



# Contents

What is Lightcast Data?	
Report Parameters	2
Workforce Map	
Executive Summary	
Supply (Jobs)	5
Demographic Details	9
Compensation	
Demand	
What skills are they posting for?	
Occupation Gain and Drain	
Graduate Pipeline	26
Appendix A (Occupations)	27



# 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*.



**Forbes** 

Harvard Business Review Ehe New Hork Eimes WSJ





# **Report Parameters**

## **86 Occupations**

11-2022	Sales Managers
11-3071	Transportation, Storage, and Distribution
Managers	
11-9013	Farmers, Ranchers, and Other Agricultural
Managers	
11-9121	Natural Sciences Managers
13-1028	Buyers and Purchasing Agents

13-1041	Compliance Officers
13-1074	Farm Labor Contractors
13-2072	Loan Officers
15-1232	Computer User Support Specialists
See Append	dix A for all 86 Occupations

## 1 County

55073 Marathon County, WI

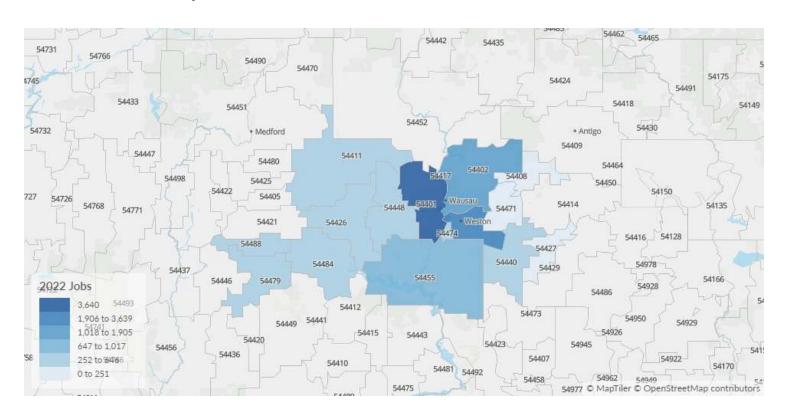
## Class of Worker

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

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



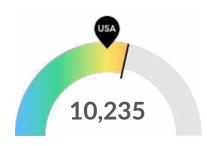
# Workforce Map





# **Executive Summary**

## Light Hiring Competition Over a Deep Supply of Regional Talent



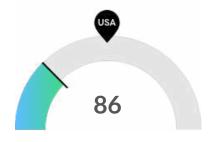
#### Supply (Jobs)

Marathon County, WI is a hotspot for this kind of talent. The national average for an area this size is 8,393\* employees, while there are 10,235 here.



#### Compensation

The cost for talent is about average in Marathon County, WI. The national median salary for your occupations is \$39,079, while you'll pay \$39,626 here.



#### **Demand (Job Postings)**

Competition from online job postings is low in Marathon County, WI. The national average for an area this size is 205\* job postings/mo, while there are 86 here.

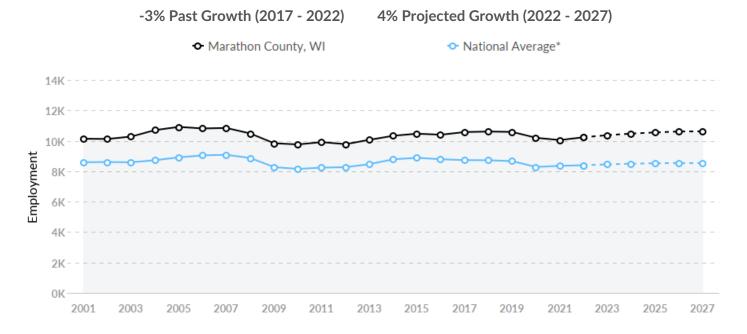
<sup>\*</sup>National average values are derived by taking the national value for your occupations and scaling it down to account for the difference in overall workforce size between the nation and Marathon County, WI. In other words, the values represent the national average adjusted for region size.



# Supply (Jobs)

## Supply Is Higher Than the National Average

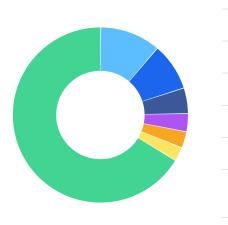
The regional vs. national average employment helps you understand if the supply of your occupations is a strength or weakness for Marathon County, WI, and how it is changing relative to the nation. An average area of this size would have 8,393\* employees, while there are 10,235 here. This higher than expected supply may make it easier to find candidates. The gap between expected and actual employment is expected to increase over the next 5 years.



\*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 Marathon County, WI. In other words, the values represent the national average adjusted for region size.



