2 Installation, Maintenance, and Repair Occupations
in Florida

Contents

What is Lightcast Data?

Lightcast data is a hybrid dataset derived from official government sources such as the US Census Bureau, Bureau of Economic Analysis, and Bureau of Labor Statistics. Leveraging the unique strengths of each source, our data modeling team creates an authoritative dataset that captures more than 99% of all workers in the United States. This core offering is then enriched with data from online social profiles, resumés, and job postings to give you a complete view of the workforce.

Lightcast data is frequently cited in major publications such as *The Atlantic*, *Forbes*, *Harvard Business Review*, *The New York Times*, *The Wall Street Journal*, and *USA Today*.

Report Parameters

2 Occupations

49-2022   Telecommunications Equipment Installers and Repairers, Except Line Installers

49-9052   Telecommunications Line Installers and Repairers
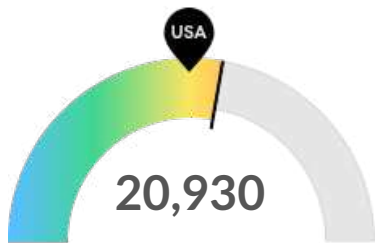
1 State

12   Florida

Class of Worker

QCEW Employees, Non-QCEW Employees, and Self-Employed

The information in this report pertains to the chosen occupations and geographical area.
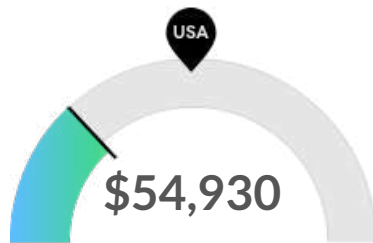
Executive Summary

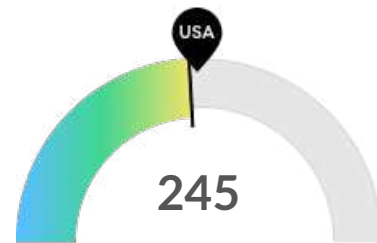## Average Job Posting Demand Over a Deep Supply of Regional Jobs

20,930

Jobs (2024)

Florida is a hotspot for this kind of
job. The national average for an
area this size is 17,896*
employees, while there are 20,930
here.

$54,930

Compensation

Earnings are low in Florida. The
national median salary for your
occupations is $62,068, compared
to $54,930 here.

245

Job Posting Demand

Job posting activity is about
average in Florida. The national
average for an area this size is
258* job postings/mo, while there
are 245 here.

*National average values are derived by taking the national value for your occupations and scaling it down to account for the difference in overall
workforce size between the nation and Florida. In other words, the values represent the national average adjusted for region size.

