

DIGITALIZATION AND THE AMERICAN WORKFORCE

How the flow of digital technologies into nearly every business, workplace, and pocket continues to remake and disrupt the U.S. economy.



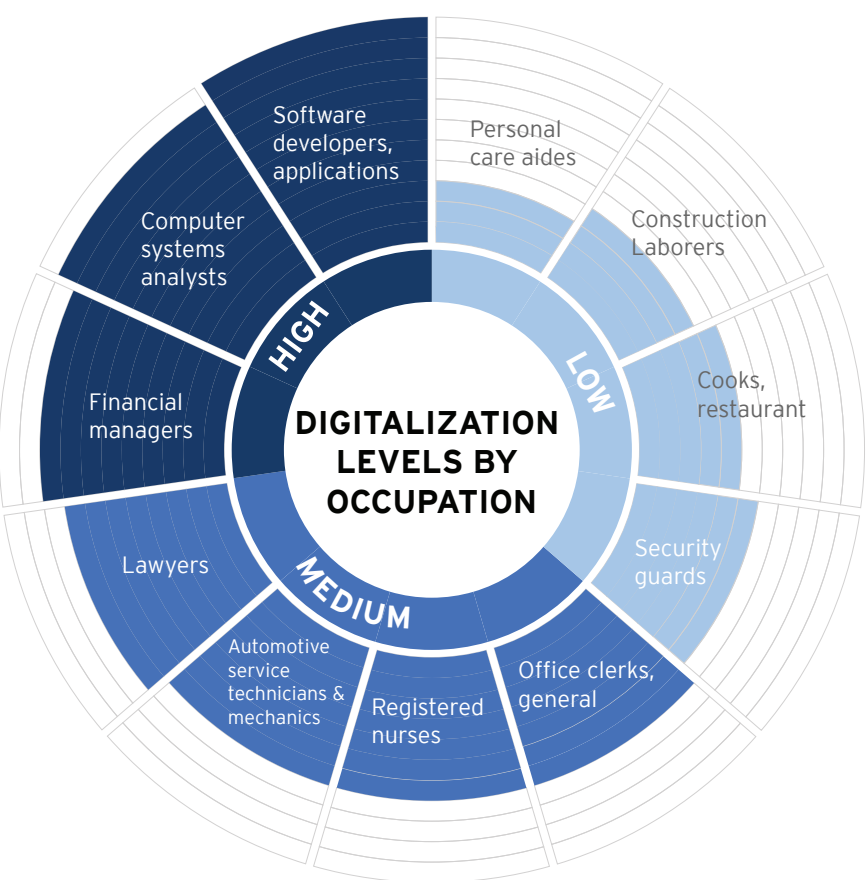
WHAT DIGITALIZATION IS

The process of employing digital technologies and information to transform business operations

WORKERS	2002	2016
in highly digital jobs	6 MILLION	32 MILLION
in medium digital jobs	49 MILLION	66 MILLION
in low digital jobs	69 MILLION	41 MILLION

