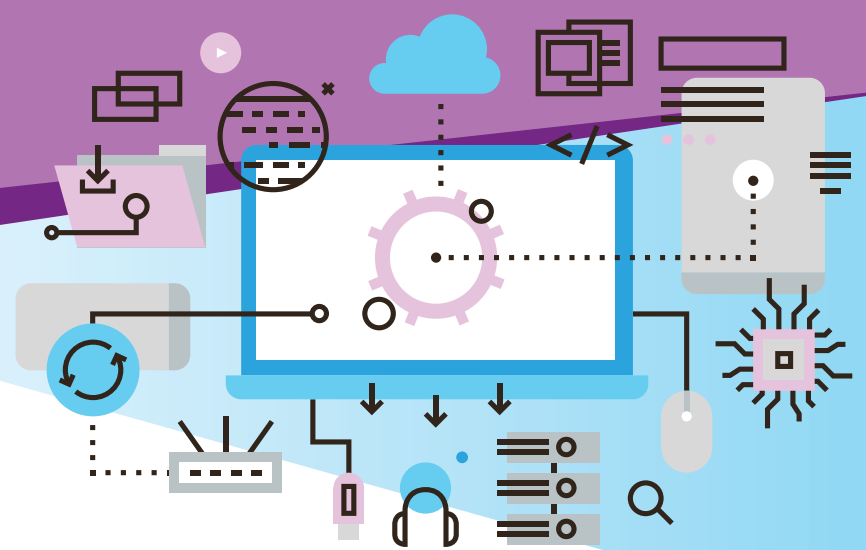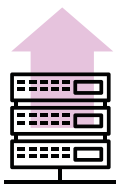# Information & Communication Technologies/ Digital Media (ICT/DM)
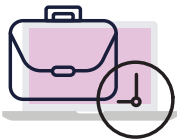
About the industry sector

6%
Projected job growth, 2019-2024

5,000
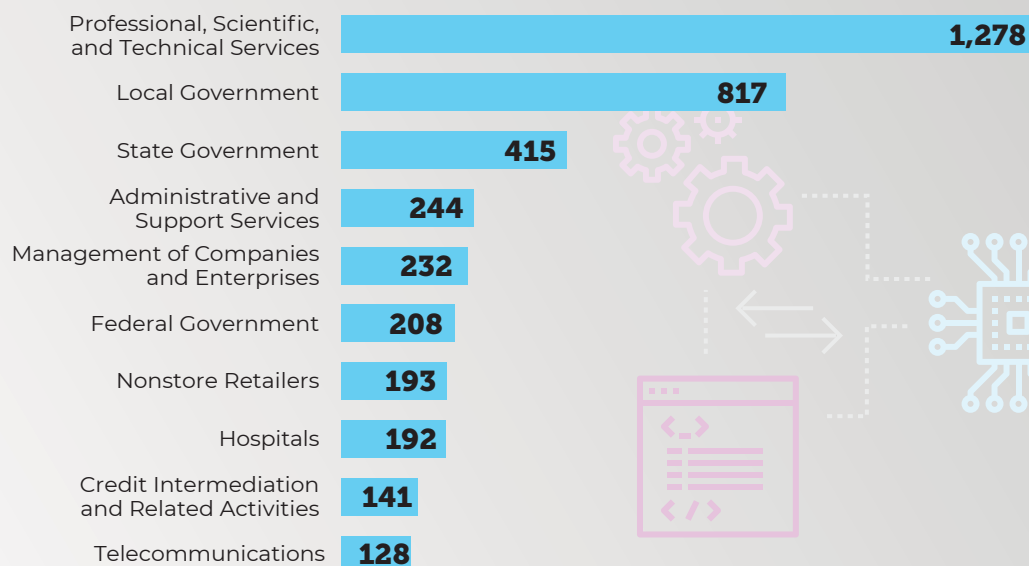ICT/DM jobs in 2019

300
additional jobs by 2024

Industry subsectors with the most ICT/DM jobs

Subsector	Jobs
Professional, Scientific, and Technical Services	1,278
Local Government	817
State Government	415
Administrative and Support Services	244
Management of Companies and Enterprises	232
Federal Government	208
Nonstore Retailers	193
Hospitals	192
Credit Intermediation and Related Activities	141
Telecommunications	128

