# SUSTAINABLE DEVELOPMENT GOALS IN MADHYA PRADESH

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# Madhya Pradesh

MADHYA PRADESH- A COMPARATIVE GLANCE*				
Indicators	State	Score	Rank	
Essential Infrastructure	Punjab	0.72	1	
	Madhya Pradesh	0.38	14	
HDI	Kerela		1	
1101	Madhya Pradesh	0.27	17	
Social Protection	Kerela	.568	1	
Social Protection	Madhya Pradesh	.531	3	
Crime Against women & child				
Chine Against women & chind	Madhya Pradesh	.510	9	
Crime Law & Order				
Crime Law & Order	Madhya Pradesh		17	
Economic Freedom	Gujrat	.828	1	
Economic Freedom	Madhya Pradesh	.402	6	
Public Affair Index	Kerela	.551	1	
Fublic Alfall Index	Madhya Pradesh	.451	4	
In a guality Index	Kerela	.754	1	
Inequality Index	Madhya Pradesh	.448	16	
GINI Index				
GINI Index	Madhya Pradesh	.27		
The comparision is among 18 major states of India.				
Red colour signifies the areas, where the state lags behind and seeks attention.				
Yellow colour resembles m	oderate performance of t	he state, which re	quires improvement.	
🔵 Green colour stand	ls for prosperity achieved	l by the state and	must be maintained.	

# **Challenges in Madhya Pradesh**

- The *cost of delivering* basic amenities to the population turns out to be *high*.
- Social development of marginalized population is to be addressed.
- *Poverty* because of Low per capita income.
- *Rural- Urban gap has been widening* rather than reducing.
- This mismatch causes *migration and overcrowding* in the cities beyond their capacity.
- Lack of rural infrastructure
- Lack of Social infrastructure
- Agricultural crises in Madhya Pradesh
- The much touted *double digit agricultural growth is not having trickle down effect.*

# NEED FOR SUSTAINABLE DEVELOPMENT

What is Sustainable Development?

The Process of integrating economy, development and environment is known as Sustainable Development.

The development process must simultaneously consider the **approach of economy, equality and environment**, if both future and present generations are to enjoy the higher quality of life.

# **Background and Context**

- India as a member country of the United Nations and signatory to the UN Sustainable Development Summit in September 2015.
- India has also adopted the Sustainable Development Goal 2030 (SDG 2030) as the guiding framework for its National Development Agenda till 2030.
- The SDG 2030 builds on the eight anti-poverty targets of Millennium Development Goals (MDGs)
- Madhya Pradesh is striving hard to achieve most of the sustainable development issues through SDGs 2030.



#### **SDG 1: NO POVERTY** Ensuring the Eradication of Poverty in all its forms everywhere

To eliminate poverty through the motivating Economic activities such as animal husbandry practices, infrastructure and technological advancement, skill development, and appropriate market opportunities in agriculture sector.



#### **SDG 1: NO POVERTY** Ensuring the Eradication of Poverty in all its forms everywhere

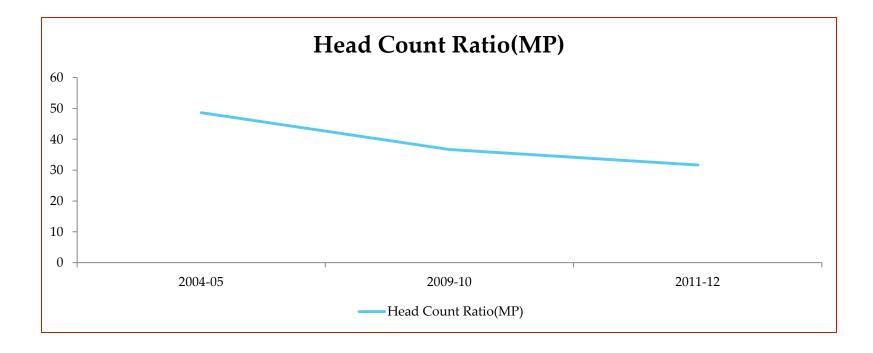
Table 1 : MP and Inc	lia' Scenarios on poverty and Per capita Income			
Indicator		Madhya Pradesh	India	
HCR %(2011-12)	Rural	36	25.7	
	Urban	21	13.7	
	Combined	31.7	21.9	
Per Capita BPL at per Month	Rural	631.9	816	
in Rupees(2011-12)	Urban	771.7	1000	
	Combined	834	905.3	
Per Capita Income(2015-16)	On Constant Price	52406	77803	
		Source data	a- MP Economic Survey, RBI	



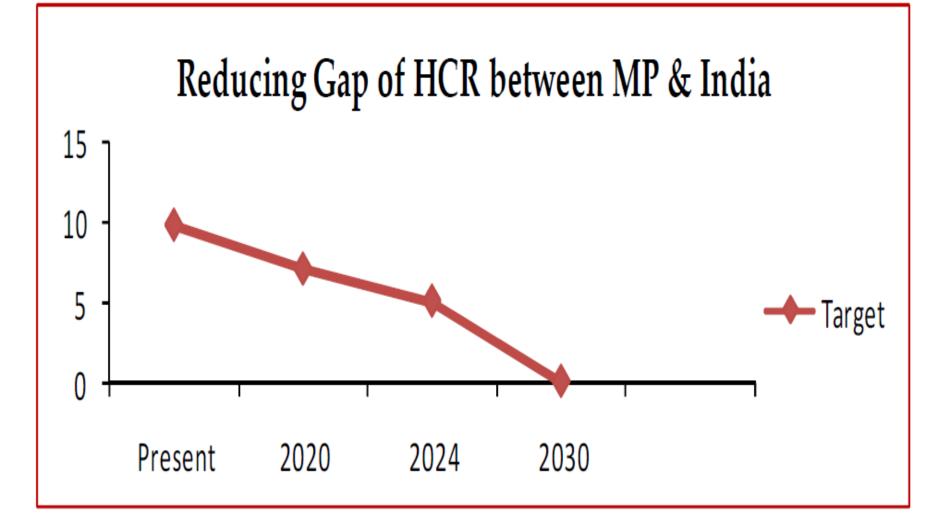
# **SDG 1: NO POVERTY**

Ensuring the Eradication of Poverty in all its forms everywhere

### HCR Trend of MP



# HEAD COUNT RATIO





#### **SDG 1: NO POVERTY** Ensuring the Eradication of Poverty in all its forms everywhere

#### MILESTONES/TARGET

SDG	Activity	Present	2024	2032
	Gap of HCR between MP & India(%)	9.73	5	0



End Hunger, Achieve Food Security, Improve Nutrition & Promote Sustainable Development

To eliminate poverty through the motivating Economic activities such as animal husbandry practices, infrastructure and technological advancement, skill development, and appropriate market opportunities in agriculture sector.



