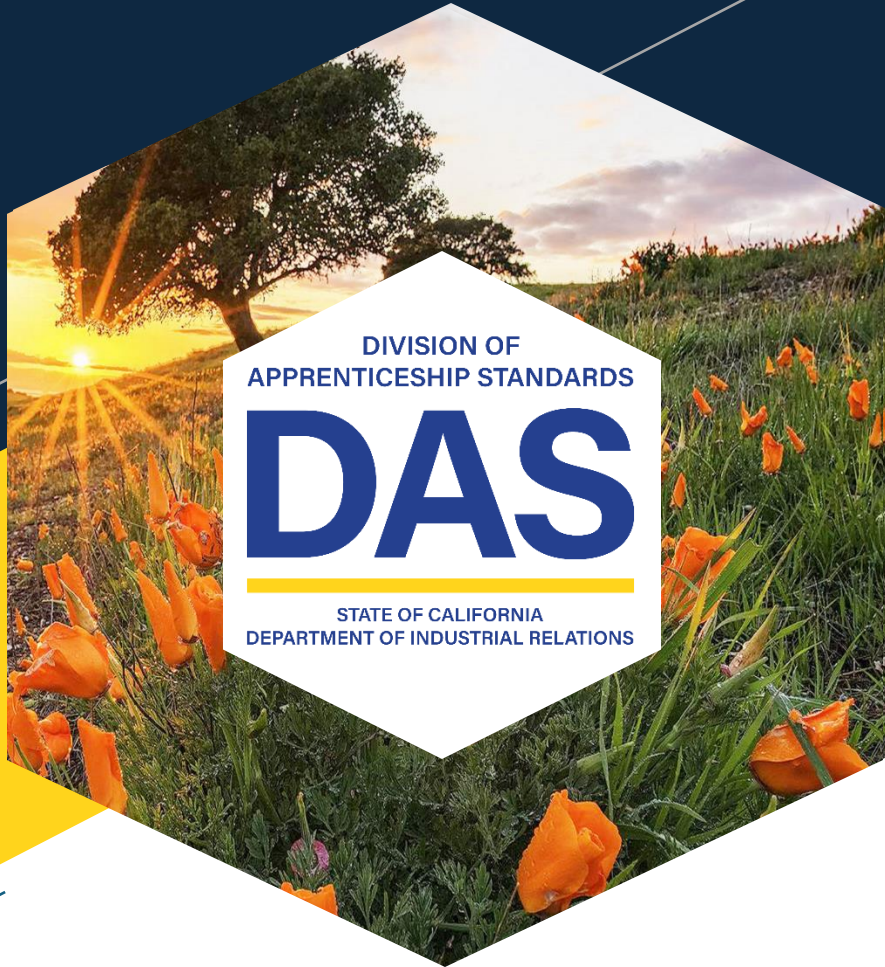
