



How do consumers use their EVs?

November 2023

Methodology

This survey was conducted online over a one-week period from Nov. 1 to Nov. 8 of 2023. It was composed of 364 respondents from our policy newsletter subscriber list.

Of the 364 respondents, 88% have an electric car or truck in their household. 15% of respondents have an e-bike or an electric bike, while 2% own an electric motorcycle or electric scooter. In total, 38% of respondents own multiple EVs.

Respondents were asked the following questions:

- What kind of occasions do you use your two- or three-wheeled EV for?
- How far do you travel to go to work one-way?
- How far do you have to travel to do errands (such as buying groceries) one-way?
- What percentage of your trips are under 5 miles?





Main findings

Two- or three-wheeled EVs are used for leisure, rather than function.

88% of respondents with a two- or three-wheeled EV reported that they use them for fun activities, compared to only 34% who use them for errands.

Occasions like errands are largely shorter trips than the commute to work.

40% of respondents travel 5 miles or less for errands, compared to only 18% who travel 5 miles or less for work. Short trips are terrific use cases for EVs of all shapes, types and sizes.

Almost 90% of consumers are taking at least some drives less than 5 miles.

A high number of respondents use their vehicles to take short trips, with 22% of respondents doing so over half of the time.

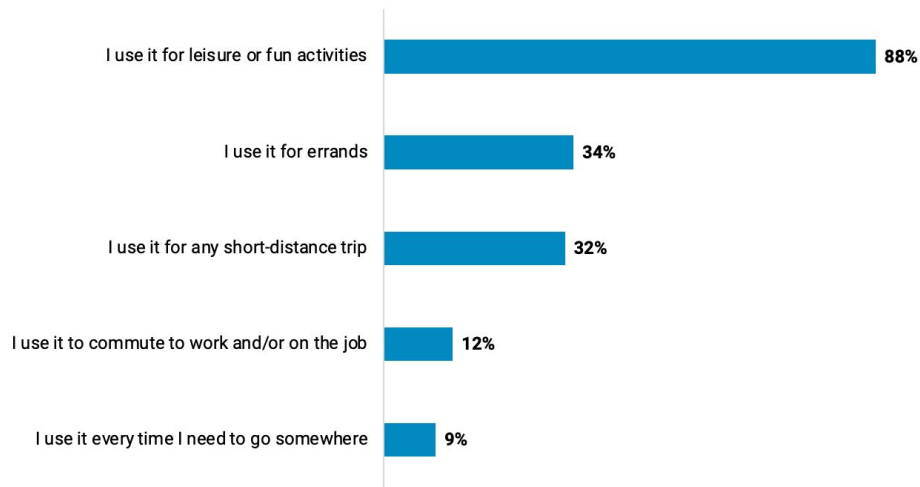
Two- or three-wheeled EVs are largely used for leisure, not function.

88% of respondents answered that they use their two- or three-wheeled EV for leisure or fun activities.

34% of respondents use their electric bikes, scooters or motorcycles to run errands, while only 12% use it to commute to work.

32% of respondents use their two- or three-wheeled EVs for short-distance trips, while 9% use it every time they need to go somewhere.

What kind of occasions do you use your two or three-wheeled EV for?

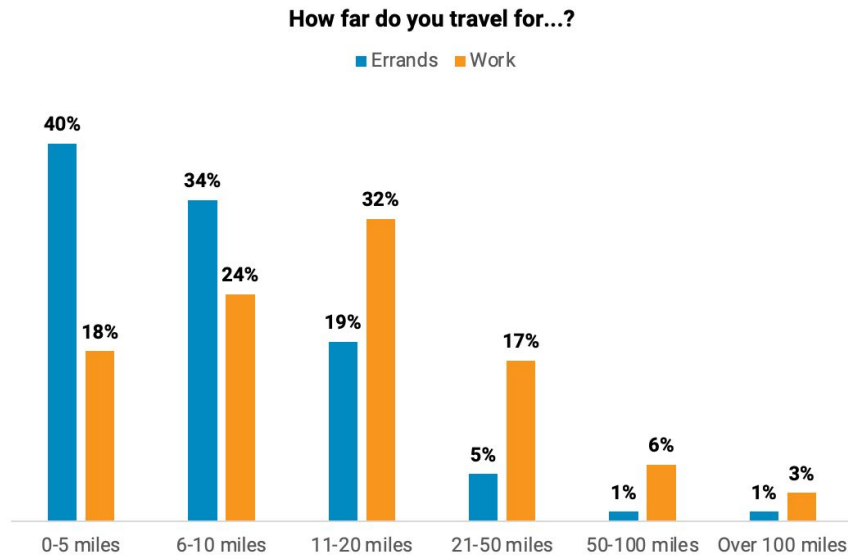


*Respondents were allowed to choose more than one option, so sum of percentages does exceed 100%.

40% of respondents find themselves traveling 5 miles or less for errands, compared to only 18% for work.

In general, trips for errands are shorter than the commute for work. This makes them a great use case for consumers that are looking to use EVs of any types, shapes and sizes.

58% of respondents travel over 10 miles for work, compared to only 26% of respondents who do so for errands.



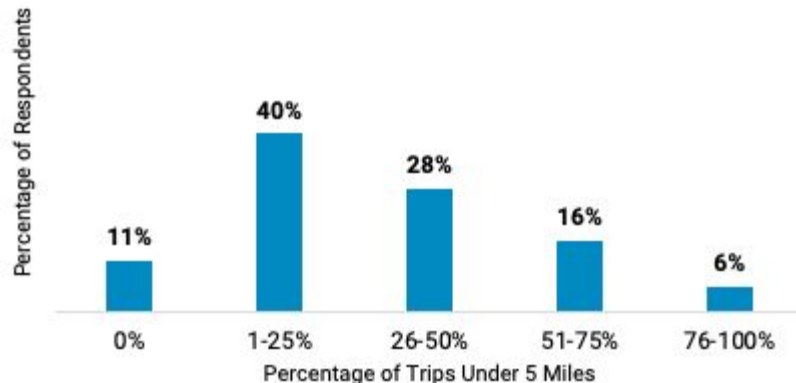
*222 respondents answered that they do not travel for work. These respondents were not included in the analysis.

Almost 9 out of every 10 respondents are taking at least some trips that are less than 5 miles.

Only 11% of respondents answered that they do not take trips under 5 miles. This leaves about 89% of respondents who are taking trips less than 5 miles at least sometimes.

6% of respondents are almost always taking trips that are less than 5 miles.

What percentage of your trips are under 5 miles?



*Due to rounded decimals, sum of percentages does not equal 100%



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