# Most Jobs are Found in the Animal Production Industry Sector

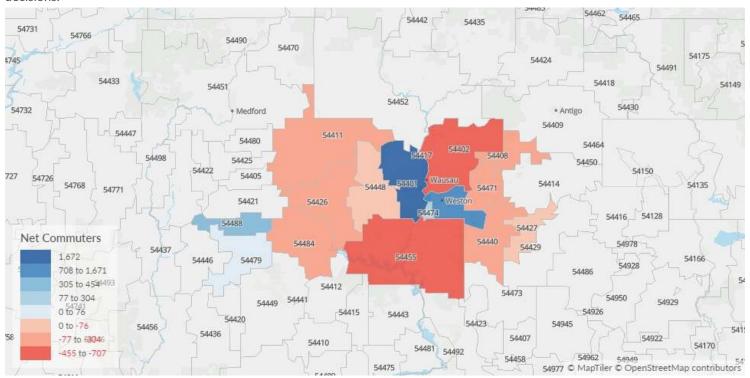


Industry	% of Occupation in Industry (2022)
Animal Production	11.2%
Dairy Product Manufacturing	8.8%
Crop Production	4.7%
Architectural and Structural Metals Manufacturing	3.3%
Building Material and Supplies Dealers	3.0%
General Merchandise Stores, including Warehouse Clubs and Supercenters	2.6%
Other	66.4%



## Place of Work vs Place of Residence

Understanding where talent in Marathon County, WI currently works compared to where talent lives can help you optimize site decisions.



2022

466

Where	Tal	ent	W	or!	ks
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# ZIP Name Employment 54401 Wausau, WI (in Maratho... 3,640 54476 Schofield, WI (in Marath... 1,906 54403 Wausau, WI (in Maratho... 1,018 54455 Mosinee, WI (in Marath... 647

Unity, WI (in Marathon ...

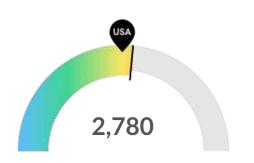
#### Where Talent Lives

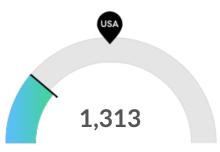
ZIP	Name	Workers
54401	Wausau, WI (in Maratho	1,968
54403	Wausau, WI (in Maratho	1,473
54455	Mosinee, WI (in Marath	1,225
54476	Schofield, WI (in Marath	1,198
54411	Athens, WI (in Maratho	555

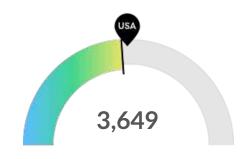
54488



## Retirement Risk Is About Average, While Overall Diversity Is Low







#### **Retiring Soon**

Retirement risk is about average in Marathon County, WI. The national average for an area this size is 2,554\* employees 55 or older, while there are 2,780 here.

#### **Racial Diversity**

Racial diversity is low in Marathon County, WI. The national average for an area this size is 3,594\* racially diverse employees, while there are 1,313 here.

#### **Gender Diversity**

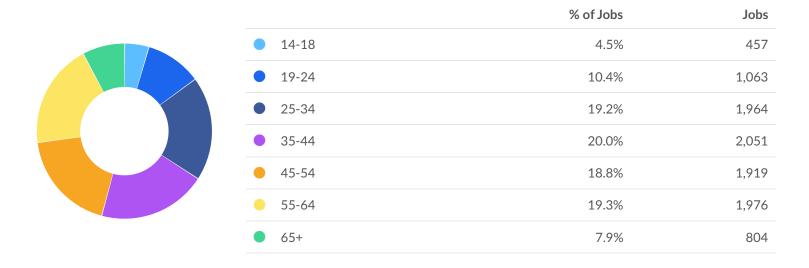
Gender diversity is about average in Marathon County, WI. The national average for an area this size is 3,884\* female employees, while there are 3,649 here.

<sup>\*</sup>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 Marathon County, WI. In other words, the values represent the national average adjusted for region size.



# **Demographic Details**

## **Occupation Age Breakdown**



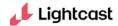
## Occupation Race/Ethnicity Breakdown





# Occupation Gender Breakdown

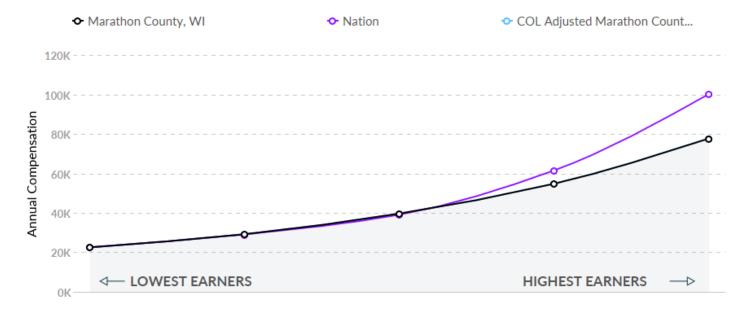




# Compensation

## **Talent Is 1% More Expensive**

In 2021, the median compensation for your occupations in Marathon County, WI is \$39,626. Based on the national median wage of \$39,079 for this position, this means you will spend about 1% more to employ your occupations here. However, their actual purchasing power will be 2% greater than the national median when we adjust for regional cost of living (which is 0% lower than average).





## **Demand**



#### **241 Employers Competing**

All employers in the region who posted for this job over the last 12 months.



