Portal

	Indicator	Definition	Target				Data Source	Frequency	Prime Responsibility	Reporting
			Baseline	2021	2025	2030				
facility for all		ting outside is eradicated.								
	Open defecation free districts	No. of districts where the practice of people defeca ting outside is eradicated.	0	All	All	All	MIS	Monthly	Department of Drinking Water and Sanitation	SBM Portal
	Households going for open defecation – Rural (%)	No. of households in rural areas go for defecation outside and not into a designated toilet.	91.7	0	0	0	MIS	Monthly	Department of Drinking Water and Sanitation	SBM Portal
	Coverage of individual household latrine (IHHL) in rural areas (%)	No. of households having individual household latrines	52.5	100	100	100	MIS	Monthly	Department of Drinking Water and Sanitation	SBM Portal
	Gram panchayats having solid & liquid waste management (SLWM) system (%)	No. of GPs having systematic administratio n of activities that provide for the collection,	0	30	100	100	MIS	Monthly	Department of Drinking Water and Sanitation	SBM Portal

	Indicator	Definition			Target		Data Source	Frequency	Prime Responsibility	Reporting
			Baseline	2021	2025	2030				
		source separation, storage, transportation , transfer, processing, treatment and disposal of solid waste.								

Urban

Table 127: Monitoring & Evaluation Framework for Drinking Water and Sanitation (Urban)

	Indicator	Definition	Baseline		Target		Data Source	Frequency	Prime Responsibility	Reporting
				2021	2025	2030				
Goal: Provide safe drinking water to all										
	Households having main source of drinking water as "treated tap water" in <u>urban areas</u> (%)	Provision of treated water through tap source connected t0 pipes	34.7	.45	80	100	MIS	Monthly	Urban Development and Housing	Census / Department MIS Portal
	Per capita supply of water in <u>urban areas</u> (L)	Every urban person in the state will have access water within their premises	39.2	50	80	>135	Service level Benchmarking	Annual	Urban Development and Housing	Census/Department MIS Portal

Indicator	Definition	Baseline	Target			Data Source	Frequency	Prime Responsibility	Reporting
			2021	**2025**	**2030**				
Continuity of water supply in urban areas (hours)	No. of hours of water supply happening in urban areas	2.4	4	15	24	MIS	Monthly	Urban Development and Housing	Census/India Water Portal
Non-revenue water in urban areas (%)	Non revenue water (NRW) is water that has been produced and is "lost" before it reaches the customer	40.5	35	25	<20	MIS	Monthly	Urban Development and Housing	Census/India Water Portal
Households having availability of drinking water within the premises in urban area (%)	No. of household having water availability within the premises	59.1	75	90	100	MIS	Monthly	Urban Development and Housing	Census/Department MIS Portal
Coverage of wards under water quality testing at household inlet level (%)	No. of ward covered under water quality testing	Baseline to be established	Increase by 25%	Increase by 80%	All	MIS	Monthly	Urban Development and Housing	Census/Department MIS Portal
Surface/source water covered under water		Baseline to be established	Increase by 25%	Increase by 75%	All	MIS	Monthly	Urban Development and Housing	Department MIS Portal

	Indicator	Definition	Baseline	Target			Data Source	Frequency	Prime Responsibility	Reporting
				2021	2025	2030				
	quality testing (%)									
Goal: Ensure improved and sustainable sanitation facility for all	**OUTCOME**									
	ODF urban wards (%)	No. of wards where the practice of people defecating outside is eradicated.	67.8	100	100	100	MIS	Monthly	Department of Urban Development & Housing	SBM MIS Dashboard
	ODF ULBs (%)	No. of ULBs where the practice of people defecating outside is eradicated	34.16	100	100	100	MIS	Monthly	Department of Urban Development & Housing	SBM MIS Dashboard
	Households going for open defecation – urban (%)	No. of households in urban areas go for defecation outside and not into a designated toilet	17.94	0	0	0	MIS	Monthly	Department of Urban Development & Housing	SBM MIS Dashboard
	Coverage of IHHL in urban areas (%)	No. of households with IHHL constructed in urban area	84.64	100	100	100	MIS	Monthly	Department of Urban Development & Housing	SBM MIS Dashboard
	Coverage of public toilets in urban areas (%)	Construction of public toilets	41.36	100	100	100	MIS	Monthly	Department of Urban	SBM MIS Dashboard