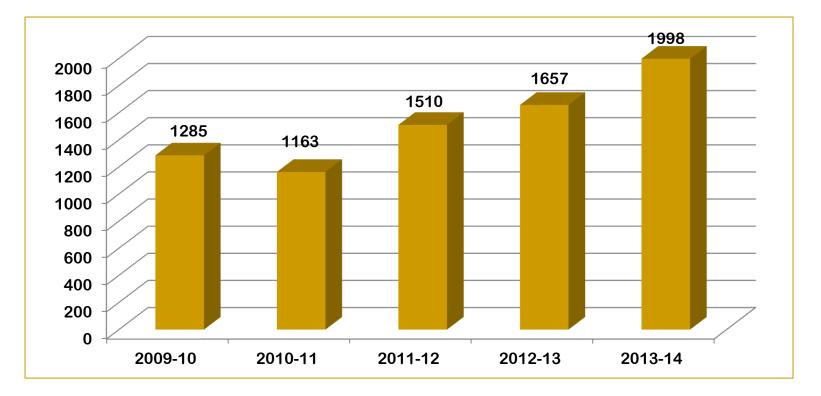
End Hunger, Achieve Food Security, Improve Nutrition & Promote Sustainable Development

Status Of Children (ages 6-59 months)	2005-06	2015-16	% Change (Increase/Decrease)
Underweight Children	60%	42.8%	28.7%
Wasting children	35%	25.8%	26.3%
Severe wasting Children	12.6%	9.2%	26.9%
Stunting Children	50%	42%	16.0%



**End Hunger, Achieve Food Security, Improve Nutrition & Promote Sustainable Development** 

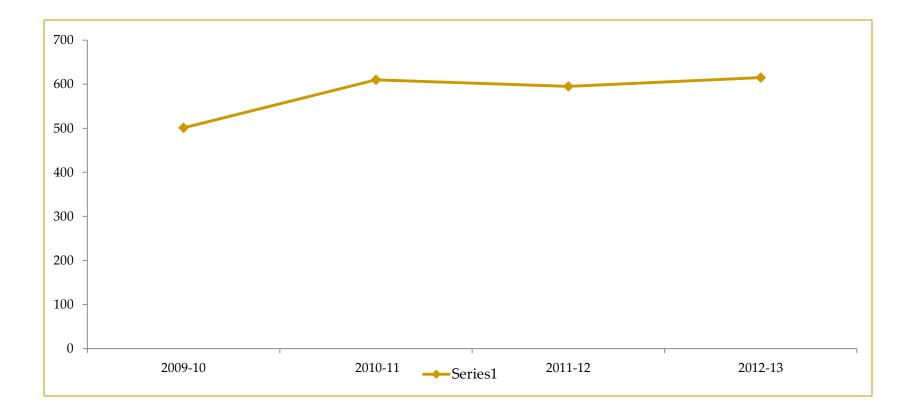
#### Food Grains Productivity (Unit – Kg./ha.)





**End Hunger, Achieve Food Security, Improve Nutrition & Promote Sustainable Development** 

#### PER CAPITA EXPENDITURE ON HEALTH AND NUTRITION:





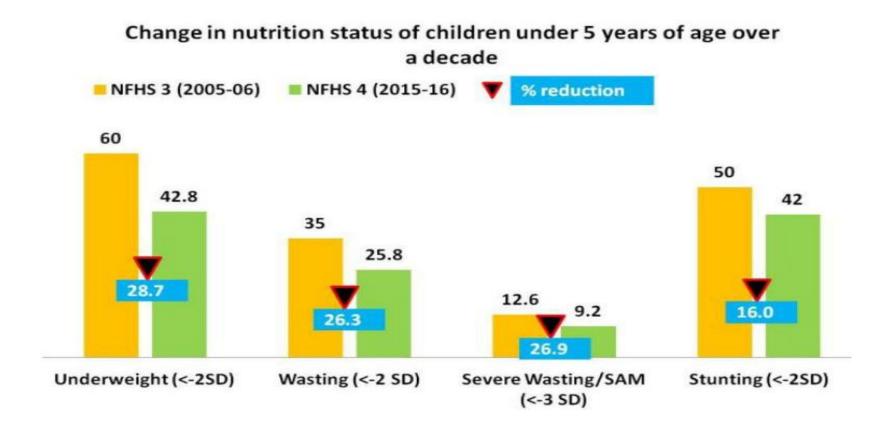
End Hunger, Achieve Food Security, Improve Nutrition & Promote Sustainable Development

SDG	Indicators	Current Position 2016	2020	2030
02	Children Anemic (6-59 months)	MP- 68.9% India-58.4%	60%	55%
02	Agricultural Dependency	73% of Total Population	60%	50%
02	Cropping Intensity(in %)	155.9	160	170



Ensure Healthy Lives & Promote Well- Being For All At All Ages

#### NUTRITION STATUS OF CHILDREN



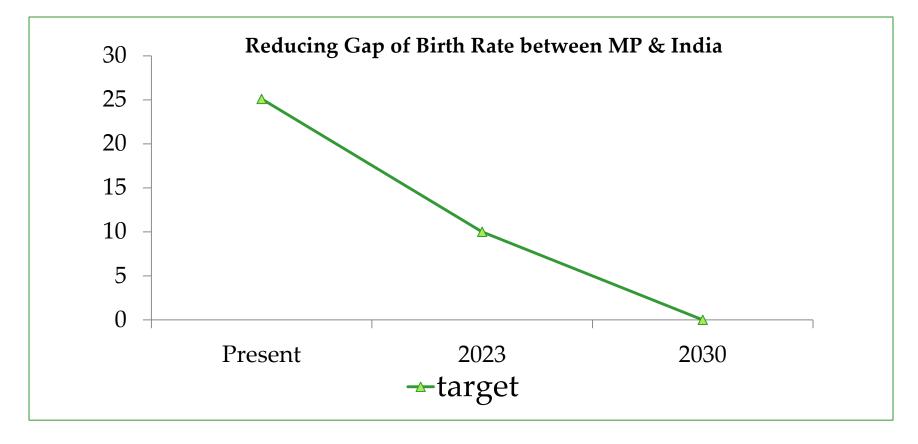


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SDG	Indicator(MP)	Present status	2024	2030
03	Reduction of Maternal Mortality Rate(1000)	221	130	70
03	Reduction of Infant Mortality Rate(1000)	50	40	<30
03	Reduction of Neonatal Mortality Rate(1000)	35	20	<12
03	Reduction of Under Five Mortality Rate(1000)	65	45	<25
03	Children Immunization (%)	53.6		100 %
03	Access to Health Services			100 %
03	Gap of Birth Rate between MP & India(%)	25.1	10	0



