# **Career Clusters and Pathways**

Career Cluster Career Pathway Career Pathway Career Pathway Career Cluster Career Cluster • Agribusiness Systems • Foreign Service Animal Systems Governance • Correction Services • Environmental Service Systems • Emergency & Fire Management Services National Security • Food Products & Processing Systems • Law Enforcement Services Planning • Natural Resources Systems • Public Management & Administration Legal Services • Regulation • Plant Systems • Security & Protective Services Agriculture, Food & Government & Public Law, Public Safety, • Power, Structural & Technical Systems • Revenue & Taxation Natural Resources Administration Corrections & Security • Health, Safety & Environmental Assurance • Biotechnology Research & Development Logistics & Inventory Control • Diagnostic Services Construction Maintenance, Installation & Repair • Design/Pre-Construction Health Informatics Manufacturing Production Process Development • Maintenance/Operations · Support Services • Production Architecture & • Therapeutic Services Construction Health Science Manufacturing Quality Assurance • A/V Technology & Film • Marketing Communications Journalism & Broadcasting Lodging • Marketing Management Performing Arts • Recreation, Amusements & Attractions • Marketing Research • Printing Technology • Restaurants & Food/Beverage Services Merchandising • Tele communications Arts, A/V Technology & Travel & Tourism • Professional Sales Communications Visual Arts Hospitality & Tourism Marke ting Administrative Support Consumer Services • Business Information Management • Counseling & Mental Health Services • Engineering & Technology • General Management • Early Childhood Development & Services • Science & Mathematics • Human Resources Management • Family & Community Services Personal Care Services • Operations Management Business, Management Science, Technology, & Administration **Human Services** Engineering & Mathematics • Facility & Mobile Equipment Maintenance • Health, Safety & Environmental Management • Information Support & Services • Logistics Planning & Management Services • Administration & Administrative Support Network Systems Sales & Service



Education & Training

- Professional Support Services
- Teaching/Training



- Information Technology
- Programming & Software Development
- Web & Digital Communications



Transportation, Distribution & Logistics

- Transportation Operations
- Transportation Systems/Infrastructure Planning, Management & Regulation
- Warehousing & Distribution Center Operations

- Accounting
- Banking Services
- Business Finance
- Insurance
- · Securities & Investments



Finance



### **Agriculture, Food and Natural Resources**

Bold Idea: Dallas Region
Dallas 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 = 198 Median Wage = \$33,136

★Pesticide Handlers, Sprayers, and Applicators, Vegetation

> Annual Openings = 10 Median Wage = \$46,090

★First-Line Supervisors of Farming, Fishing, and Forestry Workers

> Annual Openings = 18 Median Wage = \$63,023

★Geological Technicians, Except Hydrologic Technicians

Annual Openings = 44 Median Wage = \$49,834 ★ Natural Sciences Managers

Annual Openings = 70 Median Wage = \$110,885

**Agricultural Equipment Operators** 

Annual Openings = 8 Median Wage = \*\*\* **Animal Caretakers** 

Annual Openings = 672 Median Wage = \$29,457 Hazardous Materials Removal Workers

Annual Openings = 68 Median Wage = \$44,344 ★Environmental Science and Protection Technicians, Including Health

> Annual Openings = 33 Median Wage = \$50,124

Few occupations require the education level of this zone.

Few occupations require the education level of this zone.

Refuse and Recyclable Material Collectors

Annual Openings = 332 Median Wage = \$44,176 Food Science Technicians

Annual Openings = 49 Median Wage = \$45,624 ★Environmental Engineers

Annual Openings = 24 Median Wage = \$121,636

Pest Control Workers

Annual Openings = 163 Median Wage = \$37,531 Water and Wastewater Treatment Plant and System Operators

Annual Openings = 48 Median Wage = \$49,452 ★Food Scientists and Technologists

Annual Openings = 18 Median Wage = \$83,297

Tree Trimmers and Pruners

Annual Openings = 61 Median Wage = \*\*\* Farm Equipment Mechanics and Service Technicians

Annual Openings = 13 Median Wage = \*\*\* ★Environmental Engineering Technologists and Technicians

Annual Openings = 6 Median Wage = \$60,886



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

<sup>\*\*\*</sup> 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

Eng Langua	glish age Arts	Math	Science	Social Studies	Foreign Language	Physical Education	Fine Arts	Elective Focus
								See career programs below.

