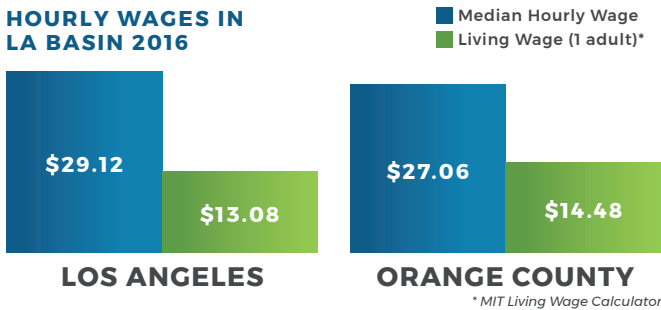


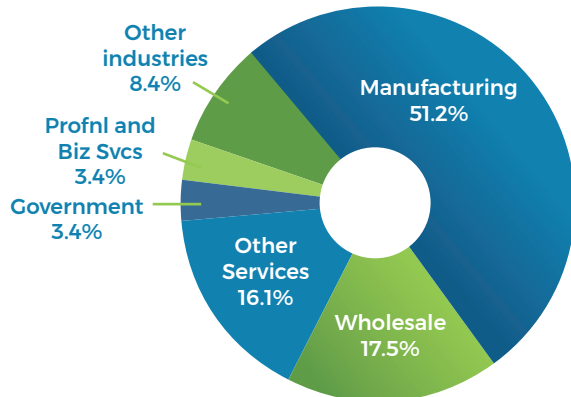
Industrial Machinery Mechanics (SOC 49-9041)

Industrial Machinery Mechanics are identified as a middle-skill occupation. They repair, install, adjust, or maintain industrial production and processing machinery or refinery and pipeline distribution systems.

HOURLY WAGES IN LA BASIN 2016



INDUSTRY DISTRIBUTION



Industry Distribution:

Industrial Machinery Mechanics 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. Manufacturing hires the most workers in this occupation in the LA Basin. The three industry subsectors who employ the largest number of fixers, industrial mechanics, machine adjusters and mechanics in the LA Basin are:

- Merchant wholesalers, durable goods (NAICS 423)
- Repair and maintenance (NAICS 811)
- Food Product (NAICS 311)

Jobs in LA Basin

7,810

in 2016

Total Openings

1,670

2016 to 2021

At A Glance

Projected Openings 2021:

- 1,670 Total Openings (5-yr)
- 670 Net Job Change
- 1,010 5-yr Replacements

Community Colleges Supply:

- 49 awards
- 2 Programs
- 12 colleges

Technology:

- Computer aided manufacturing CAM software Hot technology
 - Extranet machine tools suite
- Enterprise resource planning ERP software Hot technology
 - SAP
- Facilities management software
 - Maintenance management software
- Industrial control software
 - BIT Corp ProMACS PLC; KEYENCE PLC
 - Ladder Logic
- Spreadsheet software

Sources: BLS OES, O*NET, LAEDC

Core Tasks and Importance:

- 86 Repair or maintain the operating condition of industrial production or processing machinery or equipment.
- 86 Repair or replace broken or malfunctioning components of machinery or equipment.
- 86 Disassemble machinery or equipment to remove parts and make repairs.
- 86 Observe and test the operation of machinery or equipment to diagnose malfunctions, using voltmeters or other testing devices.
- 86 Reassemble equipment after completion of inspections, testing, or repairs.
- 86 Clean, lubricate, or adjust parts, equipment, or machinery.

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:

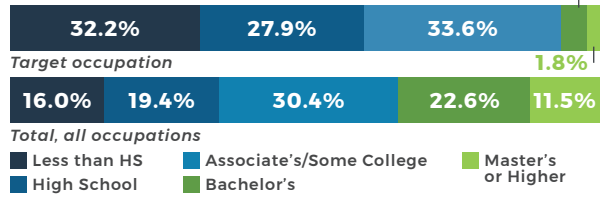
- Most workers have the educational attainment of high school or less.
- A smaller share of workers are under 24 years in this occupation compared to the regional average.
- The workforce in this occupation is predominantly Hispanic, accounting for 66 percent of all workers.
- The workforce is predominantly male, accounting for 95 percent of all workers.

Related Occupations

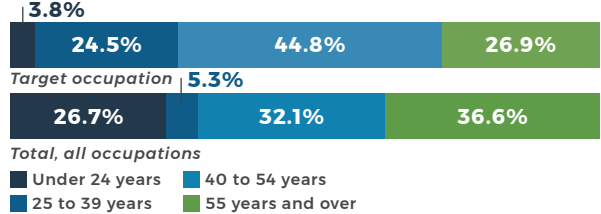
Individuals with similar skill sets that are transferable with retraining or additional training being offered:

- **SOC 49-9043** Machinery maintenance workers (2,330 workers),
- **SOC 49-9071** General maintenance and repair workers (47,180 workers),
- **SOC 49-2094** Commercial and industrial electric equipment repairers (2,230 workers), and
- **SOC 51-4041** Machinists (16,450 workers).