Jobs

## Regional Employment Is Higher Than the National Average

An average area of this size typically has 17,896* jobs, while there are 20,930 here. This higher than average supply of jobs may make it easier for workers in this field to find employment in your area.
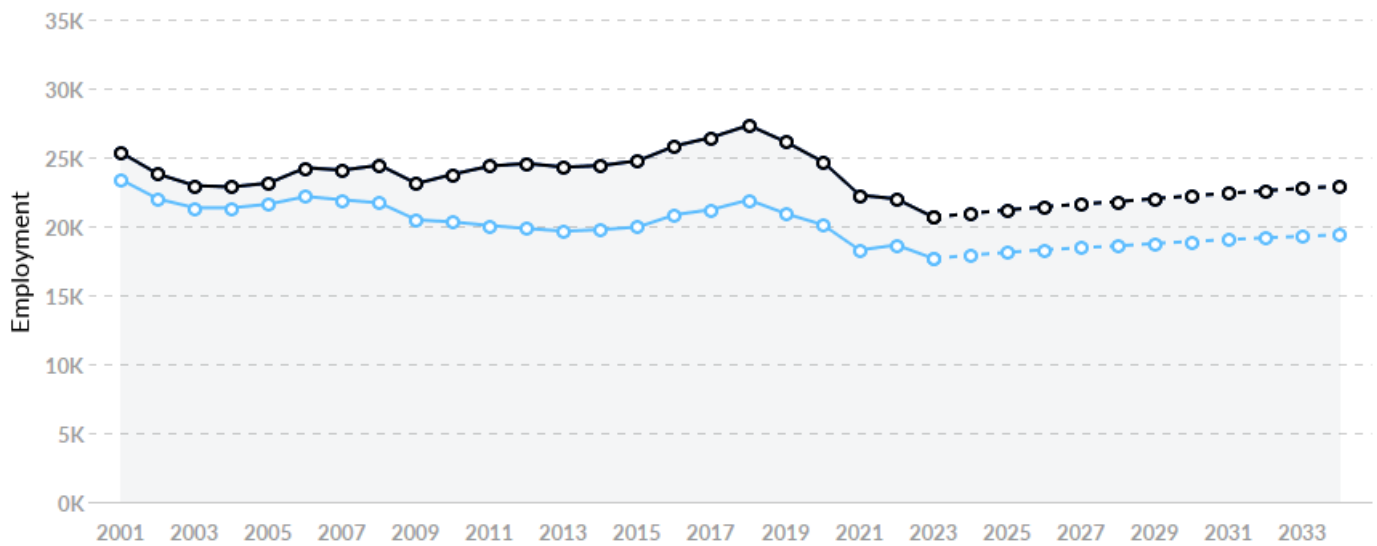
|	Region	2024 Jobs	2028 Jobs	Change	% Change
●	Florida	20,930	21,783	853	4.1%
●	National Average	17,896	18,576	680	3.8%
●	Florida	20,930	21,783	853	4.1%

*National average values are derived by taking the national value for your occupations and scaling it down to account for the difference in overall workforce size between the nation and Florida. In other words, the values represent the national average adjusted for region size.

Regional Breakdown
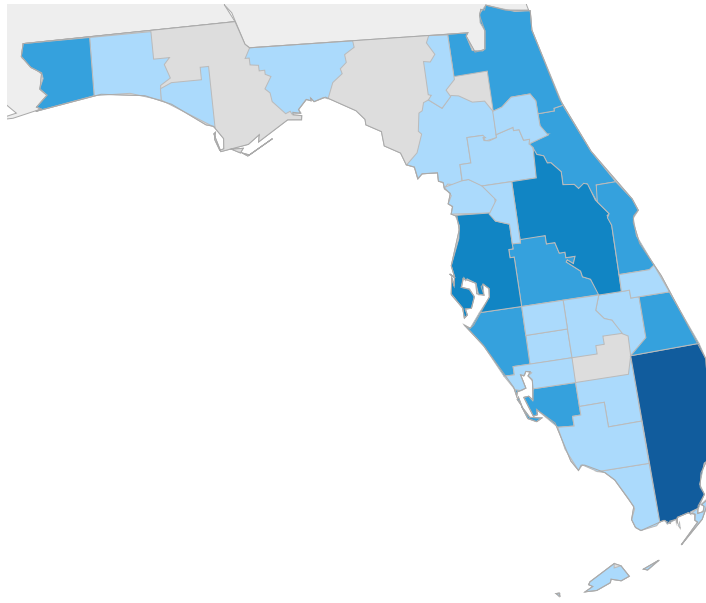
MSA	2024 Jobs
Miami-Fort Lauderdale-Pompano Beach, FL	6,328
Tampa-St. Petersburg-Clearwater, FL	3,400
Orlando-Kissimmee-Sanford, FL	2,483
Jacksonville, FL	1,033
Palm Bay-Melbourne-Titusville, FL	623

