

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Agriculture, Food, and Natural Resources	Agribusiness	13-1028	Buyers and Purchasing Agents	(12%)	\$50,597	LOW/HIGH	190	168	18
Agriculture, Food, and Natural Resources	Agribusiness	13-2071	Credit Counselors	10%	\$36,551	HIGH/LOW	11	12	1
Agriculture, Food, and Natural Resources	Agribusiness, Applied Agricultural Engineering, Plant Science	11-9013	Farmers, Ranchers, and Other Agricultural Managers	(9%)	\$32,667	LOW/LOW	607	555	62
Agriculture, Food, and Natural Resources	Animal Science	29-1131	Veterinarians	37%	\$96,828	HIGH/HIGH	47	64	4
Agriculture, Food, and Natural Resources	Animal Science	19-1042	Medical Scientists, Except Epidemiologists	20%	\$56,710	HIGH/HIGH	31	37	3
Agriculture, Food, and Natural Resources	Animal Science	19-1031	Conservation Scientists	(8%)	\$60,172	LOW/HIGH	23	21	2

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

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Agriculture, Food, and Natural Resources	Animal Science	19-1029	Biological Scientists, All Other	(10%)	\$80,667	LOW/HIGH	38	34	3
Agriculture, Food, and Natural Resources	Applied Agricultural Engineering	49-3042	Mobile Heavy Equipment Mechanics, Except Engines	14%	\$51,407	HIGH/HIGH	101	115	12
Agriculture, Food, and Natural Resources	Applied Agricultural Engineering	49-9041	Industrial Machinery Mechanics	8%	\$51,314	HIGH/HIGH	275	298	28
Agriculture, Food, and Natural Resources	Applied Agricultural Engineering	17-1011	Architects, Except Landscape and Naval	4%	\$73,100	HIGH/HIGH	49	51	4
Agriculture, Food, and Natural Resources	Applied Agricultural Engineering	51-4121	Welders, Cutters, Solderers, and Brazers	1%	\$41,287	LOW/HIGH	508	511	57
Agriculture, Food, and Natural Resources	Applied Agricultural Engineering	49-3041	Farm Equipment Mechanics and Service Technicians	(3%)	\$40,424	LOW/HIGH	25	24	3
Agriculture, Food, and Natural Resources	Applied Agricultural Engineering	49-3053	Outdoor Power Equipment and Other	39%	\$36,752	HIGH/LOW	15	21	3
Agriculture, Food, and Natural Resources	Environmental and Natural Resources	19-4042	Environmental Science and Protection	5%	\$46,308	HIGH/HIGH	12	13	2
Agriculture, Food, and Natural Resources	Environmental and Natural Resources	17-2081	Environmental Engineers	(6%)	\$82,829	LOW/HIGH	24	22	2
Agriculture, Food, and Natural Resources	Environmental and Natural Resources	19-2041	Environmental Scientists and Specialists, Except Water Resources	(13%)	\$91,068	LOW/HIGH	56	49	5

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

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Agriculture, Food, and Natural Resources	Food Science and Technology	11-1021	General and Operations Managers	8%	\$72,155	HIGH/HIGH	1,376	1,491	129
Agriculture, Food, and Natural Resources	Food Science and Technology	51-1011	First-Line Supervisors of Production and Operating Workers	5%	\$55,091	HIGH/HIGH	358	374	38
Agriculture, Food, and Natural Resources	Food Science and Technology	19-4011	Agricultural and Food Science Technicians	3%	\$38,581	LOW/LOW	12	12	2
Agriculture, Food, and Natural Resources	Food Science and Technology	51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	(8%)	\$37,825	LOW/LOW	251	231	30
Agriculture, Food, and Natural Resources	Plant Science	19-4021	Biological Technicians	5%	\$44,988	HIGH/HIGH	26	28	4
Agriculture, Food, and Natural Resources	Plant Science	37-3012	Pesticide Handlers, Sprayers, and Applicators, excluding Air Force and Marine Corps	7%	\$30,202	HIGH/LOW	14	15	2
Agriculture, Food, and Natural Resources	Plant Science	37-1012	First-Line Supervisors of Landscaping, Ornamental, and Nursery Workers, and Florists	1%	\$38,884	LOW/LOW	95	96	10
Agriculture, Food, and Natural Resources	Plant Science	37-3013	Tree Trimmers and Pruners	(6%)	\$28,083	LOW/LOW	24	22	3
Agriculture, Food, and Natural Resources	Plant Science	47-5097	Earth Drillers, Except Oil and Gas; and Helpers of Earth Drillers	0%	\$43,046	LOW/HIGH	26	26	3
Agriculture, Food, and Natural Resources	Plant Science	29-2056	Veterinary Technologists and Technicians	42%	\$25,357	HIGH/LOW	56	79	8
Agriculture, Food, and Natural Resources	Plant Science	31-9096	Veterinary Assistants and Laboratory Technicians	35%	\$21,704	HIGH/LOW	71	96	17
Agriculture, Food, and Natural Resources	Plant Science	39-2021	Animal Caretakers	28%	\$20,897	HIGH/LOW	164	210	32

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Agriculture, Food, and Natural Resources		53-7081	Refuse and Recyclable Material Collectors	25%	\$31,143	HIGH/LOW	41	51	7
Agriculture, Food, and Natural Resources		37-2021	Pest Control Workers	15%	\$26,832	HIGH/LOW	58	67	10
Agriculture, Food, and Natural Resources		41-2022	Parts Salespersons	13%	\$29,449	HIGH/LOW	189	213	27
Agriculture, Food, and Natural Resources		45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	9%	\$22,711	HIGH/LOW	490	532	88
Agriculture, Food, and Natural Resources		45-2091	Agricultural Equipment Operators	6%	\$22,766	HIGH/LOW	102	108	18
Agriculture, Food, and Natural Resources		45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	2%	\$36,670	LOW/LOW	32	33	5
Agriculture, Food, and Natural Resources		47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	(2%)	\$36,578	LOW/LOW	44	43	5
Agriculture, Food, and Natural Resources		51-8031	Water and Wastewater Treatment Plant Operators	(7%)	\$34,566	LOW/LOW	188	176	17
Agriculture, Food, and Natural Resources		45-2041	Graders and Sorters, Agricultural Products	(7%)	\$25,215	LOW/LOW	69	64	11
Agriculture, Food, and Natural Resources		45-2099	Agricultural Workers, All Other	(12%)	\$24,098	LOW/LOW	62	54	9

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Agriculture, Food,		51-3021	Butchers and Meat Cutters	(13%)	\$26,035	LOW/LOW	150	131	17
Agriculture, Food,		45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	(17%)	\$23,315	LOW/LOW	154	127	23
Agriculture, Food,		51-3022	Meat, Poultry, and Fish Cutters and	(58%)	\$28,178	LOW/LOW	107	45	9
Architecture and Construction	Architectural Design	27-1025	Interior Designers	17%	\$51,280	HIGH/HIGH	18	21	2
Architecture and Construction	Architectural Design	17-1011	Architects, Except Landscape and Naval	4%	\$73,100	HIGH/HIGH	49	51	4
Architecture and Construction	Architectural Design	17-3011	Architectural and Civil Drafters	(11%)	\$46,995	LOW/HIGH	37	32	3
Architecture and Construction	Architectural Design, Construction	11-9021	Construction Managers	21%	\$64,551	HIGH/HIGH	298	361	30
Architecture and Construction	Carpentry	47-2031	Carpenters	12%	\$37,294	HIGH/LOW	395	441	44
Architecture and Construction	Carpentry, Construction	13-1051	Cost Estimators	7%	\$59,612	HIGH/HIGH	57	60	6
Architecture and Construction	Construction Management and Inspection	47-4011	Construction and Building Inspectors	(2%)	\$60,678	LOW/HIGH	43	42	5
Architecture and Construction	Electrical	47-2111	Electricians	15%	\$47,211	HIGH/HIGH	338	389	43
Architecture and Construction	Electrical	49-2098	Security and Fire Alarm Systems Installers	3%	\$43,843	LOW/HIGH	18	19	2
Architecture and Construction	Electrical	49-9051	Electrical Power-Line Installers and	3%	\$55,305	LOW/HIGH	117	120	12