Source: EMSI. 2019.4, QCEW and Non-QCEW employees, and self-employed. 15-county region includes Butte, Colusa, Del Norte, Glenn, Humboldt, Lake, Lassen, Mendocino, Modoc, Plumas, Shasta, Sierra, Siskiyou, Tehama, and Trinity counties.
SOC: 11-3021, 15-1121, 15-1122, 15-1131, 15-1132, 15-1134, 15-1141, 15-1142, 15-1143, 15-1151, 15-1152, 15-1199, 27-1014, 27-1024, 43-9031.
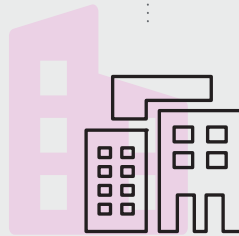
Top 10 employers posting ICT/DM jobs

- California State University system
- US Government
- Best Buy
- Lulus (fashion)
- Oroville Hospital
- Enloe Medical Center
- Build.com
- Del Norte County Unified School District
- Dignity Health
- Centene corporation

1,384
ICT/DM job postings, Jan-Dec 2019

What are employers looking for?

Hardest-to-fill jobs

Job Title	# of Job Postings	Days to Fill
Information Technology Project Managers	62	50
Graphic Designers	22	41
Database Architects	16	49

Most in-demand jobs

Job Title	# of Job Postings	Demand
Software Developers, Applications	399	High
Computer User Support Specialists	184	High
Web Developers	87	Medium
Computer Systems Engineers/Architects	73	Medium
Computer Systems Analysts	67	Medium

Most desired certifications

Cisco Certified Network Associate (CCNA)

IT Infrastructure Library (ITIL) Certification

Cisco Certified Network Professional (CCNP)

Certified A+ Technician (CompTIA A+ Technician)

Microsoft Certified Professional (MCP)

CompTIA Network+

Project Management Certification

Most desired skills

SQL

Java

JavaScript

Software Engineering

Technical Support

Customer Service

Software Development

Project Management

Repair

Information Systems

Jobs titles & wages

What jobs can I train for?	How many job openings each year?	How much will I earn per hour?			Educational Level
		Entry-Level 10th percentile	Median 50th percentile	Experienced 90th percentile	
Software Developers, Systems Software	16	$32	$49	$86	Bachelor's degree
Information Security Analysts	6	$31	$47	$71	Bachelor's degree
Computer and Information Systems Managers	28	$30	$53	$85	Bachelor's degree
Software Developers, Applications	57	$27	$44	$75	Bachelor's degree
Computer Network Architects	5	$26	$53	$85	Bachelor's degree
Database Administrators	7	$23	$43	$73	Bachelor's degree
Computer Systems Analysts	41	$23	$36	$60	Bachelor's degree
Network and Computer Systems Administrators	26	$21	$37	$57	Bachelor's degree
Multimedia Artists and Animators	8	$19	$38	$57	Bachelor's degree
Computer Network Support Specialists	21	$17	$28	$43	Associate's degree
Desktop Publishers	1	$17	$26	$36	Associate's degree
Computer Programmers	10	$15	$36	$66	Bachelor's degree
Computer User Support Specialists	82	$14	$22	$36	Some college, no degree
Graphic Designers	50	$14	$23	$37	Bachelor's degree
Computer Occupations, All Other	45	$13	$22	$47	Bachelor's degree
Web Developers	23	$12	$25	$47	Associate's degree

Bachelor's degree   Associate's degree   Some college, no degree

What training is available?

Community College programs

Computer Information Systems

Computer Infrastructure and Support

Computer Networking

Computer Science (Transfer)

Information Technology, General

Multimedia

Software Applications

World Wide Web Administration

Where can I get training?

Local Community Colleges

BUTTE COLLEGE

MC MENDOCINO COLLEGE

CR COLLEGE OF THE REDWOODS

Shasta College

College OF THE Siskiyous

C·O·E CENTERS OF EXCELLENCE FOR LABOR MARKET RESEARCH

coeccc.net

California Community Colleges

cccco.edu

NORTH FAR NORTH REGIONAL CONSORTIUM

nfnrc.org