## Most Jobs are Found in the Wired and Wireless Telecommunications (except Satellite) Industry Sector
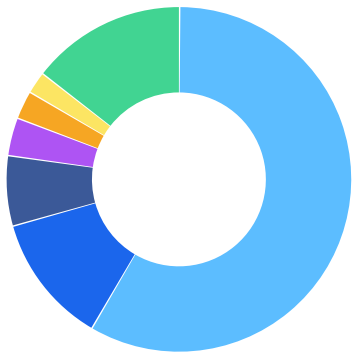
Industry	% of Occupation in Industry (2024)
🔵 Wired and Wireless Telecommunications (except Satellite)	58.3%
🔵 Building Equipment Contractors	12.2%
🔵 Utility System Construction	6.6%
🟣 All Other Telecommunications	3.6%
🟠 Electronic and Precision Equipment Repair and Maintenance	2.7%
🟡 Computer Systems Design and Related Services	2.1%
🟢 Other	14.6%

Compensation

Regional Compensation Is 12% Lower Than National Compensation

For your occupations, the 2023 median wage in Florida is $54,930, while the national median wage is $62,068.
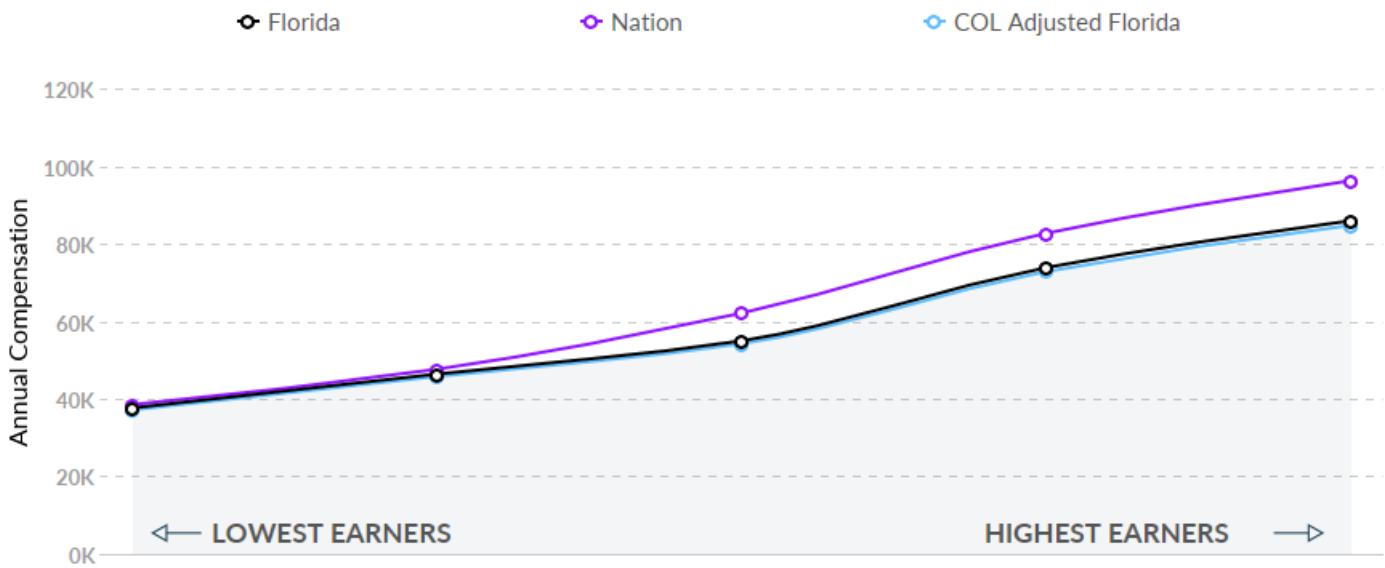
Job Posting Activity