#### 1,028 Unique Job Postings

The number of unique postings for this job over the last 12 months.



#### 30 Day Median Duration

Posting duration is 4 days longer than what's typical in the region.



Occupation	Avg Monthly Postings (May 2022 - Apr 2023)	Avg Monthly Hires (May 2022 - Apr 2023)
Retail Salespersons	25	107
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	14	32
Production Workers, All Other	7	7
Welders, Cutters, Solderers, and Brazers	2	20

<sup>\*</sup>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.



Occupation	Avg Monthly Postings (May 2022 - Apr 2023)	Avg Monthly Hires (May 2022 - Apr 2023)
Sales Managers	4	4
Computer User Support Specialists	4	8
Machinists	2	10
Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	2	15
Buyers and Purchasing Agents	3	8
Securities, Commodities, and Financial Services Sales Agents	2	4
Electrical and Electronic Engineering Technologists and Technicians	2	0
Transportation, Storage, and Distribution Managers	2	2
Dietitians and Nutritionists	2	1
Inspectors, Testers, Sorters, Samplers, and Weighers	2	19
Loan Officers	1	6
Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	1	1
Food Preparation Workers	0	35
Database Administrators	1	0
Veterinarians	1	1
Mobile Heavy Equipment Mechanics, Except Engines	1	3
Landscaping and Groundskeeping Workers	1	28
Natural Sciences Managers	1	0
Butchers and Meat Cutters	1	3
Pesticide Handlers, Sprayers, and Applicators, Vegetation	0	0
Tree Trimmers and Pruners	1	2
Veterinary Technologists and Technicians	0	4
Animal Caretakers	0	8
Refuse and Recyclable Material Collectors	1	0



Occupation	Avg Monthly Postings (May 2022 - Apr 2023)	Avg Monthly Hires (May 2022 - Apr 2023)
Meat, Poultry, and Fish Cutters and Trimmers	1	2
Compliance Officers	0	2
Farmworkers, Farm, Ranch, and Aquacultural Animals	0	9
Farmers, Ranchers, and Other Agricultural Managers	0	11
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	0	29
Hazardous Materials Removal Workers	0	0
Environmental Engineers	1	0
Agricultural Equipment Operators	0	5
Food Batchmakers	0	29
Geological Technicians, Except Hydrologic Technicians	0	0
Foresters	0	0
Food Science Technicians	0	3
Animal Trainers	0	0
Environmental Science and Protection Technicians, Including Health	0	0
Career/Technical Education Teachers, Secondary School	0	2
First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	0	2
Food Scientists and Technologists	0	0
Environmental Scientists and Specialists, Including Health	0	0
Geoscientists, Except Hydrologists and Geographers	0	0
Veterinary Assistants and Laboratory Animal Caretakers	0	6
Food Cooking Machine Operators and Tenders	0	3
Soil and Plant Scientists	0	0
Zoologists and Wildlife Biologists	0	0
Biological Technicians	0	0



Occupation	Avg Monthly Postings (May 2022 - Apr 2023)	Avg Monthly Hires (May 2022 - Apr 2023)
Graders and Sorters, Agricultural Products	0	1
Fishing and Hunting Workers	0	0
Water and Wastewater Treatment Plant and System Operators	0	2
Microbiologists	0	0
Economists	0	0
Forest and Conservation Technicians	0	0
Conveyor Operators and Tenders	0	3
Agricultural Engineers	0	0
Animal Scientists	0	0
Biological Scientists, All Other	0	0
Conservation Scientists	0	0
Agricultural Technicians	0	0
Farm and Home Management Educators	0	0
First-Line Supervisors of Farming, Fishing, and Forestry Workers	0	2

Top Companies	Unique Postings	Top Job Titles	Unique Postings
M & R Stores	37	Sales Associates/Cashiers	45
Aerotek	34	Retail Sales Associates	33
Greenheck Fan Corporation	34	Sales Associates	18
Aspirus	27	Machine Operators	15
ABR Employment Services	22	Outside Sales Representatives	14

# **Top Distinguishing Skills by Demand**

Not enough data to display Distinguishing Skills for this occupation.



## Top Defining Skills by Demand

Not enough data to display Defining Skills for this occupation.

## Top Necessary Skills by Demand

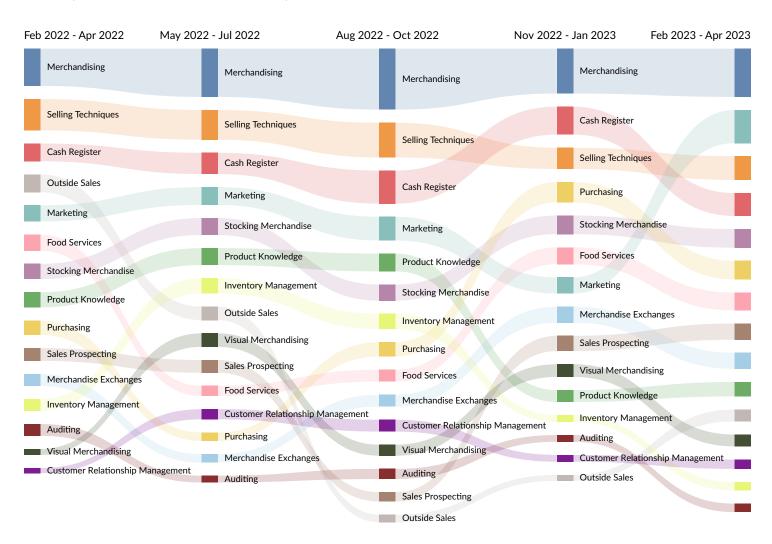
Not enough data to display Necessary Skills for this occupation.



