

Electric VEHICLES

Hitting the Governor's goal of 5 million electric vehicle cars on the road by 2030 would cut transportation emissions by almost 10 percent, stopping the release of almost 16 million metric tons of climate pollution and save \$640 million annually in air pollution related health cost.



Electric Vehicle Facts:

EVs were only **7.8%** of the US market in 2018

But, in 2018 **46.8%** of the ENTIRE electric vehicle market was in California!

Sales Jumped! **204%** from August 2017 to August 2018

Sales Leaped! **300%** from January 2018 to August 2018

Sales Exploded! **63.6%** in the first half of 2019!

Of All EVs in the US, **1 in 8** are registered in California!

EVs are California's **8th** most valuable export!

Electric vehicles are worth almost \$3 BILLION in revenue to California!







\$3,000,000,000

1323 Dealerships in California

36,000 Auto Repair Dealers and Shops in California

147,000 Jobs

Electric Vehicle Manufacturers in California:

-  TESLA
-  Proterra, Inc.
-  Fisker, Inc.
-  Transpower, Inc.
-  Faraday Future
-  Lucid Motors
- SF Motors

A recent nationwide study estimates that, **over the 2015 - 2040 period**, large-scale EV use is anticipated to **increase economic output** by up to **\$20 Billion annually**, generating a net of up to **147,000 jobs**.



Advanced Transportation and Logistics

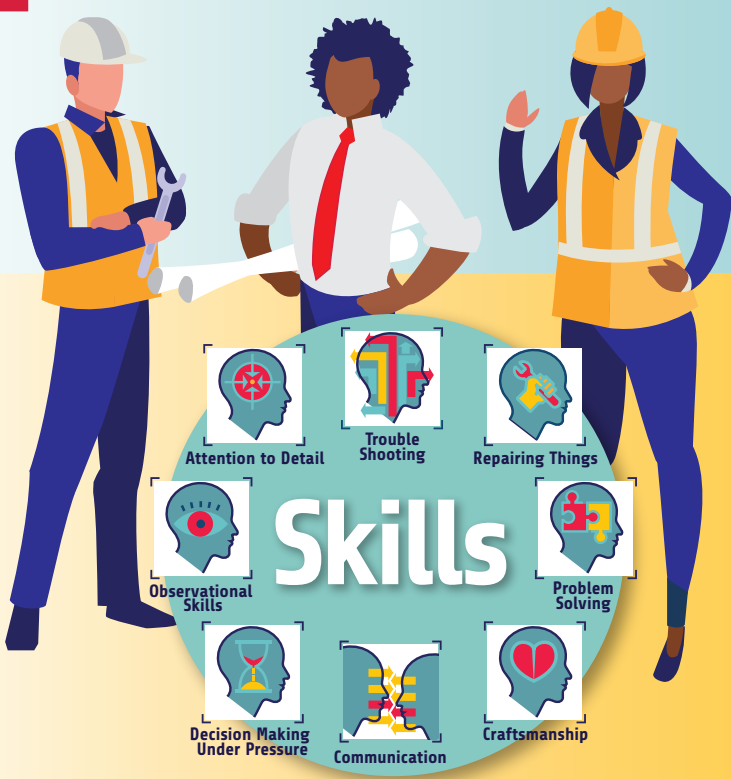
www.atleducation.org

Electric VEHICLES

“California uses **MORE** gas than any other country **EXCEPT** for the rest of the United States **COMBINED.**”

Average Salaries in California for Popular Jobs in the Electric Vehicle Sector

Job Title	Average Salary
Automotive Service Attendants	\$29,590
Automotive Service Advisor	\$46,949
Electric Vehicle Technician	\$50,230
Automotive Body Repairers	\$52,950
Electricians	\$70,460
Electrical Technician	\$70,380
Electrical & Electronics Installer/Repairer	\$78,000
Automotive Engineers	\$102,030
Electrical Engineer	\$117,070



Electric Vehicle Related Job Titles:

Chemical Engineer	Industrial Engineer	Product Specialist	Advisors
Electronics Engineer	Mechanical Engineer	Estimator	
Materials Engineer	Software Developer	Quality Inspector	Sales Associates/

Skills:

Troubleshooting	Installation	Maintenance	Operation And Control
Repairing	Active Learning	Troubleshooting	Operation Monitoring, Speaking
Judgement and Decision Making	Complex Problem Solving	Equipment Selection	Complex Problem Solving
Critical Thinking	Instructing	Quality Control Analysis	
Active Listening	Equipment		

Los Angeles County Programs

El Camino College

<https://www.elcamino.edu/academics/indtech/autotech/>

LA Trade Technical College

<http://www.lattc.edu/academics/pathways/atm/certificates-degrees/hybrid-electric-plug-in-vehicle-technology>

Long Beach City College

<https://www.lbcc.edu/program-advanced-transportation-technology>

Rio Hondo College

<https://www.riohondo.edu/career-and-technical-education/automotive-tech/alternative-fuels/>



Advanced Transportation and Logistics

www.atleducation.org



POWERED BY California Community Colleges