Ensure Healthy Lives & Promote Well-Being For All At All Ages

#### Milestones





Comparison with National Literacy status (2011)		
Elementary Status	MP	National
Pupil Teacher Ratio	40	31
Pupil Teacher Ratio (PTR) -all schools	26	25
PTR-Govt. Schools	25	24
% of Govt. Schools with PTR >30 at Primary	30.23	27.35
% of Govt. Schools with PTR >35 at Upper Primary	46.55	15.12
Professionally qualified teachers	81.46	85.87
Professionally qualified teachers -Govt schools	96.85	85.35
Professionally qualified teachers –Private schools	48.72	73.56
Literacy Rate Overall	70.6	74.0
Literacy Rate Males	80.5	82.1
Literacy Rate Females	60.0	65.5
Gender Gap	20.5	16.6

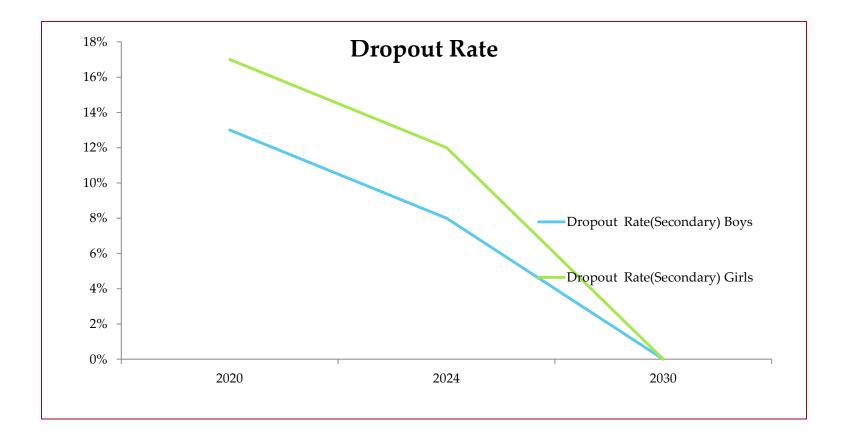


Indicator		Male	Female	Total
Drop - Out Rate		13.60	19.80	16.60
	SC	16.2	12.4	14.4
State GER*	ST	9.1	9.1	7.8
	All	21.6	17.3	19.6
	SC	20.0	18.2	19.1
National GER*	ST	15.2	12.3	13.7
	All	25.3	23.2	24.3
*Values in percentage.				

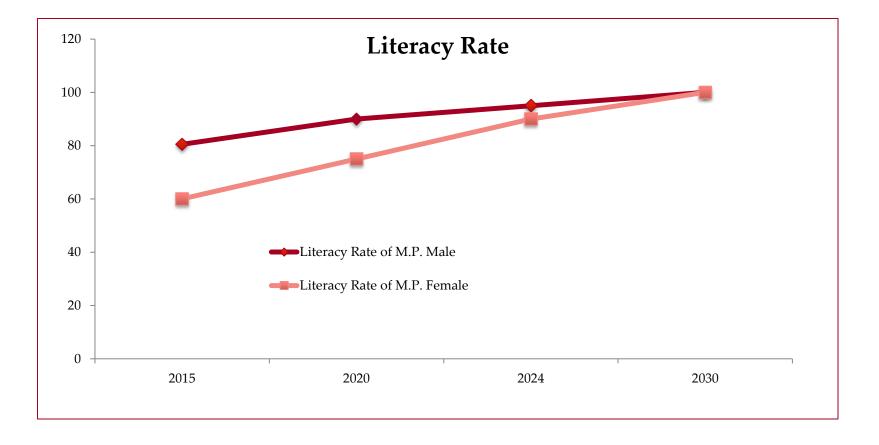


SDG	INDICA	TOR	2014-15	2020	2024	2030
		Total	45.48	-	-	-
04	GER(HSS)	Boys	-	65	85	100
		Girls	-	55	75	100
	Durant	Combined	26.47	-	-	-
04	Dropout Rate(Secondary)	Boys	-	13	8	0
	Rate(Secondary)	Girls	-	17	12	0
		PS to UPS	85.83	90	100	100
04	Transition	UPS to Secondary	-	85	95	100
		Secondary to HSS	-	70	80	90
		Male	80.50	90	95	100
04	Literacy Rate	Female	60	75	90	100
		ST	50.60			
04	Admission Ratio for girls	ST	72.57	100		
				*All	values are ir	n percentage.