# What skills are they posting for?

## Top 15 Skills for Your Selected Job Types by Quarter

Skills help us understand the direction an occupation is headed.





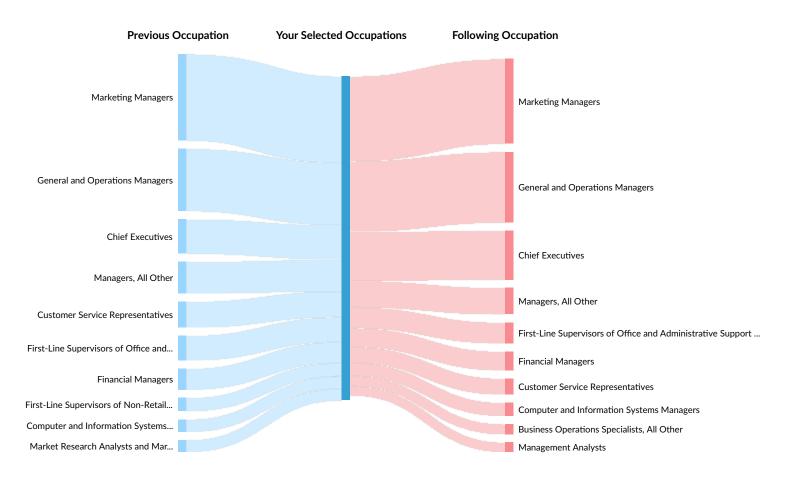
# Occupation Gain and Drain

## **Occupation Gain and Drain**

The table below analyzes the profiles of current and past people in your selected occupations. The left column shows job transitions from other occupations to your selected occupations. The right column shows job transitions from your selected occupations to other occupations.

Please note, results are only available at the national level and the 2 and 5 digit SOC level. Other SOC levels will be converted to 5-digit SOC. Also your selection has been limited to 100 occupations.

The following represents the job transitions of employees in your selected occupations in the United States:



Previous Occupations	Transitions
Marketing Managers	143,915
General and Operations Managers	103,699
Chief Executives	57,177



Previous Occupations	Transitions
Managers, All Other	52,803
Customer Service Representatives	43,015
First-Line Supervisors of Office and Administrative Support Workers	41,166
Financial Managers	34,964
First-Line Supervisors of Non-Retail Sales Workers	22,131
Computer and Information Systems Managers	20,685
Market Research Analysts and Marketing Specialists	19,709
Business Operations Specialists, All Other	18,530
Management Analysts	17,158
First-Line Supervisors of Retail Sales Workers	16,709
Medical and Health Services Managers	12,076
Public Relations Managers	11,917
Sales and Related Workers, All Other	11,800
Public Relations Specialists	10,514
Project Management Specialists	9,897
Training and Development Specialists	9,724
Sales Engineers	9,380
Human Resources Specialists	9,225
Computer Occupations, All Other	8,681
Architectural and Engineering Managers	8,285
Real Estate Sales Agents	8,167
Insurance Sales Agents	7,889
Human Resources Managers	7,492
Meeting, Convention, and Event Planners	6,751
Advertising and Promotions Managers	6,662