Level		Additional Electives	Regional Postsecondary Schools	
1		<b></b>	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
		o	Community Colleges	Colleges and Universities
2		<b>.</b>	<u> </u>	<b>-</b>
3		<b></b>	<u> </u>	<b>-</b>
J		o	<b>-</b>	<b>-</b>
4			<b>-</b>	<b></b>

Certificate or AA		
Bachelor's Degree		
Advanced Degree		



<sup>\*\*\*</sup> Few regional occupations in this career cluster require education at this degree level.



### **Architecture and Construction**

Bold Idea: Dallas Region
Dallas 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 = 219 Median Wage = \$46,276

★Carpenters

Annual Openings = 642 Median Wage = \$47,980 **★**Electricians

Annual Openings = 1035 Median Wage = \$55,368 ★Construction Managers

Annual Openings = 725 Median Wage = \$101,066 ★Architects, Except Landscape and Naval

Annual Openings = 220 Median Wage = \$80,500

Landscaping and Groundskeeping Workers

> Annual Openings = 1777 Median Wage = \$36,854

★Operating Engineers and Other Construction Equipment Operators

> Annual Openings = 320 Median Wage = \$47,385

★First-Line Supervisors of Construction Trades and Extraction Workers

> Annual Openings = 970 Median Wage = \$70,987

★Civil Engineers

Annual Openings = 284 Median Wage = \$88,746 Few occupations require the education level of this zone.

Roustabouts, Oil and Gas

Annual Openings = 59 Median Wage = \$47,882 ★Painters, Construction and Maintenance

Annual Openings = 319 Median Wage = \$46,302 ★ Heating, Air Conditioning, and Refrigeration Mechanics and Installers

> Annual Openings = 541 Median Wage = \$59,662

**★**Cost Estimators

Annual Openings = 243 Median Wage = \$74,993

Derrick Operators, Oil and Gas

Annual Openings = 33 Median Wage = \*\*\* ★Roofers

Annual Openings = 155 Median Wage = \$47,778 ★Plumbers, Pipefitters, and Steamfitters

Annual Openings = 507 Median Wage = \$60,800 ★Interior Designers

Annual Openings = 187 Median Wage = \$74,143

Plasterers and Stucco Masons

Annual Openings = 32 Median Wage = \*\*\* ★Sheet Metal Workers

Annual Openings = 146 Median Wage = \$51,657 ★Architectural and Civil Drafters

Annual Openings = 304 Median Wage = \$60,670 **★**Survevors

Annual Openings = 40 Median Wage = \$67,140



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

<sup>\*\*\*</sup> 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 Postse	condary Schools
1		o	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
		<b></b>	Community Colleges	Colleges and Universities
2		o	<b>-</b>	
3		o	<u> </u>	<u> </u>
		o	<u> </u>	<b>-</b>
4		<b>-</b>		

Certificate or AA		
Bachelor's Degree		
Advanced Degree		



<sup>\*\*\*</sup> Few regional occupations in this career cluster require education at this degree level.



## **Arts, Audio/Video Technology & Communications**

Bold Idea: Dallas Region Dallas 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 = 236 Median Wage = \$72,868	★Telecommunications Equipment Installers and Repairers, Except Line Installers Annual Openings = 429 Median Wage = \$51,790	★Graphic Designers Annual Openings = 326 Median Wage = \$58,736	★Set and Exhibit Designers Annual Openings = 10 Median Wage = \$51,707
	Printing Press Operators Annual Openings = 215 Median Wage = \$39,055	★Audio and Video Technicians Annual Openings = 74 Median Wage = \$49,205	<b>★Art Directors</b> Annual Openings = 244 Median Wage = \$78,208	Few occupations require the education level of this zone.
	Print Binding and Finishing Workers Annual Openings = 133 Median Wage = \$36,921	★Camera Operators, Television, Video, and Film Annual Openings = 27 Median Wage = \$64,960	★Writers and Authors Annual Openings = 178 Median Wage = \$79,407	
	Floral Designers Annual Openings = 45 Median Wage = \$34,133	★ Fashion Designers Annual Openings = 26 Median Wage = \$78,239	★Special Effects Artists and Animators Annual Openings = 157 Median Wage = \$80,250	
	Disc Jockeys, Except Radio Annual Openings = 45 Median Wage = ***	★Sound Engineering Technicians Annual Openings = 20 Median Wage = \$46,339	★ Producers and Directors Annual Openings = 148 Median Wage = \$69,719	



