

Goal 9: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation



The aim of SDG 9 is to develop quality, reliable, sustainable and resilient infrastructure, support economic development and human well-being, facilitate sustainable and resilient infrastructure development with a focus on affordable and equitable access for all and to promote inclusive and sustainable industrialization among many targets. This goal has 8 targets to measure its progress. A total of 16 indicators have been identified at national level to measure and monitor the progress of these targets. The data is available for 14 indicators.

Number of indicators in NIF (Original)	Number of indicators in NIF (Revised)	Values available at National level	State value is available
18	16	14	3

SL	NATIONAL INDICATOR	VALUE OF THE INDICATOR			
		India		Uttar Pradesh	
Target 9.1: Develop quality, reliable, sustainable and resilient infrastructure, including regional and trans-border infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all					
1	9.1.1: Proportion of the rural population who live within 2 km of an all-season road <i>Source: MIS, NSS, Ministry of Statistics and PI / Periodicity: 3 years</i>	Under compilation			
2	9.1.2: Passenger and freight volumes, by mode of transport Source: (1) Railway Board is data source for passenger movement and freight volumes by Railways (2) Research Wing of Ministry of Road Transport and Highway is data source for passenger movement and freight volumes by Roads (3) Ministry of Civil Aviation is data source for passenger movement and freight volumes by air / Periodicity: Annual	Year	2015-16	2016-17	2017-18
		Road Transport (billion Passenger Km/ freight in billion tons km)	15,428/ 2027.40	17,832/ 2260.20	--
		Scheduled Indian Airlines (Passenger in million/ Cargos in million tons)	103.82/ 0.88	0124.56/ 0.93	147.12/ 1.07
		Indian Railways (Passenger in million/ freight in million tonnes)	8107/ 6,55,605	8,116/ 6,20,858	8,286/ 6,93,281
3	9.1.3: Gross Capital Formation by industry of use, (in Rupee crore)	Year	Value		
		2015-16	Current - 42,19,570 Constant - 37,31,740		

SL	NATIONAL INDICATOR	VALUE OF THE INDICATOR		
		India		Uttar Pradesh
	<i>Source: NAD, NSO, Ministry of Statistics and PI / Periodicity: Annual</i>	2016-17	Current - 44,74,728 Constant - 39,07,866	
		2017-18	Current - 50,70,703 Constant - 42,86,988	
Target 9.2: Promote inclusive and sustainable industrialization and, by 2030, significantly raise industry's share of employment and gross domestic product, in line with national circumstances, and double its share in least developed countries				
1	9.2.1: Percentage Share of GVA in Manufacturing to Total GVA <i>Source: National Accounts Division, NSO, MoSPI / Periodicity: Annual</i>	Year	Value	
		2015-16	17.07	
		2016-17	16.76	
		2017-18	16.42	
2	9.2.2: Manufacturing employment as a proportion of total employment, 2017-18 (in percentage) <i>Source: PLFS, National Sample Survey, NSO, Ministry of Statistics and Programme Implementation / Periodicity: Annual</i>		12.1	11.4
Target 9.3: Increase the access of small-scale industrial and other enterprises, in particular in developing countries, to financial services, including affordable credit, and their integration into value chains and markets				
1	9.3.1: Share of household sector in total industry value added, (in percentage) <i>Source: NSO, Ministry of Statistics and Programme Implementation / Periodicity: Annual</i>	Year	Value	
		2015-16	43.70	
		2016-17	43.62	
		2017-18	43.15	
2	9.3.2: Percentage of credit flow to MSME (as a percentage of Total Adjusted Net Bank Credit), (in percentage) <i>Source: Ministry of Micro, Small and Medium Enterprises / Periodicity: Annual</i>	Year	Value	
		2015-16	18.18	
		2016-17	17.29	
		2017-18	16.84	
		2018-19	17.32	
Target 9.4: By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities				
1	9.4.1: CO2 equivalent emission per unit of value added <i>Source: MoEFCC / Periodicity: Annual</i>	Under compilation		
2	9.4.2: Energy use intensity of manufacturing value added, (Tonne of Oil Equivalent /000 rupees) <i>Source: Economic Statistics Division, NSO, MoSPI / Periodicity: Annual</i>	Year	Value	
		2016-17	0.0094	
		2017-18	0.0094	
Target 9.5: Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending				
1	9.5.1: Percentage share of government spending on IPP (Research and Development) to total GDP, (in percentage) <i>Source: National Accounts Division, NSO, MoSPI / Periodicity: Annual</i>	Year	Value	
		2015-16	3.52	
		2016-17	3.82	
		2017-18	3.91	
2	9.5.2: Researchers (in full time equivalent) per million population, 2015 <i>Source: Ministry of Science and Technology / Periodicity: Annual</i>	Under compilation		
3	9.5.3: Total number of patents issued (granted), in number (similar to Indicator 8.2.2 and 8.3.6)	Year	Value	
		2015-16	6,326	

SL	NATIONAL INDICATOR	VALUE OF THE INDICATOR		
			India	Uttar Pradesh
	<i>Source: Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce and Industry / Periodicity: Annual</i>	2016-17	9,847	
		2017-18	13,405	
Target 9.a: Facilitate sustainable and resilient infrastructure development in developing countries through enhanced financial, technological and technical support to African countries, least developed countries, landlocked developing countries and small island developing States				
	National Indicator is under development			
Target 9.b: Support domestic technology development, research and innovation in developing countries, including by ensuring a conducive policy environment for, inter alia, industrial diversification and value addition to commodities				
1	9.b.1: Share of IPP in total Gross Fixed Capital Formation, (in percentage) <i>Source: NAD, NSO, Ministry of Statistics and Programme Implementation / Periodicity: Annual</i>	Year	Value	
		2015-16	12.26	
		2016-17	13.54	
		2017-18	13.64	
2	9.b.3: Share of GVA of Information and Computer related activities in total GVA, (in percentage) <i>Source: NAD, NSO, Ministry of Statistics and Programme Implementation / Periodicity: Annual</i>	Year	Value	
		2015-16	Current price - 4.17	
			Constant price - 4.54	
		2016-17	Current price - 4.46	
			Constant price - 4.90	
		2017-18	Current price - 4.41	
Constant price - 4.88				
Target 9.c: Significantly increase access to information and communications technology and strive to provide universal and affordable access to the Internet in least developed countries by 2020				
1	9.c.1: Number of Internet Subscriptions as percentage of total population, (in percentage) <i>Source: Department of Telecommunications, Ministry of Communications / Periodicity: Annual</i>	Year	Value	
		2015-16	26.98	5.88 (UP-East)
		2016-17	32.86	7.16 (UP-East)
		2017-18	38.02	7.89 (UP-East)
		2018-19	48.48	9.85 (UP-East)
2	9.c.2: Number of broadband subscribers per 10,000 persons <i>Source: Department of Telecommunications, Ministry of Communications / Periodicity: Annual</i>	Year	Value	
		2015-16	1,179	475.96 (UP-East)
		2016-17	2,152	505.60
		2017-18	3,176	694.39
		2018-19	4,289	904.81