

















Career Clusters and Pathways

Career Cluster	Career Pathway	Career Cluster	Career Pathway	Career Cluster	Career Pathway
	<ul style="list-style-type: none"> • Agribusiness Systems • Animal Systems • Environmental Service Systems • Food Products & Processing Systems • Natural Resources Systems • Plant Systems • Power, Structural & Technical Systems 		<ul style="list-style-type: none"> • Foreign Service • Governance • National Security • Planning • Public Management & Administration • Regulation • Revenue & Taxation 		<ul style="list-style-type: none"> • Correction Services • Emergency & Fire Management Services • Law Enforcement Services • Legal Services • Security & Protective Services
	<ul style="list-style-type: none"> • Construction • Design/Pre-Construction • Maintenance/Operations 		<ul style="list-style-type: none"> • Biotechnology Research & Development • Diagnostic Services • Health Informatics • Support Services • Therapeutic Services 		<ul style="list-style-type: none"> • Health, Safety & Environmental Assurance • Logistics & Inventory Control • Maintenance, Installation & Repair • Manufacturing Production Process Development • Production • Quality Assurance
	<ul style="list-style-type: none"> • A/V Technology & Film • Journalism & Broadcasting • Performing Arts • Printing Technology • Telecommunications • Visual Arts 		<ul style="list-style-type: none"> • Lodging • Recreation, Amusements & Attractions • Restaurants & Food/Beverage Services • Travel & Tourism 		<ul style="list-style-type: none"> • Marketing Communications • Marketing Management • Marketing Research • Merchandising • Professional Sales
	<ul style="list-style-type: none"> • Administrative Support • Business Information Management • General Management • Human Resources Management • Operations Management 		<ul style="list-style-type: none"> • Consumer Services • Counseling & Mental Health Services • Early Childhood Development & Services • Family & Community Services • Personal Care Services 		<ul style="list-style-type: none"> • Engineering & Technology • Science & Mathematics
	<ul style="list-style-type: none"> • Administration & Administrative Support • Professional Support Services • Teaching/Training 		<ul style="list-style-type: none"> • Information Support & Services • Network Systems • Programming & Software Development • Web & Digital Communications 		<ul style="list-style-type: none"> • Facility & Mobile Equipment Maintenance • Health, Safety & Environmental Management • Logistics Planning & Management Services • Sales & Service • Transportation Operations • Transportation Systems/Infrastructure Planning, Management & Regulation • Warehousing & Distribution Center Operations
	<ul style="list-style-type: none"> • Accounting • Banking Services • Business Finance • Insurance • Securities & Investments 				

Source: U.S. Bureau of Labor Statistics



Agriculture, Food and Natural Resources

Bold Idea: North Central Region
Collin County

Job Zone 1

High School
Diploma or Less

Job Zone 2

High School
Diploma

Job Zone 3

Certificate or
Associate's Degree

Job Zone 4

Bachelor's
Degree

Job Zone 5

Master's or
Doctorate Degree

Farmworkers and Laborers, Crop, Nursery, and Greenhouse Annual Openings = 1837 Median Wage = \$33,848	Animal Caretakers Annual Openings = 701 Median Wage = \$29,513	★ Water and Wastewater Treatment Plant and System Operators Annual Openings = 75 Median Wage = \$47,028	★ Geological Technicians, Except Hydrologic Technicians Annual Openings = 31 Median Wage = \$49,834	★ Natural Sciences Managers Annual Openings = 54 Median Wage = \$128,003
Agricultural Equipment Operators Annual Openings = 14 Median Wage = \$36,791	Farmworkers, Farm, Ranch, and Aquacultural Animals Annual Openings = 661 Median Wage = \$35,450	★ First-Line Supervisors of Farming, Fishing, and Forestry Workers Annual Openings = 32 Median Wage = \$55,963	★ Food Scientists and Technologists Annual Openings = 25 Median Wage = \$104,037	Few occupations require the education level of this zone.
Graders and Sorters, Agricultural Products Annual Openings = 8 Median Wage = ***	Refuse and Recyclable Material Collectors Annual Openings = 156 Median Wage = \$42,691	★ Food Science Technicians Annual Openings = 24 Median Wage = \$64,774	★ Environmental Science and Protection Technicians, Including Health Annual Openings = 21 Median Wage = \$49,768	
Few occupations require the education level of this zone.	Tree Trimmers and Pruners Annual Openings = 60 Median Wage = \$35,705	Hazardous Materials Removal Workers Annual Openings = 37 Median Wage = \$44,395	★ Environmental Engineers Annual Openings = 11 Median Wage = \$127,316	
	Animal Breeders Annual Openings = 9 Median Wage = \$41,547	Farm Equipment Mechanics and Service Technicians Annual Openings = 36 Median Wage = \$45,758	Biological Technicians Annual Openings = 49 Median Wage = \$45,684	

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

★ Indicates high-value occupations defined as occupations with the highest annual openings that are stable or growing with median wages above \$45,970.

