Summary
The availability of electric vehicle supply equipment (EVSE) is a primary concern for developing an EV market in the U.S. As federal, state, and local officials introduce new policies, programs, and incentives to support infrastructure development, our study found a number of approaches to be effective. For more details about these results, please reference the full report.

Incentives, Laws and Programs Drive Development of an EV Charging Market

Several policy types positively impact EV charging market development, each in their own way. States with these policies have more developed markets than states without them. EVSE Market Development Score is a weighted average of charging stations deployed per capita (75% weight) and EV sales per capita (25% weight). While this figure shows scores in ones and tenths, original scores were in thousandths and ten-thousandths; scores were multiplied by a factor of 1,000 to improve readability of this figure.

About This Study
This study evaluated the effectiveness of various policy approaches in contributing to EV charger deployments and broader EV charging market development. The study combined statistical analysis and stakeholder interviews to evaluate the effect of major EV charger policies on the deployment of EV charging stations.