Previous Occupations	Transitions
Executive Secretaries and Executive Administrative Assistants	6,366
First-Line Supervisors of Production and Operating Workers	5,882
Social and Community Service Managers	5,468
Advertising Sales Agents	5,221
Property, Real Estate, and Community Association Managers	5,190
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	5,067
Food Service Managers	5,011
Computer Systems Analysts	4,642
Postsecondary Teachers	4,635
Social and Human Service Assistants	4,537
Purchasing Managers	4,535
Personal Financial Advisors	4,506
Registered Nurses	4,244
Software Developers	4,206
Coaches and Scouts	3,547
Industrial Production Managers	3,443
Producers and Directors	3,259
Demonstrators and Product Promoters	2,908
Network and Computer Systems Administrators	2,851
Accountants and Auditors	2,851
Financial and Investment Analysts	2,835
First-Line Supervisors of Mechanics, Installers, and Repairers	2,675
Industrial Engineers	2,346
First-Line Supervisors of Food Preparation and Serving Workers	2,056
Logisticians	1,927
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Previous Occupations	Transitions
First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	1,903
Educational, Guidance, and Career Counselors and Advisors	1,893
Web Developers	1,827
Waiters and Waitresses	1,824
Information Security Analysts	1,728
Exercise Trainers and Group Fitness Instructors	1,667
Mechanical Engineers	1,614
Graphic Designers	1,528
Bookkeeping, Accounting, and Auditing Clerks	1,378
Stockers and Order Fillers	1,343
Teachers and Instructors, All Other	1,162
Hotel, Motel, and Resort Desk Clerks	1,138
Operations Research Analysts	1,128
Medical Scientists, Except Epidemiologists	1,080
Teaching Assistants, Postsecondary	998
Cashiers	947
Tellers	934
Security Guards	925
Recreation Workers	915
Secondary School Teachers, Except Special and Career/Technical Education	881
Teaching Assistants, Except Postsecondary	858
Fast Food and Counter Workers	836
Life, Physical, and Social Science Technicians, All Other	831
Maintenance and Repair Workers, General	680
Loan Interviewers and Clerks	635
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Previous Occupations	Transitions
Office Clerks, General	476
Laborers and Freight, Stock, and Material Movers, Hand	465
Clinical Laboratory Technologists and Technicians	410
Following Occupations	Transitions
Marketing Managers	141,271
General and Operations Managers	117,273
Chief Executives	81,570
Managers, All Other	43,988
First-Line Supervisors of Office and Administrative Support Workers	34,843
Financial Managers	31,177
Customer Service Representatives	26,534
Computer and Information Systems Managers	21,930
Business Operations Specialists, All Other	16,684
Management Analysts	15,816
Market Research Analysts and Marketing Specialists	14,796
First-Line Supervisors of Non-Retail Sales Workers	14,565
First-Line Supervisors of Retail Sales Workers	13,282
Public Relations Managers	13,078
Medical and Health Services Managers	11,981
Real Estate Sales Agents	11,927
Human Resources Specialists	11,298
Public Relations Specialists	8,579
Project Management Specialists	8,455
Human Resources Managers	8,373
Architectural and Engineering Managers	8,010
Lightcast Q2 2023 Data Set   lightcast.io	2