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Architecture and Construction	Electrical	49-9052	Telecommunications Line Installers and Repairers	(6%)	\$48,115	LOW/HIGH	36	34	4
Architecture and Construction	Electrical	49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	(23%)	\$40,431	LOW/HIGH	179	137	19
Architecture and Construction	Electrical	49-2097	Audiovisual Equipment Installers and Repairers	50%	\$34,832	HIGH/LOW	11	17	2
Architecture and Construction	HVAC and Sheet Metal	49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Insulators	4%	\$51,352	HIGH/HIGH	176	183	18
Architecture and Construction	HVAC and Sheet Metal	47-2211	Sheet Metal Workers	(6%)	\$44,726	LOW/HIGH	104	98	10
Architecture and Construction	Masonry	47-2021	Brickmasons and Blockmasons	7%	\$38,640	HIGH/LOW	18	19	2
Architecture and Construction	Masonry	47-2051	Cement Masons and Concrete Finishers	0%	\$33,292	LOW/LOW	151	151	16
Architecture and Construction	Plumbing and Pipefitting	47-2152	Plumbers, Pipefitters, and Steamfitters	3%	\$42,859	LOW/HIGH	342	352	37
Architecture and Construction	Plumbing and Pipefitting	47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	2%	\$26,807	LOW/LOW	44	44	5
Architecture and Construction	Plumbing and Pipefitting	47-2151	Pipelayers	(17%)	\$33,194	LOW/LOW	22	18	2

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Architecture and Construction		47-2221	Structural Iron and Steel Workers	27%	\$40,703	HIGH/HIGH	11	14	2
Architecture and Construction		49-2095	Electrical and Electronics Repairers,	21%	\$69,928	HIGH/HIGH	41	50	5
Architecture and Construction		51-8021	Stationary Engineers and Boiler Operators	6%	\$40,906	HIGH/HIGH	16	17	2
Architecture and Construction		17-2051	Civil Engineers	(2%)	\$55,669	LOW/HIGH	132	129	10
Architecture and Construction		49-9096	Riggers	(6%)	\$41,006	LOW/HIGH	26	25	3
Architecture and Construction		53-7021	Crane and Tower Operators	(8%)	\$63,284	LOW/HIGH	44	40	5
Architecture and Construction		51-2041	Structural Metal Fabricators and Fitters	(11%)	\$41,901	LOW/HIGH	93	82	10
Architecture and Construction		47-4041	Hazardous Materials Removal Workers	36%	\$36,664	HIGH/LOW	21	29	4
Architecture and Construction		49-9031	Home Appliance Repairers	34%	\$33,752	HIGH/LOW	12	16	2

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Architecture and Construction		47-2071	Paving, Surfacing, and Tamping Equipment Operators	24%	\$33,007	HIGH/LOW	18	22	3
Architecture and Construction		47-2121	Glaziers	16%	\$34,573	HIGH/LOW	16	18	2
Architecture and Construction		49-9098	Helpers--Installation, Maintenance, and Repair Workers	16%	\$23,387	HIGH/LOW	63	73	10
Architecture and Construction		47-2171	Reinforcing Iron and Rebar Workers	11%	\$36,164	HIGH/LOW	12	13	1
Architecture and Construction		47-2061	Construction Laborers	10%	\$30,040	HIGH/LOW	761	837	88
Architecture and Construction		47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	10%	\$30,722	HIGH/LOW	22	24	3
Architecture and Construction		47-2181	Roofers	8%	\$31,899	HIGH/LOW	25	27	3
Architecture and Construction		49-9071	Maintenance and Repair Workers, General	7%	\$30,683	HIGH/LOW	937	1,003	98

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Architecture and Construction		37-3011	Landscaping and Groundskeeping Workers	3%	\$28,133	LOW/LOW	762	784	105
Architecture and Construction		47-3013	Helpers--Electricians	2%	\$26,782	LOW/LOW	64	65	8
Architecture and Construction		47-2073	Operating Engineers and Other Construction Equipment Operators	1%	\$39,388	LOW/LOW	331	335	37
Architecture and Construction		47-2044	Tile and Stone Setters	(1%)	\$36,084	LOW/LOW	21	21	2
Architecture and Construction		53-7011	Conveyor Operators and Tenders	(1%)	\$30,792	LOW/LOW	46	46	6
Architecture and Construction		47-4051	Highway Maintenance Workers	(2%)	\$34,756	LOW/LOW	110	107	12
Architecture and Construction		47-2081	Drywall and Ceiling Tile Installers	(5%)	\$36,730	LOW/LOW	33	31	3
Architecture and Construction		47-2141	Painters, Construction and Maintenance	(6%)	\$32,609	LOW/LOW	192	180	16
Architecture and Construction		17-3022	Civil Engineering Technologists and Technicians	(10%)	\$36,909	LOW/LOW	91	82	8

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Architecture and Construction		49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	(14%)	\$39,333	LOW/LOW	89	77	7
Architecture and Construction		47-3019	Helpers, Construction Trades, All Other	(15%)	\$26,599	LOW/LOW	22	18	2
Arts, Audio/Visual Technology, and Communications	Design and Multi Media Arts	27-1024	Graphic Designers	0%	\$32,412	LOW/LOW	65	65	7
Arts, Audio/Visual Technology, and Communications	Digital Communications	27-4011	Audio and Video Technicians	20%	\$46,359	HIGH/HIGH	38	45	5
Arts, Audio/Visual Technology, and Communications	Digital Communications	27-4031	Camera Operators, Television, Video, and Film	17%	\$46,752	HIGH/HIGH	18	21	2
Arts, Audio/Visual		27-3043	Writers and Authors	14%	\$42,725	HIGH/HIGH	34	39	4
Arts, Audio/Visual		27-2042	Musicians and Singers	5%	\$47,379	HIGH/HIGH	108	114	14
Arts, Audio/Visual		27-4098	Lighting Technicians and Media and	2%	\$71,352	LOW/HIGH	25	25	3
Arts, Audio/Visual		27-2041	Music Directors and Composers	0%	\$53,008	LOW/HIGH	34	34	4
Arts, Audio/Visual		27-3041	Editors	(9%)	\$42,037	LOW/HIGH	25	23	3
Arts, Audio/Visual		27-2099	Miscellaneous Entertainers and Performers, Sports and Related	69%	\$37,390	HIGH/LOW	13	21	3

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

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Arts, Audio/Visual		27-1013	Fine Artists, Including Painters, Sculptors,	43%	\$17,574	HIGH/LOW	21	29	3
Arts, Audio/Visual		27-1011	Art Directors	28%	\$36,957	HIGH/LOW	22	28	3
Arts, Audio/Visual		27-4021	Photographers	25%	\$37,469	HIGH/LOW	68	85	9
Arts, Audio/Visual		27-2012	Producers and Directors	25%	\$30,049	HIGH/LOW	45	57	5
Arts, Audio/Visual		27-1012	Craft Artists	21%	\$36,868	HIGH/LOW	27	33	4
Arts, Audio/Visual		51-5112	Printing Press Operators	1%	\$30,677	LOW/LOW	22	22	3
Arts, Audio/Visual		27-4012	Broadcast Technicians	(8%)	\$22,166	LOW/LOW	25	23	2
Arts, Audio/Visual		27-3023	News Analysts, Reporters, and Journalists	(15%)	\$28,202	LOW/LOW	66	56	7
Business, Marketing, and Finance	Accounting and Financial Services	13-2052	Personal Financial Advisors	25%	\$101,785	HIGH/HIGH	40	50	4
Business, Marketing, and Finance	Accounting and Financial Services	11-3031	Financial Managers	13%	\$95,939	HIGH/HIGH	238	268	21
Business, Marketing, and Finance	Accounting and Financial Services	13-1031	Claims Adjusters, Examiners, and	4%	\$58,043	HIGH/HIGH	76	78	7
Business, Marketing, and Finance	Accounting and Financial Services	13-2011	Accountants and Auditors	3%	\$66,354	LOW/HIGH	595	615	57