*** Indicates no median wage data or no annual openings data available for this occupation in this region.

Source: U.S. Bureau of Labor Statistics



Agriculture, Food and Natural Resources

Regional Career Opportunities – Listed by Highest Projected Demand

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
							See career programs below.

Level			Additional Electives	Regional Postsecondary Schools	
1			<input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
2			<input type="checkbox"/> _____	Community Colleges	Colleges and Universities
3			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
4			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA				
Bachelor's Degree				
Advanced Degree				

*** Few regional occupations in this career cluster require education at this degree level.



Architecture and Construction

Bold Idea: North Central Region
Collin County

Job Zone 1

High School
Diploma or Less

Job Zone 2

High School
Diploma

Job Zone 3

Certificate or
Associate's Degree

Job Zone 4

Bachelor's
Degree

Job Zone 5

Master's or
Doctorate Degree

★Cement Masons and Concrete Finishers

Annual Openings = 188
Median Wage = \$46,057

★Carpenters

Annual Openings = 363
Median Wage = \$48,111

★First-Line Supervisors of Construction Trades and Extraction Workers

Annual Openings = 691
Median Wage = \$66,997

★Construction Managers

Annual Openings = 508
Median Wage = \$99,524

★Architects, Except Landscape and Naval

Annual Openings = 43
Median Wage = \$96,151

Landscaping and Groundskeeping Workers

Annual Openings = 1523
Median Wage = \$36,717

★Operating Engineers and Other Construction Equipment Operators

Annual Openings = 354
Median Wage = \$49,270

★Electricians

Annual Openings = 535
Median Wage = \$54,431

★Cost Estimators

Annual Openings = 197
Median Wage = \$71,933

Few occupations require the education level of this zone.

Septic Tank Servicers and Sewer Pipe Cleaners

Annual Openings = 36
Median Wage = \$40,120

★Painters, Construction and Maintenance

Annual Openings = 130
Median Wage = \$46,936

★Heating, Air Conditioning, and Refrigeration Mechanics and Installers

Annual Openings = 375
Median Wage = \$49,791

★Civil Engineers

Annual Openings = 146
Median Wage = \$94,570

Conveyor Operators and Tenders

Annual Openings = 16
Median Wage = \$39,972

★Electrical Power-Line Installers and Repairers

Annual Openings = 91
Median Wage = \$74,565

★Plumbers, Pipefitters, and Steamfitters

Annual Openings = 373
Median Wage = \$56,717

★Interior Designers

Annual Openings = 39
Median Wage = \$69,944

Few occupations require the education level of this zone.

★Glaziers

Annual Openings = 82
Median Wage = \$46,698

★First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers

Annual Openings = 294
Median Wage = \$49,027

★Surveyors

Annual Openings = 39
Median Wage = \$59,978

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

★ Indicates high-value occupations defined as occupations with the highest annual openings that are stable or growing with median wages above \$45,970.

*** Indicates no median wage data or no annual openings data available for this occupation in this region.

Source: U.S. Bureau of Labor Statistics



Architecture and Construction

Regional Career Opportunities – Listed by Highest Projected Demand

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
							See career programs below.

Level			Additional Electives	Regional Postsecondary Schools	
1			<input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
2			<input type="checkbox"/> _____	Community Colleges	Colleges and Universities
3			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
4			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA				
Bachelor's Degree				
Advanced Degree				

*** Few regional occupations in this career cluster require education at this degree level.



Arts, Audio/Video Technology & Communications

Bold Idea: North Central Region
Collin County

Job Zone 1

High School
Diploma or Less

Job Zone 2

High School
Diploma

Job Zone 3

Certificate or
Associate's Degree

Job Zone 4

Bachelor's
Degree

Job Zone 5

Master's or
Doctorate Degree

Few occupations require the education level of this zone.	★ Telecommunications Line Installers and Repairers Annual Openings = 185 Median Wage = \$65,219	★ Telecommunications Equipment Installers and Repairers, Except Line Installers Annual Openings = 343 Median Wage = \$47,047	★ Graphic Designers Annual Openings = 180 Median Wage = \$55,025	Few occupations require the education level of this zone.
	Printing Press Operators Annual Openings = 108 Median Wage = \$39,057	★ Audio and Video Technicians Annual Openings = 46 Median Wage = \$49,197	★ Art Directors Annual Openings = 130 Median Wage = \$83,134	
	Floral Designers Annual Openings = 39 Median Wage = \$34,036	★ Camera Operators, Television, Video, and Film Annual Openings = 22 Median Wage = \$67,178	★ Special Effects Artists and Animators Annual Openings = 97 Median Wage = \$84,737	
	Print Binding and Finishing Workers Annual Openings = 29 Median Wage = \$37,329	★ Media and Communication Equipment Workers, All Other Annual Openings = 9 Median Wage = \$66,518	★ Technical Writers Annual Openings = 70 Median Wage = \$67,984	
	Few occupations require the education level of this zone.	Photographers Annual Openings = 110 Median Wage = \$33,400	★ Writers and Authors Annual Openings = 64 Median Wage = \$72,467	

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

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Source: U.S. Bureau of Labor Statistics



Arts, Audio/Video Technology & Communications

Regional Career Opportunities – Listed by Highest Projected Demand

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
							See career programs below.