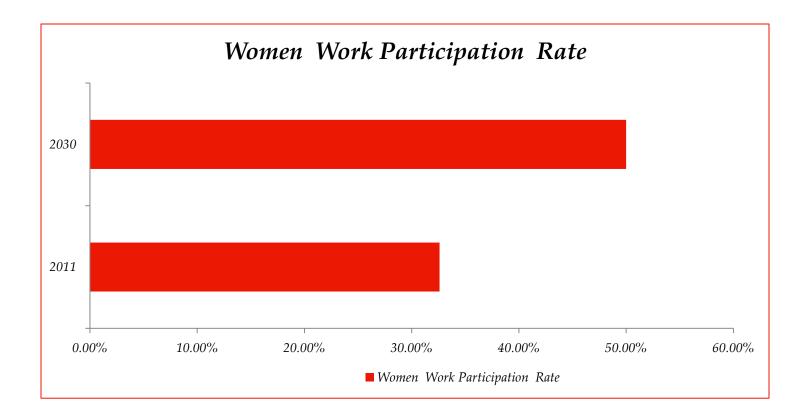




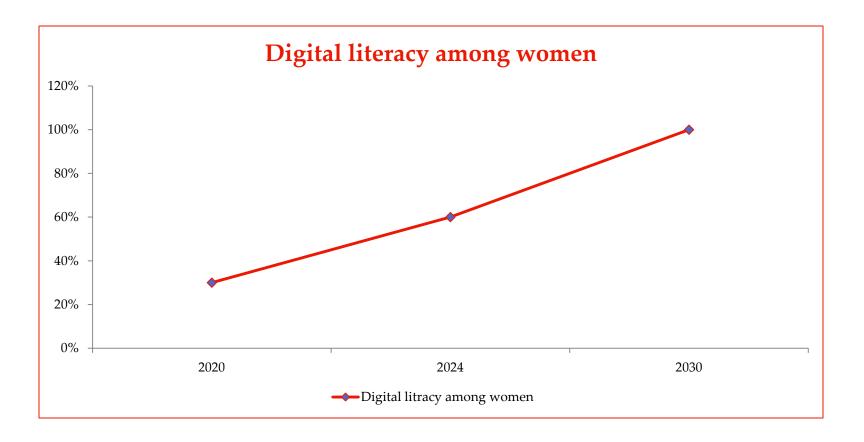
#### **TARGETS**

	-			<b>OWTH PROJECT</b>	
SDG	INDICATOR	LATEST	2020	2024	2030
	Gender Related	0.51	.60	.65	.75
05	Development	(2007-08)			
	Index	, , , , , , , , , , , , , , , , , , ,			
	Gender	0.46	.55	.65	.75
05	Empowerment	(2007-08)			
	Measure	· · ·			
	Female	60.02% (2011)	70%	80%	100%
05	Literacy				
	Proportionate	13%	20%	33%	50%
05	seats by	(2013)			
	women in state				
	legislature				
	Digital literacy	-	30%	60%	100%
05	among women				
	Women Work	32.6%			50%
05	Participation	(2011)			
	Rate				

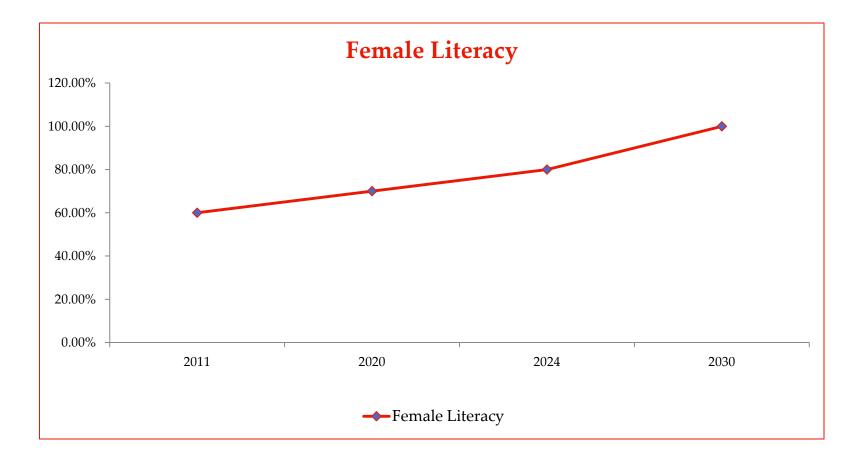




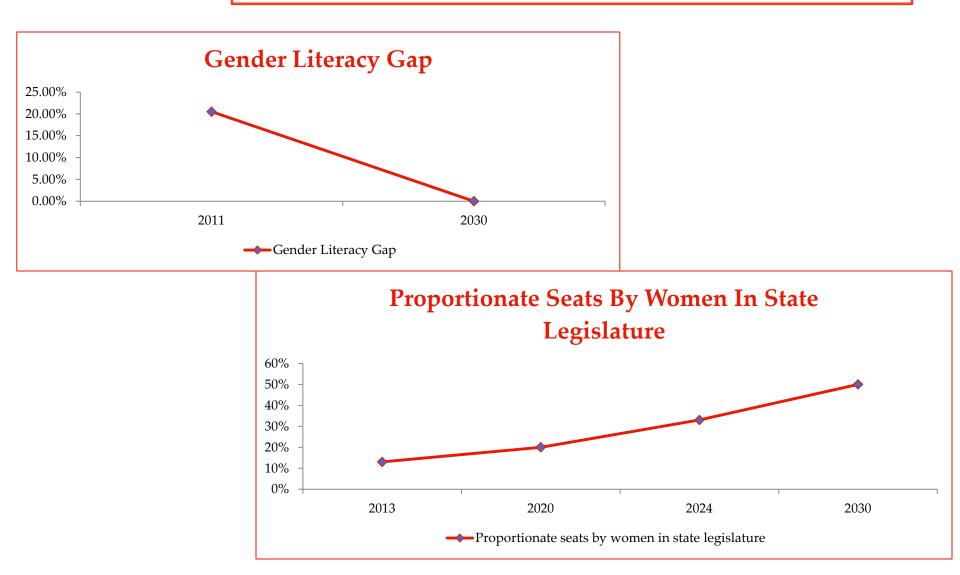










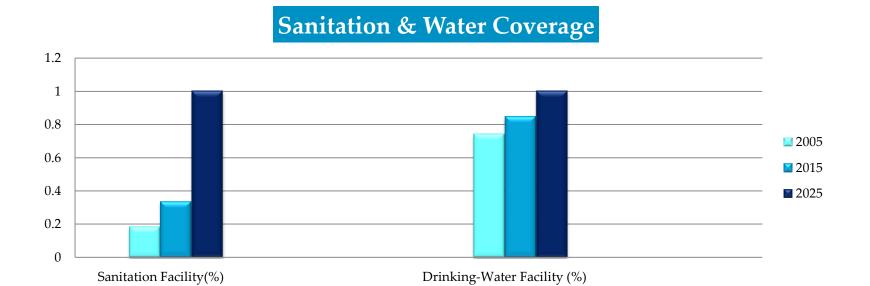




# **SDG 6: CLEAN WATER & SANITATION**

**Ensure availability & sustainable management of water & sanitation for all.** 

S.No.	Particulars	National	Madhya Pradesh
1.	Drinking water availability	46.72%	82.65% (@55LPCD)
2.	Piped Water supply Coverage	52.90 %	37.87 %
3.	Household Water Connections	15.29 %	8.48 %

