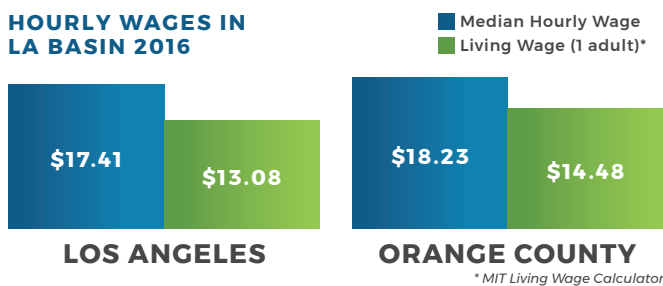


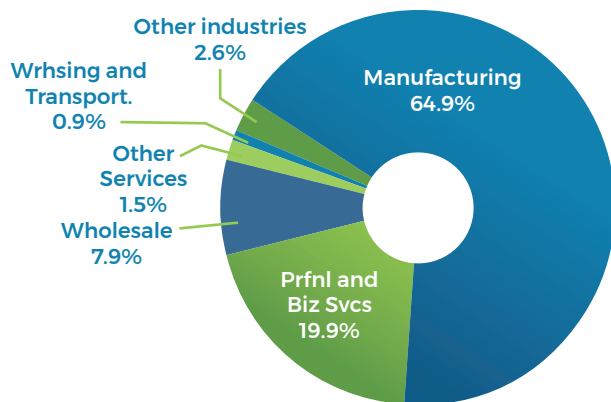
# Inspectors, Testers, Sorters, Samplers and Weighers (SOC 51-9061)

Inspectors, Testers, Sorters, Samplers and Weighers are identified as a middle-skill occupation. They inspect, test, sort, sample, or weigh nonagricultural raw materials or processed, machined, fabricated, or assembled parts or products for defects, wear, and deviations from specifications. May use precision measuring instruments and complex test equipment.

## HOURLY WAGES IN LA BASIN 2016



## INDUSTRY DISTRIBUTION



### Industry Distribution:

Inspectors, testers, sorters, samplers and weighers 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 inspectors, pickers, quality assurance auditors and quality technicians in the LA Basin are:

- Fabricated Metal Product (NAICS 332)
- Computer and Electronic Product (NAICS 334)
- Administrative and support services (NAICS 561)

Jobs in LA Basin	Total Openings
<b>22,380</b> in 2016	<b>3,840</b> 2016 to 2021

## At A Glance

### Projected Openings 2021:

- 3,840 Total Openings (5-yr)
- 1,030 Net Job Change
- 2,810 5-yr Replacements

### Community Colleges Supply:

- 111 awards
- 3 Programs
- 13 colleges

### Technology:

- Analytical or scientific software
  - Design of experiments DOE software; Minitab; Tolerance analysis software
- Computer aided design CAD software
  - Hot technology
  - Autodesk AutoCAD; Dassault Systemes CATIA
- Data base user interface and query software
  - Data entry software; FileMaker Pro; Microsoft Access
- Electronic mail software
- Industrial control software
  - Coordinate measuring machine software; Cybermetrics GAGETrak

Sources: BLS OES, O\*NET, LAEDC

## Core Tasks and Importance:

- 91** Inspect, test, or measure materials, products, installations, or work for conformance to specifications.
- 88** Measure dimensions of products to verify conformance to specifications, using measuring instruments such as rulers, calipers, gauges, or micrometers.
- 88** Read blueprints, data, manuals, or other materials to determine specifications, inspection and testing procedures, adjustment methods, certification processes, formulas, or measuring instruments required.
- 86** Record inspection or test data, such as weights, temperatures, grades, or moisture content, and quantities inspected or graded.
- 86** Mark items with details such as grade or acceptance-rejection status.
- 84** Notify supervisors or other personnel of production problems.

## 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 larger share of workers have the educational attainment of high school or less in this occupation compared to the regional average.
- Most workers in this occupation are ages 25 to 54 years, accounting for 70 percent of all workers.
- The workforce in this occupation is predominantly Hispanic, accounting for 54 percent of all workers.
- The workforce is predominantly male, accounting for 62 percent of all workers.

## Related Occupations

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

- **SOC 51-4031** Shipping, receiving and traffic clerks (38,380 workers),
- **SOC 51-2092** Team assemblers (34,710 workers),
- **SOC 51-4031** Cutting, punching and press machine setters, operators and tenders, metal and plastic (6,430 workers), and
- **SOC 53-7063** Machine feeders and offbearers (2,290 workers).

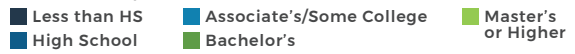
### EDUCATIONAL ATTAINMENT 2016



Target occupation



Total, all occupations



### AGE DISTRIBUTION 2016



Target occupation



Total, all occupations



### RACE AND ETHNICITY 2016



Target occupation



Total, all occupations



### GENDER 2016



Target occupation



Total, all occupations



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