Level			Additional Electives	Regional Postsecondary Schools	
1			<input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
2			<input type="checkbox"/> _____	Community Colleges	Colleges and Universities
3			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
4			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA				
Bachelor's Degree				
Advanced Degree				

*** Few regional occupations in this career cluster require education at this degree level.



Business, Management and Administration

Bold Idea: North Central Region
Collin County

Job Zone 1
High School
Diploma or Less

Job Zone 2
High School
Diploma

Job Zone 3
Certificate or
Associate's Degree

Job Zone 4
Bachelor's
Degree

Job Zone 5
Master's or
Doctorate Degree

Few occupations require the education level of this zone.	★ Postal Service Mail Carriers Annual Openings = 294 Median Wage = \$56,326	★ First-Line Supervisors of Office and Administrative Support Workers Annual Openings = 2140 Median Wage = \$62,478	★ General and Operations Managers Annual Openings = 5013 Median Wage = \$97,155	★ Operations Research Analysts Annual Openings = 161 Median Wage = \$90,241
	★ Postal Service Clerks Annual Openings = 58 Median Wage = \$59,010	★ Bookkeeping, Accounting, and Auditing Clerks Annual Openings = 1739 Median Wage = \$48,237	★ Project Management Specialists Annual Openings = 1008 Median Wage = \$94,701	Chief Executives Annual Openings = 42 Median Wage = ***
	Stockers and Order Fillers Annual Openings = 6266 Median Wage = \$35,091	★ Administrative Services Managers Annual Openings = 155 Median Wage = \$112,337	★ Human Resources Specialists Annual Openings = 977 Median Wage = \$62,421	Few occupations require the education level of this zone.
	Customer Service Representatives Annual Openings = 4565 Median Wage = \$39,232	★ Payroll and Timekeeping Clerks Annual Openings = 143 Median Wage = \$51,312	★ Business Operations Specialists, All Other Annual Openings = 898 Median Wage = \$82,006	
	Office Clerks, General Annual Openings = 2808 Median Wage = \$38,000	★ Human Resources Assistants, Except Payroll and Timekeeping Annual Openings = 75 Median Wage = \$46,791	★ Computer and Information Systems Managers Annual Openings = 831 Median Wage = \$166,271	

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

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Source: U.S. Bureau of Labor Statistics



Business, Management and Administration

Regional Career Opportunities – Listed by Highest Projected Demand

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
							See career programs below.

Level			Additional Electives	Regional Postsecondary Schools	
1			<input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
2			<input type="checkbox"/> _____	Community Colleges	Colleges and Universities
3			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
4			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA				
Bachelor's Degree				
Advanced Degree				

*** Few regional occupations in this career cluster require education at this degree level.



Education and Training

Bold Idea: North Central Region
Collin County

Job Zone 1

High School
Diploma or Less

Job Zone 2

High School
Diploma

Job Zone 3

Certificate or
Associate's Degree

Job Zone 4

Bachelor's
Degree

Job Zone 5

Master's or
Doctorate Degree

Few occupations require the education level of this zone.

Few occupations require the education level of this zone.

★ **Career/Technical Education Teachers, Postsecondary**
Annual Openings = 178
Median Wage = \$50,419

★ **Elementary School Teachers, Except Special Education**
Annual Openings = 1575
Median Wage = \$64,876

★ **Education Administrators, Kindergarten through Secondary**
Annual Openings = 344
Median Wage = \$95,574

Preschool Teachers, Except Special Education
Annual Openings = 750
Median Wage = \$35,254

★ **Secondary School Teachers, Except Special and Career/Technical Education**
Annual Openings = 1022
Median Wage = \$65,699

★ **Instructional Coordinators**
Annual Openings = 334
Median Wage = \$75,071

Self-Enrichment Teachers
Annual Openings = 677
Median Wage = \$33,609

★ **Middle School Teachers, Except Special and Career/Technical Education**
Annual Openings = 733
Median Wage = \$64,762

★ **Teaching Assistants, Postsecondary**
Annual Openings = 306
Median Wage = \$63,131

Tutors
Annual Openings = 601
Median Wage = \$29,928

★ **Kindergarten Teachers, Except Special Education**
Annual Openings = 240
Median Wage = \$63,687

★ **Educational, Guidance, and Career Counselors and Advisors**
Annual Openings = 287
Median Wage = \$71,048

Library Technicians
Annual Openings = 74
Median Wage = \$36,656

★ **Special Education Teachers, Kindergarten**
Annual Openings = 204
Median Wage = \$64,697

★ **Health Specialties Teachers, Postsecondary**
Annual Openings = 175
Median Wage = \$176,761

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

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*** Indicates no median wage data or no annual openings data available for this occupation in this region.

Source: U.S. Bureau of Labor Statistics



Education and Training

Regional Career Opportunities – Listed by Highest Projected Demand

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
							See career programs below.