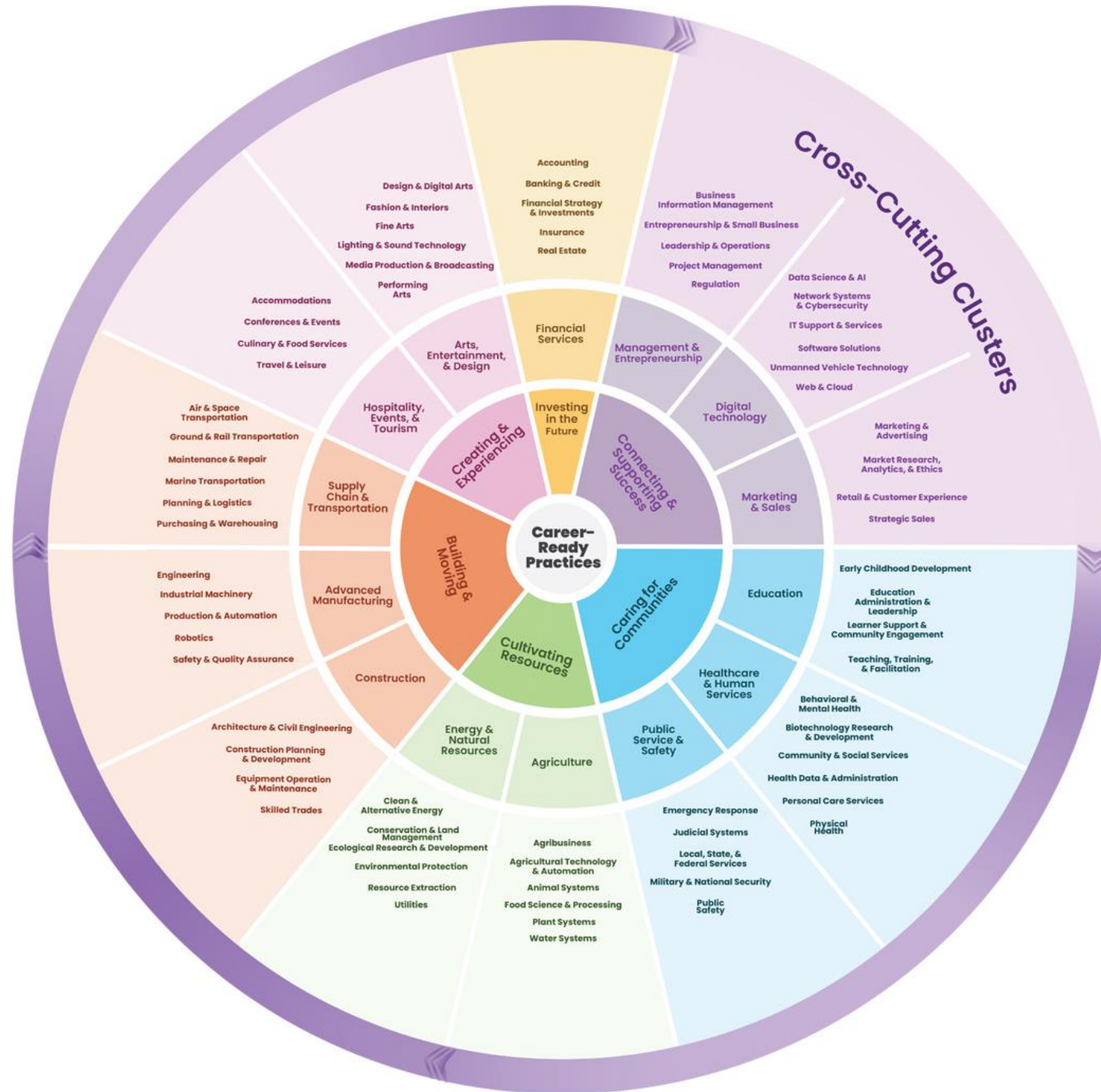