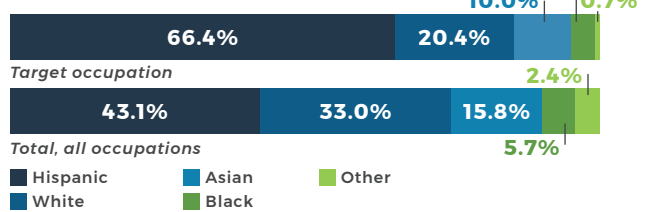
EDUCATIONAL ATTAINMENT 2016



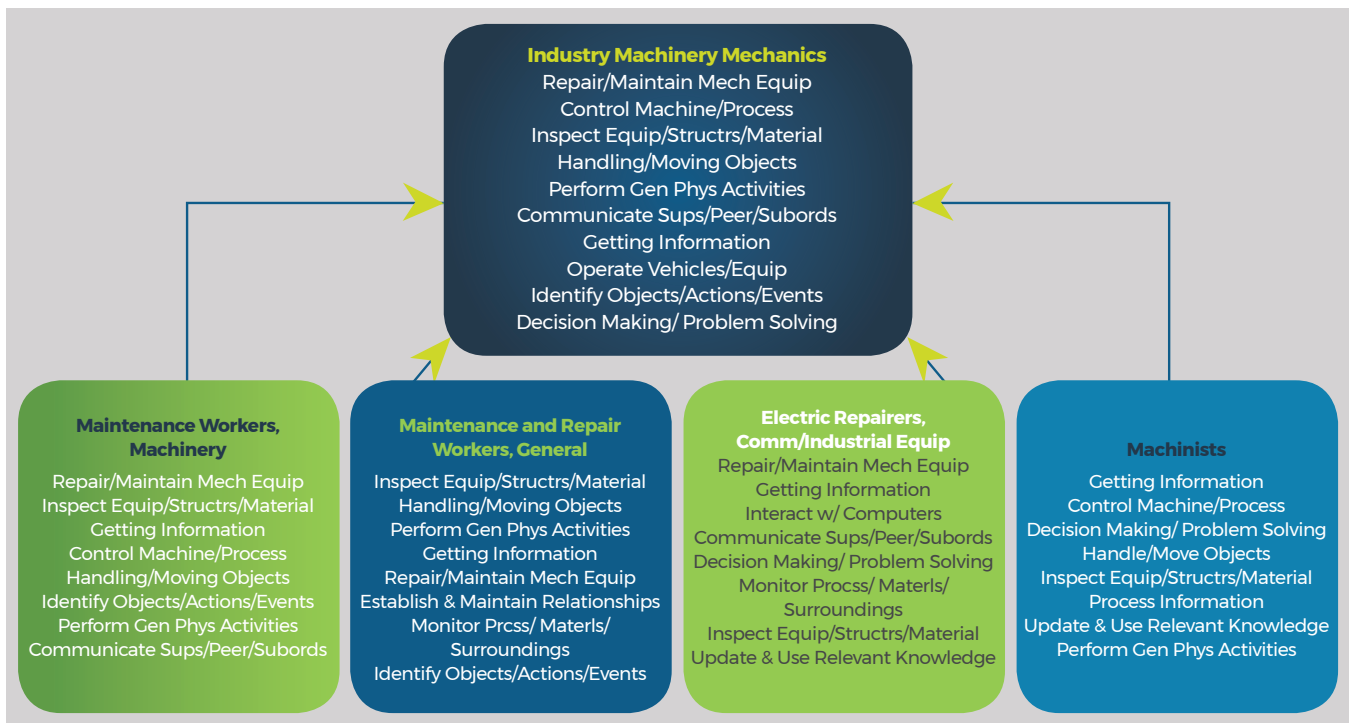
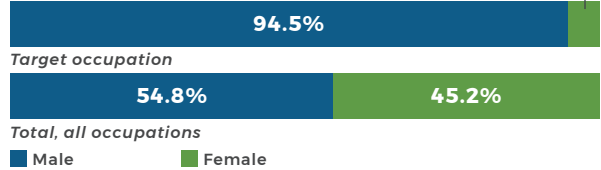
AGE DISTRIBUTION 2016



RACE AND ETHNICITY 2016



GENDER 2016



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