



Advanced Manufacturing Apprenticeships

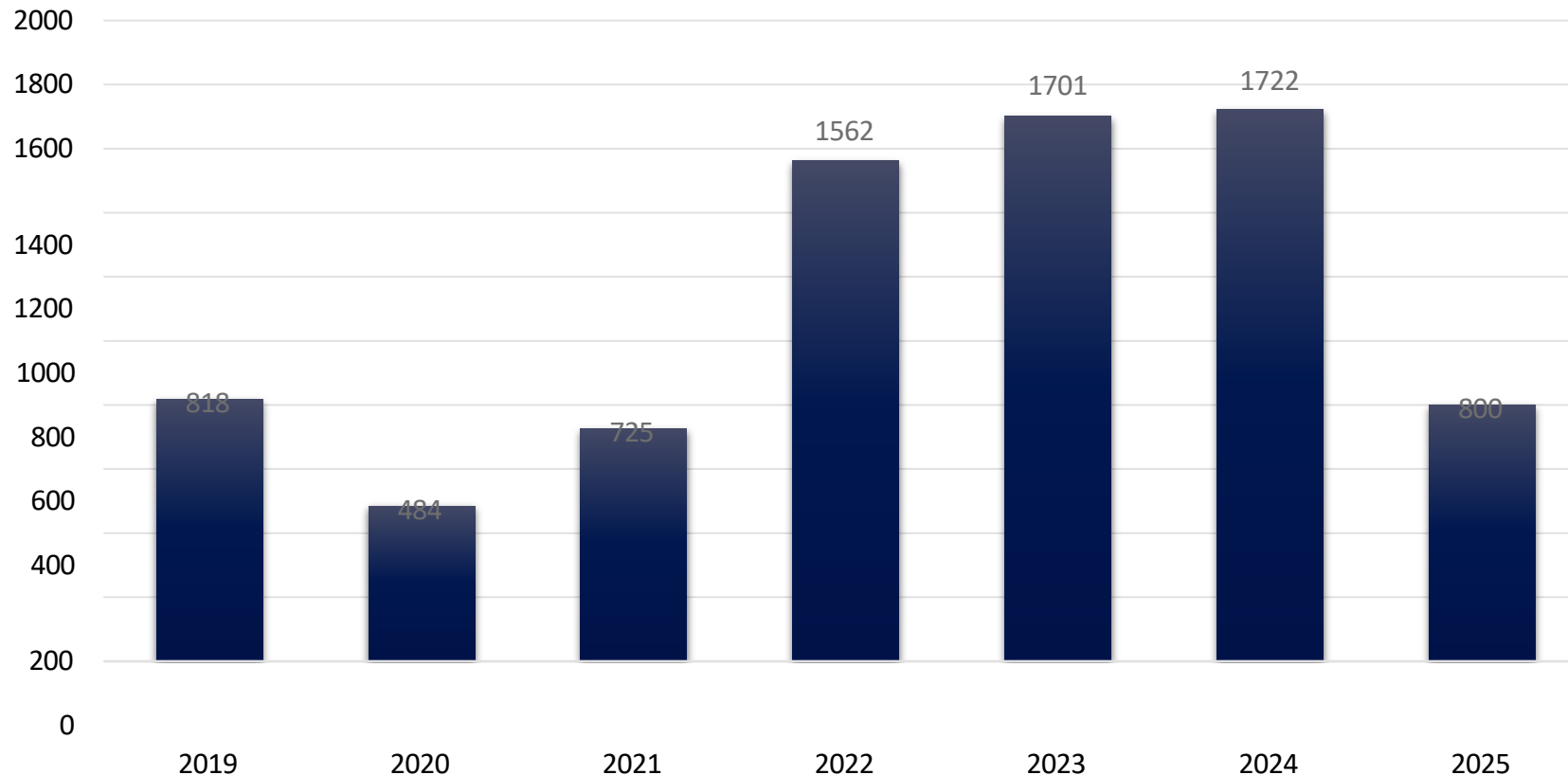
IACA Presentation

IACA – Advanced Manufacturing Data Insights

- All data is as of July 1, 2025
- **Data Insights:**
 - New Registrations Annually since 2019
 - New Programs/Occupations approved since Jan 1, 2024
 - Overview of Programs
 - Top Programs by new registrations Jan 1, 2024- July 1, 2025
 - Top Occupations by new registrations Jan 1, 2024- July 1, 2025
 - Programs in Development

