

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**.



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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

Skills:

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

Electric Vehicle Related Job Titles:

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

Skills

- Attention to Detail
- Trouble Shooting
- Repairing Things
- Observational Skills
- Problem Solving
- Decision Making Under Pressure
- Communication
- Craftsmanship

San Francisco Bay Programs

Chabot College

www.chabotcollege.edu/auto

City College of San Francisco

https://www.ccsf.edu/Departments/Automotive_Technology/

College of Alameda

www.alameda.peralta.edu/automotive-technology/

College of Marin

www.marin.edu

Contra Costa College

<https://www.contracosta.edu/classes/academic-departments/auto-motive-collision-repair/automotive-service-technician/>

DeAnza College

www.deanza.edu/autotech

Evergreen Valley College

www.evc.edu

Hartnell College

<http://www.hartnell.edu/automotive-technology-general-automotive-mechanics>

Las Positas College

www.laspositascollege.edu/auto/AUTOprogram.php

Los Medanos College

www.losmedanos.edu/auto

Monterey Peninsula College

<http://www.mpc.edu/academics/academic-divisions/life-science/auto-technology-auto>

Santa Rosa Junior College

<http://www.santarosa.edu/instruction/itt/automotive-technology.php>

Skyline College

<http://www.skylinecollege.edu/automotive>

Solano College

www.solano.edu/auto



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