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Business, Marketing, and Finance	Accounting and Financial Services	41-3031	Securities, Commodities, and Financial	3%	\$56,316	LOW/HIGH	135	139	12
Business, Marketing, and Finance	Accounting and Financial Services	13-2098	Financial and Investment Analysts,	(1%)	\$78,560	LOW/HIGH	132	131	11
Business, Marketing, and Finance	Accounting and Financial Services	13-2053	Insurance Underwriters	(4%)	\$61,702	LOW/HIGH	20	19	2
Business, Marketing, and Finance	Accounting and Financial Services	13-2072	Loan Officers	(9%)	\$71,657	LOW/HIGH	127	115	9
Business, Marketing, and Finance	Accounting and Financial Services	13-2041	Credit Analysts	(18%)	\$57,225	LOW/HIGH	39	32	3
Business, Marketing, and Finance	Accounting and Financial Services,	11-3011	Administrative Services and Facilities	0%	\$66,088	LOW/HIGH	216	216	18
Business, Marketing, and Finance	Business Management	13-1071	Human Resources Specialists	8%	\$47,638	HIGH/HIGH	325	350	34
Business, Marketing, and Finance	Business Management	13-1141	Compensation, Benefits, and Job Analysis Specialists	7%	\$57,667	HIGH/HIGH	20	21	2
Business, Marketing, and Finance	Business Management	11-3131	Training and Development Managers	4%	\$110,884	HIGH/HIGH	35	36	3
Business, Marketing, and Finance	Business Management	11-3121	Human Resources Managers	3%	\$106,427	LOW/HIGH	74	76	6

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Business, Marketing, and Finance	Business Management	13-1151	Training and Development Specialists	(1%)	\$57,679	LOW/HIGH	229	226	21
Business, Marketing, and Finance	Business Management	43-1011	First-Line Supervisors of Office and Administrative Support Workers	(2%)	\$47,953	LOW/HIGH	736	723	72
Business, Marketing, and Finance	Business Management	15-2031	Operations Research Analysts	(4%)	\$88,008	LOW/HIGH	40	39	3
Business, Marketing, and Finance	Business Management	43-4161	Human Resources Assistants, Except Payroll and Timekeeping	(13%)	\$37,989	LOW/LOW	91	78	8
Business, Marketing, and Finance	Business Management, Entrepreneurship	13-1111	Management Analysts	10%	\$73,474	HIGH/HIGH	293	321	31
Business, Marketing, and Finance	Business Management, Entrepreneurship	11-1021	General and Operations Managers	8%	\$72,155	HIGH/HIGH	1,376	1,491	129
Business, Marketing, and Finance	Entrepreneurship	11-9198	Personal Service Managers, All Other; Entertainment and Recreation Managers	16%	\$59,722	HIGH/HIGH	524	607	49
Business, Marketing, and Finance	Entrepreneurship	11-1011	Chief Executives	12%	\$133,755	HIGH/HIGH	97	108	8
Business, Marketing, and Finance	Marketing and Sales	13-1161	Market Research Analysts and Marketing Specialists	28%	\$53,392	HIGH/HIGH	137	175	19

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Business, Marketing, and Finance	Marketing and Sales	41-3021	Insurance Sales Agents	14%	\$42,563	HIGH/HIGH	238	273	27
Business, Marketing, and Finance	Marketing and Sales	41-4012	Sales Representatives, Wholesale and Retail	5%	\$46,064	HIGH/HIGH	581	611	63
Business, Marketing, and Finance	Marketing and Sales	11-3061	Purchasing Managers	(14%)	\$137,513	LOW/HIGH	57	49	4
Business, Marketing, and Finance	Marketing and Sales	41-1011	First-Line Supervisors of Retail Sales	3%	\$35,559	LOW/LOW	985	1,013	113
Business, Marketing, and Finance		13-2082	Tax Preparers	21%	\$42,360	HIGH/HIGH	23	28	3
Business, Marketing, and Finance		41-9021	Real Estate Brokers	16%	\$70,263	HIGH/HIGH	56	65	6
Business, Marketing, and Finance		41-9022	Real Estate Sales Agents	16%	\$48,153	HIGH/HIGH	186	215	20
Business, Marketing, and Finance		11-2031	Public Relations and Fundraising Managers	13%	\$105,523	HIGH/HIGH	49	55	5
Business, Marketing, and Finance		43-9199	Office and Administrative Support Workers, All Other	10%	\$42,073	HIGH/HIGH	82	90	10
Business, Marketing, and Finance		11-2022	Sales Managers	9%	\$98,655	HIGH/HIGH	92	100	9

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Business, Marketing, and Finance		13-1198	Project Management Specialists and Business Operations Specialists, All Other	8%	\$64,599	HIGH/HIGH	569	617	48
Business, Marketing, and Finance		13-1032	Insurance Appraisers, Auto Damage	7%	\$48,491	HIGH/HIGH	10	11	1
Business, Marketing, and Finance		27-3031	Public Relations Specialists	2%	\$46,139	LOW/HIGH	140	143	14
Business, Marketing, and Finance		41-1012	First-Line Supervisors of Non-Retail Sales Workers	1%	\$59,400	LOW/HIGH	176	178	17
Business, Marketing, and Finance		13-1075	Labor Relations Specialists	(2%)	\$55,254	LOW/HIGH	20	19	2
Business, Marketing, and Finance		23-2093	Title Examiners, Abstractors, and Searchers	(3%)	\$45,498	LOW/HIGH	63	61	6
Business, Marketing, and Finance		13-2031	Budget Analysts	(10%)	\$66,449	LOW/HIGH	25	22	2
Business, Marketing, and Finance		43-3051	Payroll and Timekeeping Clerks	(16%)	\$39,765	LOW/HIGH	84	71	8

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Business, Marketing, and Finance		43-6011	Executive Secretaries and Executive Administrative Assistants	(20%)	\$48,949	LOW/HIGH	216	173	21
Business, Marketing, and Finance		43-9022	Word Processors and Typists	(44%)	\$49,660	LOW/HIGH	40	22	3
Business, Marketing, and Finance		27-1023	Floral Designers	22%	\$28,009	HIGH/LOW	11	14	2
Business, Marketing, and Finance		41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services	20%	\$37,389	HIGH/LOW	337	404	49
Business, Marketing, and Finance		53-3031	Driver/Sales Workers	19%	\$36,291	HIGH/LOW	275	328	38
Business, Marketing, and Finance		43-4171	Receptionists and Information Clerks	14%	\$25,300	HIGH/LOW	492	560	73
Business, Marketing, and Finance		43-5021	Couriers and Messengers	13%	\$21,335	HIGH/LOW	63	71	8
Business, Marketing, and Finance		53-6031	Automotive and Watercraft Service	10%	\$23,253	HIGH/LOW	149	164	23
Business, Marketing, and Finance		43-6013	Medical Secretaries and Administrative	9%	\$30,310	HIGH/LOW	461	504	57
Business, Marketing, and Finance		53-7065	Stockers and Order Fillers	3%	\$25,663	LOW/LOW	1,286	1,322	210

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Business, Marketing, and Finance		41-2031	Retail Salespersons	2%	\$23,059	LOW/LOW	2,693	2,752	398
Business, Marketing, and Finance		41-9011	Demonstrators and Product Promoters	(0%)	\$30,779	LOW/LOW	13	13	2
Business, Marketing, and Finance		43-4121	Library Assistants, Clerical	(2%)	\$21,133	LOW/LOW	25	24	4
Business, Marketing, and Finance		41-2021	Counter and Rental Clerks	(2%)	\$29,667	LOW/LOW	230	226	27
Business, Marketing, and Finance		27-1026	Merchandise Displayers and Window Trimmers	(2%)	\$27,168	LOW/LOW	88	86	8
Business, Marketing, and Finance		43-9041	Insurance Claims and Policy Processing Clerks	(3%)	\$36,823	LOW/LOW	157	153	15
Business, Marketing, and Finance		43-3031	Bookkeeping, Accounting, and Auditing Clerks	(4%)	\$34,619	LOW/LOW	942	904	104
Business, Marketing, and Finance		43-9061	Office Clerks, General	(4%)	\$28,485	LOW/LOW	2,347	2,245	264
Business, Marketing, and Finance		43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	(6%)	\$30,529	LOW/LOW	1,191	1,117	124