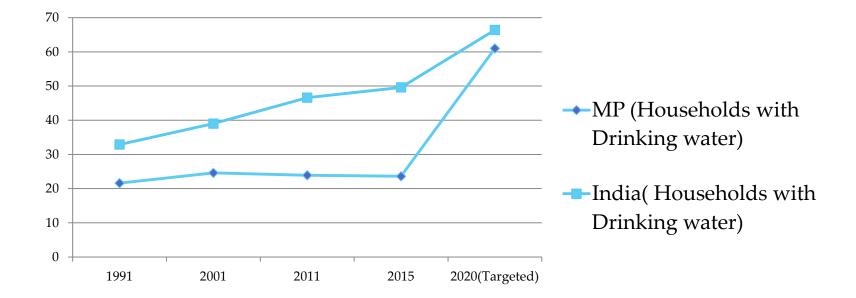




## **SDG 6: CLEAN WATER & SANITATION**

**Ensure availability & sustainable management of water & sanitation for all.** 

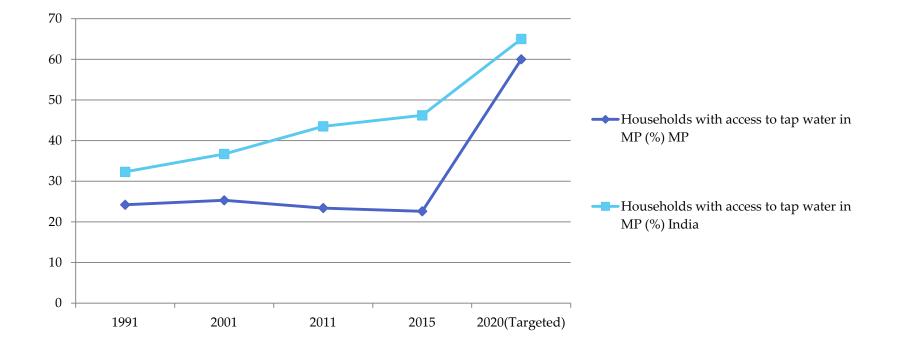
#### HOUSEHOLDS WITH DRINKING WATER WITHIN PREMISES IN MADHYA PRADESH VIS-A-VIS INDIA (%)





# **SDG 6: CLEAN WATER & SANITATION** Ensure availability & sustainable management of water & sanitation for all.

#### Households with access to tap water in Madhya Pradesh vis-a-vis India (%)





# SDG 6: CLEAN WATER & SANITATION

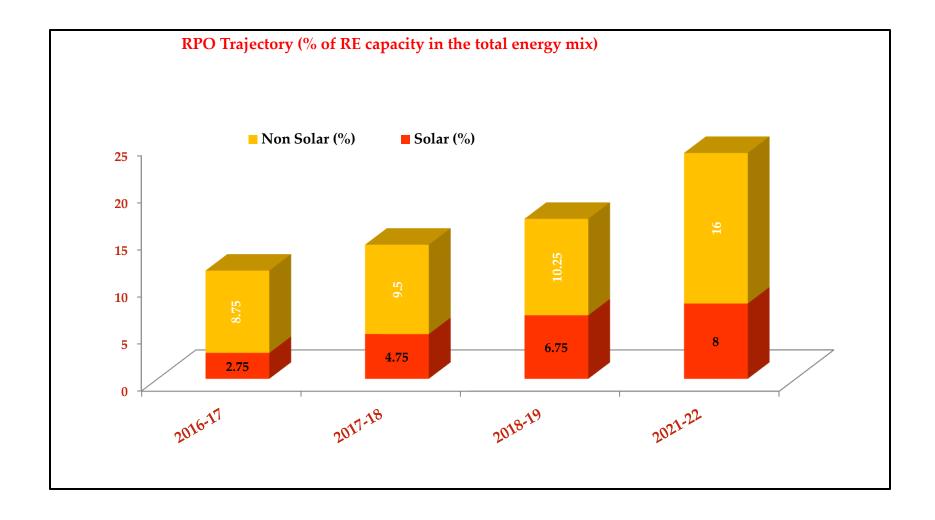
**Ensure availability & sustainable management of water & sanitation for all.** 

SDG	Indicator		Specific Targets	
		2020	2024	2030
06	Drinking water availability	Maintaining at present level	-	-
06	Piped Water supply Coverage	70%	65%	60%
06	Household Water Connections	15%	25%	30%



#### **SDG 7: AFFORDABLE AND CLEAN ENERGY**

Ensure access to affordable, reliable, sustainable and modern energy for all





#### **SDG 7: AFFORDABLE AND CLEAN ENERGY** *Ensure access to affordable, reliable, sustainable and modern energy for all*

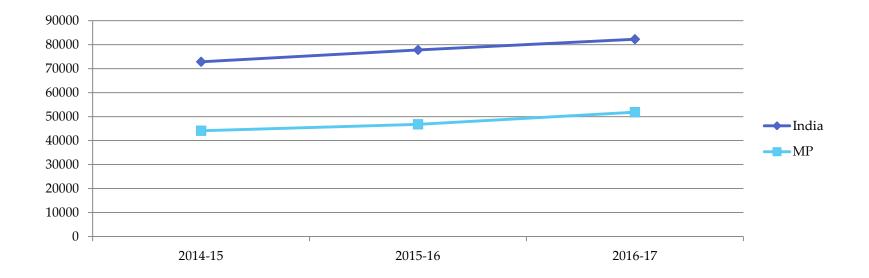
SDG	<b>GROWTH PROJECTIONS</b>	2019-20	2024	2030
07	Percentage of Renewable Energy in the total energy geenrated	10%	25%	30%
07	Surplus power availability	28.5%	16.4%	10%
07	Smart metering for consumers consuming 200 units/ month & above	30%	50%	100%
07	Billing efficiency	85%	88%	>90%
07	Collection efficiency	98%	100%	100%
07	ATC&C loss target	15%	12%	<10%
07	RE capacity targets for MP state- 12.01 GW.	10% of the energy generated	25% of the energy generated	30% of the energy generated
07	Electrification of un-electrified villages (Rural and Urban households)	100%		
07	Per capita consumption(kwh)	1073	1257	1800
07	Smart Grids	Pilot Projects	Smart grid in 3 cities Bhopal, Indore, Jabalpur	Smart grid in 7 Major cities selected under Smart City