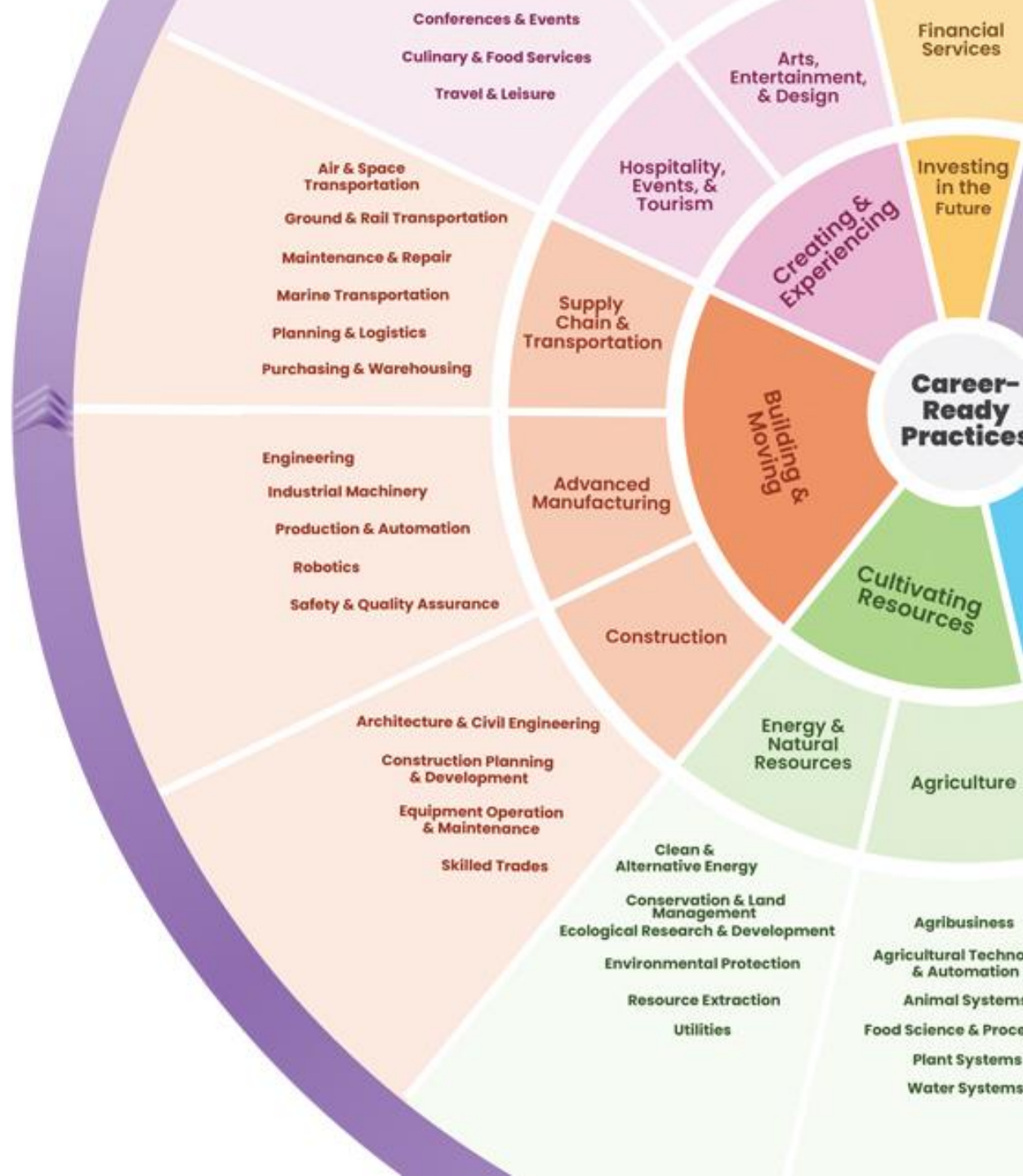
Advanced Manufacturing Apprenticeships

August 17th, 2026

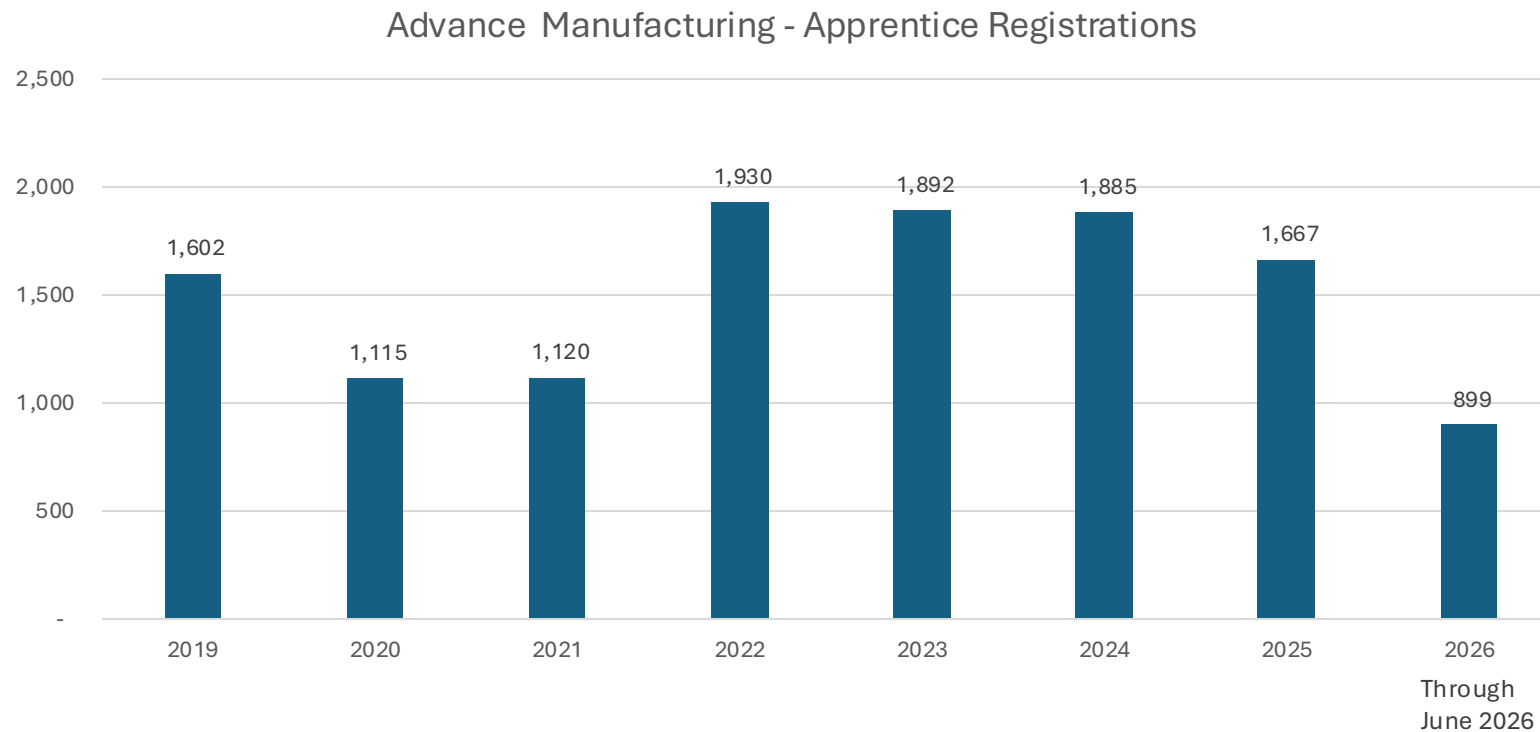
Career Clusters



Building & Moving Cluster



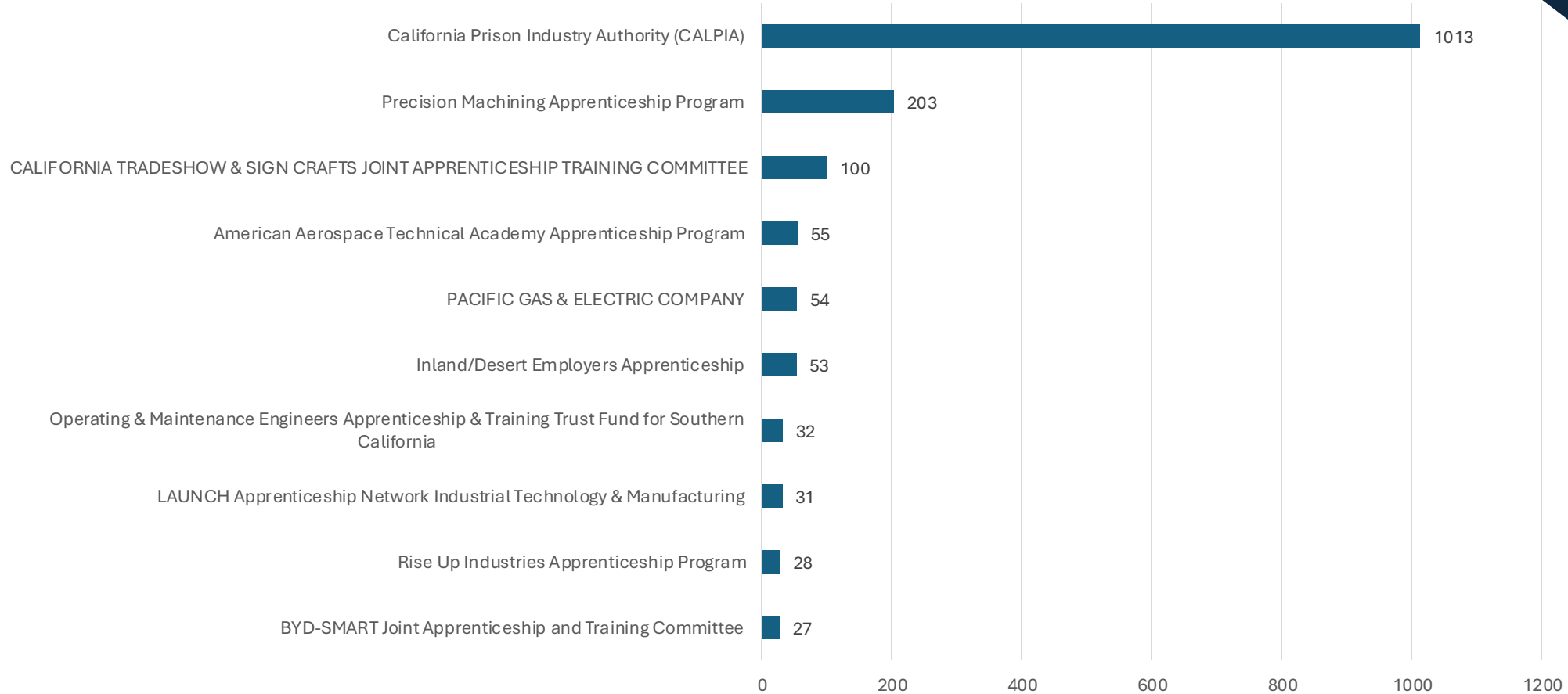
IACA Advanced Manufacturing