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<sup>\*\*\*</sup> Indicates no median wage data or no annual openings data available for this occupation in this region. 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 Postse	condary Schools
1		o	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
		o	Community Colleges	Colleges and Universities
2		o	<u> </u>	<u> </u>
3		o	<u> </u>	<u> </u>
		<b></b>	<b>-</b>	<b></b>
4		<b>-</b>	<b></b>	<b>-</b>

Certificate or AA		
Bachelor's Degree		
Advanced Degree		



<sup>\*\*\*</sup> Few regional occupations in this career cluster require education at this degree level.



## **Business, Management and Administration**

Bold Idea: Dallas Region Dallas 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.	★ Procurement Clerks Annual Openings = 68 Median Wage = \$46,156	★ First-Line Supervisors of Office and Administrative Support Workers Annual Openings = 3083 Median Wage = \$64,854	★General and Operations Managers Annual Openings = 6076 Median Wage = \$106,042	★Operations Research Analysts Annual Openings = 454 Median Wage = \$97,759
	Customer Service Representatives Annual Openings = 8075 Median Wage = \$40,542	★Bookkeeping, Accounting, and Auditing Clerks Annual Openings = 2702 Median Wage = \$49,210	★ Human Resources Specialists Annual Openings = 1722 Median Wage = \$63,302	Chief Executives Annual Openings = 81 Median Wage = ***
	Stockers and Order Fillers Annual Openings = 7446 Median Wage = \$37,173	★Administrative Services  Managers  Annual Openings = 273  Median Wage = \$122,710	★Managers, All Other Annual Openings = 1656 Median Wage = \$140,651	Few occupations require the education level of this zone.
	Office Clerks, General Annual Openings = 3509 Median Wage = \$39,068	★Human Resources Assistants, Except Payroll and Timekeeping Annual Openings = 170 Median Wage = \$51,160	★ Project Management Specialists Annual Openings = 1621 Median Wage = \$97,779	
	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive Annual Openings = 2225 Median Wage = \$44,994	★Facilities Managers Annual Openings = 142 Median Wage = \$101,728	★Business Operations Specialists, All Other Annual Openings = 1507 Median Wage = \$81,193	



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<sup>\*\*\*</sup> Indicates no median wage data or no annual openings data available for this occupation in this region. 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		o	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
		o	Community Colleges	Colleges and Universities
2		<b></b>	<b>-</b>	<u> </u>
7		o	<b>-</b>	
3		o	<b>-</b>	<b>-</b>
4			<b></b>	

Certificate or AA		
Bachelor's Degree		
Advanced Degree		



<sup>\*\*\*</sup> Few regional occupations in this career cluster require education at this degree level.



## **Education and Training**

Bold Idea: Dallas Region Dallas 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 = 234 Median Wage = \$69,206	★Elementary School Teachers, Except Special Education Annual Openings = 962 Median Wage = \$66,334	★Instructional Coordinators Annual Openings = 447 Median Wage = \$79,440
		<b>Tutors</b> Annual Openings = 643 Median Wage = \$36,531	★Secondary School Teachers, Except Special and Career/Technical Education Annual Openings = 680 Median Wage = \$65,906	★Health Specialties Teachers, Postsecondary Annual Openings = 354 Median Wage = \$160,067
		Self-Enrichment Teachers Annual Openings = 629 Median Wage = \$36,840	★ Middle School Teachers, Except Special and Career/Technical Education Annual Openings = 463 Median Wage = \$65,678	★Educational, Guidance, and Career Counselors and Advisors Annual Openings = 302 Median Wage = \$65,430
		Preschool Teachers, Except Special Education Annual Openings = 525 Median Wage = \$35,239  ★Teachers and Instructors, All Other Annual Openings = 224 Median Wage = \$67,277		★Education Administrators, Kindergarten through Secondary Annual Openings = 250 Median Wage = \$97,923
		<b>Library Technicians</b> Annual Openings = 53 Median Wage = \$38,488	★Educational Instruction and Library Workers, All Other Annual Openings = 194 Median Wage = \$55,068	★Teaching Assistants, Postsecondary Annual Openings = 190 Median Wage = \$72,451



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## **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		o	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
		o	Community Colleges	Colleges and Universities
2		<b></b>	<b>-</b>	
			<b>-</b>	<b>-</b>
3			<b>-</b>	<b></b>
4		<u> </u>	<b>-</b>	<b></b>

Certificate or AA		
Bachelor's Degree		
Advanced Degree		



<sup>\*\*\*</sup> Few regional occupations in this career cluster require education at this degree level.