Indicator	Definition	Baseline	Target			Data Source	Frequency	Prime Responsibility	Reporting
			2021	2025	2030				
								Development & Housing	
Coverage of community toilets in urban areas (%)	Construction of toilet in community	26.3	100	100	100	MIS	Monthly	DEpartment of Urban Development & Housing and	SBM MIS Dashboard
Households connected to piped sewer system (%)		14	50	55	60	MIS	Monthly	Department of Urban Development & Housing	Department MIS Portal /SBM MIS Dashboard
HH having septic tanks		57.39	65	50	40	MIS	Monthly	Department of Urban Development & Housing	Department MIS Portal / SBM MIS Dashboard

11. Women Empowerment and Child Protection

Table 128: Monitoring & Evaluation Framework for Women and Child Development

Indicator	Definition	Baseline	2021	Target 2025	2030	Data Source	Frequency	Prime Responsibility	Reporting
Goal: Better nutrition status among children, adolescents and women	**OUTCOME**								
	Children								
% of children < 5 years who are underweight	Weight-for-age	47.8	40	20	< 10	Rapid survey / NFHS / DLHS	Every third year	Ministry of Women and Child Development / DWCD&SS	DWCD&SS / DHME&FW
% of children < 5 years who are severely wasted	Weight-for-height	11.4	10	< 7	< 3	Rapid survey / NFHS / DLHS	Every third year	Ministry of Women and Child Development / DWCD&SS	DWCD&SS / DHME&FW
% of children < 5 years who are stunted	Weight-for-age	45.3	40	20	< 10	Rapid survey / NFHS / DLHS	Every third year	Ministry of Women and Child Development / DWCD&SS	DWCD&SS / DHME&FW
% of children (3- 5 years of age) attending PSE[45] (AWC and privately run institutions) (%)	.	61.4	70	85	> 95	Rapid survey / NFHS / DLHS	Every third year	Ministry of Women and Child Development / DWCD&SS	DWCD&SS
	Adolescent Girls								
Decrease in % of girls aged 15 -18 with Body Mass Index less than 18.5	The BMI is defined as the body mass divided by the square of	43.3	40	15	< 5	Rapid survey / NFHS / DLHS	Every third year	Ministry of Women and Child Development / DWCD&SS	DWCD&SS / DHME&FW

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[45] PSE is an informal setting which helps children develop readiness for primary schooling in terms of social, physical, Academic and cognitive readiness

Indicator	Definition	Target				Data Source	Frequency	Prime Responsibility	Reporting
		Baseline	2021	2025	2030				
	the body height								
Women									
Decrease in % of women of 15 – 49 years of age with low BMI	The BMI is defined as the body mass divided by the square of the body height	31.5	25	< 10	< 10	Rapid survey / NFHS / DLHS	Every third year	Ministry of Women and Child Development / DWCD&SS	DWCD&SS / DHME&FW
OUTPUT									
Increase in % of early initiation of breastfeeding	Breastfeeding within 1 hour of birth	33.3	55	85	>95	Rapid survey / NFHS / DLHS	Every third year	Ministry of Women and Child Development / DWCD&SS	DWCD&SS / DHME&FW
% of Children on exclusive breastfeeding (up to 5 months)		64.8	70	90	>95	Rapid survey / NFHS / DLHS	Every third year	Ministry of Women and Child Development / DWCD&SS	DWCD&SS / DHME&FW
% of Children aged 6 -8 months who were fed complementary foods		47.2	50	80	>95	Rapid survey / NFHS / DLHS	Every third year	Ministry of Women and Child Development / DWCD&SS	DWCD&SS / DHME&FW
% of Children age 6-59 months who are anemic (< 11 g/dl)	RBC count < 11 g/dl	69.9	55	25	< 10	Rapid survey / NFHS / DLHS	Every third year	Ministry of Women and Child Development / DWCD&SS	DWCD&SS / DHME&FW
% girls aged 10 -17 years with anemia		83.1	70	40	< 15	Rapid survey / NFHS / DLHS	Every third year	Ministry of Women and Child Development / DWCD&SS	DWCD&SS / DHME&FW

