

**GOVERNMENT OF INDIA
MINISTRY OF HOUSING AND URBAN AFFAIRS
RAJYA SABHA
UNSTARRED QUESTION NO. 224
ANSWERED ON 02/02/2026**

PARAMETERS USED FOR APPROVING METRO RAIL PROJECTS

224. SHRI MALLIKARJUN KHARGE:

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

- a) whether Government relies on population projections based on 2011 Census while evaluating and approving proposals for new Metro Rail projects;
- b) if so, details of methodology used for such projections and whether Government has assessed their accuracy, given demographic changes in many cities since 2011;
- c) parameters considered while assessing viability of Metro Rail projects, including population size, projected ridership, economic activity, employment concentration and investment patterns; and
- d) details of all Metro Rail projects approved during the last five years, project-wise, including all parameters indicating population considered, source of population data, applicable eligibility threshold, projected ridership and approval status vis-à-vis population criterion?

ANSWER

**THE MINISTER OF STATE IN THE MINISTRY OF HOUSING AND URBAN AFFAIRS
(SHRI TOKHAN SAHU)**

(a) to (c): Urban Transport, which is an integral part of urban development is a State subject. Hence respective Government / Union Territories are responsible for planning initiation of development of urban transport infrastructure including metro rail projects. Metro projects are cost intensive, therefore these need to be planned carefully to ensure long term sustainability. In this background, Metro projects undergo intensive examination in Central Government at different level in term of extant policy guidelines as and when same is posed by State Government. The approval of project is done after examination of proposals in entirety (not necessarily only population criteria), however it is always subject to feasibility of proposal and availability of resources Ministry of Housing and Urban Affairs has issued detailed appraisal guidelines based upon which the appraisal of proposal of Metro projects is carried out.

(d):Details of Metro Rail Projects approved during the five years including current year are as per Annexure – I.

ANNEXURE REFERRED TO IN REPLY TO PART (d) OF THE RAJYA SABHA UNSTARRED QUESTION NO 224 FOR ANSWER ON 02.02.2026 REGARDING PARAMETERS USED FOR APPROVING METRO RAIL PROJECTS.

METRO RAIL PROJECTS APPROVED DURING FIVE YEARS INCLUDING THE CURRENT YEAR:

Financial Year	Metro Rail Project	Length (in km)	Cost in (Rs cr)	Projected Ridership (as per DPR)	Population as per Census 2011
FY 2021-22	Bangalore Metro Rail Project Phase 2A & 2B	58.19	14,788.101	7,71,000 (2025)	84,43,675
FY 2022-23	Kochi Metro Phase 1A	2	710.92	46,000 (2025)	21,19,724
	Kochi Metro Phase II	11.2	1,957.05	1,13,572 (2025)	
	Nagpur Metro Phase II	43.8	6,708.00	7,44,000 (2031)	24,05,665
FY 2023-24	Millenium City Centre to Cyber City Gurugram (Part of NCR)	28.5	5,452.72	5,63,175 (2026)	15,14,432
	Extension of Corridor 1 of Pune Metro Phase 1 - PCMC - Nigdi	4.413	910.18	29,000 (2023)	31,24,458
	Delhi Metro Phase IV (2 Balance Corridor)	20.7	8,400.00	5,01,487 (2031)	1,10,34,555
FY 2024-25	Bangalore Metro Rail Project Phase 3	44.65	15,611.00	6,35,000 (2028)	84,43,675
	Thane Integral Metro Rail Project (Part of MMR)	29	12,200.10	6,47,000 (2029)	18,41,488
	Pune Metro Rail Project Phase 1 Extension from Swargate to Katraj	5.46	2,954.53	95,000 (2027)	31,24,458
	Chennai Metro Rail Project Phase II	118.9	63,246.00	17,73,000 (2025)	46,46,732
	Delhi Metro Rithala Kundli	26.43	6,230.99	1,26,000 (2028)	1,10,34,555
FY 2025-26	Pune Metro Phase 2	12.75	3,626.24	96,000 (2027)	31,24,458
	Extension of Noida Metro	2.6	416.34		

Financial Year	Metro Rail Project	Length (in km)	Cost in (Rs cr)	Projected Ridership (as per DPR)	Population as per Census 2011
	Aqua line from Depot Station to Boraki MMTH			33,139 (2031)	7,39,000
	Lucknow Metro Rail Project Phase 1B	11.165	5,801.05	2,74,074 (2027)	28,17,105
	Pune metro Phase 2 Line 4 Kharadi to Khadakwasla	31.63	9,857.85	4,09,000 (2028)	31,24,458
	Delhi Metro Phase VA (Part of NCR)	16.07	12,014.91	2,61,000 (2029)	1,10,34,555