### **Finance**

Bold Idea: Dallas Region
Dallas 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 = 469 Median Wage = \$52,144	<b>★Tax Preparers</b> Annual Openings = 424 Median Wage = \$58,226	★Accountants and Auditors Annual Openings = 2388 Median Wage = \$80,135	Few occupations require the education level of this zone.
	★ Financial Clerks, All Other Annual Openings = 101 Median Wage = \$50,099	<b>★Loan Interviewers and Clerks</b> Annual Openings = 411 Median Wage = \$48,056	<b>★Insurance Sales Agents</b> Annual Openings = 1301 Median Wage = \$47,846	
	Bill and Account Collectors Annual Openings = 508 Median Wage = \$43,640	★Brokerage Clerks Annual Openings = 81 Median Wage = \$60,617	★Financial Managers Annual Openings = 1257 Median Wage = \$164,112	
	<b>Tellers</b> Annual Openings = 254 Median Wage = \$36,504	★Insurance Appraisers, Auto Damage Annual Openings = 37 Median Wage = \$70,049	★Securities, Commodities, and Financial Services Sales Agents Annual Openings = 631 Median Wage = \$78,766	
	Credit Authorizers, Checkers, and Clerks Annual Openings = 34 Median Wage = \$57,991	Few occupations require the education level of this zone.	★Financial and Investment Analysts Annual Openings = 535 Median Wage = \$92,789	



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## **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		o	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
		o	Community Colleges	Colleges and Universities
2		<b></b>	<b>-</b>	
			<b>-</b>	<b>-</b>
3			<b>-</b>	<b></b>
4		<u> </u>	<b>-</b>	<b></b>

Certificate or AA		
Bachelor's Degree		
Advanced Degree		



<sup>\*\*\*</sup> Few regional occupations in this career cluster require education at this degree level.



### **Government & Public Administration**

Bold Idea: Dallas Region Dallas 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.	Court, Municipal, and License Clerks Annual Openings = 136 Median Wage = \$43,035	★Compliance Officers Annual Openings = 525 Median Wage = \$73,637	★Occupational Health and Safety Specialists Annual Openings = 259 Median Wage = \$75,455	★Urban and Regional Planners Annual Openings = 19 Median Wage = \$78,857
	Transportation Security Screeners Annual Openings = 38 Median Wage = ***	★Construction and Building Inspectors Annual Openings = 205 Median Wage = \$62,336	★Financial Examiners Annual Openings = 136 Median Wage = \$75,962	Few occupations require the education level of this zone.
	Postmasters and Mail Superintendents Annual Openings = *** Median Wage = \$104,614	★Occupational Health and Safety Technicians Annual Openings = 64 Median Wage = \$50,839	★Transportation Inspectors Annual Openings = 88 Median Wage = \$123,335	
	Few occupations require the education level of this zone.	★Tax Examiners and Collectors, and Revenue Agents Annual Openings = 26 Median Wage = \$89,835	★Legislators Annual Openings = 8 Median Wage = \$100,595	
		Eligibility Interviewers, Government Programs Annual Openings = 124 Median Wage = \$45,573	★Emergency Management Directors Annual Openings = 7 Median Wage = \$96,545	



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<sup>\*\*\*</sup> 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	Additional Electives Regional Postsecondary Scho	
1		o	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
		o	Community Colleges	Colleges and Universities
2		<b></b>	<b>-</b>	<u> </u>
7		o	<b>-</b>	
3		o	<b>-</b>	<b>-</b>
4			<b></b>	

Certificate or AA		
Bachelor's Degree		
Advanced Degree		



<sup>\*\*\*</sup> Few regional occupations in this career cluster require education at this degree level.



