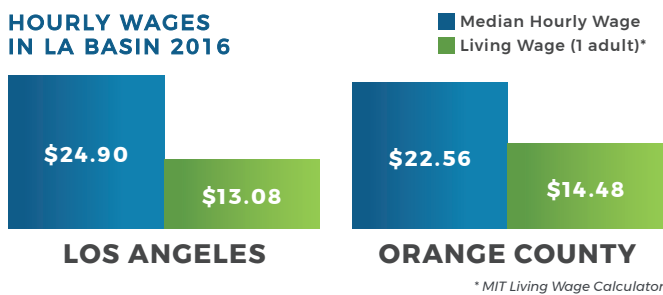


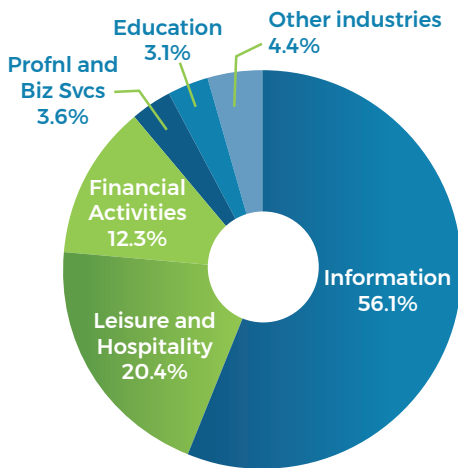
# Audio and Video Equipment Technicians (SOC 27-4011)

Audio and video equipment technicians are identified as a middle-skill occupation. They set up, or set up and operate audio and video equipment including microphones, sound speakers, video screens, projectors, video monitors, recording equipment, connecting wires and cables, sound and mixing boards, and related electronic equipment for concerts, sports events, meetings and conventions, presentations, and news conferences. May also set up and operate associated spotlights and other custom lighting systems.

## HOURLY WAGES IN LA BASIN 2016



## INDUSTRY DISTRIBUTION



## Industry Distribution:

Audio and video equipment technicians 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. Information (NAICS 51) hires the most workers in this occupation in the LA Basin. The three industry subsectors who employ the largest number of audio and video equipment technicians in the LA Basin are:

- Motion Picture and Sound Recording (NAICS 512)
- Performing Arts, Spectator Sports and Related (NAICS 711)
- Rental and Leasing Services (NAICS 532)

Jobs in LA Basin	Total Openings
<b>10,710</b> in 2016	<b>1,880</b> 2016 to 2021

## At A Glance

**Projected Openings 2021:**

- 1,880 Total Openings (5-yr)
- 860 Net Job Change
- 1,010 5-yr Replacements

**Community Colleges Supply:**

- 294 awards
- 2 Programs
- 15 colleges

**Technology:**

- Graphics or photo imaging software
  - Adobe Flash; Adobe Illustrator; Adobe Photoshop
- Operating system software
- Spreadsheet software
- Video creation and editing software
  - Adobe AfterEffects; Apple Final Cut Pro
- Web page creation and editing software
  - Adobe Dreamweaver; Adobe Flash Player

Sources: BLS OES, O\*NET, LAEDC

## Core Tasks and Importance:

- 77** Install, adjust, and operate electronic equipment to record, edit, and transmit radio and television programs, motion pictures, video conferencing, or multimedia presentations.
- 75** Diagnose and resolve media system problems.
- 74** Switch sources of video input from one camera or studio to another, from film to live programming, or from network to local programming.
- 72** Mix and regulate sound inputs and feeds or coordinate audio feeds with television pictures.
- 72** Compress, digitize, duplicate, and store audio and video data.
- 69** Perform minor repairs and routine cleaning of audio and video equipment.

## 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:

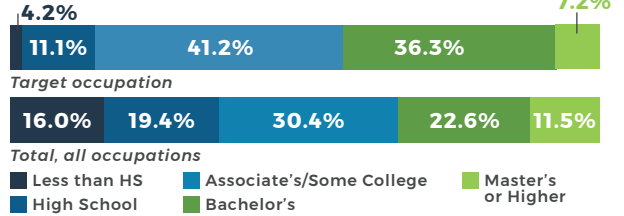
- Just over 40 percent of workers have the educational attainment of an Associate's or some college.
- A smaller share of workers are ages 55 years and over in this occupation compared to the regional average.
- The workforce in this occupation is predominantly White, accounting for 69 percent of all workers.
- The workforce is predominantly male, accounting for 93 percent of all workers.

## Related Occupations

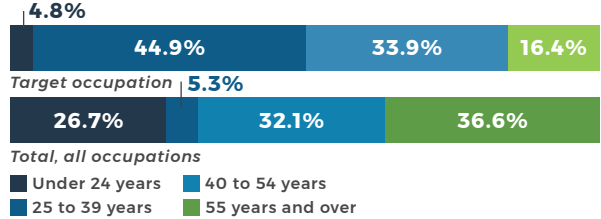
Individuals with similar skill sets that are transferable with retraining or additional training being offered:

- **SOC 27-4012** Broadcast technicians (2,800 workers),
- **SOC 27-4014** Sound engineering technicians (4,040 workers),
- **SOC 25-9011** Audio-Visual and multimedia collections specialists (630 workers), and
- **SOC 43-9011** Computer operators (1,320 workers).

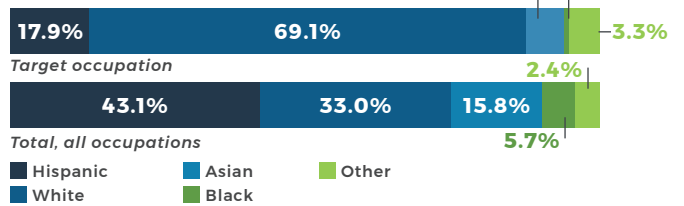
### EDUCATIONAL ATTAINMENT 2016



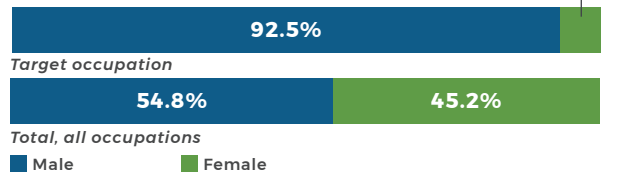
### AGE DISTRIBUTION 2016



### RACE AND ETHNICITY 2016



### GENDER 2016



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