Computer Occupations, All Other         7,72           Training and Development Specialists         7,484           Insurance Sales Agents         7,119           Executive Secretaries and Executive Administrative Assistants         6,315           Sales and Related Workers, All Other         6,270           Advertising and Promotions Managers         5,632           Personal Financial Advisors         5,614           Social and Community Service Managers         5,909           Sales Engineers         5,009           First-Line Supervisors of Production and Operating Workers         4,614           Property, Real Estate, and Community Association Managers         4,503           Social and Human Service Assistants         4,309           Postsecondary Teachers         4,309           Meeting, Convention, and Event Planners         4,318           Purchasing Managers         4,014           Software Developers         4,005           Computer Systems Analysts         3,749           Producers and Directors         3,544           Producers and Directors         3,549           Coaches and Scouts         2,951           Industrial Production Managers         2,873           Education Administrators, Postsecondary         2,853           <	Following Occupations	Transitions
Insurance Sales Agents         7,119           Executive Secretaries and Executive Administrative Assistants         6,315           Sales and Related Workers, All Other         6,270           Advertising and Promotions Managers         5,632           Personal Financial Advisors         5,614           Social and Community Service Managers         5,595           Sales Engineers         5,309           First-Line Supervisors of Production and Operating Workers         4,614           Property, Real Estate, and Community Association Managers         4,503           Social and Human Service Assistants         4,394           Postsecondary Teachers         4,387           Secretaries and Administrative Assistants, Except Legal, Meeting, Convention, and Event Planners         4,184           Purchasing Managers         4,005           Software Developers         4,005           Computer Systems Analysts         3,546           Producers and Directors         3,536           Coaches and Scouts         2,951           Industrial Production Managers         2,853           Education Administrators, Postsecondary         2,853           Network and Computer Systems Administrators         2,853	Computer Occupations, All Other	7,772
Executive Secretaries and Executive Administrative Assistants  Sales and Related Workers, All Other  Advertising and Promotions Managers  5.632  Personal Financial Advisors  5.614  Social and Community Service Managers  5.595  Sales Engineers  5.309  First-Line Supervisors of Production and Operating Workers  First-Line Supervisors of Production and Operating Workers  6.309  First-Line Supervisors of Production and Operating Workers  First-Line Supervisors of Production and Operating Workers  6.309  Fooial and Human Service Assistants  7.503  Social and Human Service Assistants  8.308  Secretaries and Administrative Assistants, Except Legal, Medical, and Executive  Meeting, Convention, and Event Planners  8.4184  Purchasing Managers  8.4197  Software Developers  8.4005  Computer Systems Analysts  8.3769  Registered Nurses  9.3544  Producers and Directors  3.356  Coaches and Scouts  1.2975  Industrial Production Managers  2.877  Education Administrators, Postsecondary  2.853  Network and Computer Systems Administrators  3.557	Training and Development Specialists	7,484
Sales and Related Workers, All Other 6,270 Advertising and Promotions Managers 5,632 Personal Financial Advisors 5,614 Social and Community Service Managers 5,595 Sales Engineers 5,309 First-Line Supervisors of Production and Operating Workers 4,614 Property, Real Estate, and Community Association Managers 4,503 Social and Human Service Assistants 4,394 Postsecondary Teachers 4,387 Secretaries and Administrative Assistants, Except Legal, Medical, and Executive 4,325 Meeting, Convention, and Event Planners 4,148 Purchasing Managers 4,147 Software Developers 4,005 Computer Systems Analysts 3,769 Registered Nurses 3,536 Coaches and Scouts 2,951 Industrial Production Managers 2,857 Education Administrators, Postsecondary 2,853 Retwork and Computer Systems Administrators 3,557	Insurance Sales Agents	7,119
Advertising and Promotions Managers Forsonal Financial Advisors Social and Community Service Managers Sosial and Community Service Managers Sales Engineers Sales Engineers Signers Signers Social and Community Association Managers Social and Human Service Assistants Social and Human Service Assistants Secretaries and Administrative Assistants, Except Legal, Medical, and Executive Meeting, Convention, and Event Planners Augustante Software Developers Computer Systems Analysts Social and Directors Social and Directors Social and Fixed Nurses Social and Human Service Assistants, Except Legal, Medical, and Executive Meeting, Convention, and Event Planners Augustante Software Developers Software Develop	Executive Secretaries and Executive Administrative Assistants	6,315
Personal Financial Advisors 5,614 Social and Community Service Managers 5,595 Sales Engineers 5,309 First-Line Supervisors of Production and Operating Workers 4,614 Property, Real Estate, and Community Association Managers 4,503 Social and Human Service Assistants 4,394 Postsecondary Teachers 4,387 Secretaries and Administrative Assistants, Except Legal, Meeting, Convention, and Event Planners 4,148 Purchasing Managers 4,147 Software Developers 4,005 Computer Systems Analysts 3,769 Registered Nurses 3,544 Producers and Directors 3,536 Coaches and Scouts 2,951 Industrial Production Managers 2,877 Education Administrators, Postsecondary 2,853 Network and Computer Systems Administrators 2,557	Sales and Related Workers, All Other	6,270
Social and Community Service Managers 5,595 Sales Engineers 5,309 First-Line Supervisors of Production and Operating Workers 4,614 Property, Real Estate, and Community Association Managers 4,503 Social and Human Service Assistants 4,394 Postsecondary Teachers 4,387 Secretaries and Administrative Assistants, Except Legal, Meeting, Convention, and Event Planners 4,184 Purchasing Managers 4,147 Software Developers 4,005 Computer Systems Analysts 3,764 Producers and Directors 3,536 Coaches and Scouts 2,951 Industrial Production Managers 2,877 Education Administrators, Postsecondary 2,853 Network and Computer Systems Administrators 2,557	Advertising and Promotions Managers	5,632
Sales Engineers 5,309 First-Line Supervisors of Production and Operating Workers 4,614 Property, Real Estate, and Community Association Managers 5,309 Social and Human Service Assistants 4,397 Postsecondary Teachers 4,387 Secretaries and Administrative Assistants, Except Legal, Medical, and Executive Meeting, Convention, and Event Planners 4,184 Purchasing Managers 4,105 Computer Systems Analysts 8,3769 Registered Nurses 3,364 Producers and Directors 3,363 Coaches and Scouts Industrial Production Managers Education Administrators, Postsecondary Education Administrators, Postsecondary 8,353 Retwork and Computer Systems Administrators 2,557	Personal Financial Advisors	5,614
First-Line Supervisors of Production and Operating Workers 4,614 Property, Real Estate, and Community Association Managers 5 ocial and Human Service Assistants 4,394 Postsecondary Teachers 5 ecretaries and Administrative Assistants, Except Legal, Medical, and Executive 4,325 Meeting, Convention, and Event Planners 4,184 Purchasing Managers 4,147 Software Developers 4,005 Computer Systems Analysts 3,769 Registered Nurses 3,344 Producers and Directors 3,354 Coaches and Scouts 1,005 Loaches and Scouts 1,005 Loaches and Scouts 1,005 Loaches and Scouts 2,951 Lodustrial Production Managers 2,877 Education Administrators, Postsecondary 2,853 Network and Computer Systems Administrators	Social and Community Service Managers	5,595
Property, Real Estate, and Community Association Managers  Social and Human Service Assistants  A,394  Postsecondary Teachers  Secretaries and Administrative Assistants, Except Legal, Medical, and Executive  Meeting, Convention, and Event Planners  A,184  Purchasing Managers  A,005  Computer Systems Analysts  Computer Systems Analysts  A,364  Producers and Directors  A,364  Producers and Directors  A,365  Coaches and Scouts  A,376  Education Administrators, Postsecondary  A,567  Education Administrators, Postsecondary  A,567  A,567  Education Administrators, Postsecondary  A,567  A,5	Sales Engineers	5,309
Social and Human Service Assistants 4,387  Postsecondary Teachers 4,387  Secretaries and Administrative Assistants, Except Legal, Medical, and Executive 4,184  Purchasing Managers 4,147  Software Developers 4,005  Computer Systems Analysts 3,769  Registered Nurses 3,544  Producers and Directors 3,536  Coaches and Scouts 2,951  Industrial Production Managers 2,877  Education Administrators, Postsecondary 2,557  Network and Computer Systems Administrators 2,557	First-Line Supervisors of Production and Operating Workers	4,614
Postsecondary Teachers 4,387 Secretaries and Administrative Assistants, Except Legal, Medical, and Executive 4,182  Meeting, Convention, and Event Planners 4,184  Purchasing Managers 4,147 Software Developers 4,005 Computer Systems Analysts 3,769 Registered Nurses 3,544  Producers and Directors 3,536 Coaches and Scouts 2,951 Industrial Production Managers 2,877 Education Administrators, Postsecondary 2,853 Network and Computer Systems Administrators 2,557	Property, Real Estate, and Community Association Managers	4,503
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive  Meeting, Convention, and Event Planners  4,184  Purchasing Managers  4,105  Software Developers  4,005  Computer Systems Analysts  7,69  Registered Nurses  7,544  Producers and Directors  7,536  Coaches and Scouts  7,951  Industrial Production Managers  8,877  Education Administrators, Postsecondary  7,857  Network and Computer Systems Administrators  8,325  A,325  A,325  A,325  A,325  A,325  A,325  A,325  A,326  A,325  A,326  A,327  A,327  A,328  A,328  A,329  A	Social and Human Service Assistants	4,394
Medical, and Executive  Meeting, Convention, and Event Planners  4,184  Purchasing Managers  4,147  Software Developers  4,005  Computer Systems Analysts  3,769  Registered Nurses  3,534  Producers and Directors  3,536  Coaches and Scouts  1,005  Lindustrial Production Managers  2,877  Education Administrators, Postsecondary  Network and Computer Systems Administrators  2,557	Postsecondary Teachers	4,387
Purchasing Managers 4,147  Software Developers 4,005  Computer Systems Analysts 3,769  Registered Nurses 3,544  Producers and Directors 3,536  Coaches and Scouts 2,951  Industrial Production Managers 2,877  Education Administrators, Postsecondary 2,853  Network and Computer Systems Administrators 2,557		4,325
Software Developers 4,005 Computer Systems Analysts 3,769 Registered Nurses 3,544 Producers and Directors 3,536 Coaches and Scouts 2,951 Industrial Production Managers 2,877 Education Administrators, Postsecondary 2,853 Network and Computer Systems Administrators 2,557	Meeting, Convention, and Event Planners	4,184
Computer Systems Analysts 3,769 Registered Nurses 3,544 Producers and Directors 3,536 Coaches and Scouts 2,951 Industrial Production Managers 2,877 Education Administrators, Postsecondary 2,853 Network and Computer Systems Administrators 2,557	Purchasing Managers	4,147
Registered Nurses 3,544 Producers and Directors 3,536 Coaches and Scouts 2,951 Industrial Production Managers 2,877 Education Administrators, Postsecondary 2,853 Network and Computer Systems Administrators 2,557	Software Developers	4,005
Producers and Directors 3,536  Coaches and Scouts 2,951  Industrial Production Managers 2,877  Education Administrators, Postsecondary 2,853  Network and Computer Systems Administrators 2,557	Computer Systems Analysts	3,769
Coaches and Scouts 2,951 Industrial Production Managers 2,877 Education Administrators, Postsecondary 2,853 Network and Computer Systems Administrators 2,557	Registered Nurses	3,544
Industrial Production Managers 2,877 Education Administrators, Postsecondary 2,853 Network and Computer Systems Administrators 2,557	Producers and Directors	3,536
Education Administrators, Postsecondary 2,853  Network and Computer Systems Administrators 2,557	Coaches and Scouts	2,951
Network and Computer Systems Administrators 2,557	Industrial Production Managers	2,877
	Education Administrators, Postsecondary	2,853
Accountants and Auditors 2,353	Network and Computer Systems Administrators	2,557
	Accountants and Auditors	2,353