Indicator	Definition	Baseline	Target 2021	Target 2025	Target 2030	Data Source	Frequency	Prime Responsibility	Reporting
	% of all women age 15-49 years who are anemic <11g/dl	65.2	55	25	< 20	Rapid survey / NFHS / DLHS	Every third year	Ministry of Women and Child Development / DWCD&SS	DWCD&SS / DHME&FW
Goal: Ensure safety of children	**OUTCOME**								
	Decline in crime committed against children	406	Yearly 10% decline	Yearly 25% decline	Yearly 50% decline	MIS	Half yearly / Yearly	Department of Home, Jail and Disaster Management	Department of Home, Jail and Disaster Management / DWCD&SS
	Decline. of cases of child trafficking	29							
	OUTPUT								
	No. of specialised adoption agency	8	1 per district	1 per district	1 per district	MIS	Quarterly	02/07/2018W02/07/2018	
	No. of children home	17	1 per district	1 per district	1 per district	MIS	Half Yearly/Yearly	DWCD&SS	
	No. of Observation Home	10	1 per district	1 per district	1 per district	MIS	Half yearly / Yearly	DWCD&SS	
	No. of Districts with Special Home[2]	1	1 per divisional headquarter	1 per divisional headquarter	1 per divisional headquarter	MIS	Half yearly / Yearly	DWCD&SS	
	No. of Places of Safety in the state[46]	2	1 per divisional headquarter	1 per divisonal headquarter	1 per divisonal headquarter	MIS	Half yearly / Yearly	DWCD&SS	
	No. of Open Shelter / Child Home	0	10	24	24	MIS	Half yearly / Yearly	DWCD&SS	

46 A 'Place of Safety' is any place or institution, (not being a police

lockup or jail), established separately or attached to an observation home or a special home, the person in-charge of which is willing to receive and take care of the juvenile in conflict with law placed there, by order of the Board, for a period and purpose as defined in the order – Revised integrated Child Protection Scheme

	Indicator	Definition	Target				Data Source	Frequency	Prime Responsibility	Reporting
			Baseline	2021	2025	2030				
	Children enrolled in 'After Care' programme (%)		To be established	100	100	100	MIS	Half yearly / Yearly	DWCD&SS	
Goal: Empower women and bring gender equality	**OUTCOME**									
	Health									
	Increase in % of Women who usually makes specific decisions alone or jointly with their husband about her own health care		To be established	Yearly 10% increase	Yearly 10% increase	Yearly 10% increase	Rapid survey / NFHS / DLHS	Every third year	Ministry of Women and Child Development / DWCD&SS	DWCD&SS
	Education									
	Increase in Literacy rate (%) among female (Census 2011)		55.40	70	100	100	Rapid survey / NFHS / DLHS	Every third year	Ministry of Education / Department of School Education	
	Workforce participation									
	Labour Force Participation Rate (LFPR) - Women		15.6	25	50	70	Annual Report, Ministry of Labour and Employment	Yearly	Departement of Labour and Employment	Departement of Labour and Employment
	Unemployment Rate- (UR) - Women		12%	7.5%	5%	3%	Annual Report, Ministry of Labour and Employment	Yearly	Departement of Labour and Employment	Departement of Labour and Employment

Indicator	Definition	Target				Data Source	Frequency	Prime Responsibility	Reporting
		Baseline	2021	2025	2030				
Other aspects of women empowerment									
Decrease in % of Girls married before 18 years of age		38	25	15	< 5	Rapid survey / NFHS / DLHS	Every third year	Ministry of Women and Child Development / DWCD&SS	DWCD&SS
Married women participate in household decisions (%)		86.6	90	>95	>95	Rapid survey / NFHS / DLHS	Every third year	Ministry of Women and Child Development / DWCD&SS	DWCD&SS
Ever-married women who have ever experienced spousal violence (%)		34	25	15	< 2	Rapid survey / NFHS / DLHS	Every third year	Ministry of Women and Child Development / DWCD&SS	DWCD&SS
Women owning a house and/or land (alone or jointly with others) (%)		49.7	60	80	>90	MIS	Yearly	Department of Revenue, Registration and Land Reforms	
Assault on Women with Intent to outrage her modesty (%)		5.2	4	2.5	< 1	MIS	Half yearly / Yearly	Department of Home, Jail and Disaster Management	DWCD&SS
Sexual Harassment (Section 354A IPC) (%)		3.3	2.5	< 1	< 1	MIS	Half yearly / Yearly	Department of Home, Jail and Disaster Management	DWCD&SS
Kidnapping & Abduction of Women (%)		5.7	4.5	3	< 1	MIS	Half yearly / Yearly	Department of Home, Jail and Disaster Management	DWCD&SS
OUTPUT									