Level			Additional Electives	Regional Postsecondary Schools	
1			<input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
2			<input type="checkbox"/> _____	Community Colleges	Colleges and Universities
3			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
4			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA				
Bachelor's Degree				
Advanced Degree				

*** Few regional occupations in this career cluster require education at this degree level.



Finance

Bold Idea: North Central Region
Collin County

Job Zone 1
High School
Diploma or Less

Job Zone 2
High School
Diploma

Job Zone 3
Certificate or
Associate's Degree

Job Zone 4
Bachelor's
Degree

Job Zone 5
Master's or
Doctorate Degree

Few occupations require the education level of this zone.

★ **Insurance Claims and Policy Processing Clerks**
Annual Openings = 308
Median Wage = \$51,997

★ **Loan Interviewers and Clerks**
Annual Openings = 485
Median Wage = \$49,150

★ **Accountants and Auditors**
Annual Openings = 1135
Median Wage = \$78,597

Few occupations require the education level of this zone.

★ **Financial Clerks, All Other**
Annual Openings = 157
Median Wage = \$50,053

★ **Brokerage Clerks**
Annual Openings = 96
Median Wage = \$60,885

★ **Insurance Sales Agents**
Annual Openings = 995
Median Wage = \$46,337

★ **Credit Authorizers, Checkers, and Clerks**
Annual Openings = 18
Median Wage = \$59,220

Few occupations require the education level of this zone.

★ **Financial Managers**
Annual Openings = 738
Median Wage = \$157,980

Bill and Account Collectors
Annual Openings = 433
Median Wage = \$43,641

★ **Securities, Commodities, and Financial Services Sales Agents**
Annual Openings = 570
Median Wage = \$78,829

Tellers
Annual Openings = 329
Median Wage = \$36,466

★ **Loan Officers**
Annual Openings = 461
Median Wage = \$75,045

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

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Source: U.S. Bureau of Labor Statistics



Finance

Regional Career Opportunities – Listed by Highest Projected Demand

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
							See career programs below.

Level			Additional Electives	Regional Postsecondary Schools	
1			<input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
2			<input type="checkbox"/> _____	Community Colleges	Colleges and Universities
3			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
4			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA				
Bachelor's Degree				
Advanced Degree				

*** Few regional occupations in this career cluster require education at this degree level.



Government & Public Administration

Bold Idea: North Central Region
Collin County

Job Zone 1
High School
Diploma or Less

Job Zone 2
High School
Diploma

Job Zone 3
Certificate or
Associate's Degree

Job Zone 4
Bachelor's
Degree

Job Zone 5
Master's or
Doctorate Degree

Few occupations require the education level of this zone.	★ Postmasters and Mail Superintendents Annual Openings = 8 Median Wage = \$91,853	★ Compliance Officers Annual Openings = 260 Median Wage = \$65,433	★ Occupational Health and Safety Specialists Annual Openings = 125 Median Wage = \$73,023	★ Urban and Regional Planners Annual Openings = 22 Median Wage = \$79,157
	Court, Municipal, and License Clerks Annual Openings = 160 Median Wage = \$43,803	★ Construction and Building Inspectors Annual Openings = 191 Median Wage = \$62,861	★ Financial Examiners Annual Openings = 75 Median Wage = \$75,202	Few occupations require the education level of this zone.
Few occupations require the education level of this zone.		★ Occupational Health and Safety Technicians Annual Openings = 31 Median Wage = \$50,356	★ Transportation Inspectors Annual Openings = 25 Median Wage = \$82,412	
		Eligibility Interviewers, Government Programs Annual Openings = 30 Median Wage = \$40,872	★ Legislators Annual Openings = 15 Median Wage = \$68,156	
		Few occupations require the education level of this zone.	★ Emergency Management Directors Annual Openings = 8 Median Wage = \$99,094	

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

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*** Indicates no median wage data or no annual openings data available for this occupation in this region.

Source: U.S. Bureau of Labor Statistics



Government & Public Administration

Regional Career Opportunities – Listed by Highest Projected Demand

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
							See career programs below.

Level			Additional Electives	Regional Postsecondary Schools	
1			<input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
2			<input type="checkbox"/> _____	Community Colleges	Colleges and Universities
3			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
4			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA				
Bachelor's Degree				
Advanced Degree				

*** Few regional occupations in this career cluster require education at this degree level.



Health Science

Bold Idea: North Central Region
Collin County

Job Zone 1

High School
Diploma or Less

Job Zone 2

High School
Diploma

Job Zone 3

Certificate or
Associate's Degree

Job Zone 4

Bachelor's
Degree

Job Zone 5

Master's or
Doctorate Degree

Few occupations require the education level of this zone.