1,957 Unique Job Postings

The number of unique postings for this job from Jan 2024 to Aug 2024.
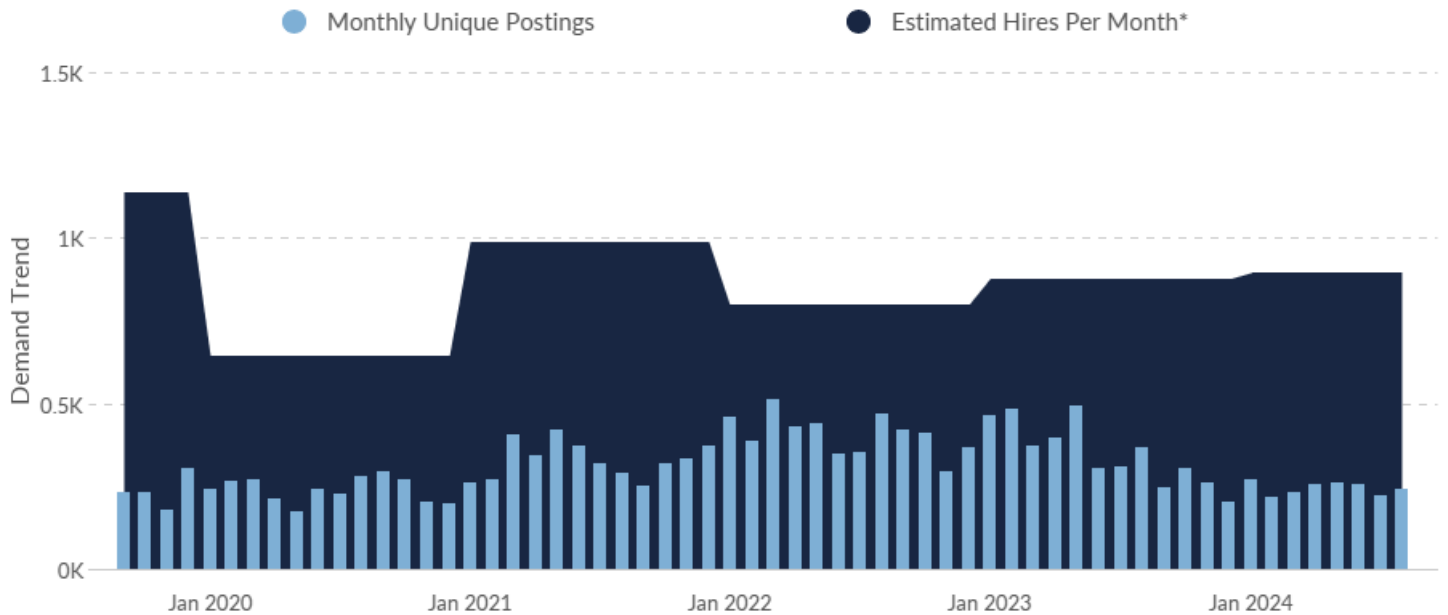
514 Employers Competing

All employers in the region who posted for this job from Jan 2024 to Aug 2024.

24 Day Median Duration

Posting duration is 1 day shorter than what's typical in the region.

● Monthly Unique Postings   ● Estimated Hires Per Month*

Occupation	Avg Monthly Postings (Jan 2024 - Aug 2024)	Avg Monthly Hires (Jan 2024 - Aug 2024)
Telecommunications Line Installers and Repairers	153	355
Telecommunications Equipment Installers and Repairers, Except Line Installers	92	542

*A hire is reported by the Quarterly Workforce Indicators when an individual's Social Security Number appears on a company's payroll and was not there the quarter before. Lightcast hires are calculated using a combination of Lightcast jobs data, information on separation rates from the Bureau of Labor Statistics (BLS), and industry-based hires data from the Census Bureau.

Top Companies	Unique Postings		Top Job Titles	Unique Postings
Moldcable	85		Cable Technicians	253
Randstad	51		Field Technicians	90
MasTec	44		Fiber Splicers	88
Koscom Cable	43		Cable Technicians/Installers	82
Dish	35		Cable Installers	72
Ductmasters	31		Field Service Technicians	63
AT&T	20		Structured Cabling Technicians	62
Anistar	20		Telecommunications Technicians	58
City Cable USA	20		Low Voltage Cable Technicians	55
Next Level Technician	20		Low Voltage Technicians	55