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Business, Marketing, and Finance		41-3011	Advertising Sales Agents	(8%)	\$34,159	LOW/LOW	20	18	3
Business, Marketing, and Finance		43-4051	Customer Service Representatives	(8%)	\$33,903	LOW/LOW	1,396	1,286	170
Business, Marketing, and Finance		41-9099	Sales and Related Workers, All Other	(8%)	\$28,459	LOW/LOW	136	125	17
Business, Marketing, and Finance		43-4199	Information and Record Clerks, All Other	(9%)	\$30,998	LOW/LOW	203	185	21
Business, Marketing, and Finance		43-4151	Order Clerks	(11%)	\$24,095	LOW/LOW	49	44	5
Business, Marketing, and Finance		43-3099	Financial Clerks, All Other	(14%)	\$36,559	LOW/LOW	16	14	2

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Business, Marketing, and Finance		43-4131	Loan Interviewers and Clerks	(17%)	\$38,869	LOW/LOW	139	115	11
Business, Marketing, and Finance		43-4071	File Clerks	(21%)	\$27,308	LOW/LOW	70	56	7
Business, Marketing, and Finance		43-3071	Tellers	(22%)	\$28,634	LOW/LOW	526	410	49
Business, Marketing, and Finance		43-9021	Data Entry Keyers	(24%)	\$29,392	LOW/LOW	52	40	5
Business, Marketing, and Finance		43-3061	Procurement Clerks	(25%)	\$39,418	LOW/LOW	15	11	1
Business, Marketing, and Finance		43-4141	New Accounts Clerks	(26%)	\$32,933	LOW/LOW	69	51	6

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Business, Marketing, and Finance		43-6012	Legal Secretaries and Administrative Assistants	(26%)	\$35,913	LOW/LOW	42	31	4
Business, Marketing, and Finance		43-3011	Bill and Account Collectors	(26%)	\$34,658	LOW/LOW	58	43	5
Business, Marketing, and Finance		41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	(31%)	\$30,037	LOW/LOW	41	28	4
Business, Marketing, and Finance		43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	(33%)	\$39,051	LOW/LOW	47	32	4
Business, Marketing, and Finance		41-9041	Telemarketers	(56%)	\$34,783	LOW/LOW	84	37	8
Education and Training	Early Learning	11-9031	Education and Childcare Administrators, Preschool and Daycare	35%	\$40,683	HIGH/HIGH	23	31	3

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Education and Training	Early Learning	25-2011	Preschool Teachers, Except Special Education	29%	\$41,110	HIGH/HIGH	236	305	34
Education and Training	Early Learning	27-3091	Interpreters and Translators	23%	\$47,976	HIGH/HIGH	40	49	5
Education and Training	Early Learning	25-2052	Special Education Teachers, Kindergarten and Elementary School	10%	\$47,557	HIGH/HIGH	121	133	10
Education and Training	Early Learning	25-2021	Elementary School Teachers, Except Special Education	10%	\$46,685	HIGH/HIGH	841	923	72
Education and Training	Early Learning	25-2012	Kindergarten Teachers, Except Special Education	9%	\$45,851	HIGH/HIGH	104	114	12
Education and Training	Early Learning	11-9032	Education Administrators, Kindergarten through Secondary	8%	\$74,754	HIGH/HIGH	212	229	18
Education and Training	Early Learning, Teaching and Training	25-2058	Special Education Teachers, Secondary	13%	\$47,321	HIGH/HIGH	63	71	6
Education and Training	Teaching and Training	25-2057	Special Education Teachers, Middle	10%	\$47,685	HIGH/HIGH	56	62	5
Education and Training	Teaching and Training	25-2031	Secondary School Teachers, Except Special Education	9%	\$48,717	HIGH/HIGH	770	837	61
Education and Training	Teaching and Training	25-2032	Career/Technical Education Teachers, Secondary	7%	\$48,235	HIGH/HIGH	98	105	8

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Education and Training	Teaching and Training	25-3011	Adult Basic Education, Adult Secondary	6%	\$47,631	HIGH/HIGH	24	26	3
Education and Training	Teaching and Training	25-2059	Special Education Teachers, All Other	6%	\$50,701	HIGH/HIGH	17	18	1
Education and Training		11-9039	Education Administrators, All Other	15%	\$67,724	HIGH/HIGH	14	16	1
Education and Training		21-1012	Educational, Guidance, and Career	14%	\$55,131	HIGH/HIGH	183	208	21
Education and Training		25-9099	Educational Instruction and Library	14%	\$40,297	HIGH/HIGH	49	56	6
Education and Training		25-3097	Tutors and Teachers and Instructors, All Other	12%	\$60,523	HIGH/HIGH	383	430	51
Education and Training		25-2022	Middle School Teachers, Except Special	9%	\$47,205	HIGH/HIGH	426	464	36
Education and Training		25-1099	Postsecondary Teachers	7%	\$59,777	HIGH/HIGH	900	962	97
Education and Training		25-9031	Instructional Coordinators	5%	\$73,463	HIGH/HIGH	278	293	28
Education and Training		25-4022	Librarians and Media Collections Specialists	2%	\$50,296	LOW/HIGH	76	78	7
Education and Training		11-9033	Education Administrators, Postsecondary	0%	\$99,069	LOW/HIGH	125	126	9
Education and Training		25-3021	Self-Enrichment Teachers	35%	\$32,666	HIGH/LOW	149	200	25

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Education and Training		25-9045	Teaching Assistants, Except Postsecondary	12%	\$18,500	HIGH/LOW	833	929	90
Education and Training		25-3031	Substitute Teachers, Short-Term	10%	\$21,313	HIGH/LOW	745	820	97
Education and Training		25-9044	Teaching Assistants, Postsecondary	9%	\$29,957	HIGH/LOW	38	41	4
Education and Training		25-4031	Library Technicians	(0%)	\$28,280	LOW/LOW	24	24	3
Energy	Oil and Gas Exploration and Production	47-5012	Rotary Drill Operators, Oil and Gas	(11%)	\$43,625	LOW/HIGH	88	78	10
Energy	Oil and Gas Exploration and Production	47-5081	Helpers--Extraction Workers	(9%)	\$34,195	LOW/LOW	34	31	4
Energy	Refining and Chemical Processes	51-8093	Petroleum Pump System Operators,	(12%)	\$74,579	LOW/HIGH	44	39	4
Energy	Refining and Chemical Processes	51-8013	Power Plant Operators	(16%)	\$85,452	LOW/HIGH	48	41	5
Energy		53-7072	Pump Operators, Except Wellhead Pumpers	1%	\$42,838	LOW/HIGH	25	25	3
Energy		53-7073	Wellhead Pumpers	(23%)	\$55,121	LOW/HIGH	51	40	5
Energy		47-5011	Derrick Operators, Oil and Gas	(4%)	\$35,792	LOW/LOW	43	41	5

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Energy		47-5013	Service Unit Operators, Oil and Gas	(13%)	\$39,184	LOW/LOW	155	136	18
Energy		47-5071	Roustabouts, Oil and Gas	(17%)	\$35,741	LOW/LOW	323	268	35
Health Science	Exercise Science and Wellness	27-2022	Coaches and Scouts	43%	\$44,324	HIGH/HIGH	81	116	17
Health Science	Exercise Science and Wellness	29-9091	Athletic Trainers	13%	\$51,930	HIGH/HIGH	13	15	1
Health Science	Exercise Science and Wellness	39-9031	Exercise Trainers and Group Fitness Instructors	95%	\$29,624	HIGH/LOW	163	317	52
Health Science	Exercise Science and Wellness, Healthcare Therapeutic	29-1031	Dietitians and Nutritionists	12%	\$54,059	HIGH/HIGH	46	51	4
Health Science	Health Informatics	11-9111	Medical and Health Services Managers	26%	\$93,862	HIGH/HIGH	308	387	34
Health Science	Health Informatics	29-9098	Health Information Technologists, Medical Registrars, Surgical Assistants	12%	\$42,562	HIGH/HIGH	46	51	4
Health Science	Health Informatics	43-3021	Billing and Posting Clerks	3%	\$34,816	LOW/LOW	284	292	31