Medical Secretaries and Administrative Assistants
Annual Openings = 864
Median Wage = \$40,548

★ **Dental Assistants**
Annual Openings = 730
Median Wage = \$46,407

★ **Registered Nurses**
Annual Openings = 1382
Median Wage = \$93,638

★ **Speech-Language Pathologists**
Annual Openings = 172
Median Wage = \$82,700

Veterinary Assistants and Laboratory Animal Caretakers
Annual Openings = 279
Median Wage = \$34,817

★ **Licensed Practical and Licensed Vocational Nurses**
Annual Openings = 416
Median Wage = \$58,801

★ **Medical and Health Services Managers**
Annual Openings = 495
Median Wage = \$108,090

★ **Pharmacists**
Annual Openings = 134
Median Wage = \$134,351

Physical Therapist Aides
Annual Openings = 71
Median Wage = \$28,808

★ **Dental Hygienists**
Annual Openings = 127
Median Wage = \$92,310

★ **Exercise Physiologists**
Annual Openings = 13
Median Wage = \$55,991

★ **Nurse Practitioners**
Annual Openings = 128
Median Wage = \$128,323

Pharmacy Aides
Annual Openings = 70
Median Wage = \$36,239

★ **Physical Therapist Assistants**
Annual Openings = 125
Median Wage = \$76,870

★ **Bioengineers and Biomedical Engineers**
Annual Openings = 8
Median Wage = \$80,795

★ **Physical Therapists**
Annual Openings = 86
Median Wage = \$106,057

Orderlies
Annual Openings = 15
Median Wage = \$35,010

★ **Radiologic Technologists and Technicians**
Annual Openings = 118
Median Wage = \$77,410

★ **Recreational Therapists**
Annual Openings = 8
Median Wage = \$56,885

★ **Dentists, General**
Annual Openings = 84
Median Wage = \$165,098

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

★ Indicates high-value occupations defined as occupations with the highest annual openings that are stable or growing with median wages above \$45,970.

*** Indicates no median wage data or no annual openings data available for this occupation in this region.

Source: U.S. Bureau of Labor Statistics



Health Science

Regional Career Opportunities – Listed by Highest Projected Demand

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
							See career programs below.

Level			Additional Electives	Regional Postsecondary Schools	
1			<input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
2			<input type="checkbox"/> _____	Community Colleges	Colleges and Universities
3			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
4			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA				
Bachelor's Degree				
Advanced Degree				

*** Few regional occupations in this career cluster require education at this degree level.



Hospitality and Tourism

Bold Idea: North Central Region
Collin County

Job Zone 1
High School
Diploma or Less

Job Zone 2
High School
Diploma

Job Zone 3
Certificate or
Associate's Degree

Job Zone 4
Bachelor's
Degree

Job Zone 5
Master's or
Doctorate Degree

Fast Food and Counter Workers
Annual Openings = 10511
Median Wage = \$27,155

★ **Food Service Managers**
Annual Openings = 199
Median Wage = \$62,608

Chefs and Head Cooks
Annual Openings = 262
Median Wage = \$44,569

★ **Lodging Managers**
Annual Openings = 32
Median Wage = \$57,817

Few occupations require the education level of this zone.

Food Preparation Workers
Annual Openings = 2636
Median Wage = \$30,002

Waiters and Waitresses
Annual Openings = 4661
Median Wage = \$26,876

Few occupations require the education level of this zone.

Recreation Workers
Annual Openings = 498
Median Wage = \$29,348

Maids and Housekeeping Cleaners
Annual Openings = 1059
Median Wage = \$29,025

**Janitors and Cleaners, Except
Maids and Housekeeping Cleaners**
Annual Openings = 2389
Median Wage = \$30,419

Few occupations require the education level of this zone.

**Amusement and Recreation
Attendants**
Annual Openings = 863
Median Wage = \$26,806

Cooks, Restaurant
Annual Openings = 2047
Median Wage = \$34,305

**Dining Room and Cafeteria
Attendants and Bartender Helpers**
Annual Openings = 837
Median Wage = \$26,960

**First-Line Supervisors of Food
Preparation and Serving Workers**
Annual Openings = 1931
Median Wage = \$36,664

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

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Source: U.S. Bureau of Labor Statistics



Hospitality and Tourism

Regional Career Opportunities – Listed by Highest Projected Demand

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
							See career programs below.

Level			Additional Electives	Regional Postsecondary Schools	
1			<input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
2			<input type="checkbox"/> _____	Community Colleges	Colleges and Universities
3			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
4			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA				
Bachelor's Degree				
Advanced Degree				