Following Occupations	Transitions
Demonstrators and Product Promoters	2,157
Financial and Investment Analysts	2,079
First-Line Supervisors of Mechanics, Installers, and Repairers	1,985
Educational, Guidance, and Career Counselors and Advisors	1,804
Web Developers	1,787
Information Security Analysts	1,767
Industrial Engineers	1,681
Logisticians	1,578
Bookkeeping, Accounting, and Auditing Clerks	1,502
First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	1,351
Graphic Designers	1,304
First-Line Supervisors of Food Preparation and Serving Workers	1,197
Waiters and Waitresses	1,196
Stockers and Order Fillers	1,171
Operations Research Analysts	1,100
Mechanical Engineers	1,053
Teaching Assistants, Postsecondary	1,015
Teachers and Instructors, All Other	991
Teaching Assistants, Except Postsecondary	962
Medical Scientists, Except Epidemiologists	907
Engineers, All Other	875
Recreation Workers	845
Security Guards	826
Hotel, Motel, and Resort Desk Clerks	779
Life, Physical, and Social Science Technicians, All Other	771
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Following Occupations	Transitions
Loan Interviewers and Clerks	683
Fast Food and Counter Workers	681
Maintenance and Repair Workers, General	658
Cashiers	599
Receptionists and Information Clerks	583
Software Quality Assurance Analysts and Testers	524
Clinical Laboratory Technologists and Technicians	447
Medical Assistants	402
Laborers and Freight, Stock, and Material Movers, Hand	399