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Health Science	Healthcare Diagnostics	29-2032	Diagnostic Medical Sonographers	37%	\$66,587	HIGH/HIGH	15	20	2
Health Science	Healthcare Diagnostics	29-2031	Cardiovascular Technologists and Technicians	30%	\$45,434	HIGH/HIGH	11	15	1
Health Science	Healthcare Diagnostics	29-2035	Magnetic Resonance Imaging Technologists	21%	\$67,948	HIGH/HIGH	10	12	1
Health Science	Healthcare Diagnostics	29-2034	Radiologic Technologists and Technicians	10%	\$51,722	HIGH/HIGH	165	181	15
Health Science	Healthcare Diagnostics	29-2018	Clinical Laboratory Technologists and Technicians	10%	\$48,490	HIGH/HIGH	145	159	12
Health Science	Healthcare Diagnostics	29-2057	Ophthalmic Medical Technicians	17%	\$27,605	HIGH/LOW	52	61	5
Health Science	Healthcare Diagnostics	31-9097	Phlebotomists	(3%)	\$29,262	LOW/LOW	65	63	8
Health Science	Healthcare Diagnostics, Healthcare Therapeutic	29-1292	Dental Hygienists	1%	\$72,699	LOW/HIGH	96	97	7
Health Science	Healthcare Therapeutic	29-1071	Physician Assistants	38%	\$117,069	HIGH/HIGH	51	70	5

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Health Science	Healthcare Therapeutic	29-1228	Physicians, All Other; and Ophthalmologists, Except Pediatric	24%	\$226,680	HIGH/HIGH	115	143	6
Health Science	Healthcare Therapeutic	29-1041	Optometrists	16%	\$69,543	HIGH/HIGH	38	44	2
Health Science	Healthcare Therapeutic	29-1215	Family Medicine Physicians	15%	\$237,572	HIGH/HIGH	48	55	2
Health Science	Healthcare Therapeutic	29-1223	Psychiatrists	11%	\$236,099	HIGH/HIGH	62	69	3
Health Science	Healthcare Therapeutic	29-1248	Surgeons, Except Ophthalmologists	10%	\$210,667	HIGH/HIGH	13	14	1
Health Science	Healthcare Therapeutic	29-1211	Anesthesiologists	8%	\$213,283	HIGH/HIGH	41	44	2
Health Science	Healthcare Therapeutic	29-1218	Obstetricians and Gynecologists	4%	\$183,353	HIGH/HIGH	44	46	2
Health Science	Healthcare Therapeutic	29-1221	Pediatricians, General	3%	\$138,968	LOW/HIGH	26	26	1
Health Science	Healthcare Therapeutic	29-1216	General Internal Medicine Physicians	3%	\$301,675	LOW/HIGH	88	90	3

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Health Science	Healthcare Therapeutic	29-1021	Dentists, General	1%	\$159,544	LOW/HIGH	78	79	3
Health Science	Healthcare Therapeutic	29-1051	Pharmacists	(5%)	\$125,017	LOW/HIGH	205	194	8
Health Science	Healthcare Therapeutic	31-9092	Medical Assistants	22%	\$28,299	HIGH/LOW	419	513	64
Health Science	Healthcare Therapeutic	29-2055	Surgical Technologists	15%	\$39,027	HIGH/LOW	49	57	5
Health Science	Healthcare Therapeutic	29-2098	Medical Dosimetrists, Medical Records Specialists, and Health Technologists and	6%	\$36,987	HIGH/LOW	217	229	17
Health Science	Healthcare Therapeutic	31-9091	Dental Assistants	0%	\$38,714	LOW/LOW	152	152	19
Health Science	Healthcare Therapeutic	29-2052	Pharmacy Technicians	(4%)	\$34,531	LOW/LOW	272	261	19
Health Science	Healthcare Therapeutic, Medical Therapy	31-2011	Occupational Therapy Assistants	25%	\$59,239	HIGH/HIGH	49	61	8
Health Science	Medical Therapy	31-2021	Physical Therapist Assistants	37%	\$62,015	HIGH/HIGH	60	81	11

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Health Science	Medical Therapy	29-1127	Speech-Language Pathologists	28%	\$69,969	HIGH/HIGH	91	116	9
Health Science	Medical Therapy	29-1126	Respiratory Therapists	21%	\$57,315	HIGH/HIGH	157	190	12
Health Science	Medical Therapy	29-1123	Physical Therapists	20%	\$89,821	HIGH/HIGH	117	140	8
Health Science	Medical Therapy	29-1122	Occupational Therapists	11%	\$77,146	HIGH/HIGH	127	141	9
Health Science	Nursing Science	29-1171	Nurse Practitioners	47%	\$115,977	HIGH/HIGH	171	253	19
Health Science	Nursing Science	29-1151	Nurse Anesthetists	47%	\$167,535	HIGH/HIGH	12	18	1
Health Science	Nursing Science	29-1141	Registered Nurses	11%	\$68,326	HIGH/HIGH	2,079	2,314	141
Health Science	Nursing Science	29-2061	Licensed Practical and Licensed Vocational Nurses	5%	\$41,387	HIGH/HIGH	1,354	1,427	115
Health Science		29-1298	Acupuncturists and Healthcare Diagnosing or Treating Practitioners, All Other	15%	\$55,916	HIGH/HIGH	13	15	1

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Health Science		29-1011	Chiropractors	8%	\$62,438	HIGH/HIGH	28	30	1
Health Science		29-2053	Psychiatric Technicians	54%	\$30,845	HIGH/LOW	22	33	3
Health Science		29-2081	Opticians, Dispensing	26%	\$30,695	HIGH/LOW	19	24	2
Health Science		31-9093	Medical Equipment Preparers	23%	\$31,852	HIGH/LOW	15	18	2
Health Science		31-1132	Orderlies	20%	\$24,157	HIGH/LOW	17	20	3
Health Science		31-2022	Physical Therapist Aides	15%	\$22,649	HIGH/LOW	41	47	6
Health Science		31-1131	Nursing Assistants	15%	\$25,075	HIGH/LOW	860	987	125
Health Science		29-2051	Dietetic Technicians	13%	\$19,708	HIGH/LOW	38	43	3
Health Science		31-1128	Home Health and Personal Care Aides	12%	\$21,522	HIGH/LOW	2,058	2,315	334

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Health Science		21-1091	Health Education Specialists	2%	\$37,739	LOW/LOW	29	29	3
Health Science		31-9099	Healthcare Support Workers, All Other	(0%)	\$25,953	LOW/LOW	121	121	15
Health Science		31-1133	Psychiatric Aides	(11%)	\$27,327	LOW/LOW	750	665	87
Health Science		31-9095	Pharmacy Aides	(17%)	\$17,789	LOW/LOW	15	12	2
Health Science		31-9094	Medical Transcriptionists	(26%)	\$26,011	LOW/LOW	28	21	3
Hospitality and Tourism	Culinary Arts	35-1012	First-Line Supervisors of Food Preparation and Serving Workers	34%	\$34,815	HIGH/LOW	564	756	115
Hospitality and Tourism	Culinary Arts	35-1011	Chefs and Head Cooks	27%	\$37,331	HIGH/LOW	178	226	30
Hospitality and Tourism	Culinary Arts	19-4011	Agricultural and Food Science Technicians	3%	\$38,581	LOW/LOW	12	12	2
Hospitality and Tourism	Culinary Arts, Lodging and Resort Management	13-1121	Meeting, Convention, and Event Planners	46%	\$42,787	HIGH/HIGH	30	44	5

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Hospitality and Tourism	Culinary Arts, Lodging and Resort Management	11-9051	Food Service Managers	38%	\$54,919	HIGH/HIGH	126	173	21
Hospitality and Tourism	Culinary Arts, Lodging and Resort Management	11-1021	General and Operations Managers	8%	\$72,155	HIGH/HIGH	1,376	1,491	129
Hospitality and Tourism	Lodging and Resort Management	11-9081	Lodging Managers	50%	\$42,747	HIGH/HIGH	23	35	4
Hospitality and Tourism	Lodging and Resort Management	11-3011	Administrative Services and Facilities Managers	0%	\$66,088	LOW/HIGH	216	216	18
Hospitality and Tourism	Travel, Tourism, and Attractions	13-1161	Market Research Analysts and Marketing Specialists	28%	\$53,392	HIGH/HIGH	137	175	19
Hospitality and Tourism	Travel, Tourism, and Attractions	13-1131	Fundraisers	22%	\$50,887	HIGH/HIGH	30	37	4
Hospitality and Tourism	Travel, Tourism, and Attractions	11-2021	Marketing Managers	15%	\$106,821	HIGH/HIGH	40	46	5
Hospitality and Tourism		43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	277%	\$47,175	HIGH/HIGH	16	60	9
Hospitality and Tourism		39-3031	Ushers, Lobby Attendants, and Ticket Takers	187%	\$19,959	HIGH/LOW	16	45	9