*** Few regional occupations in this career cluster require education at this degree level.



Human Services

Bold Idea: North Central Region
Collin County

Job Zone 1
High School
Diploma or Less

Job Zone 2
High School
Diploma

Job Zone 3
Certificate or
Associate's Degree

Job Zone 4
Bachelor's
Degree

Job Zone 5
Master's or
Doctorate Degree

Laundry and Dry-Cleaning Workers Annual Openings = 175 Median Wage = \$28,944	★ First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services Annual Openings = 150 Median Wage = \$48,236	★ Massage Therapists Annual Openings = 238 Median Wage = \$53,614	★ Child, Family, and School Social Workers Annual Openings = 139 Median Wage = \$53,500	★ Clergy Annual Openings = 391 Median Wage = \$57,099
Pressers, Textile, Garment, and Related Materials Annual Openings = 44 Median Wage = \$25,814	Childcare Workers Annual Openings = 1982 Median Wage = \$29,418	Exercise Trainers and Group Fitness Instructors Annual Openings = 951 Median Wage = \$36,620	★ Social and Community Service Managers Annual Openings = 64 Median Wage = \$75,735	★ Healthcare Social Workers Annual Openings = 81 Median Wage = \$66,479
Few occupations require the education level of this zone.	Few occupations require the education level of this zone.	Hairdressers, Hairstylists, and Cosmetologists Annual Openings = 947 Median Wage = \$29,660	★ Community and Social Service Specialists, All Other Annual Openings = 54 Median Wage = \$46,856	★ School Psychologists Annual Openings = 69 Median Wage = \$78,190
		First-Line Supervisors of Personal Service Workers Annual Openings = 270 Median Wage = \$43,241	★ Community Health Workers Annual Openings = 38 Median Wage = \$46,274	★ Counselors, All Other Annual Openings = 32 Median Wage = \$53,799
		Barbers Annual Openings = 133 Median Wage = \$36,680	★ Health Education Specialists Annual Openings = 37 Median Wage = \$48,623	★ Clinical and Counseling Psychologists Annual Openings = 26 Median Wage = \$75,137

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

★ Indicates high-value occupations defined as occupations with the highest annual openings that are stable or growing with median wages above \$45,970.

*** Indicates no median wage data or no annual openings data available for this occupation in this region.

Source: U.S. Bureau of Labor Statistics



Human Services

Regional Career Opportunities – Listed by Highest Projected Demand

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
							See career programs below.

Level			Additional Electives	Regional Postsecondary Schools	
1			<input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
2			<input type="checkbox"/> _____	Community Colleges	Colleges and Universities
3			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
4			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA				
Bachelor's Degree				
Advanced Degree				

*** Few regional occupations in this career cluster require education at this degree level.



Information Technology

Bold Idea: North Central Region
Collin County

Job Zone 1
High School
Diploma or Less

Job Zone 2
High School
Diploma

Job Zone 3
Certificate or
Associate's Degree

Job Zone 4
Bachelor's
Degree

Job Zone 5
Master's or
Doctorate Degree

Few occupations require the
education level of this zone.

Few occupations require the
education level of this zone.

★ **Computer User Support
Specialists**
Annual Openings = 839
Median Wage = \$57,430

★ **Software Developers**
Annual Openings = 2089
Median Wage = \$130,376

Few occupations require the
education level of this zone.

★ **Web Developers**
Annual Openings = 54
Median Wage = \$87,049

★ **Computer Systems Analysts**
Annual Openings = 637
Median Wage = \$122,734

Few occupations require the
education level of this zone.

★ **Computer Occupations, All
Other**
Annual Openings = 630
Median Wage = \$103,228

★ **Network and Computer
Systems Administrators**
Annual Openings = 367
Median Wage = \$92,330

★ **Software Quality Assurance
Analysts and Testers**
Annual Openings = 324
Median Wage = \$103,594

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

★ Indicates high-value occupations defined as occupations with the highest annual openings that are stable or growing with median wages above \$45,970.

*** Indicates no median wage data or no annual openings data available for this occupation in this region.

Source: U.S. Bureau of Labor Statistics



Information Technology

Regional Career Opportunities – Listed by Highest Projected Demand

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
							See career programs below.

Level			Additional Electives	Regional Postsecondary Schools	
1			<input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
2			<input type="checkbox"/> _____	Community Colleges	Colleges and Universities
3			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
4			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA				
Bachelor's Degree				
Advanced Degree				

*** Few regional occupations in this career cluster require education at this degree level.



Law, Public Safety, Corrections and Security

Bold Idea: North Central Region
Collin County

Job Zone 1 High School Diploma or Less	Job Zone 2 High School Diploma	Job Zone 3 Certificate or Associate's Degree	Job Zone 4 Bachelor's Degree	Job Zone 5 Master's or Doctorate Degree
Few occupations require the education level of this zone.	★ Correctional Officers and Jailers Annual Openings = 138 Median Wage = \$50,057	★ Police and Sheriff's Patrol Officers Annual Openings = 462 Median Wage = \$78,207	★ Probation Officers and Correctional Treatment Specialists Annual Openings = 47 Median Wage = \$49,111	★ Lawyers Annual Openings = 255 Median Wage = \$159,140
	★ Public Safety Telecommunicators Annual Openings = 109 Median Wage = \$48,564	★ Firefighters Annual Openings = 248 Median Wage = \$61,630	★ Forensic Science Technicians Annual Openings = 17 Median Wage = \$56,148	★ Judges, Magistrate Judges, and Magistrates Annual Openings = 7 Median Wage = \$133,584
	★ Title Examiners, Abstractors, and Searchers Annual Openings = 99 Median Wage = \$57,404	★ Paralegals and Legal Assistants Annual Openings = 193 Median Wage = \$62,764	Few occupations require the education level of this zone.	Few occupations require the education level of this zone.
	★ First-Line Supervisors of Security Workers Annual Openings = 28 Median Wage = \$56,470	★ First-Line Supervisors of Firefighting and Prevention Workers Annual Openings = 66 Median Wage = \$91,006		
	Security Guards Annual Openings = 753 Median Wage = \$34,743	★ Paramedics Annual Openings = 66 Median Wage = \$54,111		

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

★ Indicates high-value occupations defined as occupations with the highest annual openings that are stable or growing with median wages above \$45,970.

