

Plug-in electric vehicles in the United States

The adoption of **plug-in electric vehicles in the United States** is supported by the American federal government, and several states and local governments. As of December 2019, cumulative sales in the U.S. totaled 1.45 million highway legal plug-in electric cars since 2010.^[2] The American stock represented 20% of the global plug-in car fleet in use by the end of 2019, and the U.S. had the world's third largest stock of plug-in passenger cars after China (47%) and Europe (25%).^[2]

The U.S. market share of plug-in electric passenger cars increased from 0.14% in 2011 to 0.75% in 2014, and fell to 0.66% in 2015.^{[3][4]} Then climbed to 1.13% in 2017, and achieved a record take rate of 2.1% in 2018, but slightly declined to 1.9% in 2019.^{[5][6][7]} California is the largest plug-in car regional market in the country, with almost 670,000 plug-in electric vehicles sold by the end of 2019.^{[8][9]}

As of December 2019, the Tesla Model 3 all-electric car is the all-time best selling plug-in electric car with an estimated 300,471 units delivered, followed by the Tesla Model S electric car with about 157,992, and the Chevrolet Volt plug-in hybrid with 157,054 units of both generations.^[1] The Model S was the best selling plug-in car in the U.S. for three consecutive years, from 2015 to 2017,^{[10][11]} and the Model 3 topped sales in 2018 and 2019.^{[12][13]}

The Energy Improvement and Extension Act of 2008 granted federal tax credits for new qualified plug-in electric vehicles, which is worth between US\$2,500 and US\$7,500 depending on battery capacity.^[14] As of 2014, Washington, D.C. and 37 states and had established incentives and tax or fee exemptions for BEVs and PHEVs, or utility-rate breaks, and other non-monetary incentives such as free parking and high-occupancy vehicle lane access.^[15]

U.S. all-time top-selling plug-in cars
(sales as of December 2019)^[1]



Tesla Model 3 electric car (~300,471)



Tesla Model S electric car (157,992)



Chevrolet Volt plug-in hybrid
(157,054)

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