DIGITAL SCORES

HIGH: 60 and above
MEDIUM: 33 - 60
LOW: 33 and below



HOW MUCH WORKERS EARN

\$72,896

in **high** digital occupations

\$48,274

in **medium** digital occupations

\$30,393

in **low** digital occupations

THE MOST AND LEAST DIGITALLY ORIENTED METRO AREAS

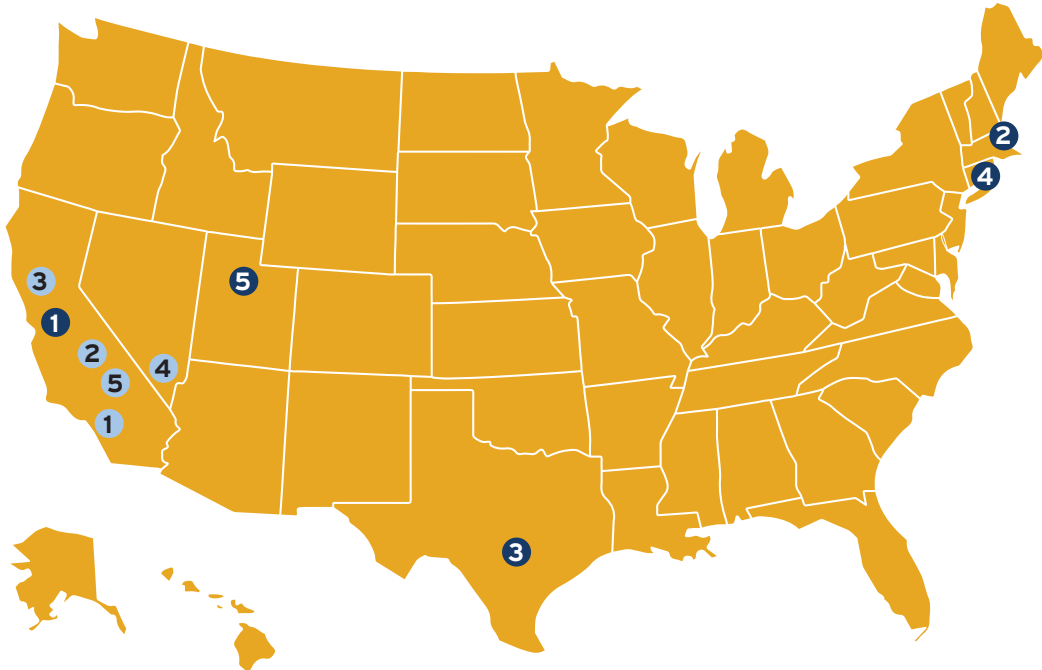
The extent of digitalization varies widely across places and is strongly associated with variations in regional economic performance

TOP 5

- 1 San Jose-Sunnyvale-Santa Clara, Calif. (47)
- 2 Boston-Cambridge-Newton, Mass. (44)
- 3 Austin-Round Rock, Texas (43)
- 4 Hartford-West Hartford-EastHartford, Conn. (43)
- 5 Salt Lake City, Utah (43)

BOTTOM 5

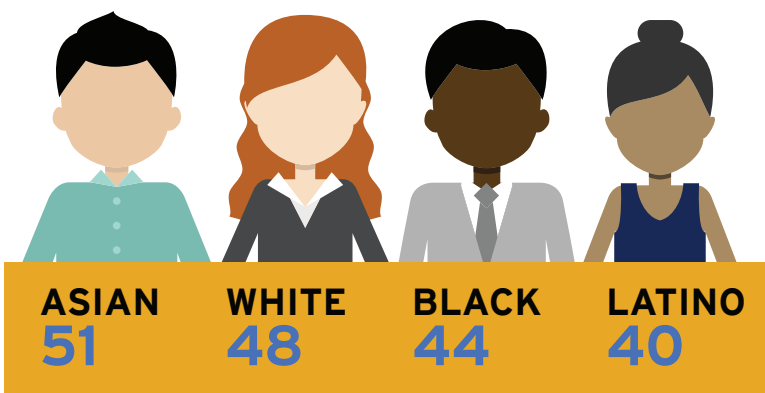
- 1 Riverside-San Bernardino-Ontario, Calif. (38)
- 2 Fresno, Calif. (38)
- 3 Stockton, Calif. (37)
- 4 Las Vegas, Nev. (36)
- 5 Bakersfield, Calif. (36)



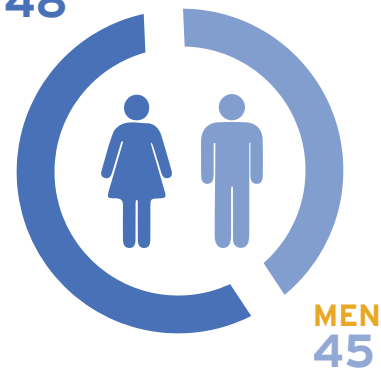
DIGITAL SCORE BY DEMOGRAPHIC

Digitalization is changing the skills workers need to access economic opportunity while creating new race- and gender-based training challenges

DIGITAL SCORE:



WOMEN



LEARN MORE

The report "*Digitalization and the American Workforce*" is designed to help address the shortage of data on digitalization, presenting a detailed analysis of changes in the digital content of 545 occupations covering 90 percent of the workforce in all industries since 2001.

Explore the report and interactives: [brookings.edu/research/digitalization](https://www.brookings.edu/research/digitalization)



Metropolitan Policy Program
at BROOKINGS