

# COMMERCIAL & AIRLINE PILOTS, COPILOTS AND FLIGHT ENGINEERS

## CENTRAL VALLEY/MOTHER LODE REGION

AMADOR, ALPINE, CALAVERAS, FRESNO, INYO, KERN, KINGS, MADERA, MARIPOSA, MERCED, MONO, SAN JOAQUIN, STANISLAUS, TULARE AND TUOLUMNE COUNTIES



### OCCUPATIONAL PROFILE



512 Jobs (2015)

+ 9.8% Change (2016-2021)

Median Hourly Wage \$37.78

#### Related Job Titles:

- Airline Captain
- Airline Transport Pilot
- Check Airman

## Commercial & Airline Pilots, Copilots and Flight Engineers

**Commercial Pilots** steer and navigate fixed-winged aircraft or helicopters on nonscheduled air carrier routes. This occupation requires a commercial pilot certificate. It also includes charter pilots with similar certification, air ambulance and air tour pilots.

**Airline Pilots, Copilots and Flight Engineers** pilot and navigate fixed-wing, multi-engine aircraft, usually on scheduled air carrier routes for the transport of passengers and cargo. This occupation requires a federal Air Transport Pilot certificate and rating for specific aircraft type used. This occupation includes regional, national and international airline pilots and flight instructors of airline pilots.

Analysis of the job requirements and duties for these occupations revealed that they share many of the same components. However, there is a greater level of knowledge, skill and ability required for airline pilots, copilots and flight engineers than for commercial pilots.

Both occupations require a pilot certification, but there is a higher level of regulation and specification for airline pilots, copilots and flight engineers.

Knowledge	Skills	Abilities
✓ Transportation	✓ Operation and Control	✓ Control Precision
✓ Geography	✓ Operation Monitoring	✓ Response Orientation
✓ Public Safety and Security	✓ Critical Thinking	✓ Depth Perception
✓ Computer and Electronics	✓ Judgement and Decision Making	✓ Problem Sensitivity

Information and data for this report are the following public and proprietary sources: Economic Modeling Specialists (EMS), Bureau of Labor Statistics and O\*NET online. More information about the Centers of Excellence is available at [www.coecc.net](http://www.coecc.net).

#### Important Disclaimer

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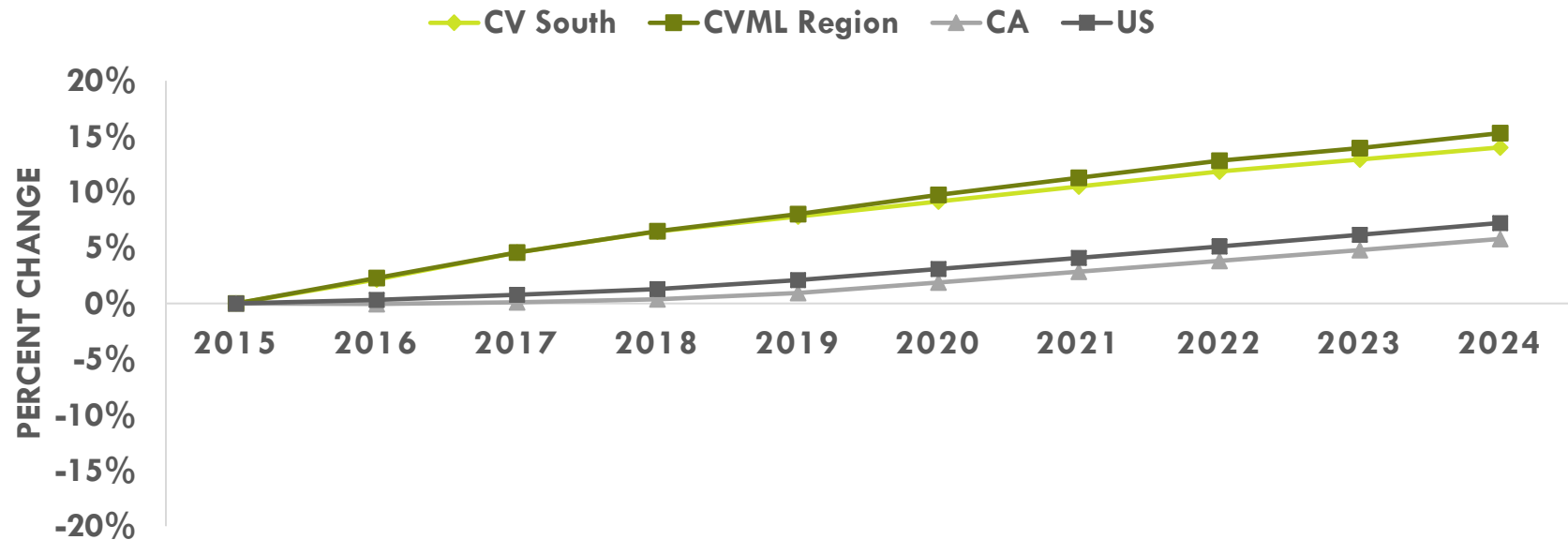
### Exhibit 1 – Current and projected regional employment

Occupation	2016 Jobs	2021 Jobs	2016-2021 % Change	Annual Openings	Median Hourly Wages
Airline Pilots, Copilots and Flight Engineers	111	112	1%	4	\$48.56
Commercial Pilots	413	462	12%	24	\$34.79

The Central Valley/Mother Lode region currently does not have any postsecondary pilot programs.

### Exhibit 2 – Job trends by subregion, region, state and nation

#### JOBS



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