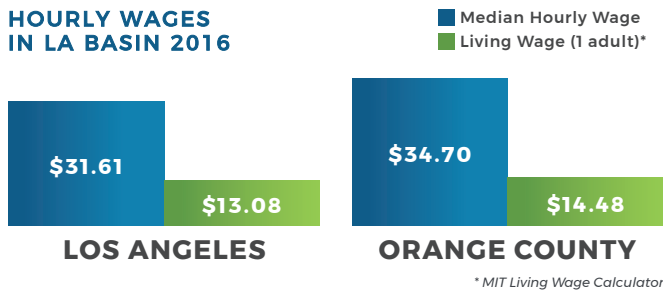


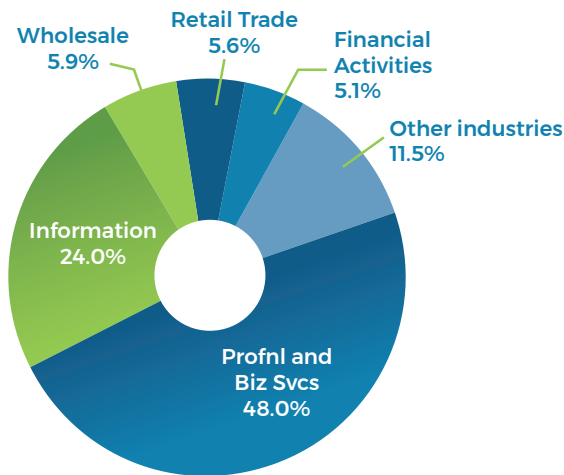
Web Developers (SOC 15-1134)

Web developers are identified as a middle-skill occupation. Design, create, and modify Web sites. Analyze user needs to implement Web site content, graphics, performance, and capacity. May integrate Web sites with other computer applications. May convert written, graphic, audio, and video components to compatible Web formats by using software designed to facilitate the creation of Web and multimedia content.

HOURLY WAGES IN LA BASIN 2016



INDUSTRY DISTRIBUTION



Industry Distribution:

Web developers 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. Professional and business services hires the most workers in this occupation in the LA Basin. The three industry subsectors who employ the largest number of web developers in the LA Basin are:

- Profnl, Scientific and Technical Svcs (NAICS 541)
- Mgmt of Companies and Enterprises (NAICS 551)
- Data Processing, Hosting and Related (NAICS 518)

Jobs in LA Basin

8,680

in 2016

Total Openings

1,780

2016 to 2021

At A Glance

Projected Openings 2021:

- 1,780 Total Openings (5-yr)
- 1,220 Net Job Change
- 560 5-yr Replacements

Community Colleges Supply:

- 52 awards
- 2 Programs
- 10 colleges

Technology:

- Data base management system software
 - Apache Hadoop; NoSQL; Teradata Database
- Development environment software
 - Apache Maven; C; Integrated Development Environment IDE software
- Object or component oriented development software
 - Apache Spark, C++; Oracle Java; Python
- Operating system software
 - Linux; Oracle Solaris; Ubuntu
- Web platform development software
 - AJAX; Drupal; JavaScript; Ruby on Rails

Sources: BLS OES, O*NET, LAEDC

Core Tasks and Importance:

- 90** Write supporting code for Web applications or Web sites.
- 86** Design, build or maintain Web sites, using authoring or scripting languages, content creation tools, management tools and digital media.
- 84** Back up files from Web sites to local directories for instant recovery in case of problems.
- 83** Write, design or edit Web page content, or direct others producing content.
- 79** Select programming languages, design tools or applications.
- 77** Evaluate code to ensure that it is valid, is properly structured, meets industry standards, and is compatible with browsers, devices, or operating systems.

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:

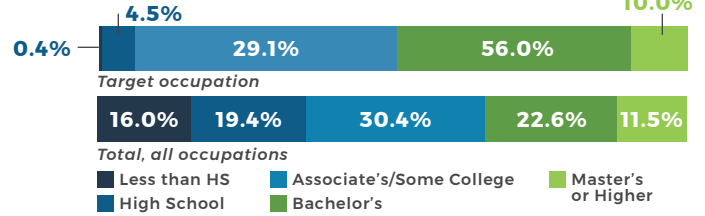
- Most workers have the educational attainment of a Bachelor's degree, but 29 percent have an Associate's or some college.
- A very small share of workers are ages 55 years and over in this occupation.
- The workforce in this occupation is predominantly White, accounting for 57 percent of all workers.
- The workforce is predominantly male, accounting for 65 percent of all workers.