Indicator	Definition			Target		Data Source	Frequency	Prime Responsibility	Reporting
		Baseline	2021	2025	2030				
Education									
Net Enrolment Ratio (Female) – Primary		97.93	100	100	100	MIS	Half yearly / Yearly	Department of School Education	
Net Enrolment Ratio - (Female) - Secondary		51.32	70	100	100	MIS	Half yearly / Yearly	Department of School Education	
Transition Rate – Female (Class V to VI)		85.32	90	95	99	MIS	Half yearly / Yearly	Department of School Education	
Transition Rate – Female (Class VIII to IX)		77.66	85	90	99	MIS	Half yearly / Yearly	Department of School Education	
Transition Rate – Female (Class X to XI)		55.66	65	80	99	MIS	Half yearly / Yearly	Department of School Education	
Annual Average Dropout Rate – Primary (Female)		5.03	0	0	0	MIS	Half yearly / Yearly	Department of School Education	
Annual Average Dropout Rate – Elementary (Female)		6.30	3	0	0	MIS	Half yearly / Yearly	Department of School Education	
Annual Average Dropout Rate – Secondary (Female)		24. 56	10	0	0	MIS	Half yearly / Yearly	Department of School Education	
Workforce participation									

	Indicator	Definition	Target				Data Source	Frequency	Prime Responsibility	Reporting
			Baseline	2021	2025	2030				
	Labour Force Participation Rate (LFPR) - Women		15.6	25	50	70	Annual Report, Ministry of Labour and Employment	Yearly	Department of Labour and Employment	Department of Labour and Employment
	Unemployment Rate- (UR) - Women		12%	7.5%	5%	3%	Annual Report, Ministry of Labour and Employment	Yearly	Department of Labour and Employment	Department of Labour and Employment
Goal : Ensure social security to vulnerable citizens	**OUTCOME**									
	Coverage in % of eligible target groups under social security Programmes		Baseline to be established	100%	100%	100%	Independent Review	Every third year	DWCD&SS	

12. Employment- Oriented Industrial Development

Table 129: Monitoring and Evaluation Framework for Sustainable and Employment- oriented Industrial Development

	Indicator	Definition	Target				Data Source	Frequency	Prime Responsibility	Reporting
			Baseline	2021	2025	2030				
Overall Goal: Creating globally competitive business environment	Increase in Industry sectors's contribution to State GSDP at constant prices (In %)	Industry sectors contribution to State GSDP at 2011-12 constant prices (In %)	39.9	42.6	43.6	46.4	Annual Planning Processes of Directorate of Economics & Statistics	Annually	Directorate of Economics & Statistics, GoJ	Economic Survey of Jharkhand
	Year on Year Industrial Growth Rate (%)	Growth rate of the industrial sector over the previous year	11	12.5	12.5	14.3	Reports submitted by Industries Department	Annually	Directorate of Economics & Statistics, GoJ	Economic Survey of Jharkhand
	Share in Aggregate GVA in India (%)	Proportion of Gross Value Added output to from Industrial sector to Gross Value Added from Industrial Sector in India	2.3	3.1	3.7	8	Reports submitted by Industries Department	Annually	District Industries Centre/ State Industries Department	Annual Survey of Industries

	Gross Value Added/person engaged (INR Lakhs)	The Gross Value added divided by the number of people engaged in the industry sector	13	15.9	21.1	32.2	Reports submitted by Industries Department	Annually	District Industries Centre/ State Industries Department	Annual Survey of Industries
	Ease of Doing Business Rank	Ease of doing business ranking	7 (2016)	To be among top 5 states in India			-	Annually	World Bank/DIPP	Ease of Doing Business Ranking of States by DIPP/World Bank
Goal 1: Creating employment	No. of factories	Total number of factories registered as per the Factories Act 1948	2688	3556	4992	10126	Reports submitted by Industries Department	Annually	District Industries Centre/ State Industries Department	Annual Survey of Industries
	Total Persons engaged (in Lakhs)	Total number of people engaged in the	1.88	2.50	3.51	9.43	Reports submitted by Industries Department	Annually	District Industries Centre/ State Industries Department	Annual Survey of Industries
Goal 2: Development of MSME	No. of Micro and Small Enterprises (in Lakhs)	Total number of Micro and Small Enterprises	6.75	10.1	15.2	22.8	Reports submitted by Industries Department	Annually	MSME Development Institute Ranchi /State Industries Department	Annual Report MSME