*** Indicates no median wage data or no annual openings data available for this occupation in this region.

Source: U.S. Bureau of Labor Statistics



Law, Public Safety, Corrections and Security

Regional Career Opportunities – Listed by Highest Projected Demand

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
							See career programs below.

Level			Additional Electives	Regional Postsecondary Schools	
1			<input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
2			<input type="checkbox"/> _____	Community Colleges	Colleges and Universities
3			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
4			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA				
Bachelor's Degree				
Advanced Degree				

*** Few regional occupations in this career cluster require education at this degree level.



Manufacturing

Bold Idea: North Central Region
Collin County

Job Zone 1

High School
Diploma or Less

Job Zone 2

High School
Diploma

Job Zone 3

Certificate or
Associate's Degree

Job Zone 4

Bachelor's
Degree

Job Zone 5

Master's or
Doctorate Degree

Sewing Machine Operators Annual Openings = 96 Median Wage = \$30,731	★ Welders, Cutters, Solderers, and Brazers Annual Openings = 437 Median Wage = \$47,395	★ First-Line Supervisors of Production and Operating Workers Annual Openings = 637 Median Wage = \$62,990	Few occupations require the education level of this zone.	Few occupations require the education level of this zone.
Meat, Poultry, and Fish Cutters and Trimmers Annual Openings = 28 Median Wage = \$28,574	★ Production, Planning, and Expediting Clerks Annual Openings = 343 Median Wage = \$49,616	★ First-Line Supervisors of Mechanics, Installers, and Repairers Annual Openings = 599 Median Wage = \$67,805		
Few occupations require the education level of this zone.	★ Coating, Painting, and Spraying Machine Setters, Operators, and Tenders Annual Openings = 148 Median Wage = \$46,899	★ Industrial Machinery Mechanics Annual Openings = 346 Median Wage = \$61,814		
	★ Mixing and Blending Machine Setters, Operators, and Tenders Annual Openings = 145 Median Wage = \$47,318	★ Machinists Annual Openings = 173 Median Wage = \$53,351		
	★ Weighers, Measurers, Checkers, and Samplers, Recordkeeping Annual Openings = 105 Median Wage = \$47,158	★ Maintenance Workers, Machinery Annual Openings = 122 Median Wage = \$49,141		

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

★ Indicates high-value occupations defined as occupations with the highest annual openings that are stable or growing with median wages above \$45,970.

*** Indicates no median wage data or no annual openings data available for this occupation in this region.

Source: U.S. Bureau of Labor Statistics



Manufacturing

Regional Career Opportunities – Listed by Highest Projected Demand

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
							See career programs below.

Level			Additional Electives	Regional Postsecondary Schools	
1			<input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
2			<input type="checkbox"/> _____	Community Colleges	Colleges and Universities
3			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
4			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA				
Bachelor's Degree				
Advanced Degree				

*** Few regional occupations in this career cluster require education at this degree level.



Marketing

Bold Idea: North Central Region
Collin County

Job Zone 1
High School
Diploma or Less

Job Zone 2
High School
Diploma

Job Zone 3
Certificate or
Associate's Degree

Job Zone 4
Bachelor's
Degree

Job Zone 5
Master's or
Doctorate Degree

Few occupations require the education level of this zone.	<p>★ Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel</p> <p>Annual Openings = 1286 Median Wage = \$63,402</p>	<p>Real Estate Sales Agents</p> <p>Annual Openings = 757 Median Wage = \$41,459</p>	<p>★ Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products</p> <p>Annual Openings = 962 Median Wage = \$63,789</p>	Few occupations require the education level of this zone.
	<p>Cashiers</p> <p>Annual Openings = 6184 Median Wage = \$28,225</p>	<p>Merchandise Displayers and Window Trimmers</p> <p>Annual Openings = 183 Median Wage = \$33,945</p>	<p>★ Market Research Analysts and Marketing Specialists</p> <p>Annual Openings = 861 Median Wage = \$71,019</p>	
	<p>Retail Salespersons</p> <p>Annual Openings = 6027 Median Wage = \$31,403</p>	Few occupations require the education level of this zone.	<p>★ Sales Managers</p> <p>Annual Openings = 853 Median Wage = \$127,559</p>	
	<p>First-Line Supervisors of Retail Sales Workers</p> <p>Annual Openings = 1551 Median Wage = \$44,768</p>		<p>★ Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products</p> <p>Annual Openings = 568 Median Wage = \$81,190</p>	
	<p>Counter and Rental Clerks</p> <p>Annual Openings = 494 Median Wage = \$34,654</p>		<p>★ Marketing Managers</p> <p>Annual Openings = 445 Median Wage = \$137,117</p>	

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

★ Indicates high-value occupations defined as occupations with the highest annual openings that are stable or growing with median wages above \$45,970.

*** Indicates no median wage data or no annual openings data available for this occupation in this region.

Source: U.S. Bureau of Labor Statistics



Marketing

Regional Career Opportunities – Listed by Highest Projected Demand

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
							See career programs below.

