

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

**STARRED QUESTION NO. 270**

**TO BE ANSWERED ON DECEMBER 21, 2023**

**LENGTH OF METRO RAIL NETWORK**

**NO. 270    SHRI GAJANAN KIRTIKAR:**

**SHRI KRUPAL BALAJI TUMANE:**

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

- (a) the details of the length of Metro Rail Network (in kms) presently operational in the country State/city-wise including Maharashtra;**
- (b) the criteria for setting up Metro Rail network;**
- (c) the details of the proposals received for construction of Metro Rail during each of the last five years and the current year State/UT, section and city-wise including the estimated cost thereof, section-wise;**
- (d) the details of the proposals sanctioned and are pending including the reasons for delay and the date by which the pending proposals are likely to be sanctioned, State/UT, section and city-wise;**
- (e) the amount of funds allocated, released and utilised for various schemes under the Government and Private participation during the said period, State/UT, section and city-wise;**
- (f) the extent of progress made on the ongoing and approved Metro Rail section,section and city-wise; and**
- (g) the time by which these are likely to be completed/made operational?**

**ANSWER**

**THE MINISTER IN THE MINISTRY OF HOUSING AND URBAN AFFAIRS**  
**(SHRI HARDEEP SINGH PURI)**

**(a) to (g)    A Statement is laid on the Table of the House.**

## **STATEMENT**

**STATEMENT REFERRED TO IN REPLY TO PARTS (a)to(g) OF THE LOK SABHASTARRED QUESTION NO. 270\* (POSITION 10<sup>TH</sup>) FOR ANSWER ON DECEMBER 21, 2023 REGARDING LENGTH OF METRO RAIL NETWORK ASKED BY SHRI GAJANAN KIRTIKAR AND SHRI KRUPAL BALAJI TUMANE**

**(a) & (b) The respective State Governments are responsible for initiating, developing and funding urban transport infrastructure including Metro Rail projects. As per Metro Rail Policy, 2017, the Central Government considers financial assistance for Metro Rail proposals in cities or urban agglomerates based on the feasibility of the proposal and availability of resources, as and when posed by the concerned State Government. At present, about 905 kilometers of Metro Rail network is operational in the country. The details of length of operational Metro Rail network, State/city-wise, including Maharashtra, are given in Annexure I.**

**(c) & (d) The details of Metro Rail proposals received from various State Governments and sanctioned for central financial assistance during each of the last five years and the current year, State/City wise, including the section along with the estimated cost, are given in Annexure II.**

**As Metro Rail projects are cost intensive which require extensive Inter-Ministerial consultations and their approval depends on feasibility of projects and availability of resources, no time limit can be specified for sanction of the project.**

**(e) The details of funds allocated/released to various Metro Rail corporations by the Central Government during the last 5 years and the current year (in the form of Equity, Subordinate Debt, Pass Through Assistance, Grant, Viability Gap Funding etc), State/UT and city-wise, are given in Annexure III.**

**The details regarding funds spent through private participation/contribution for various components of Metro Rail systems such as Automatic Fare Collection system (AFC), Civil works, Electro-mechanical works, system works etc., during the last 5 years and the current year, State/UT and city-wise, are given in Annexure III-A.**

**The details of funds released by this Ministry under various schemes, during the last 5 years and the current year, are given in Annexure III-B.**

**(f) & (g) The physical progress of various ongoing metro rail projects across the country, along with the expected date of completion, is given in Annexure IV:**

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**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) and (b) OF THE LOK SABHASTARRED QUESTION NO. 270\* (POSITION 10<sup>TH</sup>) FOR ANSWER ON DECEMBER 21, 2023 REGARDING LENGTH OF METRO RAIL NETWORK ASKED BY SHRI GAJANAN KIRTIKAR AND SHRI KRUPAL BALAJI TUMANE**