	Employment in MSME (In Lakh)	Total number of people employed in the MSME sector	12.91	19.4	29.0	43.6	Reports submitted by Industries Department	Annually	MSME Development Institute Ranchi /State Industries Department	Annual Report MSME
Goal 3: Transforming mining sector in Jharkhand, making it sustainable, investor friendly and most employable	Area of OGP to be under mining & prospecting (G3 to G1)	Obvious Geological Potential areas have favourable and prospective geological setting in respect of likelihood of mineral resources (GSI). This parameter will measure the area which has been explored between G1 to G3 level	1.27%	1.60%	3.60%	10%	IBM, GSI	Annual	Directorate of Geology, Jharkhand	Bulletin of Mining Leases and Prospecting Licenses 2015, IBM and GSI Annual Report
	Implementation of sustainability reporting and transparency initiatives in all major and minor minerals mines	Various parameters related to sustainability and transparency initiatives will be considered while monitoring	JIMMS portal exists but the proposed modules to be integrated	Modules to be integrated	Modules to be integrated	Modules to be integrated	Mine owners, DIMG	Annual	Directorate of Mines and mine owners	State level reporting has to be initiated

	GVA in INR lakh crore of mining sector (contribution % to GSDP)	Gross Value Added by mining sector to Jharkhand's GDP	0.21 (10.2%)	0.29 (11.9%)	0.44 (14.5%)	1.15 (17.7%)	Department of Planning cum Finance, Jharkhand	Annual	Officials of the Department	Jharkhand's Economic Survey
Outcomes	Productivity OMS (tonnes) Coal	The output per manshift in coal and non-coal mines	4.3	12.20	18.42	20.93	DGMS, IBM, MoC	Annual	Directorate of Mines and mine owners	Monthly Statistics of Mineral Production, IBM, Provisional Coal Statistics, Accident Statistics DGMS
	Non-coal		4.3	17.07	23.57	27.29				
	Revenue from Mineral Sector (INR Crore)	Revenue generated from the minerals	4,771	6,001	9,475	13,061	Department of Industries, Mines and Geology	Annual	Officials of the Department and mine owners	Jharkhand's Economic Survey
	Incidence of Fatal & Serious Accidents	Measures the safety of mine workers	43 (18 Fatal and 25 Serious)	0	0	0	DGMS	Annual	DGMS officials and mine owners	Accident Statistics, DGMS

	Average recycling of mine water (% of total discharge)	Measures the percentage of mine water recycled for reuse	22%[47]	30%	44%	70%	Company reports	Annual	Directorate of Mines and mine owners	State level reporting has to be initiated
	Total Green Energy/Renewable Energy consumption in mine (% of total energy)	This parameter will monitor the number of mines using renewable energy	0%[48]	5%	11%	20%	MOSPI	Annual	Directorate of Mines and mine owners	MOSPI: Energy Statistics
	Employment in mining and allied activities (ratio of persons employed in mining/working population)	Measures the percentage of working population employed in mining sector	~1%	1.38%	2.51%	4.59%	DGMS, Department of Planning cum Finance, Jharkhand	Annual	Directorate of Mines and mine owners	Standard note, DGMS and Jharkhand's Economic Survey
Outputs	Production of coal (MT)	Measures coal production in state	121.0	145	224	285	Ministry of Coal, Government of India	Annual	Mine owners	Provisional Coal Statistics
	Production of non-coal (MT)	Measures non-coal production in state	22.6	35	62	108	IBM	Annual, Monthly	Mine owners	IBM publications

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[47] State level data is not reported. Only 3-4% mines are presently reporting.
[48] MOSPI: Energy Statistics 2016