### **Health Science**

Bold Idea: Dallas Region Dallas 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

occupations require the ation level of this zone.	★ Medical Equipment Preparers Annual Openings = 75 Median Wage = \$47,471	<b>★Dental Assistants</b> Annual Openings = 729 Median Wage = \$46,938	★Registered Nurses Annual Openings = 2346 Median Wage = \$94,097	★Nurse Practitioners Annual Openings = 267 Median Wage = \$127,480
	Medical Secretaries and Administrative Assistants Annual Openings = 1012 Median Wage = \$42,118	★ Licensed Practical and Licensed Vocational Nurses Annual Openings = 655 Median Wage = \$59,893	★ Medical and Health Services Managers Annual Openings = 909 Median Wage = \$122,240	★Pharmacists Annual Openings = 180 Median Wage = \$136,654
	Veterinary Assistants and Laboratory Animal Caretakers Annual Openings = 187 Median Wage = \$35,082	★ Medical Records Specialists Annual Openings = 320 Median Wage = \$48,110	★Bioengineers and Biomedical Engineers Annual Openings = 16 Median Wage = \$75,247	★Speech-Language Pathologists Annual Openings = 179 Median Wage = \$98,191
	Pharmacy Aides Annual Openings = 62 Median Wage = \$36,135	★Healthcare Support Workers, All Other Annual Openings = 267 Median Wage = \$49,642	★Exercise Physiologists Annual Openings = 11 Median Wage = \$66,366	★Physician Assistants Annual Openings = 146 Median Wage = \$129,395
	Physical Therapist Aides Annual Openings = 54 Median Wage = \$28,795	★Health Technologists and Technicians, All Other Annual Openings = 180 Median Wage = \$48,019	★Recreational Therapists Annual Openings = 8 Median Wage = \$54,899	★Physical Therapists Annual Openings = 124 Median Wage = \$107,445



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<sup>\*\*\*</sup> 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	Additional Electives Regional Postsecondary Scho	
1		o	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
		o	Community Colleges	Colleges and Universities
2		<b></b>	<b>-</b>	<u> </u>
7		o	<b>-</b>	
3		o	<b>-</b>	<b>-</b>
4			<b></b>	

Certificate or AA		
Bachelor's Degree		
Advanced Degree		



<sup>\*\*\*</sup> Few regional occupations in this career cluster require education at this degree level.



### **Hospitality and Tourism**

Bold Idea: Dallas Region
Dallas 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 = 9731 Median Wage = \$27,282 ★Reservation and Transportation Ticket Agents and Travel Clerks

> Annual Openings = 604 Median Wage = \$46,517

★Chefs and Head Cooks

Annual Openings = 308 Median Wage = \$51,578 ★Lodging Managers

Annual Openings = 43 Median Wage = \$65,416 Few occupations require the education level of this zone.

Food Preparation Workers

Annual Openings = 2527 Median Wage = \$30,002 ★Food Service Managers

Annual Openings = 335 Median Wage = \$65,831 **★**Travel Agents

Annual Openings = 121 Median Wage = \$50,211 Recreation Workers

Annual Openings = 422 Median Wage = \$30,177

Maids and Housekeeping Cleaners

Annual Openings = 1940 Median Wage = \$30,533 ★Gambling and Sports Book Writers and Runners

Annual Openings = 9 Median Wage = \$47,468 Concierges

Annual Openings = 51 Median Wage = \$35,488 Few occupations require the education level of this zone.

Dining Room and Cafeteria Attendants and Bartender Helpers

> Annual Openings = 1202 Median Wage = \$26,999

Waiters and Waitresses

Annual Openings = 5550 Median Wage = \$28,957 Cooks, Private Household

Annual Openings = 15 Median Wage = \*\*\*

Dishwashers

Annual Openings = 927 Median Wage = \$29,970 Janitors and Cleaners, Except
Maids and Housekeeping Cleaners

Annual Openings = 3585 Median Wage = \$31,949 Few occupations require the education level of this zone.



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<sup>\*\*\*</sup> Indicates no median wage data or no annual openings data available for this occupation in this region. 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		o	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees	
		o	Community Colleges	Colleges and Universities	
2		o	<b>-</b>	<u> </u>	
7		<b></b>	<b>-</b>	<u> </u>	
3			<b>-</b>	<b>-</b>	
4			<b>-</b>		

Certificate or AA		
Bachelor's Degree		
Advanced Degree		



<sup>\*\*\*</sup> Few regional occupations in this career cluster require education at this degree level.