Related Occupations

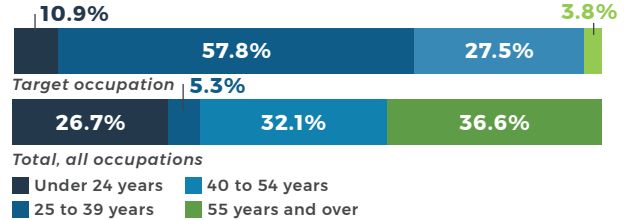
Individuals with similar skill sets that are transferable with retraining or additional training being offered:

- **SOC 15-1121** Computer systems analysts (20,871 workers),
- **SOC 15-1141** Database administrators (4,490 workers),
- **SOC 15-1133** Software developers, systems software (24,160 workers), and
- **SOC 15-1143** Computer network architects (4,580 workers).

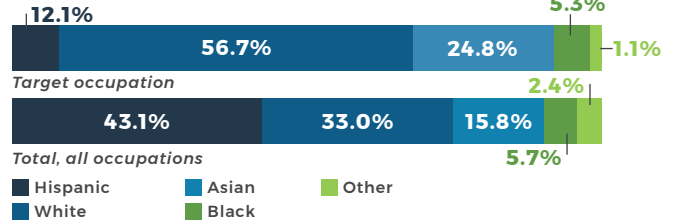
EDUCATIONAL ATTAINMENT 2016



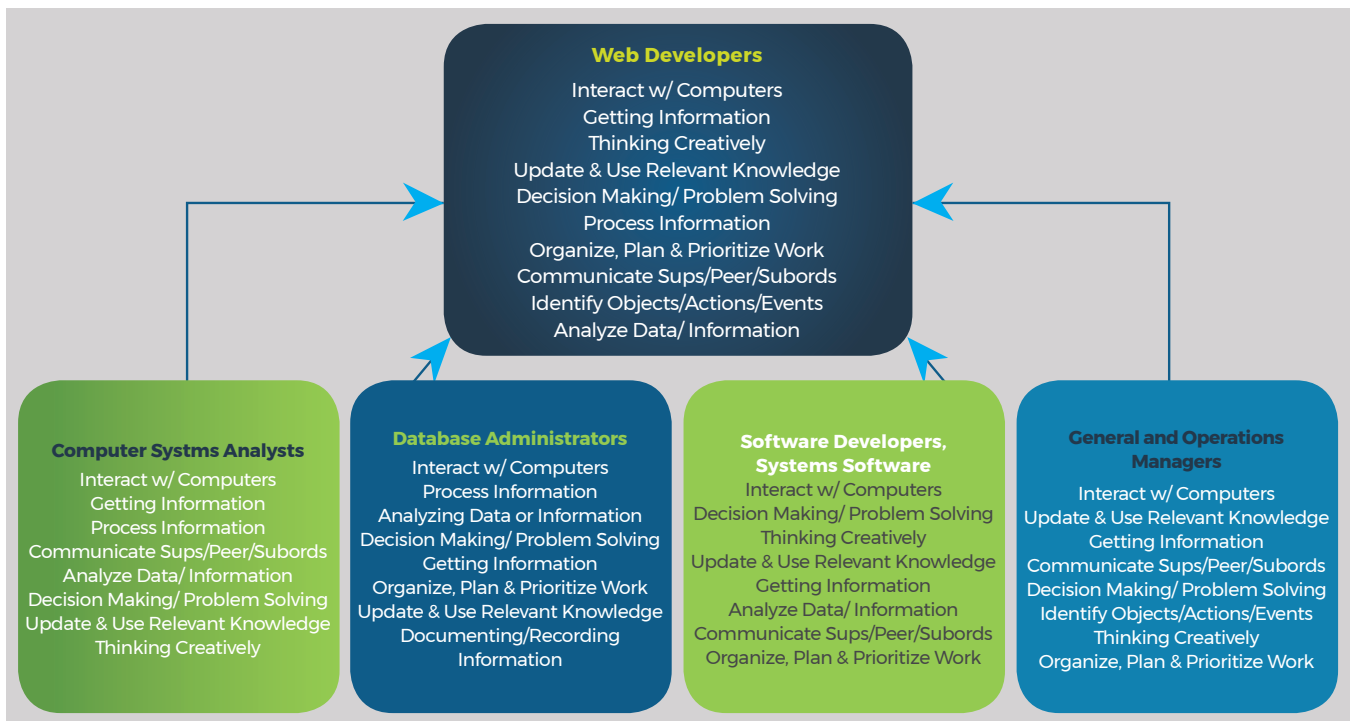
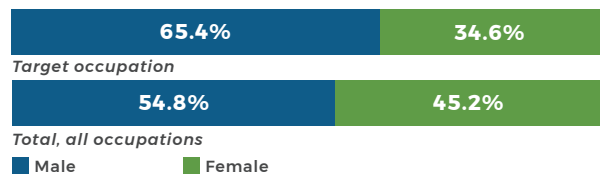
AGE DISTRIBUTION 2016



RACE AND ETHNICITY 2016



GENDER 2016



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