



NO RTEC QUARTERLY OCCUPATIONAL OUTLOOK REPORT

Fall 2018

INFORMATION TECHNOLOGY

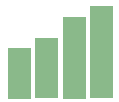




NETWORK SYSTEMS

In-Demand Skills: Operating Systems, Wide Area Networks, Local Area Networks, Network Switches, Information Systems

High School or Equivalent: No high-growth jobs at this level in this pathway
Associate Degree: No high-growth jobs at this level in this pathway
Bachelor's Degree: Computer Network Architects // Computer & Information Systems Managers // Network & Computer Systems Administrators



0.8%
Employment Growth



98
Job Postings

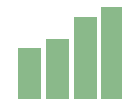


\$37.28-\$55.06
Median Hourly Earnings

INFORMATION SUPPORT & SERVICES

In-Demand Skills: Call Centers, Wide Area Network, Customer Experience, Local Area Networks, Business Development

High School or Equivalent: Customer Service Representatives
Certificate/Some College: Audio & Video Equipment Technicians // Computer User Support Specialists
Associate Degree: Computer Network Support Specialists
Advanced: Computer Network Architects // Computer & Information Systems Managers // Management Analysts // Managers, All Other // Training & Development Specialists // Marketing Managers // Computer Occupations, All Other // Network & Computer Systems Administrators



0.9%
Employment Growth



1,205
Job Postings



\$16.88-\$55.06
Median Hourly Earnings



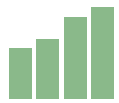
PROGRAMMING & SOFTWARE DEVELOPMENT

In-Demand Skills: Systems Engineering, SQL, C, C++, Embedded Systems, Firmware, Java, Java Script

High School or Equivalent: No high-growth jobs at this level in this pathway

Associate Degree: No high-growth jobs at this level in this pathway

Advanced: Software Developers, Applications // Electronics Engineers // Computer Hardware Engineers // Architectural & Engineering Managers // Software Developers, Systems Software



0.9%

Employment
Growth



171

Job Postings



\$43.82-\$59.31

Median Hourly
Earnings

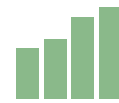
WEB & DIGITAL COMMUNICATIONS

In-Demand Skills: Adobe Photoshop, Adobe Illustrator, JavaScript, Adobe InDesign, Graphic Design, Cascading Style Sheets (CSS)