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Hospitality and Tourism		39-3091	Amusement and Recreation Attendants	111%	\$19,214	HIGH/LOW	76	161	33
Hospitality and Tourism		39-6011	Baggage Porters and Bellhops	110%	\$21,431	HIGH/LOW	22	47	7
Hospitality and Tourism		35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	102%	\$20,128	HIGH/LOW	80	161	34
Hospitality and Tourism		35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	77%	\$19,150	HIGH/LOW	133	235	41
Hospitality and Tourism		35-3011	Bartenders	76%	\$18,237	HIGH/LOW	225	397	66
Hospitality and Tourism		39-7018	Tour and Travel Guides	66%	\$32,411	HIGH/LOW	11	18	3
Hospitality and Tourism		35-2015	Cooks, Short Order	64%	\$19,379	HIGH/LOW	33	53	8
Hospitality and Tourism		35-2014	Cooks, Restaurant	64%	\$23,626	HIGH/LOW	905	1,483	224
Hospitality and Tourism		41-3041	Travel Agents	52%	\$31,677	HIGH/LOW	13	20	3

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Hospitality and Tourism		35-9021	Dishwashers	49%	\$21,757	HIGH/LOW	216	322	52
Hospitality and Tourism		35-3031	Waiters and Waitresses	48%	\$18,639	HIGH/LOW	1,175	1,737	328
Hospitality and Tourism		43-4081	Hotel, Motel, and Resort Desk Clerks	38%	\$19,340	HIGH/LOW	175	241	40
Hospitality and Tourism		39-9032	Recreation Workers	31%	\$22,248	HIGH/LOW	218	287	45
Hospitality and Tourism		53-6021	Parking Attendants	30%	\$21,359	HIGH/LOW	52	68	11
Hospitality and Tourism		37-1011	First-Line Supervisors of Housekeeping	26%	\$37,596	HIGH/LOW	129	162	20
Hospitality and Tourism		51-3011	Bakers	24%	\$23,318	HIGH/LOW	55	68	10
Hospitality and Tourism		37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	21%	\$23,608	HIGH/LOW	1,647	2,000	275
Hospitality and Tourism		35-9099	Food Preparation and Serving Related Workers, All Other	20%	\$20,699	HIGH/LOW	180	216	37

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Hospitality and Tourism		35-3023	Fast Food and Counter Workers	19%	\$19,470	HIGH/LOW	3,227	3,832	775
Hospitality and Tourism		35-3041	Food Servers, Nonrestaurant	18%	\$19,146	HIGH/LOW	170	201	32
Hospitality and Tourism		35-2021	Food Preparation Workers	16%	\$23,232	HIGH/LOW	533	620	106
Hospitality and Tourism		35-2012	Cooks, Institution and Cafeteria	9%	\$22,752	HIGH/LOW	425	462	68
Hospitality and Tourism		35-2011	Cooks, Fast Food	9%	\$19,863	HIGH/LOW	352	382	56
Hospitality and Tourism		37-2012	Maids and Housekeeping Cleaners	4%	\$20,805	HIGH/LOW	904	945	134
Hospitality and Tourism		39-3011	Gambling Dealers	0%	\$23,016	LOW/LOW	18	18	3
Hospitality and Tourism		39-2011	Animal Trainers	0%	\$23,781	LOW/LOW	34	34	4
Hospitality and Tourism		41-2011	Cashiers	(3%)	\$21,325	LOW/LOW	1,911	1,858	352

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Hospitality and Tourism		43-2011	Switchboard Operators, Including Answering Service	(37%)	\$24,489	LOW/LOW	70	44	6
Human Services	Cosmetology and Personal Care Services	39-5092	Manicurists and Pedicurists	52%	\$24,822	HIGH/LOW	39	59	7
Human Services	Cosmetology and Personal Care Services	39-5094	Skincare Specialists	40%	\$32,248	HIGH/LOW	32	45	5
Human Services	Cosmetology and Personal Care Services	39-1098	First-Line Supervisors of Personal Service and Entertainment and Recreation	40%	\$32,813	HIGH/LOW	87	122	14
Human Services	Cosmetology and Personal Care Services	39-5012	Hairdressers, Hairstylists, and Cosmetologists	10%	\$20,703	HIGH/LOW	458	503	59
Human Services	Cosmetology and Personal Care Services	39-5011	Barbers	4%	\$25,716	HIGH/LOW	23	23	2
Human Services	Family and Community Services	21-1013	Marriage and Family Therapists	43%	\$48,013	HIGH/HIGH	21	30	3
Human Services	Family and Community Services	11-9151	Social and Community Service Managers	23%	\$58,607	HIGH/HIGH	85	105	10
Human Services	Family and Community Services	21-1023	Mental Health and Substance Abuse Social Workers	21%	\$40,412	HIGH/HIGH	66	79	8

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Human Services	Family and Community Services	21-1021	Child, Family, and School Social Workers	8%	\$47,803	HIGH/HIGH	212	228	22
Human Services	Family and Community Services	21-1093	Social and Human Service Assistants	30%	\$33,368	HIGH/LOW	155	202	25
Human Services	Family and Community Services, Health	21-1018	Substance Abuse, Behavioral Disorder,	27%	\$53,839	HIGH/HIGH	176	223	23
Human Services	Health and Wellness	21-1022	Healthcare Social Workers	13%	\$52,640	HIGH/HIGH	132	149	15
Human Services	Health and Wellness	29-1031	Dietitians and Nutritionists	12%	\$54,059	HIGH/HIGH	46	51	4
Human Services	Health and Wellness	21-1015	Rehabilitation Counselors	84%	\$23,259	HIGH/LOW	37	68	8
Human Services	Health and Wellness	21-1094	Community Health Workers	33%	\$35,810	HIGH/LOW	22	29	3
Human Services		19-3039	Psychologists, All Other	25%	\$90,804	HIGH/HIGH	20	25	2
Human Services		21-1019	Counselors, All Other	25%	\$49,288	HIGH/HIGH	16	20	2
Human Services		19-3031	Clinical, Counseling, and School Psychologists	9%	\$59,964	HIGH/HIGH	109	119	9

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Human Services		19-3099	Social Scientists and Related Workers, All Other	7%	\$76,598	HIGH/HIGH	13	14	1
Human Services		21-2011	Clergy	3%	\$45,489	LOW/HIGH	254	261	27
Human Services		21-2021	Directors, Religious Activities and Education	(2%)	\$47,633	LOW/HIGH	118	115	13
Human Services		39-4031	Morticians, Undertakers, and Funeral	(11%)	\$44,492	LOW/HIGH	25	22	3
Human Services		31-9011	Massage Therapists	37%	\$39,507	HIGH/LOW	81	111	14
Human Services		39-9041	Residential Advisors	27%	\$24,881	HIGH/LOW	42	53	8
Human Services		21-1099	Community and Social Service Specialists, All Other	17%	\$33,803	HIGH/LOW	41	48	5
Human Services		39-9098	Crematory Operators and Personal Care and Service Workers, All Other	14%	\$22,536	HIGH/LOW	46	52	7
Human Services		21-2099	Religious Workers, All Other	1%	\$31,399	LOW/LOW	55	56	8

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Human Services		39-4021	Funeral Attendants	(2%)	\$19,908	LOW/LOW	72	70	10
Human Services		39-9011	Childcare Workers	(3%)	\$19,406	LOW/LOW	826	801	118
Human Services		51-6052	Tailors, Dressmakers, and Custom Sewers	(11%)	\$24,247	LOW/LOW	24	21	3
Human Services		51-6011	Laundry and Dry-Cleaning Workers	(12%)	\$20,470	LOW/LOW	153	135	20
Human Services		51-6021	Pressers, Textile, Garment, and Related Materials	(26%)	\$22,124	LOW/LOW	35	26	3
Information Technology	Information Technology Support and Services	11-3021	Computer and Information Systems Managers	(0%)	\$126,518	LOW/HIGH	108	108	9
Information Technology	Information Technology Support and Services	15-1245	Database Administrators and Architects	(1%)	\$93,489	LOW/HIGH	22	22	2
Information Technology	Information Technology Support and Services	17-2061	Computer Hardware Engineers	(40%)	\$102,748	LOW/HIGH	38	23	2
Information Technology	Information Technology Support and Services, Networking	15-1211	Computer Systems Analysts	(8%)	\$69,054	LOW/HIGH	161	148	12