**DETAILS OF LENGTH OF OPERATIONAL METRO RAIL NETWORK, STATE/CITY-WISE, INCLUDING MAHARASHTRA**

<b>Sr No</b>	<b>City</b>	<b>State</b>	<b>Approx Length of Operational Metro Rail Network (in Kms)</b>
<b>1</b>	<b>Delhi &amp; 7 NCR cities (Noida, Ghaziabad, Faridabad, Ballabgarh, Bahadurgarh, Greater Noida and Gurugram)</b>	<b>Delhi, Haryana, Uttar Pradesh</b>	<b>410</b> (including 393 kms of Metro Rail network and 17 kms priority section of Delhi-Meerut RRTS)
<b>2</b>	<b>Bangalore</b>	<b>Karnataka</b>	<b>74</b>
<b>3</b>	<b>Hyderabad</b>	<b>Telangana</b>	<b>69</b>
<b>4</b>	<b>Kolkata</b>	<b>West Bengal</b>	<b>47</b>
<b>5</b>	<b>Chennai</b>	<b>Tamil Nadu</b>	<b>54</b>
<b>6</b>	<b>Jaipur</b>	<b>Rajasthan</b>	<b>12</b>
<b>7</b>	<b>Kochi</b>	<b>Kerala</b>	<b>27</b>
<b>8</b>	<b>Lucknow</b>	<b>Uttar Pradesh</b>	<b>23</b>
<b>9</b>	<b>Kanpur</b>		<b>9</b>
<b>10</b>	<b>Nagpur</b>	<b>Maharashtra</b>	<b>40</b>
<b>11</b>	<b>Pune</b>		<b>24</b>
<b>12</b>	<b>Mumbai</b>		<b>77</b>
<b>13</b>	<b>Ahmedabad</b>	<b>Gujarat</b>	<b>39</b>

**ANNEXURE REFERRED TO IN REPLY TO PART (C) AND (D) OF THE LOK SABHA STARRED QUESTION NO 270(10<sup>TH</sup> POSITION) FOR ANSWER ON 21.12.2023 REGARDING LENGTH OF METRO RAIL NETWORK ASKED SHRI GAJANAN KIRITKAR AND SHRI KRUPAL BALAJI TUMNE.**

**DETAILS OF METRO RAIL PROPOSALS RECEIVED FROM STATE GOVERNMENTS FOR CENTRAL FINANCIAL ASSISTANCE AND SANCTIONED SINCE 2018, STATE-WISE AND YEAR-WISE**

Sr No.	Year of Sanction	State/UT	Name of Project	Length (in Kms)	Sanctioned Completion Cost (in Rs Cr)	Sections
1.	2018	Madhya Pradesh	Bhopal Metro	27.87	6,941.40	(i) Karond Circle to AIIMS (ii) Bhadbhada Square to Ratnagiri Tiraha
2.			Indore Metro	31.55	7,500.80	Bengali Square – Vijay Nagar – Bhawarsala – Airport-Palasia- Bengali Square (Ring Line)
3.		Uttar Pradesh	Delhi Metro Extension from Noida City Centre to Noida Electronic City	6.675	1,967.00	Noida City Centre to Noida Electronic City
4.		Maharashtra	Pune Metro Line III (Public Private Partnership Mode)	23.203	8,313.00	Hinjewadi – Shivaji Nagar
5.	2019	Delhi	Delhi Metro Phase IV (03 Priority Corridors)	65.202	24,948.65	(i) Mukundpur to Maujpur (ii) Janakpuri West – RK Puram (iii) Aerocity to Tughlakabad
6.		Bihar	Patna Metro Rail Project	32.507	13,365.77	(i) Danapur-Mithapur-Khemni Chak (ii) Patna Railway Station to New ISBT
7.		Delhi and Uttar Pradesh	Delhi-Ghaziabad-Meerut RRTS	82.15	30,274.00	Delhi-Ghaziabad-Meerut
8.		Uttar Pradesh	Kanpur Metro	32.385	11,076.48	(i) IIT Kanpur to Naubasta (ii) Agriculture