	Percentage of mines that have adopted SDF of Ministry of Mines	Measures percentage of mines that have implemented the SDF of Ministry of Mines	Only large mine owners report on SDF[49]	50%	100%	100%	Company reports	Annual	Directorate of Mines and mine owners	State level reporting has to be initiated
	Percentage of mines that have adopted Global Reporting Initiatives	Measures percentage of mines that have implemented sustainability reporting	Only large mine owners report on GRI[50]	20% of the major mineral mines	4o% of the major mineral mines	100% of the major mineral mines	Company reports	Annual	Directorate of Mines and mine owners	State level reporting has to be initiated
	Percentage of mines that have adopted EITI	Measures percentage of mines that have adopted EITI and are reporting under the EITI standards	Not yet adopted	All major minerals	All major and minor minerals	100%	Company reports	Annual	Directorate of Mines and mine owners	State level reporting has to be initiated
Inputs	Portal for monitoring of state level clearances/approvals and integrating with respective GoI portals	These portals will expedite the process of operationalization of auctioned/allotted coal and mineral blocks	JIMMS exists but modules not integrated	100% implementation	100% implementation	100% implementation	DIMG, Mine owners, MoM, MoC, State Departments	Daily monitoring	DIMG, Jharkhand	State level reporting has to be initiated
	Utilisation of DMF funds	Measures the percentage of DMF funds utilized as per the annual plan developed on the	Initial stages of DMF utilisation/ Audit	100%	100%	100%	Department of Industries, Mines and Geology	Annual	Directorate of Mines and DMF	Annual report of DMF

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[49] Such as Tata Steel, Hindalco, ACC etc.
[50] Such as Tata Steel, Hindalco, ACC etc.

		basis PMKKKY guidelines	report awaited						
	Zero waste mining	Measures the number of mines that have implemented zero waste mining, which is the national goal as per National Mineral Policy, 20088	No standard reporting is done as of now	Establishment of legal & institutional framework for mandating zero waste mining	Pilot tests on beneficiation techniques for zero waste mining	Deployment of zero waste mining techniques	No standard reporting is done as of now	Annual	Directorate of Mines and mine owners	State level reporting has to be initiated
	Automation requiring less human intervention in underground mining	Measures the degree of automation implemented in UG mines	No significant & visible efforts	Pilot tests	Analysis & feasibility Study	Deployment of robotic mining	No standard reporting is done as of now	Annual	Directorate of Mines and mine owners	State level reporting has to be initiated
	Coverage of families under Rashtriya Swasth Bima Yojna	Measures the number of families covered under RSBY. RSBY provides financial coverage against major health problems and aims at improving quality of health care for BPL families	~47% (till Sept. 2015)	80%	100%	100%	RSBY website	Annual	State Government, Insurance agencies	RBSY website

Tailings Management Protocol (TMP)	Policy framework for ensuring implementation of tailing management system in mines	#[51]	Preliminary draft of the TMP and monitoring mechanism	Notification of TMP, & pilot test on implementation & monitoring of TMP	100% implementation & monitoring of TMP	NA	NA	Directorate of Mines and mine owners	NA
Skill Development	Policy framework for promoting skill development of working population for employment in mines	Roadmap already formulated	Establishment of Skill Qualification Framework for mining sector, alignment to NSQF and formulation of framework for partnership with private sector for skill development	Ensuring at least 25% of the mining areas are covered under at least one training institute with required facilities and curriculum	Ensuring 100% of the mining areas are covered under at least one training institute with required facilities and curriculum	NA	NA	Directorate of Mines and mine owners	NA
IT based data reporting	Jharkhand has already implemented Integrated Mines and Mineral Management System which is an IT Based mineral administration	Permits/ Challans/ Royalty – 95% Daily Production / Transport/ Returns – 5%	100%	NA	NA	JIMMS website	Monthly, quarterly, yearly	Directorate of Mines, mine owners, traders, dealers	JIMMS website

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[51] #State level data is not available as this is not being reported by all mines. Reporting may be initiated at the earliest. Major mining companies such as Hindalco, ACC and Tata Steel are reporting as pet GRI
State level data is not reported. Only 3-4% mines are presently reporting.
MOSPI: Energy Statistics 2016

13. Sustainable Forest Management

Table 130: Monitoring and Evaluation Framework for Sustainable Forest Management

	Indicator	Definition	Baseline	Target 2021	Target 2025	Target 2030	Data Source	Frequency	Prime Responsibility	Reporting
Overall Goal: To preserve bio diversity rich environment in a balanced and sustainable manner while ensuring increase in economic contribution of forests	Environment Sustenance Indicator	A composite indicator would be established based on various indicators of Conservation and replenishment of the environment for its sustenance.	New indicator	Improvement from baseline by 30%	Improvement from baseline by 50%	Improvement from baseline by 100%	Index would be measured by annual survey	Annual	Forest, Environment and Climate Change Department	Annual report of Forest, Environment and Climate Change Department
	State Forest Cover	Total Area under forests and ToF	26261 Sq. km (2015)/32.94% of GA[52]	Resource Mapping of forests completed	District wise plan for forest development and conservation	Increase in forest cover to 33% 2 Reports published by 2030 on 'Change in the Growing stock'	State level Forest survey (GIS Mapping and physical verification)	Annual	Forest, Environment and Climate Change Department	Annual report of Forest, Environment and Climate Change Department
Goal 1 - Restoration of degraded land and	Percentage of degraded forest land restored	Area of land restored	3943 thousand ha	20% restoration	50% restoration	100% restoration	State level Forest survey (GIS Mapping	Annual	Forest, Environment and Climate	Annual report of Forest, Environment

