

Bengaluru takes top spot in electric car registrations

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Bengaluru outpaced Mumbai, Delhi, and Pune in 2023 to become India's leading city for electric car registrations. The city's tech-savvy workforce, increased acceptability, zero road tax,

subsidised electricity for EV charging, and a wide charging station network contributed to this surge.

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Electric car registrations in Karnataka's capital surged more than threefold in 2023 to 8,690 units, overtaking the growth witnessed in the other three cities, according to data from Jato Dynamics that *Business Standard* reviewed.

Bengaluru is not only embracing



electric cars but also electric two-wheelers. The city, according to the data, has consistently held the top position in India for electric two-wheeler registrations over the past four

CHARGED-UP

Year	Electric cars registered in India	Change (in % Y-o-Y)
2020	3,332	NA
2021	12,951	288.7
2022	36,087	178.6
2023	87,927	143.7

Leaderboard

E-cars registered

2020	2021	2022	2023
Delhi 442	Mumbai 1,700	Mumbai 4,745	Bengaluru 8,690
Bengaluru 403	Delhi 1,522	Delhi 3,748	Delhi 8,211
Mumbai 398	Bengaluru 1,020	Pune 2,914	Hyderabad 6,408
Pune 171	Hyderabad 856	Bengaluru 2,479	Mumbai 5,425
Hyderabad 134	Pune 794	Hyderabad 2,225	Pune 3,991

Source: Jato Dynamics

years.

Vivek Srivatsa, chief commercial officer (CCO) of Tata Passenger Electric Mobility (TPEM), attributed India's technology city's up-move in electric car

registrations to a combination of factors. "Karnataka's EV policy has been a significant driver towards EV adoption. This is through initiatives like zero road tax, subsidised electricity for

EV charging, increase in government-owned public charging stations, and regular industry engagement," he said.

He further said: "The city features a robust public charging ecosystem driven by various charging point operators (CPOs). This allows the community to continue spreading positive word of mouth about EVs."

In 2023, India recorded a total of 87,927 electric car sales and registrations, according to Jato Dynamics' data. TPEM, a subsidiary of Tata Motors, dominated the Indian electric car market, securing a 71.7 per cent share in terms of volume.

Hyderabad climbed to the third spot for electric car registrations in 2023, up from fifth in 2022, thanks to its extensive charging infrastructure and tech-savvy workforce. Registrations nearly trebled to 6,408 units, showed the data.

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Mumbai EV sales hit by range anxiety

However, Mumbai dropped from first place in 2022 to fourth in 2023. Industry sources suggest that range anxiety, lack of affordable electric car options, and insufficient public charging stations are slowing growth in some cities. Chennai, Ahmedabad, and Jaipur maintained their positions at sixth, seventh, and eighth, respectively.

Tarun Garg, chief operating officer (COO), Hyundai Motor India (HMIL), told Business Standard that Bengaluru contributes more than 11 per cent of the company's EV sales, making it the second-largest market for its EV portfolio.

The South Korean carmaker currently sells two electric cars — Ioniq 5 and Kona Electric — in India.

“Presence of numerous tech companies, startups, and a young, dynamic workforce has fuelled increased awareness and acceptance of EVs. Notably, 72

per cent of IONIQ 5 customers in Bengaluru are businesspersons, underscoring the city's status as a hub for multinational companies and startups. Additionally, 22 per cent of Ioniq 5 customers in Bengaluru are female, double the overall HMIL average of 11 per cent. This reflects the city's inclusive market dynamics,” Garg said.

He said Bengaluru has also seen a rapid development of EV charging infrastructure. Moreover, HMIL has expanded its own public network of ultra-fast chargers in the city. “We are also witnessing a dramatic shift of customers replacing their second car in the household with an EV. This is due to the ease of driving in traffic and its low running cost,” he added.

Additionally, Bengaluru has a thriving EV taxi segment, primarily driven by corporate fleets and EV ride-hailing apps. “Together, these factors have driven rapid

adoption in Bengaluru, with Tata EVs witnessing growth at 74 per cent year-on-year (Y-o-Y) in FY 24,” he added. According to Jato Dynamics, Bengaluru and Pune have consistently been the top two cities for electric two-wheeler registrations in India over the last four years.

“These cities are not just embracing the future of mobility; they are shaping it. The robust startup ecosystem in Bengaluru has not only diversified consumer options but also propelled the development of cutting-edge two-wheeler technology. Coupled with an extensive and ever-improving charging network, it's clear that Bengaluru is setting a high standard for EV accessibility and convenience,” said a spokesperson of Greaves Electric Mobility, which sells electric two-wheelers under the ‘Ampere’ brand name.

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