						<b>University to Barra</b>
<b>9.</b>			<b>Agra Metro</b>	<b>29.4</b>	<b>8,379.62</b>	(i) Sikandara to Taj East Gate (ii) Agra Cantt to Kalindi Vihar
<b>10.</b>			<b>Delhi Metro Extension from Dilshad Garden to New Bus Adda Ghaziabad</b>	<b>9.41</b>	<b>1,781.21</b>	<b>Dilshad Garden to New Bus Adda Shahhed Sthal</b>
<b>11.</b>		<b>Gujarat</b>	<b>Ahmedabad Metro Phase II</b>	<b>28.254</b>	<b>5,384.17</b>	i) Motera to Mahatama Mandir (ii) GNLU to GIFT city
<b>12.</b>			<b>Surat Metro</b>	<b>40.35</b>	<b>12,020.32</b>	(i) Dream City to Sarthana (ii) Bhesan to Saroli
<b>13.</b>	<b>2021</b>	<b>Karnataka</b>	<b>Bangalore Metro Phase 2A &amp; 2B</b>	<b>58.19</b>	<b>14,788.101</b>	(i) CSB Junction – K.R. Pura (ii) K.R. Pura to Airport via Hebbal
<b>14.</b>	<b>2022</b>	<b>Maharashtra</b>	<b>Nagpur Metro Phase II</b>	<b>43.80</b>	<b>6,708.00</b>	(i) MIHAN to MIDC ESR (ii) Automotive Square to Kanhan River (iii) Lokmanya Nagar to Hingna (iv) Prajapati Nagar to Transport Nagar
<b>15.</b>		<b>Kerala</b>	<b>Kochi Metro Phase II</b>	<b>11.2</b>	<b>1,957.05</b>	<b>JLN Stadium to Info Park</b>
<b>16.</b>	<b>2023</b>	<b>Haryana</b>	<b>Millennium City Centre Gurugram to Cyber City, Gurugram with spur to Dwarka Expressway</b>	<b>28.50</b>	<b>5,452.72</b>	i) Corridor from Millenium City Centre to Cyber City Gurugram (ii) Spur from Basai village to Dwarka Expressway
<b>17.</b>		<b>Kerala</b>	<b>Kochi Metro Phase IA</b>	<b>2.0</b>	<b>710.92</b>	<b>Petta to SN Junction</b>
<b>18.</b>		<b>Maharashtra</b>	<b>Pune Metro Corridor 1A: Pimpri-Chinchwad (PCMC to Nigdi)</b>	<b>4.413</b>	<b>910.18</b>	<b>PCMC to Nigdi</b>

**ANNEXURE REFERRED TO IN REPLY TO PART (e) OF THE LOK SABHASTARRED QUESTION NO. 270\* (POSITION 10<sup>TH</sup>) FOR ANSWER ON DECEMBER 21, 2023 REGARDING LENGTH OF METRO RAIL NETWORK ASKED BY SHRI GAJANAN KIRTIKAR AND SHRI KRUPAL BALAJI TUMANE**

**DETAILS OF FUNDS ALLOCATED/RELEASED TO VARIOUS METRO RAIL CORPORATIONS BY THE CENTRAL GOVERNMENT DURING THE LAST 5 YEARS AND THE CURRENT YEAR, STATE/UT AND CITY-WISE**

(All amount in Rs Cr)

S r N o	State/UT	City	Name of Metro Rail Corporation	Funds allocated/released in last 5 years i.e. 2018-19 to 2022-23	Funds allocated during 2023-24	Funds released during 2023-24 (till 05.12.2023)
1.	Delhi, Haryana, Uttar Pradesh	Delhi & NCR	Delhi Metro (DMRC)	10,856.75	2,285.00	1,799.5
2.			Noida Metro (NMRC)	283.00	-	-
3.	Tamil Nadu	Chennai	Chennai Metro (CMRL)	3,273.55	-	-
4.	Karnataka	Bangalore	Bangalore Metro (BMRCL)	13,915.15	3,617.16	1,704.00
5.	Maharashtra	Mumbai	Mumbai Metro (MMRCL)	12,299.82	2,397.94	0
6.		Nagpur	MAHA Metro	4,038.03	1,199.06	1,199.06
7.		Pune		7,275.50	60.00	0
8.			Pune Metropolitan Region Development Authority (PMRDA)	The Central Government has committed to provide a Viability Gap Funding of Rs 1224.8 Cr for Pune Metro Line 3. Out of this, Rs 410 Cr has been released in November, 2023.		
9.	Kerala	Kochi	Kochi Metro (KMRL)	205.42	264.00	0
10.	Uttar Pradesh	Lucknow	Uttar Pradesh Metro (UPMRCL)	1,873.08	-	-
11.		Kanpur		4,382.86	1736	868
12.		Agra		2,264.76	1309	487.25
13.	Gujarat	Ahmedabad & Gandhinagar	Gujarat Metro (GMRC)	7,538.71	628	517.6
14.		Surat		2,436.71	2264	1835
15.	Madhya Pradesh	Bhopal	Madhya Pradesh Metro (MPMRCL)	890.84	1240	78.61
16.		Indore		609.79	1038.84	544.74
17.	Bihar	Patna	Patna Metro (PMRCL)	700.00	1479	402.5
18.	Delhi, Uttar Pradesh	Delhi-Ghaziabad-Meerut (Delhi Meerut RRTS)	National Capital Region Transport Corporation (NCRTC)	12,593.65	3596	2833
19.	West Bengal	Kolkata	Kolkata Metro (KMRCL) (Funded by M/o	634.53	-	-