Level			Additional Electives	Regional Postsecondary Schools	
1			<input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
2			<input type="checkbox"/> _____	Community Colleges	Colleges and Universities
3			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
4			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA				
Bachelor's Degree				
Advanced Degree				

*** Few regional occupations in this career cluster require education at this degree level.



Science, Technology, Engineering and Mathematics

Bold Idea: North Central Region
Collin County

Job Zone 1
High School
Diploma or Less

Job Zone 2
High School
Diploma

Job Zone 3
Certificate or
Associate's Degree

Job Zone 4
Bachelor's
Degree

Job Zone 5
Master's or
Doctorate Degree

Few occupations require the education level of this zone.

Few occupations require the education level of this zone.

Few occupations require the education level of this zone.

★ **Industrial Engineers**
Annual Openings = 195
Median Wage = \$103,494

★ **Architectural and Engineering Managers**
Annual Openings = 112
Median Wage = \$168,544

★ **Data Scientists**
Annual Openings = 152
Median Wage = \$108,359

★ **Geoscientists, Except Hydrologists and Geographers**
Annual Openings = 24
Median Wage = \$120,842

★ **Life, Physical, and Social Science Technicians, All Other**
Annual Openings = 148
Median Wage = \$47,736

★ **Computer and Information Research Scientists**
Annual Openings = 22
Median Wage = \$137,668

★ **Electrical Engineers**
Annual Openings = 135
Median Wage = \$94,302

★ **Biological Scientists, All Other**
Annual Openings = 13
Median Wage = \$64,002

★ **Electronics Engineers, Except Computer**
Annual Openings = 109
Median Wage = \$108,379

★ **Physical Scientists, All Other**
Annual Openings = 5
Median Wage = \$124,634

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

★ Indicates high-value occupations defined as occupations with the highest annual openings that are stable or growing with median wages above \$45,970.

*** Indicates no median wage data or no annual openings data available for this occupation in this region.

Source: U.S. Bureau of Labor Statistics



Science, Technology, Engineering and Mathematics

Regional Career Opportunities – Listed by Highest Projected Demand

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
							See career programs below.

Level			Additional Electives	Regional Postsecondary Schools	
1			<input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
2			<input type="checkbox"/> _____	Community Colleges	Colleges and Universities
3			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
4			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA				
Bachelor's Degree				
Advanced Degree				

*** Few regional occupations in this career cluster require education at this degree level.



Transportation, Distribution, and Logistics

Bold Idea: North Central Region
Collin County

Job Zone 1

High School
Diploma or Less

Job Zone 2

High School
Diploma

Job Zone 3

Certificate or
Associate's Degree

Job Zone 4

Bachelor's
Degree

Job Zone 5

Master's or
Doctorate Degree

Few occupations require the education level of this zone.	★ Heavy and Tractor-Trailer Truck Drivers Annual Openings = 2429 Median Wage = \$52,087	★ Automotive Service Technicians and Mechanics Annual Openings = 777 Median Wage = \$47,918	★ Transportation, Storage, and Distribution Managers Annual Openings = 238 Median Wage = \$99,648	Few occupations require the education level of this zone.
	★ Industrial Truck and Tractor Operators Annual Openings = 1363 Median Wage = \$46,528	★ Bus and Truck Mechanics and Diesel Engine Specialists Annual Openings = 213 Median Wage = \$60,147	★ Logisticians Annual Openings = 227 Median Wage = \$76,652	
	★ Automotive Body and Related Repairers Annual Openings = 162 Median Wage = \$50,147	★ Commercial Pilots Annual Openings = 125 Median Wage = \$146,380	Airline Pilots, Copilots, and Flight Engineers Annual Openings = 12 Median Wage = ***	
	★ Cargo and Freight Agents Annual Openings = 94 Median Wage = \$46,757	★ Mobile Heavy Equipment Mechanics, Except Engines Annual Openings = 124 Median Wage = \$60,623	Few occupations require the education level of this zone.	
	★ Bus Drivers, Transit and Intercity Annual Openings = 34 Median Wage = \$51,143	★ Aircraft Mechanics and Service Technicians Annual Openings = 92 Median Wage = \$83,654		

Regional Career Opportunities – Listed by High-Value then Highest Projected Demand

★ Indicates high-value occupations defined as occupations with the highest annual openings that are stable or growing with median wages above \$45,970.

*** Indicates no median wage data or no annual openings data available for this occupation in this region.

Source: U.S. Bureau of Labor Statistics



Transportation, Distribution, and Logistics

Regional Career Opportunities – Listed by Highest Projected Demand

English Language Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
							See career programs below.

Level			Additional Electives	Regional Postsecondary Schools	
1			<input type="checkbox"/> _____	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
2			<input type="checkbox"/> _____	Community Colleges	Colleges and Universities
3			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
4			<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____

Postsecondary Programs / Majors for Occupations in this Career Cluster

Certificate or AA				
Bachelor's Degree				
Advanced Degree				

*** Few regional occupations in this career cluster require education at this degree level.