



# Calculating ev cost per mile

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Switching to an electric vehicle will save you money on fuel costs, but there are other maintenance related savings too. Consider that EVs have 1/3 of the moving parts compared to traditional gasoline vehicles. Less moving parts, equals less maintenance related costs in the long run. See if an EV is right for you by visiting the following resources:

Continue reading to get more results, including the cost per mile results for 277 different electric car models.

If you're looking for the cost per mile of a specific electric car, simply hit Ctrl + F (on Windows/Linux) or Cmd + F (on macOS OSX) to search for a model.

It costs \$0.045 per mile to drive an electric car, on average, based on 277 different models.

The most common cost per mile for an electric car is \$0.0388.

The cost per mile figures assume a kWh price of \$0.13 (this was the average cost per kWh in the US in 2020, the average is a little higher in 2024 at \$0.15).

To see your own specific electric car cost per mile in 2024, skip to the calculator in the next section.

Source: EV models and efficiency sourced from fueleconomy.gov.

Get more details about the cost of charging an electric car at home, here, and find out how long it takes to charge an electric car (specifically, 264 different models).

This is the "kWh/100 mi" figure which is commonly publicized. A real world figure should be accessible via the EV's console.

Then just enter the price you pay per kWh, which should be listed on your electricity bill.

This calculator is pre-populated with the average electric car efficiency of 34.6 kWh/100 miles, and the typical US cost per kWh in 2024.

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