#### **SDG 8: DECENT WORK & ECONOMIC GROWTH**

Promote Sustained Inclusive and Sustainable Economic Growth ; Full & Productive Employment & Decent Work For all

Economic Growth	MP (2016)	India (2016)
GSDP % (Const. Prices)	11.08	7.1%
GSDP % (Current Prices)	21.15	





# SDG 8: DECENT WORK & ECONOMIC GROWTH

Promote Sustained Inclusive and Sustainable Economic Growth ; Full & Productive Employment & Decent Work For all

MADHYA PRADESH (FEMALE)					
WORKERS PARTICIPATION RATE					
YEAR	TOTAL	RURAL	URBAN		
2001	33.2	40.7	12.0		
2011	32.6	39.3	15.1		

Un-Employment Rate (UR) Based on Usual Principal				
Status (UPS) in Madhya Pradesh				
(2014-2015)				
			(In Percent)	
State	Second EUS	Third EUS	Fourth EUS	
Madhya Pradesh	2.70	2.20	2.90	
India	3.80	4.70	4.90	



# SDG 8: DECENT WORK & ECONOMIC GROWTH

Promote Sustained Inclusive and Sustainable Economic Growth ; Full & Productive Employment & Decent Work For all

SDG	INDICATORS	Current Year	2020	2024	2030
08	Economic Growth (2017-18)	19.7%	-	_	-
08	Per Capita Income (2016-17)	Rs. 59052	Rs. 65000	Rs. 75000	Rs. 80000
08	Workforce Participation rate (2011)	In No 3,15,74,133 In % - 43.5%	45%	50%	55%
08	Women Workforce Participation rate (2011)	In No. – 11,427,163 In % -32.6%	35%	38%	40%



# **SDG 8: DECENT WORK & ECONOMIC GROWTH**

Promote Sustained Inclusive and Sustainable Economic Growth ; Full & Productive Employment & Decent Work For all

S. No.	Activity	2020	2024	2030
1.	Increase in number of MSMEs registered	200%	500%	1000%
2.	Increase in investment in MP's MSME sector	50%	100%	200%
3.	Increase in employment generation	200%	500%	1000%



# **SDG 9: Industry Innovation And Infrastructure**

SDG	Indicator	Current	Specific (MSME)	Targets
		2016	2023	2030
09	Household access to electricity(%)			
09	LPG Penetration in MP(%)	39	45	75
09	No. of Person having good residential condition per 100 house hold	485(2011)		
09	% of household access tap water	16	32	50
09	% of household having latrine	28.8		
09	Internet Penetration(per 100 population)	21.27		
09	Tele Density (%)	64.23		
09	Functioning bank branches(per 100,000)	9.58		
09	Per capita power consumption(2014-15)	739kwh		
09	% of Employment in Non Farm Activities	35.9	45	60
09	Share of MSMEs in GSDP		10%	20%
09	Increase in amount disbursed under various schemes		15%	20%
09	Increase in credit proposals approved		50%	100%



# **SDG 10: REDUCING INEQUALITY**

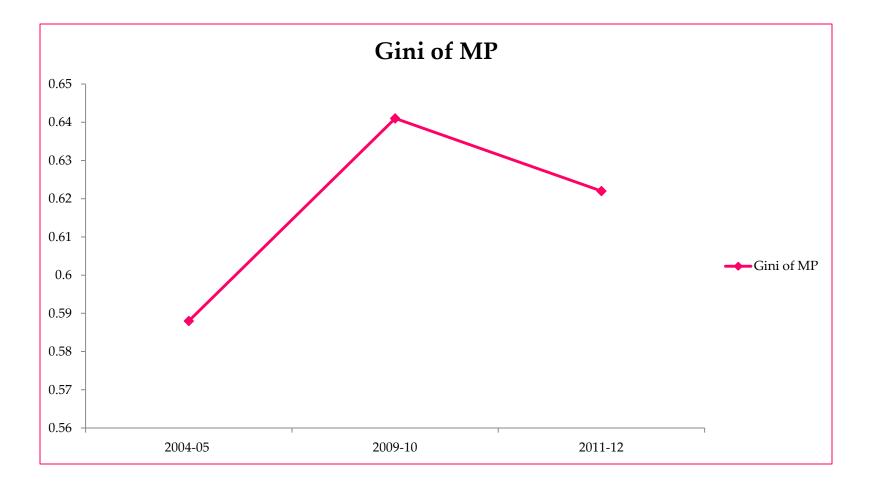
Reduce inequality within and among community

#### Table Distribution of House hold and population SC Others Classification ST OBC A11 Urban 4.59 15.1 37.53 100 42.78 Households (%) Rural 18.57 100 24.51 39.33 17.59 Total 19.94 17.17 38.91 23.37 100 Urban 4.26 15.33 36.82 43.59 100 **Population (%)** Rural 100 24.22 17.95 39.19 18.64 Total 19.93 17.38 38.67 24.12 100

Source Data- MP Economic Survey (2017-18)

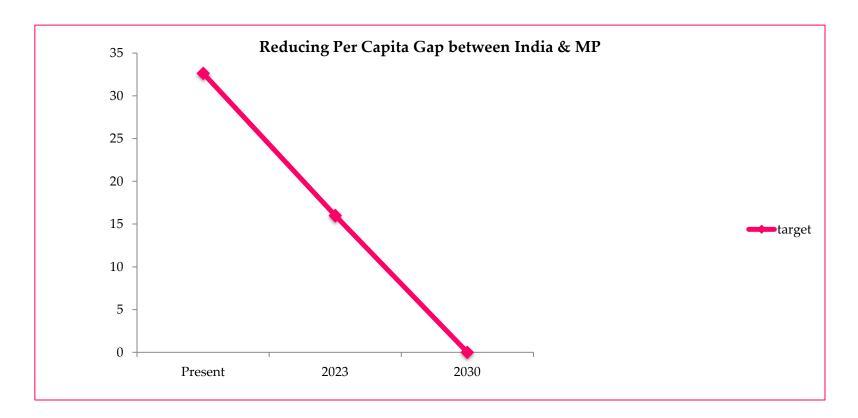


### **SDG 10: REDUCING INEQUALITY** *Reduce inequality within and among community*





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SDG	Activity	2016-17	2024	2030
10	Gap of Gini co. between MP & India(%)	4.11	2	0
10	Gap of Per capita Income between MP & India(%)	32.64	16	0
10	Literacy Gap(Gender)	20.5(2011)	15	0
10	Literacy Gap(Rural- Urban)	14.74(2011- 12)	10	0
	Source Data- census (2011), RBI			



