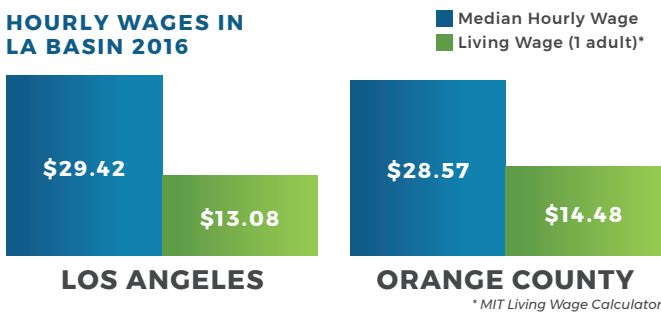


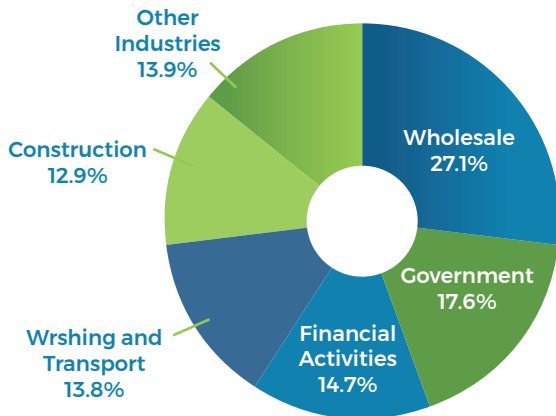
# Mobile Heavy Equipment Mechanics, Except Engines (SOC 49-3042)

Mobile heavy equipment mechanics, except engines are identified as a middle-skill occupation. They diagnose, adjust, repair, or overhaul mobile mechanical, hydraulic, and pneumatic equipment, such as cranes, bulldozers, graders, and conveyors, used in construction, logging, and surface mining.

## HOURLY WAGES IN LA BASIN 2016



## INDUSTRY DISTRIBUTION



## Industry Distribution:

Mobile heavy equipment mechanics, except engines are hired across a number of different industries. These industries are where individuals who have acquired the necessary training and skills may seek employment opportunities post-program. Merchant wholesalers hires the most workers in this occupation in the LA Basin. The three industry subsectors who employ the largest number of construction equipment mechanics, field mechanics and technicians in the LA Basin are:

- Merchant wholesalers, durable goods (NAICS 423)
- Rental and leasing services (NAICS 532)
- Local Government (NAICS 93)

Jobs in LA Basin

# 3,800

in 2016

Total Openings

# 880

2016 to 2021

## At A Glance

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**Projected Openings 2021:**

- 880 Total Openings (5-yr)
- 430 Net Job Change
- 450 5-yr Replacements

**Community Colleges Supply:**

- 8 awards
- 1 Program
- 3 colleges

**Technology:**

- Data base user interface and query software
- Facilities management software
  - Maintenance management software
- Office suite software
- Spreadsheet software

Sources: BLS OES, O\*NET, LAEDC

## Core Tasks and Importance:

- 86** Repair and replace damaged or worn parts.
- 86** Test mechanical products and equipment after repair or assembly to ensure proper performance and compliance with manufacturers' specifications.
- 84** Operate and inspect machines or heavy equipment to diagnose defects.
- 82** Read and understand operating manuals, blueprints, and technical drawings.
- 81** Dismantle and reassemble heavy equipment using hoists and hand tools.
- 80** Overhaul and test machines or equipment to ensure operating efficiency.

## Worker Characteristics

The demographics of the workforce provide an additional layer of information to further highlight who is employed in this occupation in the LA Basin:

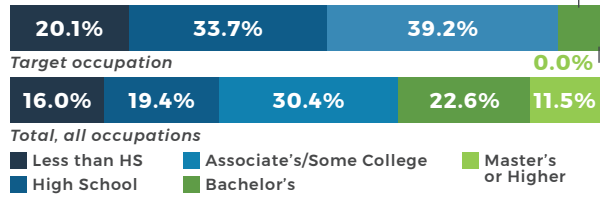
- A smaller share of workers have an educational attainment of a bachelor's degree or higher in this occupation compared to the regional average.
- A larger share of workers are ages 25 to 39 years in this occupation compared to the regional average.
- The workforce in this occupation is predominantly Hispanic, accounting for 61 percent of all workers.
- The workforce is predominantly male, accounting for 99.5 percent of all workers.