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[52] Economic survey of Jharkhand 2016

biodiversity conservation							and physical verification)		Change Department	and Climate Change Department
	Conservation status of different Bio-diversities	Bio diversity conservation	New indicator	Cover 20% identified bio diversities	Cover 50% identified bio diversities	Cover 100% identified bio diversities	Annual survey	Annual	Forest, Environment and Climate Change Department	Annual report of Forest, Environment and Climate Change Department
Goal 2: Developing department capacity and technology integration	Institutional capacity of Forest Department personnel	No. of forest staff recruited	Vacant positions IFS (39), State forest services (84), Forest area officers (133), Forrester (737), Forest guards (3491).	100% filling of vacancies	Establishment of a State level training institute in collaboration with FRI to train staff on Forest Management, research and related activities	Evolve into fully functional Resource institute with a systematic mechanism for biennial training of forest staff of all cadres to upgrade all kinds of skills	Annual forest report	Annual	Forest, Environment and Climate Change Department	Annual report of Forest, Environment and Climate Change Department
	Technology integration in forest and wildlife conservation	Technology integration in forest and wildlife conservation	Computers, Other accessories, solar stations for offices	Complete technology integration in forest offices	Establishment of fully integrated GIS for forest and wildlife mapping ICT integration in all offices	Digitization of forest boundaries	Annual forest report	Annual	Forest, Environment and Climate Change Department	Annual report of Forest, Environment and Climate Change Department
Goal 3: Wildlife Conservation	Conservation of Tiger population	No. of tigers	3	4	8	17	Annual forest report	Annual	Forest, Environment and Climate Change Department	Annual report of Forest, Environment and Climate

									Change Department
	Conservation of Elephant population	No. of elephants and losses due to man animal conflict	688	Preparation of management plan for forthcoming years for elephant protected areas	Constitution of elephant habitat Conservation Cell	Reduction in losses due to man animal conflict bu 50%	Annual forest report	Annual	Forest, Environment and Climate Change Department	Annual report of Forest, Environment and Climate Change Department
	Conservation of Important Bird Areas (IBA)	Status of important bird areas	NA	Development of bird checklist for the state	Special team deployment to develop Udhwa Lake Bird Sanctuary	Reclamation of Gyps bengalensis (Oriental White-backed Vulture)	Annual forest report	Annual	Forest, Environment and Climate Change Department	Annual report of Forest, Environment and Climate Change Department
Goal 4: Increased community engagement to conserve forests	Community participation in forest conservation	No. of communities involved in forest conservation	92.80% of forest area covered under JFM	100% forest area covered Development of IEC Content in local language for community engagement	Define level of participation for all existing JFM's and train them to maintain static and dynamic inventory of found species	Establish JFM's committees covering all forest areas Capacity Building of 100 % Eco Development Committees around the Protected Areas	Annual forest report	Annual	Forest, Environment and Climate Change Department	Annual report of Forest, Environment and Climate Change Department
Goal 5: Increase in climate change awareness	Implementation of SAPCC	Status of SAPCC	New Indicator	100 % Achievement of upgraded SAPCC	Inception of upgraded SAPCC	100 % Achievement of upgraded SAPCC	Climate Change unit	Annual	Forest, Environment and Climate Change Department	Annual report of Forest, Environment and Climate Change Department

| Monitoring degree of impact on climate by human activities | Department's recording and improvement of monitoring of human activities impacting climate change | New indicator | Mapping of departments undertaking initiatives which directly impact the climate | Identification of index, developing measurement systems, building baseline and fixing targets for life on land and life below water | 100% achievement of targets fixed in 2022 | Climate Change unit | Annual | Forest, Environment and Climate Change Department | Annual report of Forest, Environment and Climate Change Department |