Top Distinguishing Skills by Demand

An occupation's Distinguishing Skills are the advanced skills that are called for occasionally. An employee with these skills is likely more specialized and able to differentiate themselves from others in the same role.
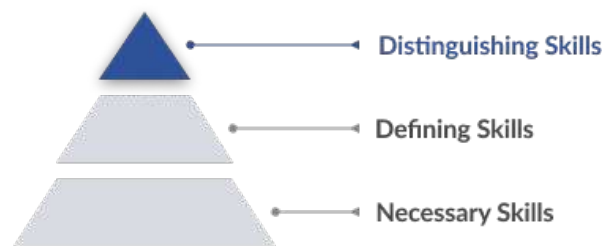
Distinguishing Skills

Defining Skills

Necessary Skills

Skill	Salary Boosting	Job Postings Requesting	Projected Growth	Growth Relative to Market
Optical Time-Domain Reflectometer	✖	123	+22.6%	Rapidly Growing
Building Industry Consulting Service International (BICSI) Standards	✖	122	+21.0%	Rapidly Growing
Patch Panels	✖	102	+23.6%	Rapidly Growing
Cable Television	✖	96	+12.4%	Growing
Punching (Cabling)	✖	70	+4.0%	Lagging
Outside Plant	✖	65	+9.3%	Growing

Top Defining Skills by Demand

An occupation's Defining Skills represent the day-to-day tasks and responsibilities of the job. An employee needs these skills to qualify for and perform successfully in this occupation.
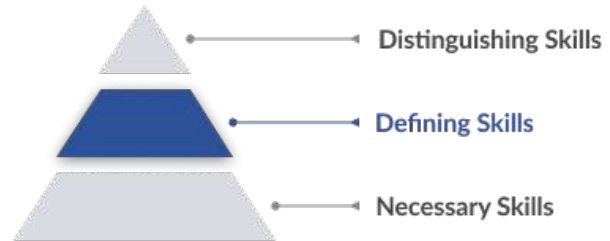
Distinguishing Skills

Defining Skills

Necessary Skills

Skill	Salary Boosting	Job Postings Requesting	Projected Growth	Growth Relative to Market
Valid Driver's License	❌	762	+7.5%	Stable
Telecommunications	❌	517	+23.4%	Rapidly Growing
Low Voltage	❌	405	+13.2%	Growing
Hand Tools	❌	350	+6.2%	Stable
Fiber Optics	❌	325	+7.6%	Stable
Category 5 Cabling	❌	307	+12.7%	Growing
Fiber Optic Cable	❌	292	+29.2%	Rapidly Growing
Splicing	❌	266	+15.3%	Growing
Category 6 Cabling	❌	201	+8.8%	Growing
Broadband	❌	157	+7.8%	Stable

Top Necessary Skills by Demand

An occupation's Necessary Skills are the specialized skills required for that job and relevant across other similar jobs. An employee needs these skills as building blocks to perform the more complex Defining Skills.
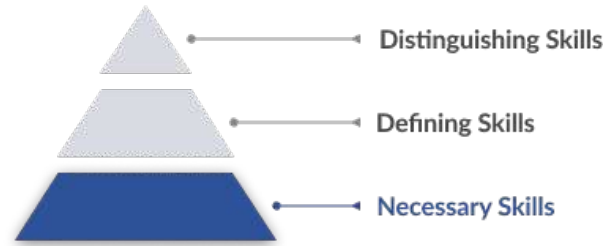
Distinguishing Skills

Defining Skills

Necessary Skills

Skill	Salary Boosting	Job Postings Requesting	Projected Growth	Growth Relative to Market
Hand Tools	✖	350	+6.2%	Stable
Electrical Wiring	✖	240	+20.1%	Rapidly Growing
Power Tool Operation	✖	220	+7.4%	Stable
Access Controls	✖	176	+7.4%	Stable
Test Equipment	✖	150	+18.1%	Growing
Project Management	✖	131	+19.8%	Rapidly Growing
Network Switches	✖	130	+14.5%	Growing
Blueprinting	✖	103	+21.4%	Rapidly Growing
Electronics	✖	70	+16.9%	Growing
Upselling	✖	42	+14.1%	Growing

