

Electric vehicle charging sessions to exceed 1.5 billion in 2026

A Juniper Research study reveals that the global volume of electric vehicle (EV) charging sessions, where an EV's battery is charged using a charging point, will exceed 1.5 billion per annum in 2026, from just 200 million in 2021. This remarkable growth rate of more than 665% over the next five years will be driven by greater government incentives for electric vehicles, as well as more widespread charging service availability.



Source: [Unsplash](#)

The research identified incentives for EV ownership as having significantly increased take-up in Europe, with coordinated incentives packages needed in North America to stimulate growth. To support greater electrification, Juniper Research recommends that EV charging vendors work with governments and other stakeholders, including fuel retailers, to plan coordinated public charging network roll-outs or the mass electrification of mobility will stall.

Home charging still dominating EV charging sessions, but not revenue

The new research, *EV Charging: Key Opportunities, Challenges & Market Forecasts 2021-2026*, found that home charging will decline slightly; accounting for over 70% of all EV charging sessions in 2026, compared with just over 80% in 2021. However, the report found that this dominance does not directly translate into hardware revenue for charging point vendors, with public charging stations accounting for 56% of charging point hardware revenue globally in 2026.

Research author Nick Maynard explained: “While EV charging at home will largely remain dominant, public charging roll-outs will be a major focus going forward, and their installation will be critical to enabling users who do not have off-road parking to join the electric mobility revolution.”

Fast charging represents next battleground

The research found that as EVs become longer range and more powerful, fast-charging DC (direct current) stations will be the next key competitive battleground within the EV charging landscape. The report recommends that vendors work on

partnerships with key destinations, such as car parks and retailers now, in order to schedule fast charger roll-outs, or they will lose ground to faster-moving competitors.

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