IACA Advanced Manufacturing

NEW ADVANCED MANUFACTURING APPRENTICE REGISTRATIONS



Source: Division of Apprenticeship Standards, July 2025

New IACA Advanced Manufacturing

Programs/Occupations approved since Jan 1, 2024

Western Digital

- Semiconductor Manufacturing Operator

Spaulding Marine Center

- Marine Technician

Applied Materials

- Hardware Technician

Advanced Manufacturing Apprenticeship Landscape

Infinera

- Semiconductor Process Tech

BYD-SMART Joint Apprenticeship

- Industrial Manufacturing Technician

E. & J. Gallo Winery

- Maintenance Mechanic
- Manufacturing Technician
- Advanced Material Handler
- Winery Technician

Enablence USA Components

- Semiconductor Process Tech

El Camino Community College District

- Aerospace Electromechanical Technician
- Aerospace CNC Machining Technician
- Aerospace Electronics Technician
- Precision Machinist
- Engine Operator

Inland/Desert Employers Apprenticeship Mechatronics

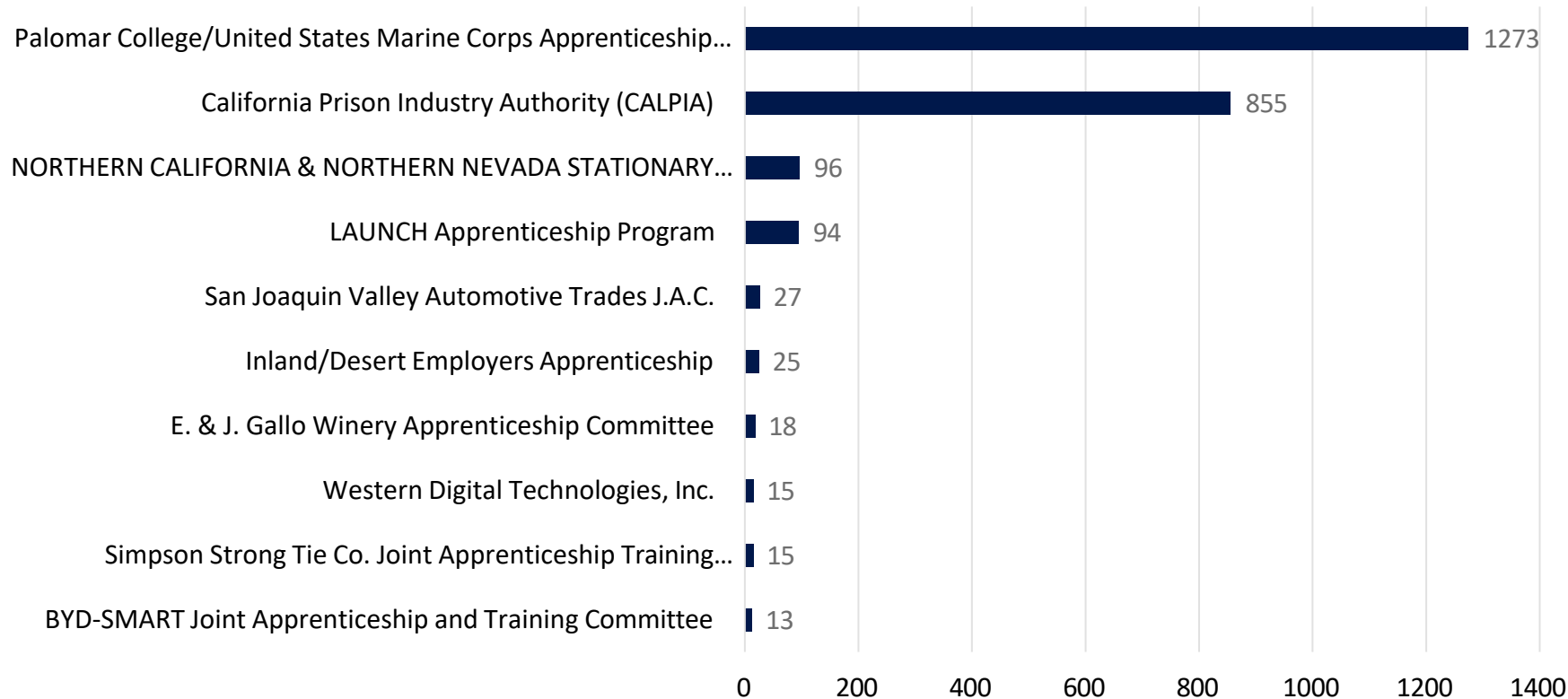
- Mechatronics Technician

Tooling U-SME

- Aerospace Engineer