High School or Equivalent: No high-growth jobs at this level in this pathway

Associate Degree: Web Developers

Bachelor's Degree: Graphic Designers



0.5%

Employment
Growth



64

Job Postings

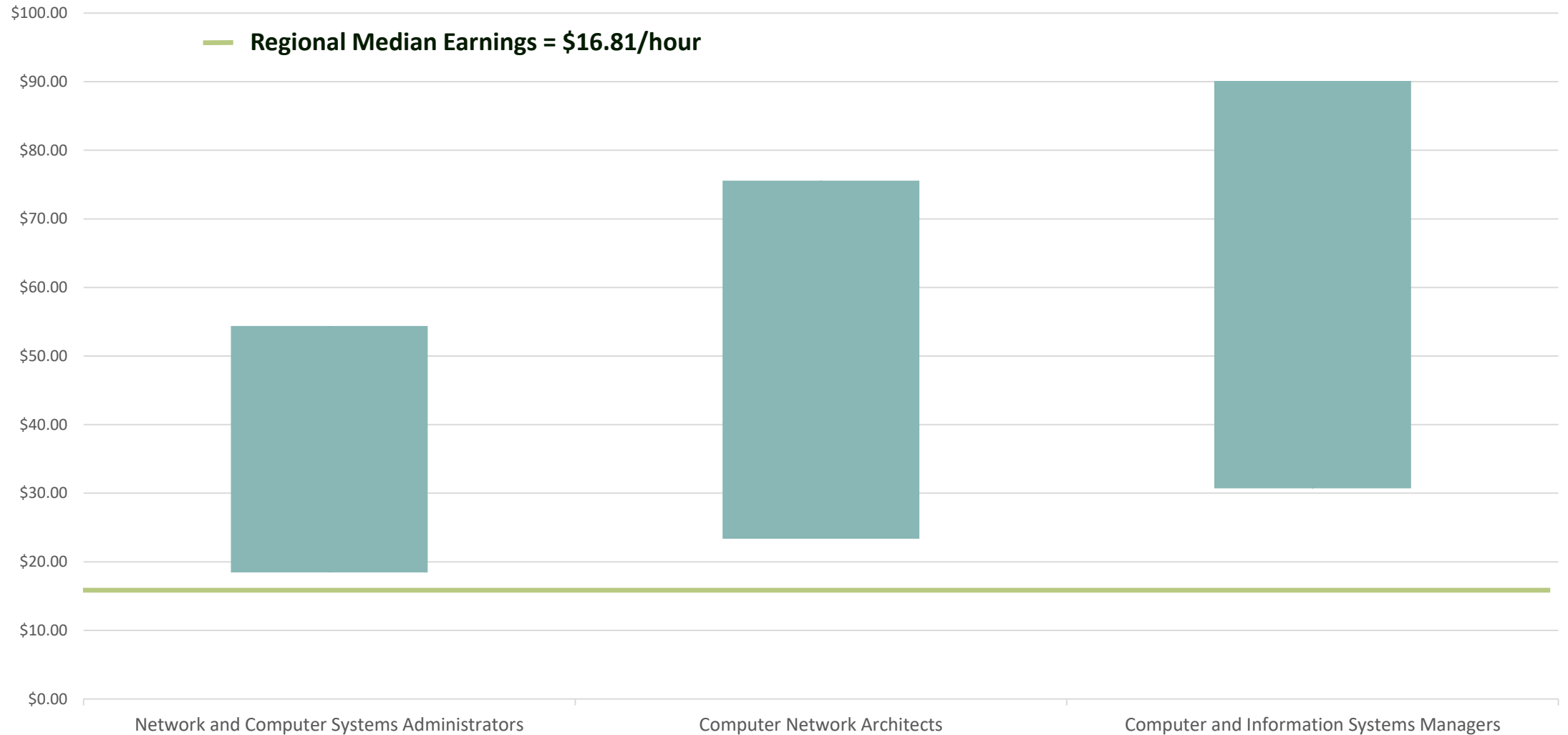


\$18.61-\$20.92

Median Hourly
Earnings

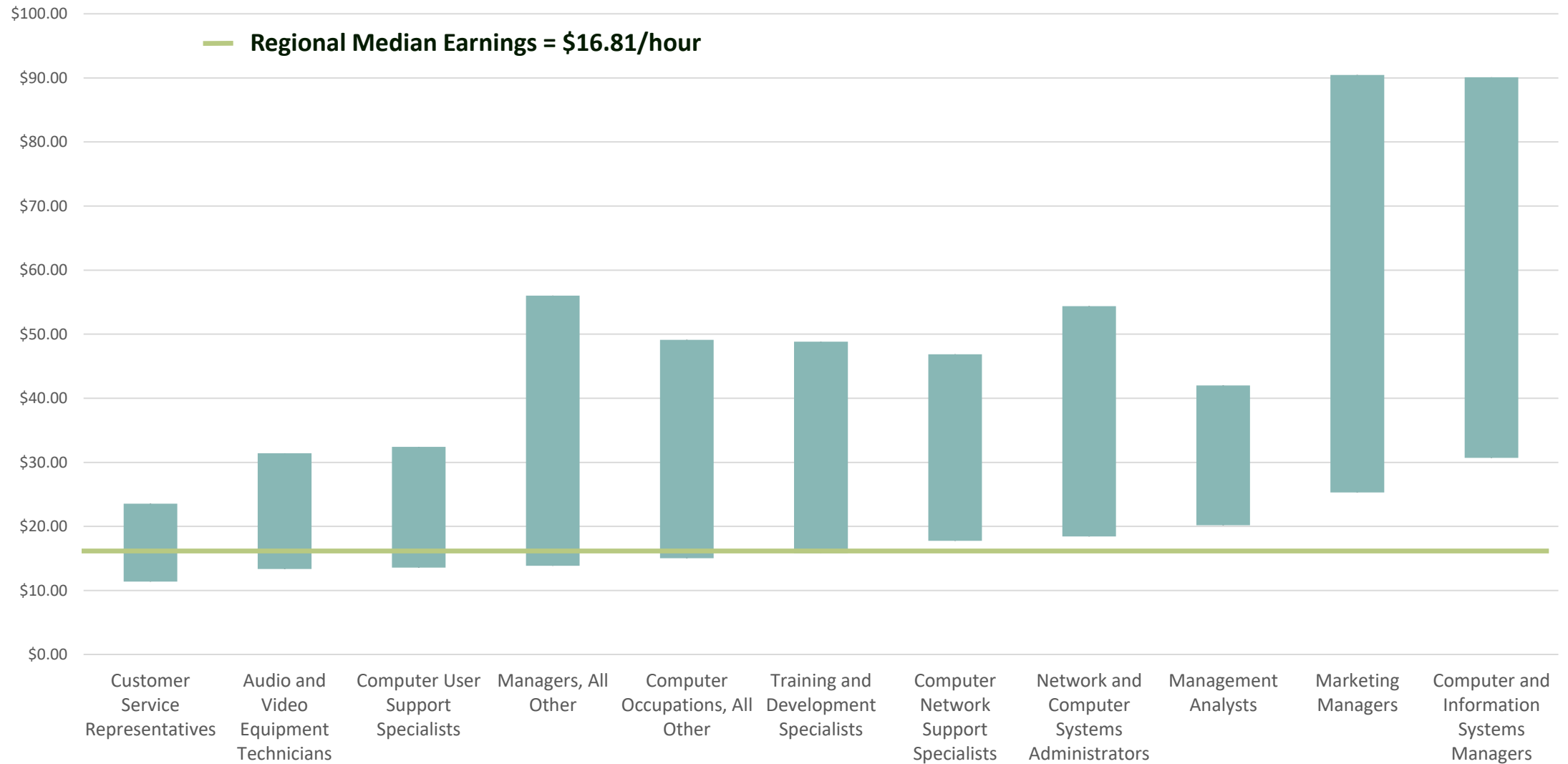


Earnings Bands for Network Systems Occupations



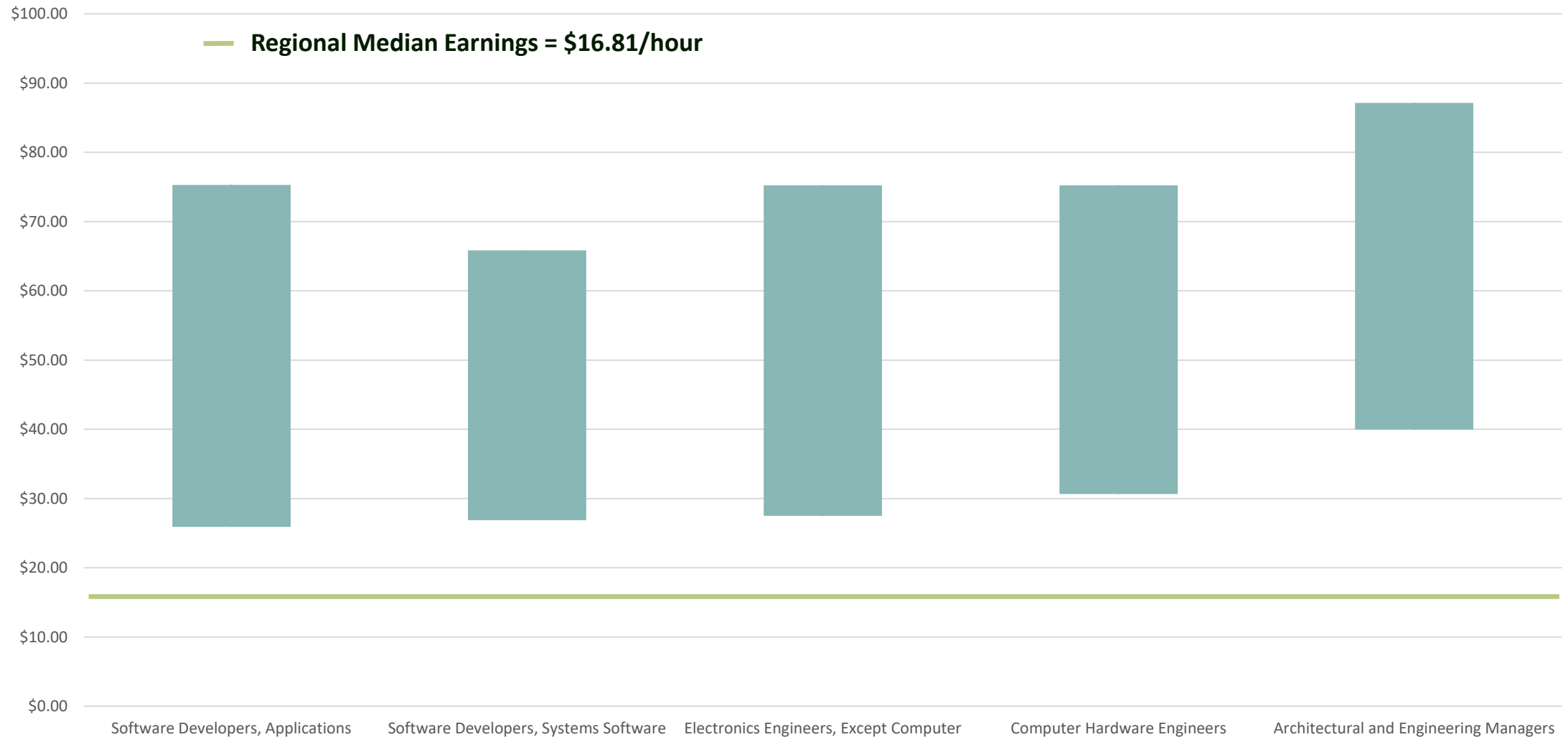


Earnings Bands for Information Support and Services Occupations



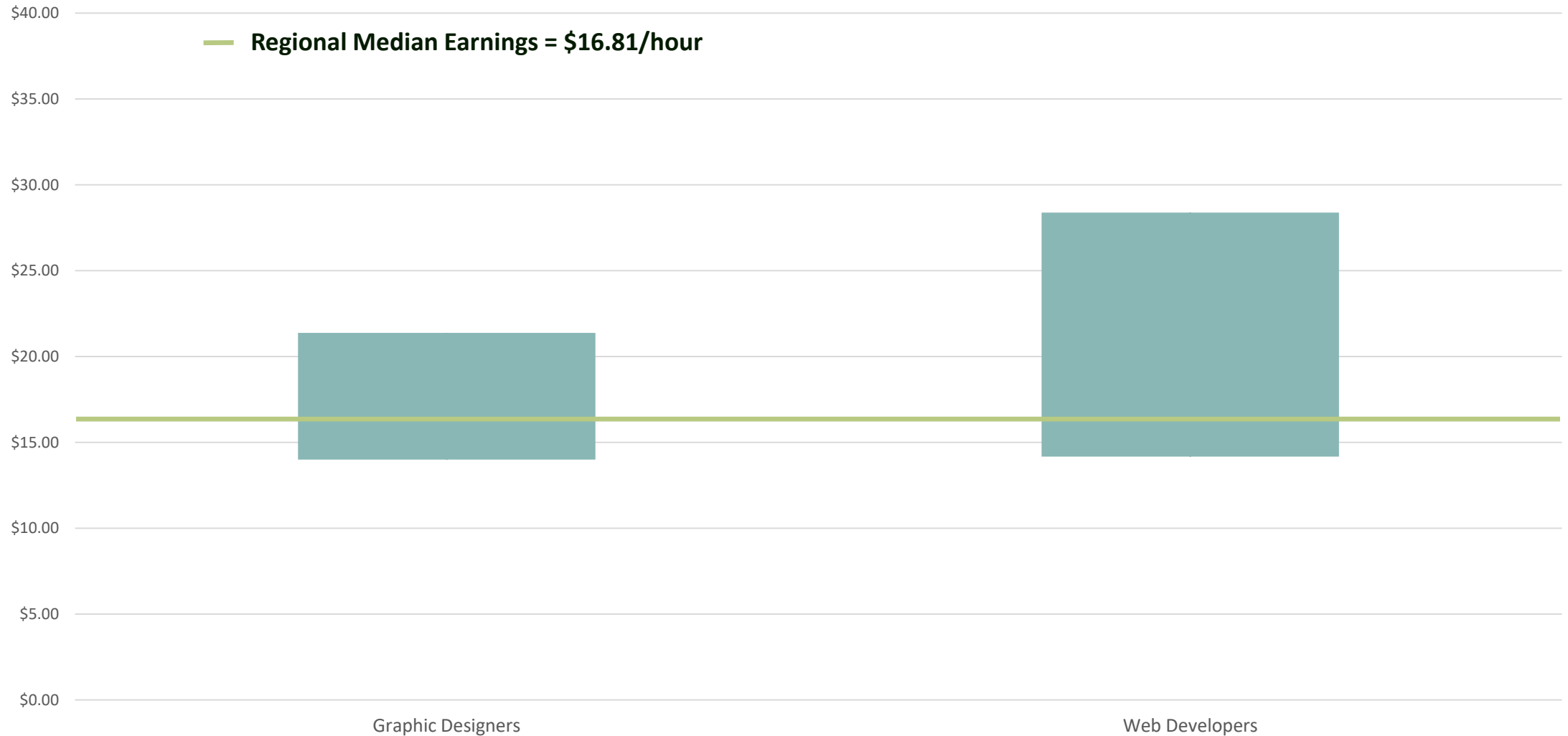


Earnings Bands for Programming and Software Development Occupations





Earnings Bands for Web and Digital Communications Occupations





Citations

In-Demand Skills Data: *Emsi Q4 Job Posting Analytics*. Job postings are collected from various sources and processed/enriched to provide information such as standardized company name, occupation, skills, and geography.

Occupational Data: *Emsi Q4 Staffing Patterns*. Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level Emsi earnings by industry.

Employment Growth Data: *Emsi Q4 Staffing Patterns*. Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level Emsi earnings by industry.

Job Postings Data: *Emsi Q4 Job Posting Analytics*. Job postings are collected from various sources and processed/enriched to provide information such as standardized company name, occupation, skills, and geography.

Median Hourly Earnings Data: *Emsi Q4 Staffing Patterns*. Emsi occupation employment data are based on final Emsi industry data and final Emsi staffing patterns. Wage estimates are based on Occupational Employment Statistics (QCEW and Non-QCEW Employees classes of worker) and the American Community Survey (Self-Employed and Extended Proprietors). Occupational wage estimates also affected by county-level Emsi earnings by industry.

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