			<b>Railways – 74% &amp; M/o Housing and Urban Affairs – 26%)</b>			
<b>20.</b>		<b>Kolkata</b>	<b>Metro Railway, Kolkata (under M/o Railways)</b>	<b>M/o Railways has informed that during last5 years, an amount of Rs 12,475 Cr has been allocated for metro projects in Kolkata.</b>		



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**DETAILS REGARDING FUNDS SPENT THROUGH PRIVATE PARTICIPATION/CONTRIBUTION FOR VARIOUS COMPONENTS OF METRO RAIL SYSTEMS DURING THE LAST 5 YEARS AND THE CURRENT YEAR, STATE/UT AND CITY-WISE**

<b>Sr No</b>	<b>State</b>	<b>City</b>	<b>Name of Metro Rail Corporation</b>	<b>Funds received through private participation since FY 2018-19 to till date i.e. 30.11.2023 (in Rs Cr)</b>
<b>1</b>	<b>Maharashtra</b>	<b>Mumbai</b>	<b>Mumbai Metro Rail Corporation Limited</b>	<b>508.00</b>
<b>2</b>		<b>Nagpur</b>	<b>Maharashtra Metro Rail Corporation Limited</b>	<b>202.17</b>
<b>3</b>		<b>Pune</b>		<b>117.91</b>
<b>4</b>			<b>Pune Metropolitan Region Development Authority (For Pune Metro Line 3)</b>	<b>3,248.25</b>
<b>5</b>	<b>Telangana</b>	<b>Hyderabad</b>	<b>Hyderabad Metro Rail Limited</b>	<b>5,202.52</b>

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**DETAILS OF FUNDS RELEASED BY THIS MINISTRY UNDER VARIOUS SCHEMES, DURING THE LAST 5 YEARS AND THE CURRENT YEAR**

**(All amount in Rs Cr)**

<b>Sr No</b>	<b>Name of Scheme</b>	<b>Funds released from FY 2018-19 to till date i.e. November, 2023 (in Rs Cr)</b>
<b>1</b>	<b>Smart Cities Mission (SCM)</b>	<b>31,883.34</b>
<b>2</b>	<b>Pradhan Mantri Awas Yojna (PMAY)</b>	<b>1,30,606.98</b>
<b>3</b>	<b>Atal Mission for Rejuvenation and Urban Transformation (AMRUT) – Project Component</b>	<b>26,038.63</b>
<b>4</b>	<b>*Projects under Atal Mission for Rejuvenation and Urban Transformation (AMRUT) 2.0 - Project Component</b>	<b>6,907.88</b>
<b>5</b>	<b>Swachh Bharat Mission (SBM)</b>	<b>9,649.66</b>
<b>6</b>	<b>Deendayal Antyodaya Yojana – National Urban Livelihoods Mission (DAY-NULM)</b>	<b>3,586.46</b>

**\*Launched in October, 2021**

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**PHYSICAL PROGRESS OF VARIOUS ONGOING METRO RAIL PROJECTS ACROSS THE COUNTRY ALONG WITH THE EXPECTED DATE OF COMPLETION**