### **Human Services**

Bold Idea: Dallas Region
Dallas 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 = 273 Median Wage = \$30,452 Childcare Workers

Annual Openings = 1492 Median Wage = \$33,496 ★First-Line Supervisors of Personal Service Workers

Annual Openings = 252 Median Wage = \$46,983 ★Child, Family, and School Social Workers

Annual Openings = 200 Median Wage = \$53,754 **★**Clergy

Annual Openings = 450 Median Wage = \$59,760

Pressers, Textile, Garment, and Related Materials

Annual Openings = 60 Median Wage = \$30,180 Manicurists and Pedicurists

Annual Openings = 105 Median Wage = \*\*\* ★Massage Therapists

Annual Openings = 228 Median Wage = \$47,091 ★Social and Community Service Managers

> Annual Openings = 128 Median Wage = \$79,023

★Healthcare Social Workers

Annual Openings = 165 Median Wage = \$67,234

Few occupations require the education level of this zone.

Tailors, Dressmakers, and Custom Sewers

> Annual Openings = 60 Median Wage = \$38,046

★Funeral Home Managers

Annual Openings = 37 Median Wage = \$64,140 ★ Community and Social Service Specialists, All Other

Annual Openings = 121 Median Wage = \$47,986 ★Counselors, All Other

Annual Openings = 44 Median Wage = \$54,946

Funeral Attendants

Annual Openings = 37 Median Wage = \*\*\* Hairdressers, Hairstylists, and Cosmetologists

Annual Openings = 918 Median Wage = \$32,951 ★ Health Education Specialists

Annual Openings = 60 Median Wage = \$60,744 ★Psychologists, All Other

Annual Openings = 40 Median Wage = \$138,008

Locker Room, Coatroom, and Dressing Room Attendants

Annual Openings = 30 Median Wage = \$27,706 Exercise Trainers and Group Fitness Instructors

Annual Openings = 896 Median Wage = \$45,947 ★Social Workers, All Other

Annual Openings = 53 Median Wage = \$103,938 ★School Psychologists

Annual Openings = 34 Median Wage = \$76,365



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

<sup>\*\*\*</sup> 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	Additional Electives Regional Postsecondary Scho	
1		o	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
		o	Community Colleges	Colleges and Universities
2		<b></b>	<b>-</b>	<u> </u>
7		o	<b>-</b>	
3		o	<b>-</b>	<b>-</b>
4			<b></b>	

Certificate or AA		
Bachelor's Degree		
Advanced Degree		



<sup>\*\*\*</sup> Few regional occupations in this career cluster require education at this degree level.



## **Information Technology**

Bold Idea: Dallas Region Dallas 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 = 1224 Median Wage = \$57,204	★Software Developers Annual Openings = 2701 Median Wage = \$129,510	Few occupations require the education level of this zone.
		<b>★Web Developers</b> Annual Openings = 105 Median Wage = \$96,478	★Computer Occupations, All Other Annual Openings = 1203 Median Wage = \$103,629	
		Few occupations require the education level of this zone.	★ Computer Systems Analysts Annual Openings = 823 Median Wage = \$123,150	
			★Software Quality Assurance Analysts and Testers Annual Openings = 477 Median Wage = \$100,360	
			★ Network and Computer Systems Administrators Annual Openings = 440 Median Wage = \$97,514	



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<sup>\*\*\*</sup> 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		o	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
		o	Community Colleges	Colleges and Universities
2		o	<b>-</b>	<u> </u>
7		<b></b>	<b>-</b>	<u> </u>
3			<b>-</b>	<b>-</b>
4			<b>-</b>	

Certificate or AA		
Bachelor's Degree		
Advanced Degree		



<sup>\*\*\*</sup> Few regional occupations in this career cluster require education at this degree level.



