

**GOVERNMENT OF INDIA  
MINISTRY OF HOUSING AND URBAN AFFAIRS**

**RAJYA SABHA**

**UNSTARRED QUESTION NO. 1152  
TO BE ANSWERED ON DECEMBER 20, 2018**

**METRO RAIL PROJECTS**

**No. 1152      SHRI MD. NADIMUL HAQUE:**

Will the Minister of HOUSING AND URBAN AFFAIRS be pleased to state:

- (a) the details of the metro rail network operational in the country;
- (b) the details of the metro rail projects currently under various stages of implementation;
- (c) the criteria for selecting cities for metro rail projects;
- (d) the details of funds allocated and released by Government for these projects during the last three years; and
- (e) the details of various modes of financial assistance given by Government for these projects?

**ANSWER**

**THE MINISTER OF STATE (INDEPENDENT CHARGE) OF THE  
MINISTRY OF HOUSING AND URBAN AFFAIRS**

**(SHRI HARDEEP SINGH PURI)**

(a) & (b) The details of operational and under implementation metro rail projects in the country, as available in the Ministry, are given in Annexure I.

(c) Urban transport, which is an integral part of urban development, is a state subject. Respective state governments are, therefore, responsible for initiating and developing urban transport infrastructure, including metro rail projects in cities or urban agglomerates.

(d) The details of funds released by Government of India for metro rail projects which are 50:50 joint ventures of Government of India and respective state government during the last three years are given in Annexure-II.

(e) The Central Government considers financial assistance for metro rail proposals on the basis of the feasibility of the proposal and availability of resources, as and when posed by the concerned state governments. As per Metro Rail Policy- 2017, the options for central financial assistance for metro rail projects as below:

- (i) Projects in the Public Private Partnership (PPP) mode are eligible for grant up to 20% under the Viability Gap Funding Scheme of Ministry of Finance, Government of India.
- (ii) A grant of 10% of the total project cost is admissible for metro projects implemented by state governments subject to the other conditions as per Metro Rail Policy-2017.
- (iii) Equal Sharing of equity between central and state government with a maximum contribution of 20 % of the project cost by the central government.

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ANNEXURE REFERRED TO IN REPLY TO PART (a) & (b) OF THE RAJYA SABHA QUESTION NO. 1152 FOR ANSWER ON 20.12.2018 REGARDING METRO RAIL NETWORK PROJECTS ACROSS INDIA ASKED BY SHRI MD. NADIMUL HAQUE.

DETAILS OF METRO RAIL PROJECTS OPERATIONAL AND UNDER VARIOUS STAGES OF IMPLEMENTATION IN THE COUNTRY

Sr. No	Metro Rail Project	Approx. Completion Cost (Rs. in Crore)	Approximate Length (in Km)		
			Total	Operational	Under implementation
1.	Delhi Metro Phase-I	10,891	65	65	--
2.	Delhi Metro Phase-II including additional corridors and NCR extensions	21,143	102	102	--
3.	Delhi Airport Express Line	4,477	23	23	--
4.	Delhi Metro Project- Phase III including Extensions	46,783	150	127	23
5.	Bangalore Metro Phase-I	13,845	42	42	--
6.	Bangalore Metro Phase-II	26,405	72	--	72
7.	Lucknow Metro Phase-I	6,928	23	9	14
8.	Chennai Metro Phase I	14,600	45	34	11
9.	Extension Chennai Metro Ph- I	3,770	9	--	9
10.	Nagpur Metro	8,680	38	--	38
11.	Kochi Metro Phase I	5,181	26	18	8
12.	Ahmedabad Metro Phase I	10,773	36	--	36
13.	Noida-Greater Noida Metro	5,503	29	--	29
14.	Bhopal Metro	6,941	28	--	28
15.	Indore Metro	7,500	32	--	32
16.	Hyderabad Metro (Public Private Partnership Mode)	12,674	72	46	26
17.	Pune Metro	11,420	31	--	31
18.	Pune Metro Line-3 (Public Private Partnership Mode)	6,124	23	--	23
19.	Jaipur Metro (State Initiative)	3,149	12	10	2
20.	Rapid Metro Gurugram Phase-I (Private initiative)	1,239	5	5	--
21.	Rapid Metro Gurugram Phase-II(Private initiative)	2,396	6	6	--
22.	Mumbai Metro Line-3	23,136	34	--	34
23.	Mumbai Metro Line-I (Public Private Partnership Mode)	2,356	11	11	--
24.	Mumbai Mono Rail	2,460	19	9	10
25.	Navi Mumbai Metro (Executed by City & Industrial Development Corpn (CIDCO))^	3,064	11	--	11
26.	Other metro projects in Mumbai(MMRDA* initiative)	54,126	132	--	132
27.	Kolkata Metro # (M/o Railways)	21,390	135	27	108

^ As per information received from CIDCO; \* As per information received from Mumbai Metropolitan Region Developmental Authority in Mumbai; # As per information received from M/o of Railways. The completion cost includes cost of all under construction metro rail projects and cost of East West Corridor for about 16 km at the approved cost of Rs. 8574 cr funded by M/o Railways -76% & 24% of M/o Housing & Urban Affairs.

ANNEXURE REFERRED TO IN REPLY TO PART (d) OF THE RAJYA SABHA QUESTION NO 1152 FOR ANSWER ON 20.12.2018 REGARDING METRO RAIL NETWORK PROJECTS ACROSS INDIA ASKED BY SHRI MD. NADIMUL HAQUE

DETAILS OF FUNDS RELEASED BY GOVERNMENT OF INDIA FOR METRO RAIL PROJECTS WHICH ARE 50:50 JOINT VENTURES OF GOVERNMENT OF INDIA AND RESPECTIVE STATE GOVERNMENT DURING THE LAST THREE YEARS

(Rs in Crore)

Project	Funds Allocated/ Released*		
	2015-16	2016-17	2017-18
Delhi Metro Rail Project	4,857.54	9,009.43	3,227.23
Chennai Metro Rail Project Ph-I including Extn.	1,773.59	1,585.01	1,181.06
Bangalore Metro Rail Project-Ph. 1&2	1,245.79	667.17	1,034.00
Mumbai Metro Rail Project, Line-3	173.56	1,109.00	3,079.82
Pune Metro Rail Project	0	10.00	500.00
Nagpur Metro Rail Project	84.47	603.00	1,350.00
Noida-Greater Noida Metro Rail Project	0	0	687.62
Lucknow Metro Rail Project	140.92	1,140.00	1,648.00
Ahmedabad Metro Rail Project	366.26	541.00	868.81
Kochi Metro Rail Project	643.96	634.00	303.91
Total	9,286.09	15,298.61	13,880.45

\* Includes Equity, Subordinate Debt, Grant and Pass through Assistance.