# **Graduate Pipeline**



#### **64 Programs**

597 programs can train for this job, while only 64 programs have produced completers in this region.



#### 744 Completions (2021)

The completions from all regional institutions for all degree types.



#### 1,471 Openings (2021)

The average number of openings for an occupation in the region is 13.

Top Programs Completions (2021)	
Welding Technology/Welder	170
Business Administration and Ma	57
Electromechanical/Electromech	47
Human Resources Management	38
Computer Support Specialist	36

Top Schools	Completions (2021)
Northcentral Technical College	744



# Appendix A (Occupations)

Code	Description
11-2022	Sales Managers
11-3071	Transportation, Storage, and Distribution Managers
11-9013	Farmers, Ranchers, and Other Agricultural Managers
11-9121	Natural Sciences Managers
13-1028	Buyers and Purchasing Agents
13-1041	Compliance Officers
13-1074	Farm Labor Contractors
13-2072	Loan Officers
15-1232	Computer User Support Specialists
15-1242	Database Administrators
17-1021	Cartographers and Photogrammetrists
17-2021	Agricultural Engineers

Code	Description
17-2031	Bioengineers and Biomedical Engineers
17-2081	Environmental Engineers
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers
17-3023	Electrical and Electronic Engineering Technologists and Technicians
17-3025	Environmental Engineering Technologists and Technicians
19-1011	Animal Scientists
19-1012	Food Scientists and Technologists
19-1013	Soil and Plant Scientists
19-1021	Biochemists and Biophysicists
19-1022	Microbiologists
19-1023	Zoologists and Wildlife Biologists
19-1029	Biological Scientists, All Other



Code	Description
19-1031	Conservation Scientists
19-1032	Foresters
19-2041	Environmental Scientists and Specialists, Including Health
19-2042	Geoscientists, Except Hydrologists and Geographers
19-2043	Hydrologists
19-3011	Economists
19-3092	Geographers
19-4012	Agricultural Technicians
19-4013	Food Science Technicians
19-4021	Biological Technicians
19-4042	Environmental Science and Protection Technicians, Including Health
19-4043	Geological Technicians, Except Hydrologic Technicians

Code	Description
19-4071	Forest and Conservation Technicians
25-2032	Career/Technical Education Teachers, Secondary School
25-9021	Farm and Home Management Educators
29-1031	Dietitians and Nutritionists
29-1131	Veterinarians
29-2051	Dietetic Technicians
29-2056	Veterinary Technologists and Technicians
31-9096	Veterinary Assistants and Laboratory Animal Caretakers
33-3031	Fish and Game Wardens
33-9011	Animal Control Workers
35-2021	Food Preparation Workers
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers

Code	Description
37-3011	Landscaping and Groundskeeping Workers
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation
37-3013	Tree Trimmers and Pruners
39-2011	Animal Trainers
39-2021	Animal Caretakers
41-2031	Retail Salespersons
41-3031	Securities, Commodities, and Financial Services Sales Agents
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products
43-2099	Communications Equipment Operators, All Other
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers

Code	Description
45-2011	Agricultural Inspectors
45-2021	Animal Breeders
45-2041	Graders and Sorters, Agricultural Products
45-2091	Agricultural Equipment Operators
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals
45-2099	Agricultural Workers, All Other
45-3031	Fishing and Hunting Workers
45-4011	Forest and Conservation Workers
45-4023	Log Graders and Scalers
47-4041	Hazardous Materials Removal Workers
49-3041	Farm Equipment Mechanics and Service Technicians



Code	Description
49-3042	Mobile Heavy Equipment Mechanics, Except Engines
51-3021	Butchers and Meat Cutters
51-3022	Meat, Poultry, and Fish Cutters and Trimmers
51-3023	Slaughterers and Meat Packers
51-3092	Food Batchmakers
51-3093	Food Cooking Machine Operators and Tenders
51-4041	Machinists

Code	Description
51-4121	Welders, Cutters, Solderers, and Brazers
51-8031	Water and Wastewater Treatment Plant and System Operators
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers
51-9199	Production Workers, All Other
53-5021	Captains, Mates, and Pilots of Water Vessels
53-7011	Conveyor Operators and Tenders
53-7081	Refuse and Recyclable Material Collectors