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Information Technology	Information Technology Support and Services Networking	15-1241	Computer Network Architects	(15%)	\$106,864	LOW/HIGH	27	23	2
Information Technology	Networking Systems	15-1232	Computer User Support Specialists	(0%)	\$45,001	LOW/HIGH	195	195	15
Information Technology	Networking Systems	15-1231	Computer Network Support Specialists	(10%)	\$43,639	LOW/HIGH	53	48	4
Information Technology	Web Development	15-1257	Web Developers and Digital Interface Designers	29%	\$52,340	HIGH/HIGH	22	28	2
Information Technology	Web Development	15-1299	Computer Occupations, All Other	3%	\$77,902	LOW/HIGH	141	145	11
Information Technology	Web Development	15-1256	Software Developers and Software Quality Assurance Analysts and Testers	(13%)	\$90,378	LOW/HIGH	555	485	39
Law and Public Service	Emergency Services	33-1021	First-Line Supervisors of Firefighting and Prevention Workers	(2%)	\$75,162	LOW/HIGH	41	40	3
Law and Public Service	Emergency Services	33-2011	Firefighters	(4%)	\$45,246	LOW/HIGH	241	233	18
Law and Public Service	Emergency Services	29-2041	Emergency Medical Technicians and Paramedics	(4%)	\$31,500	LOW/LOW	247	237	19

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Law and Public Service	Government and Public Administration	13-2061	Financial Examiners	10%	\$59,276	HIGH/HIGH	20	22	2
Law and Public Service	Government and Public Administration	13-2011	Accountants and Auditors	3%	\$66,354	LOW/HIGH	595	615	57
Law and Public Service	Government and Public Administration	13-2098	Financial and Investment Analysts,	(1%)	\$78,560	LOW/HIGH	132	131	11
Law and Public Service	Government and Public Administration	13-2021	Property Appraisers and Assessors	(2%)	\$50,663	LOW/HIGH	46	45	4
Law and Public Service	Government and Public Administration	11-9141	Property, Real Estate, and Community	(3%)	\$35,925	LOW/LOW	161	157	13
Law and Public Service	Law Enforcement	33-3051	Police and Sheriffs Patrol Officers	(2%)	\$56,426	LOW/HIGH	608	596	47
Law and Public Service	Law Enforcement	33-1012	First-Line Supervisors of Police and Detectives	(3%)	\$54,222	LOW/HIGH	145	141	9
Law and Public Service	Law Enforcement	33-3021	Detectives and Criminal Investigators	(5%)	\$55,903	LOW/HIGH	79	75	6
Law and Public Service	Law Enforcement	21-1092	Probation Officers and Correctional Treatment Specialists	(8%)	\$45,598	LOW/HIGH	94	86	7
Law and Public Service	Law Enforcement	33-1011	First-Line Supervisors of Correctional Officers	(13%)	\$47,799	LOW/HIGH	32	28	3

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Law and Public Service	Law Enforcement	33-3012	Correctional Officers and Jailers	(20%)	\$40,188	LOW/HIGH	1,004	807	83
Law and Public Service	Legal Studies	23-1011	Lawyers	7%	\$86,734	HIGH/HIGH	217	232	13
Law and Public Service	Legal Studies	23-2011	Paralegals and Legal Assistants	(1%)	\$39,108	LOW/LOW	94	93	11
Law and Public Service		21-1029	Social Workers, All Other	13%	\$58,060	HIGH/HIGH	27	31	3
Law and Public Service		13-1041	Compliance Officers	6%	\$62,200	HIGH/HIGH	88	93	8
Law and Public Service		11-9161	Emergency Management Directors	3%	\$79,034	LOW/HIGH	14	14	1
Law and Public Service		33-1099	Miscellaneous First-Line Supervisors, Protective Service Workers	1%	\$46,233	LOW/HIGH	21	22	2
Law and Public Service		53-6051	Transportation Inspectors	(1%)	\$91,238	LOW/HIGH	30	29	3
Law and Public Service		19-3051	Urban and Regional Planners	(3%)	\$61,087	LOW/HIGH	18	18	2

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Law and Public Service		11-1031	Legislators	(4%)	\$45,681	LOW/HIGH	85	82	6
Law and Public Service		19-5011	Occupational Health and Safety Specialists	(6%)	\$68,588	LOW/HIGH	77	72	6
Law and Public Service		23-1023	Judges, Magistrate Judges, and Magistrates	(7%)	\$49,901	LOW/HIGH	31	29	1
Law and Public Service		11-9131	Postmasters and Mail Superintendents	(8%)	\$72,262	LOW/HIGH	12	11	1
Law and Public Service		43-5052	Postal Service Mail Carriers	(10%)	\$47,868	LOW/HIGH	244	220	17
Law and Public Service		43-5051	Postal Service Clerks	(10%)	\$50,486	LOW/HIGH	70	63	5
Law and Public Service		23-2099	Legal Support Workers, All Other	(10%)	\$55,707	LOW/HIGH	31	28	3
Law and Public Service		23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	(13%)	\$87,330	LOW/HIGH	24	21	1

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Law and Public Service		33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	48%	\$26,898	HIGH/LOW	111	164	39
Law and Public Service		33-9091	Crossing Guards and Flaggers	35%	\$23,933	HIGH/LOW	10	14	3
Law and Public Service		33-9032	Security Guards	22%	\$27,139	HIGH/LOW	269	327	45
Law and Public Service		33-9098	School Bus Monitors and Protective Service Workers, All Other	10%	\$29,060	HIGH/LOW	76	83	20
Law and Public Service		43-5041	Meter Readers, Utilities	9%	\$32,092	HIGH/LOW	21	23	2
Law and Public Service		43-4031	Court, Municipal, and License Clerks	(2%)	\$33,764	LOW/LOW	107	105	11
Law and Public Service		43-4111	Interviewers, Except Eligibility and Loan	(3%)	\$28,694	LOW/LOW	69	67	9
Law and Public Service		43-5031	Public Safety Telecommunicators	(4%)	\$31,478	LOW/LOW	90	86	8
Law and Public Service		43-4061	Eligibility Interviewers, Government Programs	(8%)	\$33,763	LOW/LOW	110	101	10

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Manufacturing	Advanced Manufacturing and Machinery Mechanics	49-9041	Industrial Machinery Mechanics	8%	\$51,314	HIGH/HIGH	275	298	28
Manufacturing	Advanced Manufacturing and Machinery Mechanics	49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	(6%)	\$58,721	LOW/HIGH	57	54	4
Manufacturing	Advanced Manufacturing and Machinery Mechanics	49-2092	Electric Motor, Power Tool, and Related Repairers	(17%)	\$36,653	LOW/LOW	36	30	3
Manufacturing	Advanced Manufacturing and Machinery Mechanics	51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and	(22%)	\$34,243	LOW/LOW	180	140	16
Manufacturing	Advanced Manufacturing and Machinery Mechanics, Manufacturing	51-9162	Computer Numerically Controlled Tool Programmers	10%	\$58,621	HIGH/HIGH	13	15	2
Manufacturing	Advanced Manufacturing and Machinery Mechanics, Manufacturing	17-3023	Electrical and Electronic Engineering Technologists and Technicians	(7%)	\$65,410	LOW/HIGH	75	70	7
Manufacturing	Advanced Manufacturing and Machinery Mechanics, Manufacturing	51-9161	Computer Numerically Controlled Tool Operators	(19%)	\$38,567	LOW/LOW	138	111	14
Manufacturing	Manufacturing Technology	17-3027	Mechanical Engineering Technologists and Technicians	(12%)	\$57,598	LOW/HIGH	14	12	1
Manufacturing	Manufacturing Technology	17-3026	Industrial Engineering Technologists and Technicians	(23%)	\$56,717	LOW/HIGH	72	55	6