Source: Division of Apprenticeship Standards, July 2026

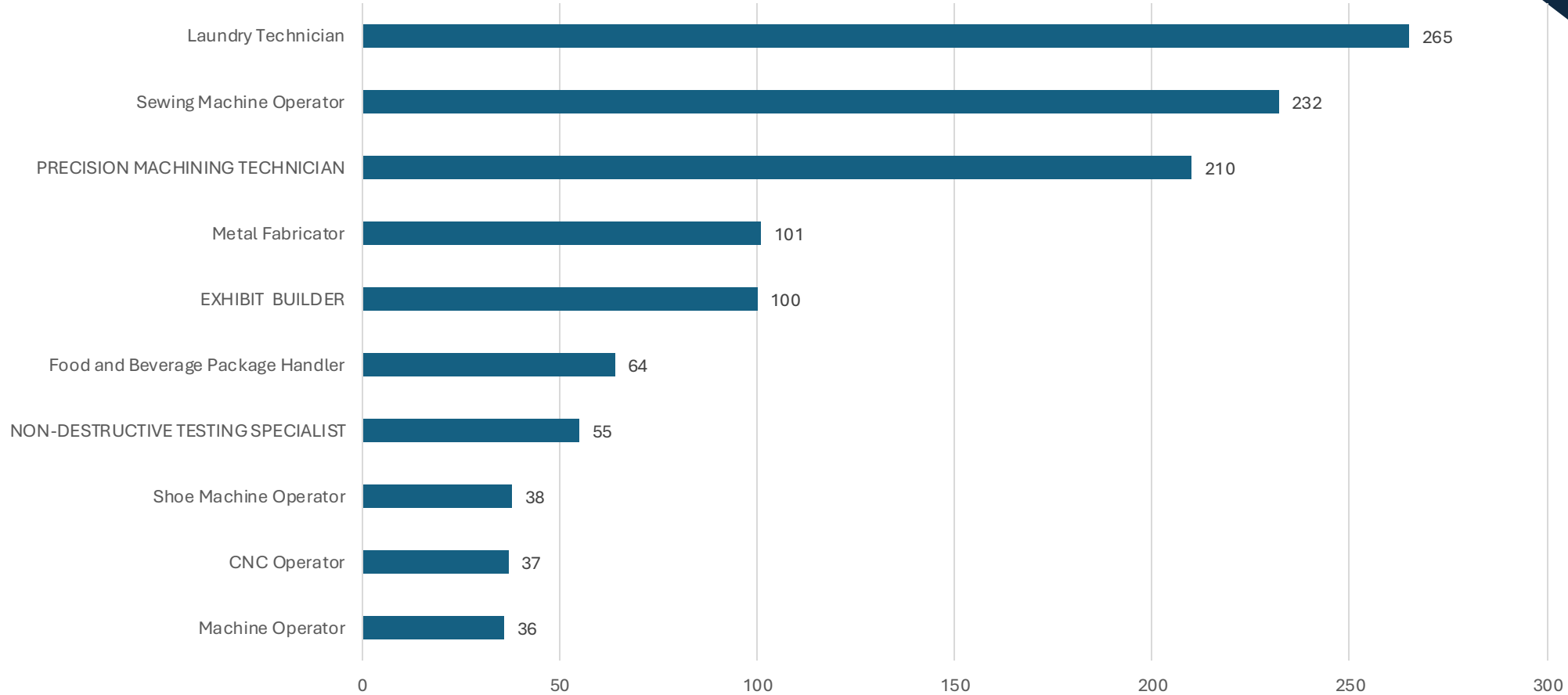
IACA Advanced Manufacturing

Top 10 Programs by Apprentice Registrations July 2025 - June 2026



IACA Advanced Manufacturing

Top 10 Occupations by Apprentice Registrations July 2025 - June 2026



New IACA Advanced Manufacturing

Programs/Occupations approved since Jan 1, 2025

Diablo Valley College

- Manufacturing Automation Technician
- Industrial Engineering Technician
- Robotics Technician