- CNC Machine Operator

IACA Advanced Manufacturing - 1

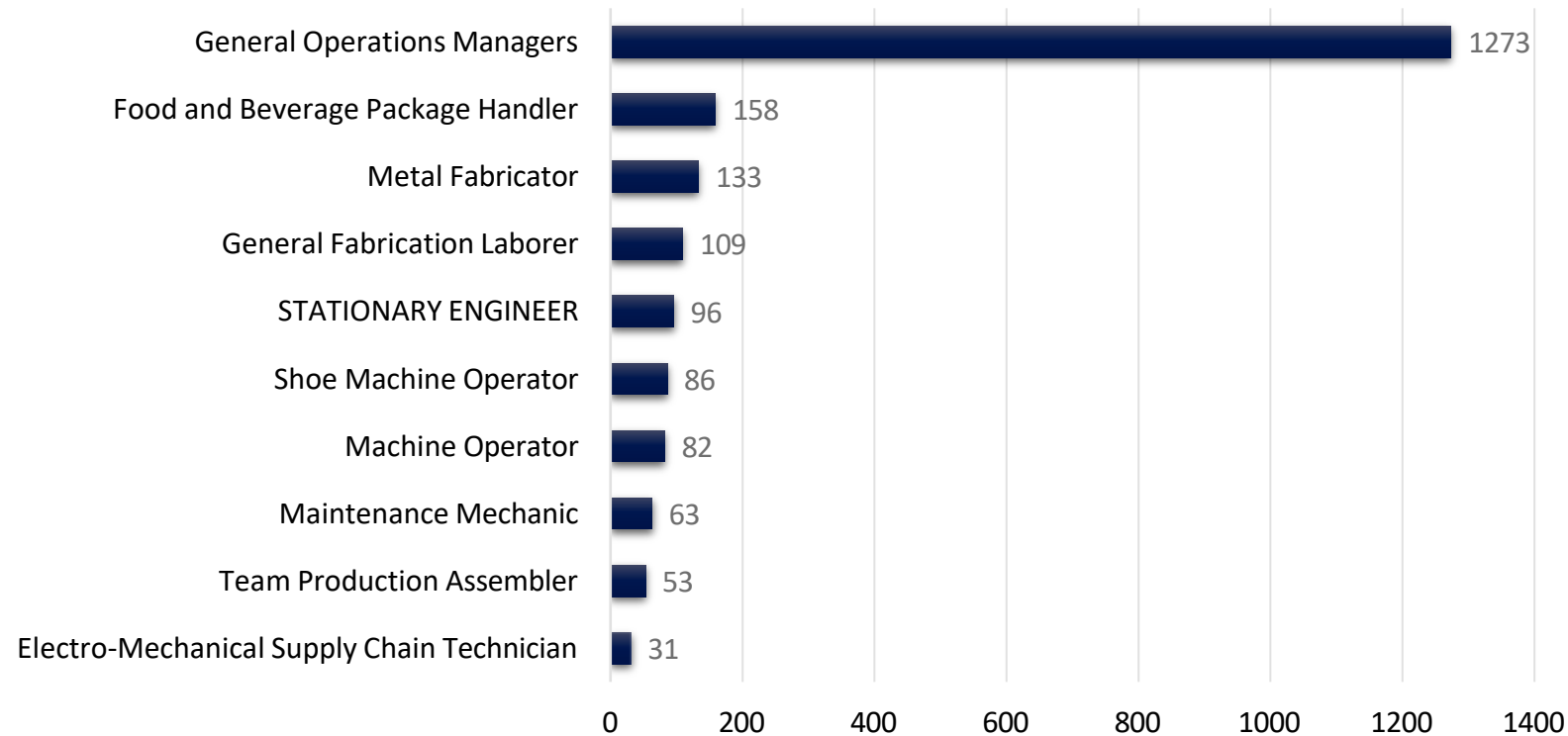
TOP 10 PROGRAMS BY APPRENTICE REGISTRATIONS 01/2024 - 07/2025



Source: Division of Apprenticeship Standards, July 2025

IACA Advanced Manufacturing - 2

TOP 10 OCCUPATIONS BY APPRENTICE REGISTRATIONS 01/2024 - 07/2025



Source: Division of Apprenticeship Standards, July 2025

Advanced Manufacturing Apprenticeships In Development

FM Industries

- Industrial Manufacturing Technician (Hardware Technician)
- Electromechanical Technician

Ontic

- Aviation Technician

IPC

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

Grande Foundation

- CNC Milling Operator
- Engine-Lathe Set-up Operator
- Entry Precision Inspector
- Milling Machine Set-up Operator
- CNC Turning Operator

Diablo Valley College

- Robotics Technician
- Industrial Engineering Technician
- Manufacturing Automation Technician


OMW

- CNC Machine Operator



Thank You

 Apprenticeship and Workforce Innovation Unit

 (916) 928-6800

 DAS@dir.ca.gov

 www.dir.ca.gov/das/