## Law, Public Safety, Corrections and Security

Bold Idea: Dallas Region Dallas 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.	★First-Line Supervisors of Security Workers Annual Openings = 91 Median Wage = \$51,103	★Police and Sheriff's Patrol Officers Annual Openings = 511 Median Wage = \$85,789	★Forensic Science Technicians Annual Openings = 35 Median Wage = \$63,086	<b>★Lawyers</b> Annual Openings = 757 Median Wage = \$168,405
	★Title Examiners, Abstractors, and Searchers Annual Openings = 81 Median Wage = \$48,434	★Paralegals and Legal Assistants Annual Openings = 509 Median Wage = \$63,069	Few occupations require the education level of this zone.	★Judges, Magistrate Judges, and Magistrates Annual Openings = 12 Median Wage = \$181,928
	★Public Safety Telecommunicators Annual Openings = 77 Median Wage = \$50,207	<b>★Firefighters</b> Annual Openings = 254 Median Wage = \$63,862		★Administrative Law Judges, Adjudicators, and Hearing Officers Annual Openings = 3 Median Wage = \$154,669
	<b>Security Guards</b> Annual Openings = 3581 Median Wage = \$35,395	★Private Detectives and Investigators Annual Openings = 62 Median Wage = \$57,412		Few occupations require the education level of this zone.
	Correctional Officers and Jailers Annual Openings = 287 Median Wage = \$59,346	★First-Line Supervisors of Firefighting and Prevention Workers  Annual Openings = 58  Median Wage = \$100,143		



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<sup>\*\*\*</sup> 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		o	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
		o	Community Colleges	Colleges and Universities
2		o	<b>-</b>	<u> </u>
7		<b></b>	<b>-</b>	<u> </u>
3			<b>-</b>	<b>-</b>
4			<b>-</b>	

Certificate or AA		
Bachelor's Degree		
Advanced Degree		



<sup>\*\*\*</sup> Few regional occupations in this career cluster require education at this degree level.



## **Manufacturing**

Bold Idea: Dallas Region Dallas 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

Few occupations require the

education level of this zone.

Job Zone 5

Master's or **Doctorate Degree** 

Few occupations require the

education level of this zone.

Sewing M	1achine C	perators
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Annual Openings = 227 Median Wage = \$30,563

## Meat, Poultry, and Fish Cutters

and Trimmers Annual Openings = 52 Median Wage = \$34,049

Workers

Annual Openings = 13

Median Wage = \*\*\*

### ★Production, Planning, and **Expediting Clerks**

Median Wage = \$48,630

## Annual Openings = 636

#### ★Welders, Cutters, Solderers, and Brazers

Annual Openings = 433 Median Wage = \$48,073

#### Painting, Coating, and Decorating \*Weighers, Measurers, Checkers, and Samplers, Recordkeeping

Annual Openings = 167 Median Wage = \$48,317

#### ★First-Line Supervisors of Mechanics, Installers, and Repairers

Annual Openings = 834 Median Wage = \$71,573

#### ★First-Line Supervisors of Production and Operating Workers

Annual Openings = 816 Median Wage = \$60,625

#### ★Industrial Machinery Mechanics

Annual Openings = 566 Median Wage = \$61,788

#### Grinding and Polishing Workers, Hand

Annual Openings = 9 Median Wage = \$38,235

### ★Locksmiths and Safe Repairers

Annual Openings = 29 Median Wage = \$47,225

#### ★Security and Fire Alarm Systems Installers

Annual Openings = 300 Median Wage = \$55,158

#### Cutters and Trimmers, Hand

Annual Openings = 7 Median Wage = \$29,085

#### ★Outdoor Power Equipment and Other Small Engine Mechanics

Annual Openings = 27 Median Wage = \$47,692

#### **★**Machinists

Annual Openings = 256 Median Wage = \$53,118



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<sup>\*\*\*</sup> 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		o	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
		o	Community Colleges	Colleges and Universities
2		<b></b>	<b>-</b>	<u> </u>
7		o	<b>-</b>	
3		o	<b>-</b>	<b>-</b>
4			<b></b>	

Certificate or AA		
Bachelor's Degree		
Advanced Degree		



<sup>\*\*\*</sup> Few regional occupations in this career cluster require education at this degree level.



## **Marketing**

Bold Idea: Dallas Region Dallas 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

Door-To-Door Sales Workers, News and Street Vendors, and Related Workers

> Annual Openings = 106 Median Wage = \*\*\*

★ Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel

> Annual Openings = 2219 Median Wage = \$63,374

★ Real Estate Sales Agents
Annual Openings = 1142

Median Wage = \$49,587

★Sales Representatives,
Wholesale and Manufacturing,
Except Technical and Scientific
Products

Annual Openings = 1591 Median Wage = \$62,865 Few occupations require the education level of this zone.

Few occupations require the education level of this zone.

Retail Salespersons

Annual Openings = 5974 Median Wage = \$30,579 Merchandise Displayers and Window Trimmers

Annual Openings = 266 Median Wage = \$36,992 ★Market Research Analysts and Marketing Specialists

Annual Openings = 1322 Median Wage = \$75,045

Cashiers

Annual Openings = 5228 Median Wage = \$27,912 Few occupations require the education level of this zone.