Sr No	State/UT	City	Name of Metro Rail Project	Physical Progress (in %) as on November, 2023	Expected date of completion
1.	Delhi	Delhi & NCR	Delhi Metro Phase IV	43.75	March, 2026
2.	Delhi, Haryana		Millennium City Centre Gurugram to Cyber City, Gurugram with Spur to Dwarka Expressway	Preliminary works are in progress	July, 2027
3.	Karnataka	Bangalore	Bangalore Metro Phase II	89.50	March, 2025
4.			Bangalore Metro Phase 2A & 2B	31.00	June, 2026
5.	Kerala	Kochi	Kochi Metro Phase II	1.2	November, 2026
6.			Kochi Metro Phase 1B (State initiative)	84.4	January, 2024
7.	Uttar Pradesh	Kanpur	Kanpur Metro	56.00	June, 2026
8.		Agra	Agra Metro	23.30	December, 2025
9.	Gujarat	Ahmedabad & Gandhinagar	Ahmedabad Metro Phase I	99.20	March 2024
10.			Ahmedabad Metro Phase II	44.27	December, 2024
11.		Surat	Surat Metro	32.62	June, 2025
12.	Madhya Pradesh	Bhopal	Bhopal Metro	21.63	December, 2026
13.		Indore	Indore Metro	32.88	December, 2026
14.	Bihar	Patna	Patna Metro	32.82	June, 2027
15.	Maharashtra	Pune	Pune Metro Phase I	98.95	March, 2024
16.			Pune Metro Corridor 1A: Pimpri-Chinchwad (PCMC to Nigdi)	Preliminary works are in progress	January, 2027
17.			Pune Metro Line - 3 (PPP Mode)	40.30	March, 2025
18.		Nagpur	Nagpur Metro Phase II	1.94	December, 2027
19.		Mumbai	Mumbai Metro Line - 3	87.20	June, 2024
20.			Mumbai Metro Line 2B - DN Nagar to Mandale (State initiative)	58.64	June, 2025
21.			Mumbai Metro Line 4 - Wadala to Kasarwadavali	63.26	December, 2025

			(State initiative)		
22.			Mumbai Metro Line 5 - Thane-Bhiwandi-Kalyan (State initiative)	41.36	June, 2026
23.			Mumbai Metro Line 6 - Swamisamarth Nagar to Vikhroli (State initiative)	73.25	December, 2025
24.			Mumbai Metro Line 9/7A - Dahisar to Mira Bhayander/ Andheri to CSIA (State initiative)	47.00	December, 2025
25.			Mumbai Metro Line 4A - Kasarwadavali to Gaimukh (State initiative)	62.86	December, 2025
26.			Mumbai Metro Line 10 - Gaimukh to ShivajiChowk (State initiative)	Preparatory works are in progress.	October, 2026
27.			Mumbai Metro Line 12 - Kalyan to Taloja (State initiative)		October, 2026
28.	Delhi, Uttar Pradesh	Delhi-Ghaziabad-Meerut	Delhi Meerut RRTS	69.30	June, 2025
29.	West Bengal	Kolkata	Kolkata Metro East West Corridor (Funded by M/o Railways – 74% & M/o Housing and Urban Affairs – 26%)	96.00	M/o Railways has informed that completion of project depends on various factors like quick land acquisition by State Government, forest clearance by officials of forest department, shifting of infringing utilities, statutory clearances from various authorities, geological and topographical condition of area, law and order situation in the area of the project site, number of working months in a year for particular site due to date of completion for these projects cannot be ascertained at
30.			Dum Dum Airport to New Garia via Rajarhat*	65.00	
31.			Joka-BinoyBandal Dinesh Bagh via Majerhat including Joka-Diamond Park (MM)*	61.00	
32.			Noapara – Barasat via Bimanbandar *	15.00	
33.			Baranagar – Barrackpore-Dakshineswar*	15.00	

					<b>this stage.</b>
<b>34.</b>	<b>Tamil Nadu</b>	<b>Chennai</b>	<b>Chennai Metro Phase II (State initiative)</b>	<b>20.19</b>	<b>December, 2027</b>

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