### **SDG 11: SUSTAINABLE CITIES AND COMMUNITIES** *Make cities and human settlements inclusive, safe, resilient and sustainable*

	Indicators	2020	2024	2030
	Transport			
11	Reliable and Safe Public Transport	100%		
	System at all village level			
11	Automated Driver Testing Skill	100%		
11	Interactive Journey Planner	40%	60%	
11	Automated Fare Collection System	20%	50%	30%
11	Intelligent Parking System	20%	50%	30%
11	Automated Vehicle Location	30%	50%	20%
11	Intelligent Traffic Management	50%	30%	20%
	interingent frunte fruntugentent	0070	0070	2070
11	Internetion of Multi Model Transmissi	400/	E09/	100/
	Integration of Multi Modal Transport	40%	50%	10%
	System			
11	(Tourism			
	Conservation of heritage and making	20%	40%	70%
11	them places of tourist attraction	200/	400/	<b>7</b> 00/
11	IT Based-Implementation in GIS based	20%	40%	70%
	activities			



### **SDG 12: RESPONSIBLE CONSUMPTION & PRODUCTION** *Ensure sustainable consumption and production pattern*

Indicator		Year	Unit	Value
Seed Production	Kharif	2016-2017	Quintals	18, 45,652
Seed Froduction	Rabi	2016-2017	Quintals	21, 86,940
Certified Seed	Kharif	2016-2017	Quintals	17, 57,764
Distribution	Rabi	2016-2017	Quintals	20,82,800
Food Grains		2016-2017	Crore MT	4.39
Cropping Intensity		2013-2014	Percentage	155.9
Area Under Canal Irriga	tion	2007-2008	Percentage	17



### **SDG 12: RESPONSIBLE CONSUMPTION & PRODUCTION** *Ensure sustainable consumption and production pattern*

Indicator	Year	M.P.	India		
Crop Insurance Coverage	2015-2016	50.11	26.11		
Gross Domestic Product of Industry*	2013-2014	25.9	26.1		
Net irrigated area	2014-2015	62.43	48.80		
Area under non food crops	2014-2015	35.42	28.00		
All figures are in percentage. *Gross domestic product at constant price.					

		SDG		ESPONSIBLE CONSUMPTION &		
SDG	Indic	ator	Present Situation		Specific Targets	
				2020	2024	2030
12	Milk produ (Million To		14.82	17	24	37
12	Eggs (Million)		1694.1	2100	3100	5500
12	Meat produ (Thousand Tonnes)		79.00	100.00	150.00	264.00
12	Water recha Balram Tal (Number)	arge by	1292	4303	6301	11163
<sup>12</sup> of	Balance use	<sup>e</sup> N	53.46	54.00	56.00	56.00
	of fertilizers	Р	25.58	27.00	28.00	28.00
	(Kg/ha)	Κ	3.80	4.50	8.00	14.00

\*All figures are in percentage.

# Basic services include pucca houses, water, electricity, road connectivity, internet services, and gas connection for cooking.

### SDG 12: RESPONSIBLE CONSUMPTION &

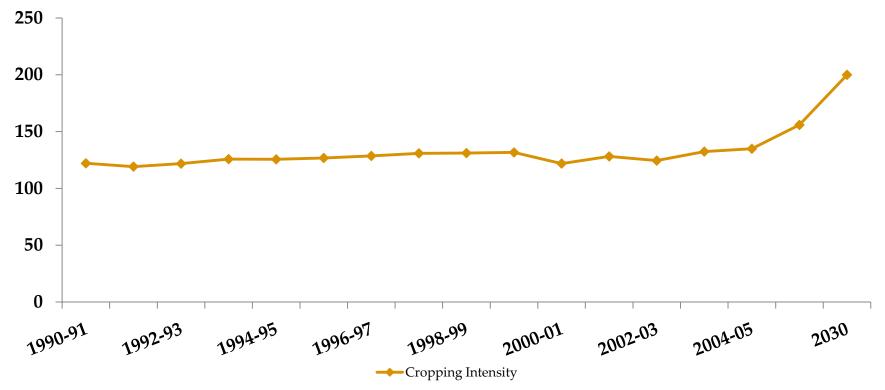
	PRODUCTION				
SDG	Indicator	Present Situation		Specific Targets	
			2020	2024	2030
12	Total number of FPOs*	-	28	80	200
12	Micro-irrigation*	-	17	45	100
12	Export of product*	-	9	24	50
12	Crop Insurance Coverage*	50.11			
12	Gross Domestic Product*	25.9			
12	Net Irrigated Area*	62.43			
12	Area Under Non Food Crop*	35.42			
12	Switching to energy efficient light bulbs*	-	-	-	
12	Coverage of basic services*#	-	-	-	100
12	Area under Food Grains (Million Hectares)	128.02			
12	Net Sown Area (Cropped Area- % of total area)	50			
12	Consumption of Electricity (Kwh per capita)	739			
12	Share of renewable energy sources*	7			
12		10.((			



# SDG 12: RESPONSIBLE CONSUMPTION & PRODUCTION

Ensure sustainable consumption and production pattern

### **Cropping Intensity**





# **SDG 13: CLIMATE CHANGE**

Target	Present	2023	2030
Green Houses Gases			
Forest Cover(% in total area)	30.72	31	33

Target	Present	2023	2030
Wind Energy(MW %)	4.141		
Solar Energy(MW %)	2.999		
Bio-Mass(MW %)	0.3625		
Hydel Project(MW %)	0.3801		
Total Renewable Energy(MW %)	7.88		



# **SDG 14: LIFE BELOW WATER**

Conserve and sustainably use the oceans, seas, and marine resources for sustainable development.