IPC

- Electronic Assembler
- Printed Circuit Board Fabricator
- Printed Circuit Board Engineer

SVMA

- Inspectors, Testers, Samplers, and Weighers
- Quality Control Analyst
- CNC Set-Up, Programming, Milling, and Turning

FM Industries

- Industrial Manufacturing Technician
- Electromechanical Technician

Advanced Manufacturing Sector Insights

GROWTH

Semiconductor & Advanced Tech Cluster

- Industrial technician, mechatronics technician, electromechanical, industrial engineering, nanotechnology

Mechanic/Fabrication Cluster

- Technician, assembler, machinist roles — aerospace/naval/defense-centered

Robotics & Mechatronics Cluster

- Robotics assembler, mechatronics — a more flexible subgroup suited to factory-style manufacturing

Biomedical Cluster

- Medical equipment manufacturing and maintenance

Employer-Specific Niches

- E.g. Wire Harness Tech (IMT subspecialty), Quality Control Specialist for Soap/Candle making, Mechanical Engineering Tech for amusement parks

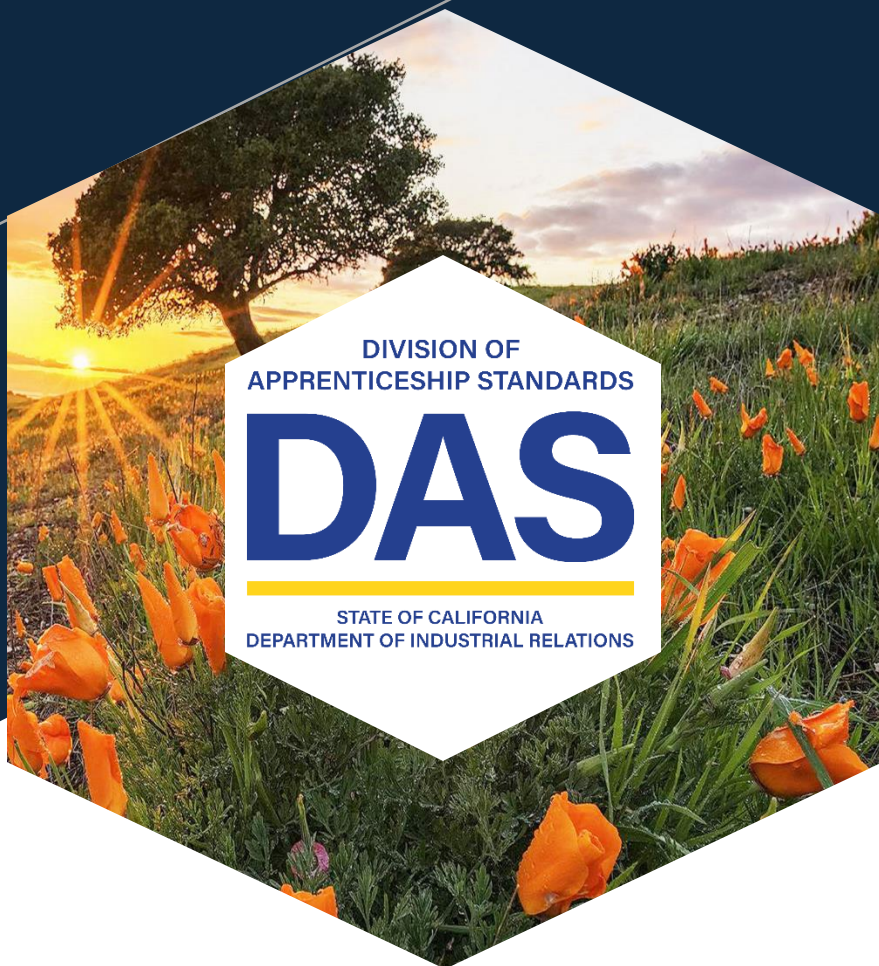
CHALLENGES

Legacy Overlap

- Common for programs to have some electrical component
- Welding in the mix too

The Pursuit of Funding

- The sector is awash in gov funding, stakeholders incentivized to chase it
- Notable how many leads are intermediaries
- National/Int'l orgs come in with no employers lined up



Thank you



Apprenticeship and Workforce Innovation Unit



(916) 928-6800



COReilly@dir.ca.gov



www.dir.ca.gov/das/