

Zero Emission Vehicle and Infrastructure Statistics Dataset
Datasets available at: <https://www.energy.ca.gov/data-reports/energy-insights/zero-emission-vehicle-and-charger-statistics>

(This dataset supports report **Where are Used Electric Vehicles and Who are the Buyers?**, <https://doi.org/10.7922/G2J38QTS>)

This U.S. Department of Transportation-funded dataset was created from data provided by the California Energy Commission (<https://www.energy.ca.gov/>) under Zero Emission Vehicle and Infrastructure Statistics. The visualizations and associated data is located at <https://www.energy.ca.gov/data-reports/energy-insights/zero-emission-vehicle-and-charger-statistics>

The related final report **Where are Used Electric Vehicles and Who are the Buyers?**, is available from the National Transportation Library's Digital Repository at <https://rosap.ntl.bts.gov/view/dot/60068>.

Metadata from the Visualization record of New ZEV Sales in California:

Data as of: March 31, 2022

Dashboard last updated: April 13, 2022

Data Collection Information:

- Frequency of Historical Data Collection: Year. Prior to 2018, the DMV provided the CEC with database snapshots twice a year, in April and October. Starting In 2018, the DMV began providing quarterly database snapshots allowing CEC staff to align the sales and population counts with the calendar year. However, transitioning to calendar year causes a discontinuity in the counts from 2016 to 2017, where 2017 includes registrations from October 2016 through the end of December 2017. Additionally, registrations of new vehicles may take up to three weeks to be processed by DMV. Thus, vehicles purchased at the end of a reporting period may not be reflected until the subsequent snapshot. This is corrected for at year-end for both population and sales by updating the January database with the April database to capture vehicles that registered at the end of the previous year. Lastly, data to determine total light-duty vehicle sales prior to 2011 are unavailable.
- Regional Data Categories: Map Filter. Data can be reflected at the county, metropolitan statistical area (MSA), or ZIP code level. Individual registrations were assigned to a region based on mailing address, with the following exceptions:
 - Out of State: vehicles registered in California with a mailing address in a different state
 - ZIP Code "99999": indicates that the ZIP code in the Vehicle Registration database was invalid
 - Unassigned: remote areas not associated with an MSA
 - Unknown: Invalid ZIP codes categorized under MSA

Contact:

Please submit questions and comments to mediaoffice@energy.ca.gov.

Recommended Citation:

California Energy Commission (2022). New ZEV Sales in California. Data last updated [insert date last updated]. Retrieved [insert date retrieved] from <https://www.energy.ca.gov/zevstats>

Dataset description:

This data that was used for this project and informed the associated report was pulled from two sources of information. (This information included below was taken from the associated report's section on Data Management.)

- The number of new and used EVs per zip code are based on DMV records that are not available to the public.
- Data for county-level analysis of new PEV sales can be downloaded from <https://www.energy.ca.gov/data-reports/energy-insights/zero-emission-vehicle-and-charger-statistics>.

National Transportation Library (NTL) Curation Note:

As this dataset is preserved in a repository outside U.S. DOT control, as allowed by the U.S. DOT's Public Access Plan (<https://doi.org/10.21949/1503647>) Section 7.4.2 Data, the NTL staff has performed *NO* additional curation actions on this dataset. NTL staff last accessed this dataset at <https://www.energy.ca.gov/data-reports/energy-insights/zero-emission-vehicle-and-charger-statistics> on 2022-04-19. If, in the future, you have trouble accessing this dataset at the host repository, please email NTLDataCurator@dot.gov describing your problem. NTL staff will do its best to assist you at that time.