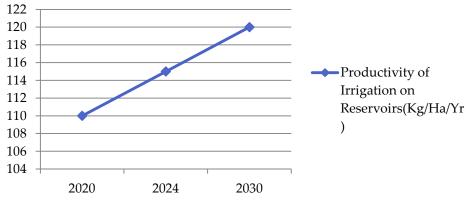
SDG	Activity	2020	2024	2030
14	Available Water Area (In	4.27	4.60	5.25
	Lakh Hectare)			
14	Utilized Water Area (In	4.20	4.50	5.15
	Lakh Hectare)			
14	Fish Seed Production	10948	12852	16660
	(Standard Fry in Lakh)			
14	Fish Production (Metric	142620	179425	253036
	Tonnes)			
14	Productivity of Irrigation	110	115	120
	Reservoirs (Kg/Ha/Yr)			



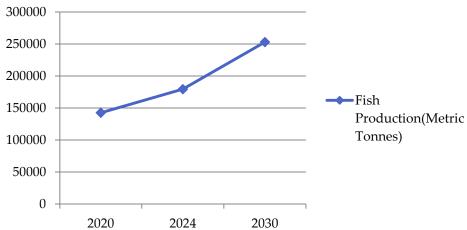
# **SDG 14: LIFE BELOW WATER**

Conserve and sustainably use the oceans, seas, and marine resources for sustainable development.

### Productivity of Irrigation on Reservoirs(Kg/Ha/Yr)



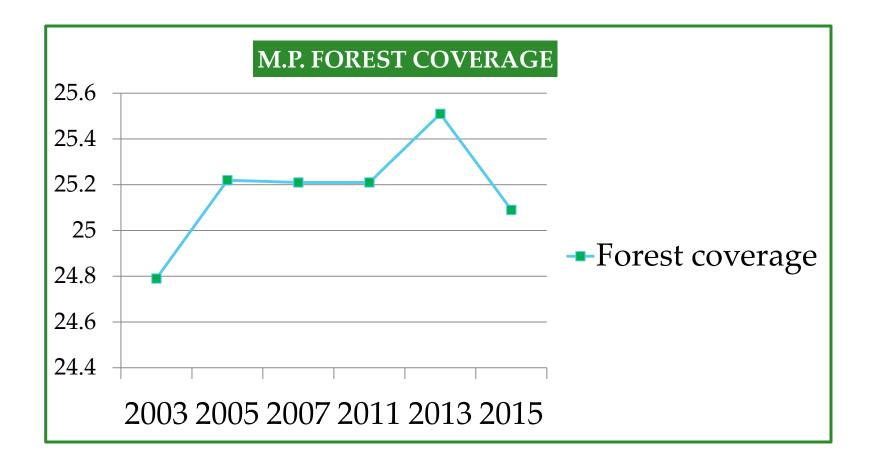






LAND USE	Area	Percentage
Forests Area	94,689 sq km	30.72% of Total geographical area
Very Dense Forest	6629km sq.	7.00%
Moderately Dense Forest	34902 km sq.	36.86%
<b>Open Forests</b>	35931 km sq.	37.95%







SDG	Indicators	2020	2024	2030
15	Forest Coverage Area (in	117670 ha	129437 ha	142380 ha
	ha)	6 Crore	7 Crore	8 Crore
	Number of Plants			(covering
				apprx. 33%)
15	Trend in sustainable	40	100	200
	forestry (Promoting			
	sustainable use of			
	biodiversity resources)			
15	Trend in access to genetic	1584	3214	5419
	resources and equitable			
	sharing of benefits arising			
	from their utilization as per			
	Nagoya Protocol are			
	operational consistent with			
	national logiclations			



Indicators	2020	2024	2030
No. of zoo established	5	6	7
Identification of weak links in wildlife corridors and their Management	25%	25%	50%
Tree cover area with respect to geographical area	28%	30%	33%
Deposit Work Plantation (No of plants)	15 Lakh Plants	20 Lakh Plants	30 Lakh Plants
Yield from farmers field (Package of practices)	30,000 farmers	50,000 farmers	60,000 farmers
Sale of bamboo based tools, equipment & machineries	40,000 Ha mechanized	60,000 Ha mechanized	80,000 Ha mechanized
Mechanization in cultivation and harvesting	bamboo plantation	bamboo plantation	bamboo plantation
	No. of zoo establishedIdentification of weak links in wildlife corridors and their ManagementTree cover area with respect to geographical areaDeposit Work Plantation (No of plants)Yield from farmers field (Package of practices)Sale of bamboo based tools, equipment & machineriesMechanization in cultivation and	No. of zoo established5Identification of weak links in wildlife corridors and their Management25%Tree cover area with respect to geographical area28%Deposit Work Plantation (No of plants)15 Lakh PlantsYield from farmers field (Package of practices)30,000 farmersSale of bamboo based tools, equipment & machineries Mechanization in cultivation and40,000 Ha mechanized bamboo rlantation	No. of zoo established56Identification of weak links in wildlife corridors and their Management25%25%Tree cover area with respect to geographical area28%30%Deposit Work Plantation (No of plants)15 Lakh Plants20 Lakh PlantsYield from farmers field (Package of practices)30,000 farmers50,000 farmersSale of bamboo based tools, equipment & machineries Mechanization in cultivation and40,000 Ha mechanized bamboo plantation60,000 Ha mechanized bamboo



**SDG 16: Peace, Justice and Strong Institution** Promote Peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

SDG	Activity	2020	2024	2030
16	Increase number of police per 1,00,000 population	155	160	165
16	Increase presence of women in the police force in %	20	30	50
16	Increase public satisfaction % of citizens satisfied with service levels	70	80	100
16	Enhance police housing as % police force occupying decent residential facilities	50	70	100
16	Crime rate per 1,00,000 population	300	150	0
16	Violent crime rate per 1,00,000 population	30	15	0
16	Number of Riots in per year	0	0	0



**SDG 16: Peace, Justice and Strong Institution** Promote Peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels

SDG	Activity	2020	2024	2030
16	Crime registration, investigation and sentencing	70	80	100
	Percentage of cases registered from complaints			
16	Investigation			
	Percentage of cases investigated out of registered	70	80	100
16	Charge-sheeting			
	Percentage of investigated cases charge-sheeted	70	80	100
16	Conviction rate	70	80	100
16	Gender Violence	10	5	0



# **SDG 17: PARTNERSHIPS FOR THE GOALS**

Strengthen The Means of Implementation And Revitalize The Global Partnership For Sustainable Development.

	GCI-2016-2017		GCI-2015-2016		GCI 2014-15	
COUNTRY/ STATE	RANK	SCORE (1-7)	RANK	SCORE (1-7)	RANK	SCORE (1-7)
INDIA	39	4.52	55	4.31	71	4.2

Country/ State(City)	Ease Of Doing Business Rank
India	100
<u>Indian Cities Comparative ranking:</u> <u>Indore</u>	11