

Registered EVs in CT Thru First Half 2024

Photo above – EV registration trends. Post and chart by Barry Kresch

Updated EV Registration Counts as of July 1, 2024

- 52,691 Registered Electric Vehicles in CT
- 33,386 Battery Electric Vehicles
- 19,211 Plug-in Hybrids
- 91 eMotorcycles
- 3 Fuel Cell

These data come from the Department of Energy and Environmental Protection (DEEP) and is the semi-annual update that is required by the legislature. We won't have the full dataset that enables us to publish the dashboard for a couple of months.

The increase over the past 12 months has been 57%. Despite the frequent gloom and doom reporting in the general press around EVs, we are just not seeing it in the CT registration data. The sales data are pretty positive, too. According to Kelly Blue Book, EVs as a percentage of total car sales was 8% nationally, a record, exceeding the previous record of 7.2% set in the second quarter of last year.

EV Makes

Just one caveat as we look at some of the top performers. This is a relatively unclean dataset. For example, Subaru is spelled 3 different ways and shows up as 3 separate totals. I have not cleaned this up. I do this for the main dashboard.

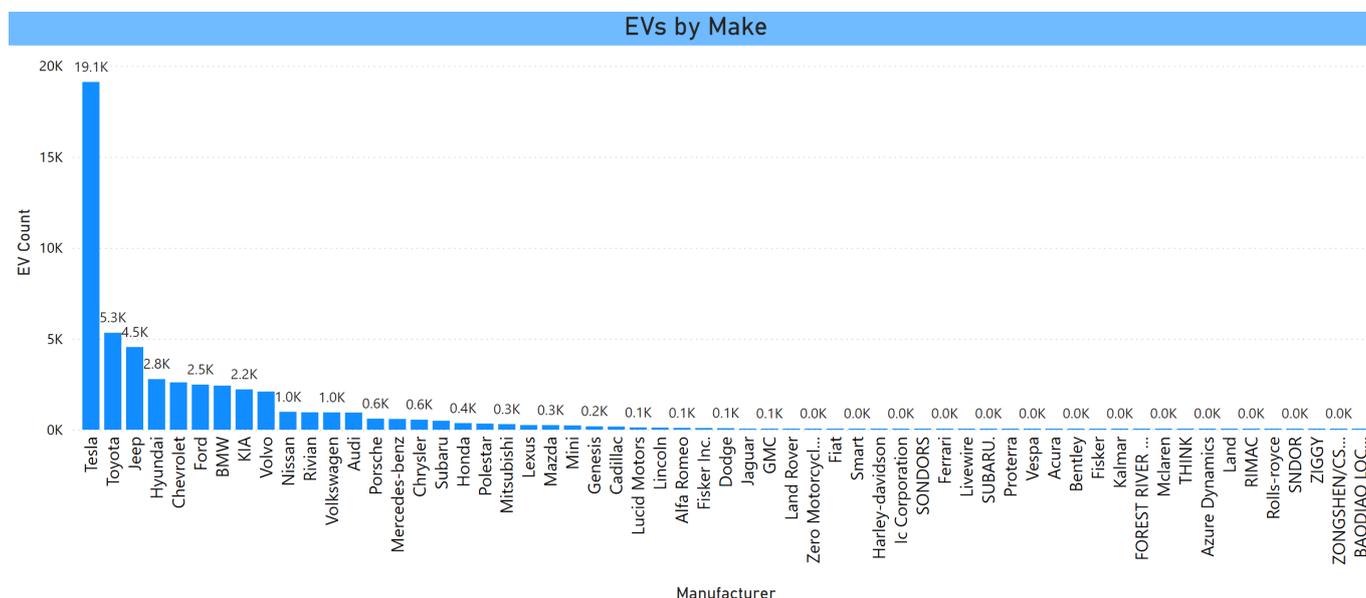
Also, the file does not enable the cross-filtering that can be done in the dashboard.

Tesla still maintains a far larger share than any other manufacturer but it is slipping. At 19,117 vehicles, its share of all EVs is 37.7%, down from 39.7% 12 months ago. Keep in mind, this is net registrations, so there is a lagging effect due to the historical base. Its share of BEVs is 57.3%, down from 63.8% one year ago.

The next two automakers, Toyota and Jeep are riding their successful PHEV models. In the case of Toyota, it is the RAV4 Prime and Prius Prime. Jeep has climbed to the third position as a result of its PHEV Wrangler and, to a lesser extent, the newer PHEV Grand Cherokee.

Hyundai has moved into fourth position with models such as the Ioniq, Ioniq 5, Kona, and some PHEV models.

The other makes with at least 1000 registered EVs are Chevrolet, Ford, BMW, Kia, and Volvo.



Models

The Tesla Model Y is the most widely registered EV in the state, overtaking the Model 3. As noted by Kelly Blue Book,

the Model Y is now the best selling vehicle in the world (including ICE vehicles). In CT registrations, it jumped 67% from 12 months ago, so it is clearly selling well locally. It is also single-handedly buoying Tesla. The Y increased 29% from 6 months ago. Tesla overall grew 15%. If we exclude the Y from the base, the rest of Tesla grew only 5%.

The Jeep Wrangler also grew by 29%, though off a much lower base. The Toyota RAV4 Prime, the third largest EV with 2553 units, increased 16%.

The models with greater than 1000 registrations in rank order are the Tesla Model Y, Tesla Model 3, Jeep Wrangler PHEV, Toyota RAV4 PHEV Prime, Toyota Prius Prime PHEV, Tesla Model S, Chevy Bolt, Jeep Grand Cherokee PHEV, Tesla Model X, and Ford Mustang Mach-E.