Demographics

Retirement Risk Is About Average, While Overall Diversity Is High
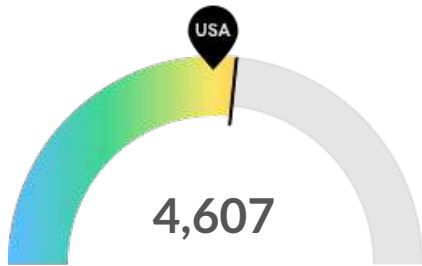
4,607

Retiring Soon

Retirement risk is about average in Florida. The national average for an area this size is 4,193* employees 55 or older, while there are 4,607 here.

10,283

Racial Diversity

Racial diversity is high in Florida. The national average for an area this size is 7,626* racially diverse employees, while there are 10,283 here.
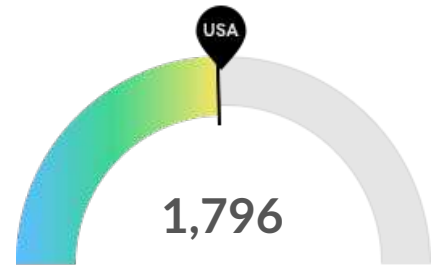
1,796

Gender Diversity

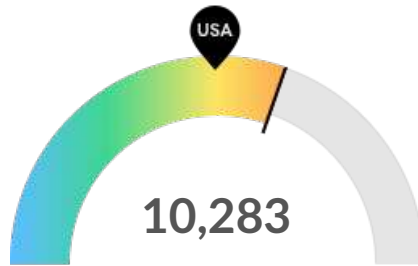Gender diversity is about average in Florida. The national average for an area this size is 1,842* female employees, while there are 1,796 here.

*National average values are derived by taking the national value for your occupations and scaling it down to account for the difference in overall workforce size between the nation and Florida. In other words, the values represent the national average adjusted for region size.

Occupation Age Breakdown

		% of Jobs	Jobs
●	14-18	0.3%	56
●	19-24	6.3%	1,293
●	25-34	19.9%	4,105
●	35-44	25.1%	5,180
●	45-54	26.2%	5,415
●	55-64	18.3%	3,780
●	65+	4.0%	828
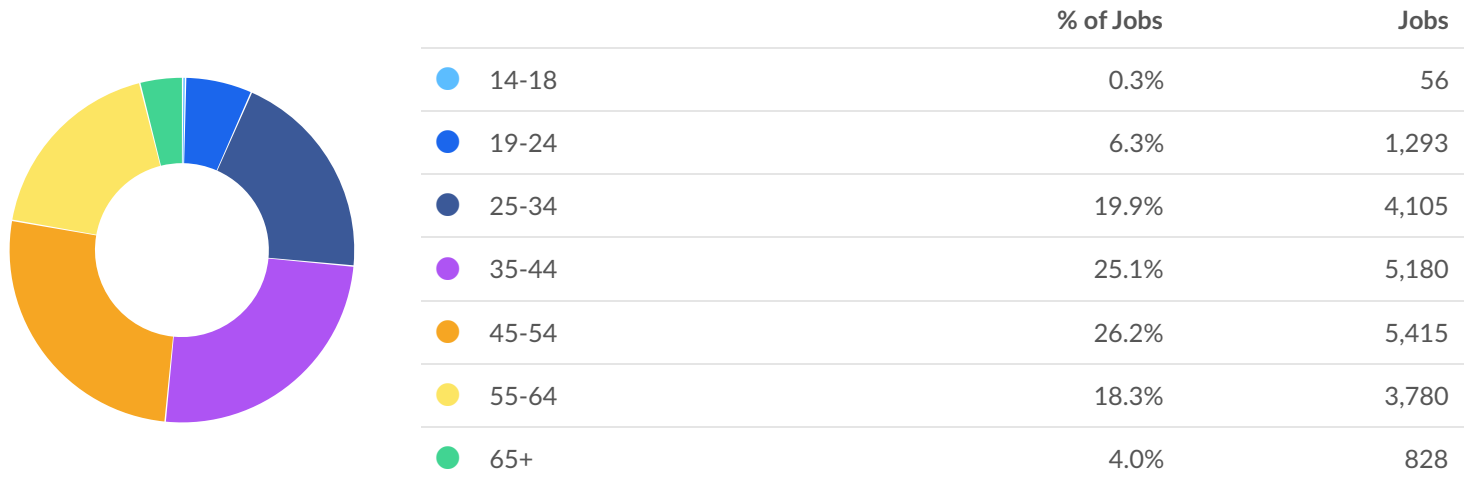
Occupation Race/Ethnicity Breakdown
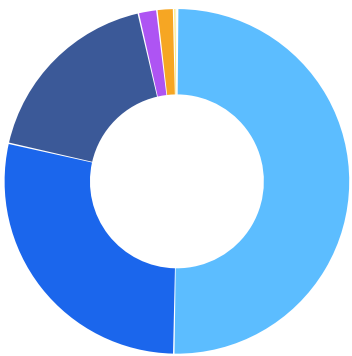
	% of Jobs	Jobs
● White	50.2%	10,374
● Hispanic or Latino	28.3%	5,837
● Black or African American	17.9%	3,688
● Two or More Races	1.7%	359
● Asian	1.5%	320
● American Indian or Alaska Native	0.2%	49
● Native Hawaiian or Other Pacific Islander	0.1%	29