★Sales Managers

Annual Openings = 1252 Median Wage = \$131,378

First-Line Supervisors of Retail Sales Workers

Annual Openings = 1493 Median Wage = \$44,778 ★ Property, Real Estate, and Community Association Managers

Annual Openings = 909 Median Wage = \$61,810

Counter and Rental Clerks

Annual Openings = 768 Median Wage = \$35,139 ★ Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products

> Annual Openings = 851 Median Wage = \$79,869



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<sup>\*\*\*</sup> 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		o	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
		o	Community Colleges	Colleges and Universities
2		<b></b>	<b>-</b>	
			<b>-</b>	<b>-</b>
3			<b>-</b>	<b></b>
4		<u> </u>	<b>-</b>	<b></b>

Certificate or AA		
Bachelor's Degree		
Advanced Degree		



<sup>\*\*\*</sup> Few regional occupations in this career cluster require education at this degree level.



## Science, Technology, Engineering and Mathematics

Bold Idea: Dallas Region Dallas 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.	<b>★Data Scientists</b> Annual Openings = 365 Median Wage = \$114,700	★Architectural and Engineering Managers Annual Openings = 246 Median Wage = \$168,546
			★Industrial Engineers Annual Openings = 280 Median Wage = \$102,022	★Computer and Information Research Scientists Annual Openings = 45 Median Wage = \$141,480
			★Electrical Engineers Annual Openings = 206 Median Wage = \$98,093	★Geoscientists, Except Hydrologists and Geographers Annual Openings = 40 Median Wage = \$127,448
			★Mechanical Engineers Annual Openings = 200 Median Wage = \$99,396	★Physical Scientists, All Other Annual Openings = 25 Median Wage = \$110,386
			★Electronics Engineers, Except Computer Annual Openings = 195 Median Wage = \$128,723	★Biological Scientists, All Other Annual Openings = 24 Median Wage = \$78,643



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<sup>\*\*\*</sup> 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 Postse	condary Schools
1		o	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
		o	Community Colleges	Colleges and Universities
2		<b></b>	<b>-</b>	<u> </u>
7		o	<u> </u>	
3		o	<b>-</b>	<b>-</b>
4			<b>-</b>	

Certificate or AA		
Bachelor's Degree		
Advanced Degree		



<sup>\*\*\*</sup> Few regional occupations in this career cluster require education at this degree level.



## **Transportation, Distribution, and Logistics**

Bold Idea: Dallas Region Dallas 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 = 4706  Median Wage = \$57,974	★Automotive Service Technicians and Mechanics Annual Openings = 596 Median Wage = \$50,274	★Transportation, Storage, and Distribution Managers Annual Openings = 393 Median Wage = \$98,121	Few occupations require the education level of this zone.
	★Bus Drivers, School Annual Openings = 388 Median Wage = \$53,362	★Aircraft Mechanics and Service Technicians Annual Openings = 370 Median Wage = \$89,016	<b>★Logisticians</b> Annual Openings = 375 Median Wage = \$71,992	
	★Automotive Body and Related Repairers Annual Openings = 137 Median Wage = \$50,963	★Bus and Truck Mechanics and Diesel Engine Specialists Annual Openings = 363 Median Wage = \$60,066	Few occupations require the education level of this zone.	
	★ Bus Drivers, Transit and Intercity Annual Openings = 73 Median Wage = \$52,134	★ Mobile Heavy Equipment Mechanics, Except Engines Annual Openings = 211 Median Wage = \$63,102		
	★Aircraft Cargo Handling Supervisors Annual Openings = 34 Median Wage = \$56,240	★Commercial Pilots Annual Openings = 192 Median Wage = \$181,486		



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<sup>\*\*\*</sup> 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 Sc		condary Schools
1		o	Certificates and Associate's Degrees	Bachelor's and Advanced Degrees
		o	Community Colleges	Colleges and Universities
2		o	<b>-</b>	<u> </u>
7		<b></b>	<b>-</b>	<u> </u>
3			<b>-</b>	<b>-</b>
4			<b>-</b>	

Certificate or AA		
Bachelor's Degree		
Advanced Degree		



<sup>\*\*\*</sup> Few regional occupations in this career cluster require education at this degree level.