## Related Occupations

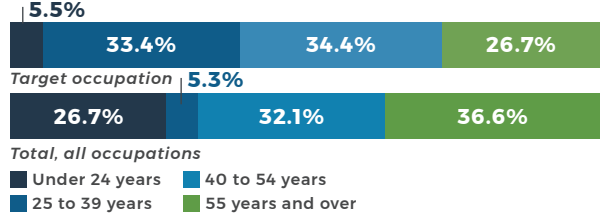
Individuals with similar skill sets that are transferable with retraining or additional training being offered:

- **SOC 49-2092** Electric motor, power tool and related repairers (700 workers),
- **SOC 49-3041** Farm equipment and mechanics and service technicians (240 workers),
- **SOC 49-3031** Bus and truck mechanics and diesel engine specialists (5,800 workers), and
- **SOC 49-9071** Maintenance and repair workers (47,180 workers).

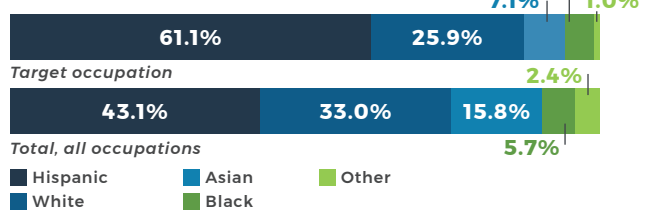
### EDUCATIONAL ATTAINMENT 2016



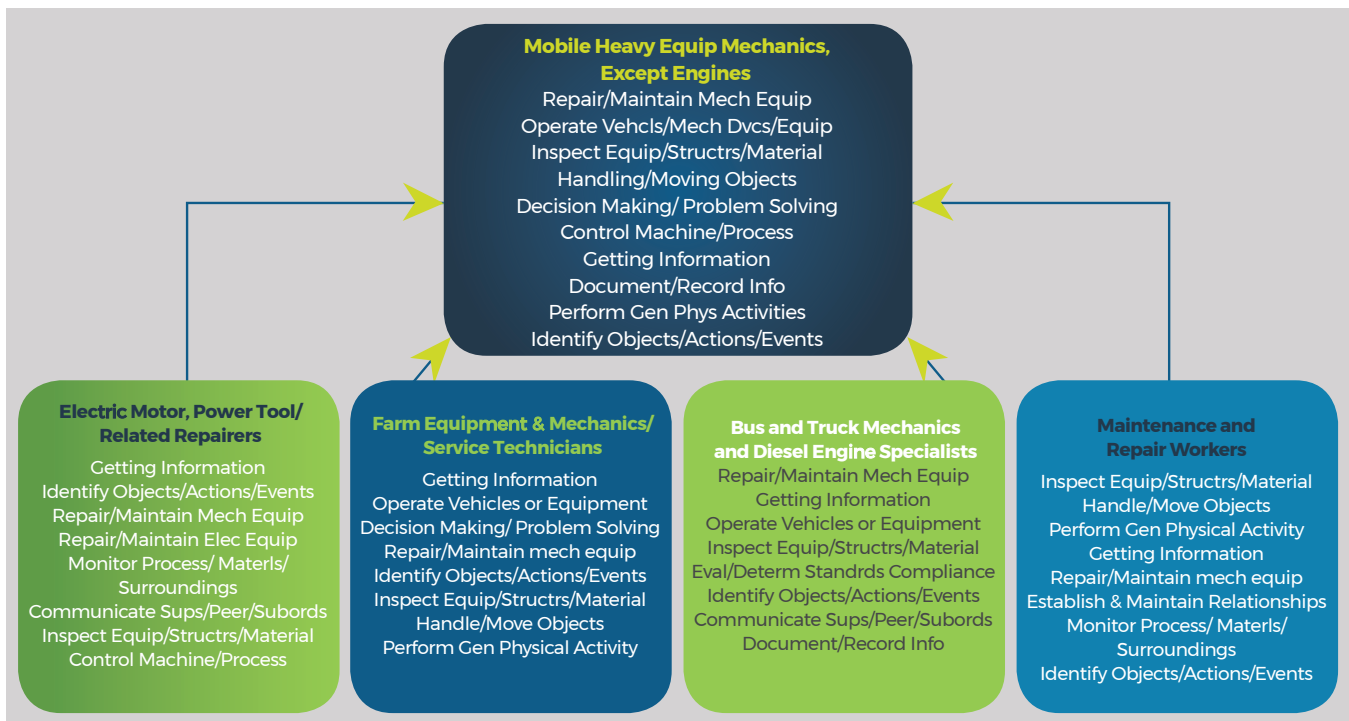
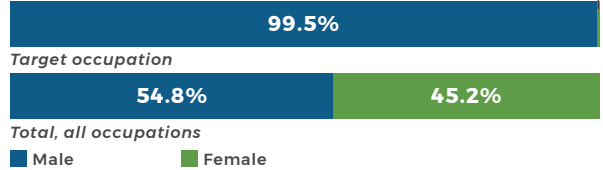
### AGE DISTRIBUTION 2016



### RACE AND ETHNICITY 2016



### GENDER 2016



Sources: U.S. Census Bureau ACS PUMS, O\*NET, LAEDC