Occupation Gender Breakdown
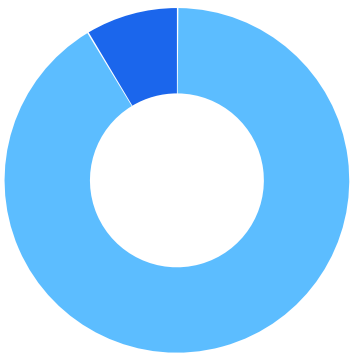
	% of Jobs	Jobs
● Males	91.3%	18,860
● Females	8.7%	1,796

Occupational Programs

9 Programs

Of the programs that can train for this job, 9 have produced completions in the last 5 years.

1,940 Completions (2023)

The completions from all regional institutions for all degree types.

2,464 Openings (2023)

The average number of openings for an occupation in the region is 1,821.

CIP Code	Top Programs	Completions (2023)	
11.1001	Network and System Administration/Administrator	1,333	
15.1299	Computer Engineering Technologies/Technicians, Other	299	
15.1202	Computer/Computer Systems Technology/Technician	182	
15.0305	Telecommunications Technology/Technician	89	
46.0303	Lineworker	21	
15.1201	Computer Engineering Technology/Technician	16	

Top Schools	Completions (2023)	
Valencia College	414	
Full Sail University	299	
Miami Dade College	214	
Seminole State College of Florida	174	
Broward College	106	
Florida State College at Jacksonville	89	
Hillsborough Community College	56	
Palm Beach State College	46	
Florida Career College-Lauderdale Lakes	46	
Rasmussen University-Florida	39	

Appendix A - Data Sources and Calculations

Location Quotient

Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.

Occupation Data

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 are also affected by county-level Emsi earnings by industry.

Staffing Patterns Data

The staffing pattern data in this report are compiled from several sources using a specialized process. For QCEW and Non-QCEW Employees classes of worker, sources include Occupational Employment Statistics, the National Industry-Occupation Employment Matrix, and the American Community Survey. For the Self-Employed and Extended Proprietors classes of worker, the primary source is the American Community Survey, with a small amount of information from Occupational Employment Statistics.

Cost of Living Data

Lightcast's cost of living data is based on the Cost of Living Index published by the Council for Community and Economic Research (C2ER).

Lightcast Job Postings

Job postings are collected from various sources and processed/enriched to provide information such as standardized company name, occupation, skills, and geography.

Institution Data

The institution data in this report is taken directly from the national IPEDS database published by the U.S. Department of Education's National Center for Education Statistics.