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Manufacturing	Welding	51-4121	Welders, Cutters, Solderers, and Brazers	1%	\$41,287	LOW/HIGH	508	511	57
Manufacturing	Welding	51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	(19%)	\$32,624	LOW/LOW	81	65	8
Manufacturing		49-2011	Computer, Automated Teller, and Office Machine Repairers	18%	\$53,756	HIGH/HIGH	61	72	9
Manufacturing		27-1029	Designers, All Other	14%	\$42,342	HIGH/HIGH	16	19	2
Manufacturing		49-9062	Medical Equipment Repairers	9%	\$41,995	HIGH/HIGH	27	30	3
Manufacturing		51-9011	Chemical Equipment Operators and Tenders	6%	\$64,994	HIGH/HIGH	68	73	8
Manufacturing		51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	4%	\$42,799	HIGH/HIGH	19	20	2
Manufacturing		43-2099	Communications Equipment Operators, All Other	4%	\$43,240	HIGH/HIGH	19	20	2
Manufacturing		49-9043	Maintenance Workers, Machinery	2%	\$52,116	LOW/HIGH	76	78	7

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Manufacturing		51-4041	Machinists	(1%)	\$43,102	LOW/HIGH	292	289	31
Manufacturing		11-3051	Industrial Production Managers	(1%)	\$112,371	LOW/HIGH	101	100	7
Manufacturing		49-9044	Millwrights	(5%)	\$56,865	LOW/HIGH	23	22	2
Manufacturing		17-3013	Mechanical Drafters	(6%)	\$52,099	LOW/HIGH	21	20	2
Manufacturing		51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and	(9%)	\$39,796	LOW/HIGH	13	12	1
Manufacturing		51-2021	Coil Winders, Tapers, and Finishers	(15%)	\$49,831	LOW/HIGH	20	17	2
Manufacturing		51-4051	Metal-Refining Furnace Operators and Tenders	(17%)	\$41,184	LOW/HIGH	27	23	3
Manufacturing		51-4111	Tool and Die Makers	(23%)	\$44,913	LOW/HIGH	23	18	2
Manufacturing		51-9071	Jewelers and Precious Stone and Metal Workers	58%	\$31,528	HIGH/LOW	21	32	4

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Manufacturing		51-6051	Sewers, Hand	44%	\$29,381	HIGH/LOW	19	28	4
Manufacturing		51-3092	Food Batchmakers	36%	\$28,918	HIGH/LOW	47	65	9
Manufacturing		43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	26%	\$31,195	HIGH/LOW	11	14	2
Manufacturing		51-6041	Shoe and Leather Workers and Repairers	23%	\$31,165	HIGH/LOW	36	45	6
Manufacturing		51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	21%	\$30,128	HIGH/LOW	36	43	5
Manufacturing		51-6042	Shoe Machine Operators and Tenders	20%	\$28,959	HIGH/LOW	64	77	10
Manufacturing		51-7021	Furniture Finishers	16%	\$30,095	HIGH/LOW	10	12	2
Manufacturing		51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	16%	\$27,500	HIGH/LOW	63	73	8
Manufacturing		51-9199	Production Workers, All Other	13%	\$26,642	HIGH/LOW	82	92	11

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Manufacturing		51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	12%	\$36,000	HIGH/LOW	101	114	12
Manufacturing		51-9111	Packaging and Filling Machine Operators and Tenders	11%	\$26,317	HIGH/LOW	119	132	16
Manufacturing		51-7011	Cabinetmakers and Bench Carpenters	11%	\$28,287	HIGH/LOW	56	61	6
Manufacturing		51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	10%	\$33,635	HIGH/LOW	68	74	9
Manufacturing		51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and	5%	\$32,110	HIGH/LOW	10	11	1
Manufacturing		51-6062	Textile Cutting Machine Setters, Operators, and Tenders	5%	\$24,341	HIGH/LOW	14	15	2
Manufacturing		49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	3%	\$30,245	LOW/LOW	29	29	4
Manufacturing		51-6093	Upholsterers	3%	\$27,505	LOW/LOW	13	13	1
Manufacturing		43-5061	Production, Planning, and Expediting Clerks	2%	\$39,056	LOW/LOW	190	193	21

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Manufacturing		49-9099	Installation, Maintenance, and Repair Workers, All Other	0%	\$29,297	LOW/LOW	103	103	11
Manufacturing		51-6031	Sewing Machine Operators	(1%)	\$22,136	LOW/LOW	85	84	11
Manufacturing		51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	(2%)	\$31,471	LOW/LOW	11	11	1
Manufacturing		51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators	(4%)	\$29,949	LOW/LOW	54	52	6
Manufacturing		51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	(5%)	\$27,435	LOW/LOW	55	52	7
Manufacturing		51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	(6%)	\$34,861	LOW/LOW	98	92	10
Manufacturing		51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and	(6%)	\$31,365	LOW/LOW	41	39	5
Manufacturing		51-9123	Painting, Coating, and Decorating Workers	(8%)	\$28,719	LOW/LOW	41	38	4
Manufacturing		53-7063	Machine Feeders and Offbearers	(9%)	\$33,303	LOW/LOW	27	24	3

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Manufacturing		51-9198	Helpers--Production Workers	(10%)	\$28,838	LOW/LOW	135	123	18
Manufacturing		51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal	(10%)	\$31,101	LOW/LOW	182	163	19
Manufacturing		51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and	(10%)	\$39,258	LOW/LOW	32	29	3
Manufacturing		51-9022	Grinding and Polishing Workers, Hand	(14%)	\$30,605	LOW/LOW	14	12	2
Manufacturing		51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	(15%)	\$27,208	LOW/LOW	18	16	2
Manufacturing		51-2098	Miscellaneous Assemblers and Fabricators	(15%)	\$23,800	LOW/LOW	655	554	66
Manufacturing		51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	(36%)	\$27,769	LOW/LOW	44	28	4
Manufacturing		51-3023	Slaughterers and Meat Packers	(74%)	\$38,949	LOW/LOW	68	18	5
Science, Technology, Engineering and Mathematics	Biomedical Science	19-4031	Chemical Technicians	11%	\$53,378	HIGH/HIGH	14	15	2

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Science, Technology, Engineering and Mathematics	Biomedical Science	29-2018	Clinical Laboratory Technologists and Technicians	10%	\$48,490	HIGH/HIGH	145	159	12
Science, Technology, Engineering and Mathematics	Biomedical Science	19-4021	Biological Technicians	5%	\$44,988	HIGH/HIGH	26	28	4
Science, Technology, Engineering and Mathematics	Biomedical Science	29-2098	Medical Dosimetrists, Medical Records	6%	\$36,987	HIGH/LOW	217	229	17
Science, Technology, Engineering and Mathematics	Cybersecurity	15-1212	Information Security Analysts	2%	\$106,440	LOW/HIGH	44	45	4
Science, Technology, Engineering and Mathematics	Cybersecurity	15-1244	Network and Computer Systems Administrators	(6%)	\$62,816	LOW/HIGH	131	123	9
Science, Technology, Engineering and Mathematics	Cybersecurity	15-1211	Computer Systems Analysts	(8%)	\$69,054	LOW/HIGH	161	148	12
Science, Technology, Engineering and Mathematics	Engineering	41-9031	Sales Engineers	8%	\$99,814	HIGH/HIGH	14	15	2
Science, Technology, Engineering and Mathematics	Engineering	17-2081	Environmental Engineers	(6%)	\$82,829	LOW/HIGH	24	22	2
Science, Technology, Engineering and Mathematics	Engineering	17-2141	Mechanical Engineers	(18%)	\$91,268	LOW/HIGH	147	121	8

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Science, Technology, Engineering and Mathematics	Engineering	17-2041	Chemical Engineers	(19%)	\$125,130	LOW/HIGH	33	27	2
Science, Technology, Engineering and Mathematics	Engineering	17-2112	Industrial Engineers	(19%)	\$85,098	LOW/HIGH	169	137	10
Science, Technology, Engineering and Mathematics	Engineering	17-3026	Industrial Engineering Technologists and Technicians	(23%)	\$56,717	LOW/HIGH	72	55	6
Science, Technology, Engineering and Mathematics	Engineering	17-2071	Electrical Engineers	(25%)	\$109,802	LOW/HIGH	129	97	8
Science, Technology, Engineering and Mathematics	Engineering	17-2011	Aerospace Engineers	(26%)	\$105,760	LOW/HIGH	57	42	3
Science, Technology, Engineering and Mathematics	Engineering	17-2131	Materials Engineers	(40%)	\$83,847	LOW/HIGH	39	23	2
Science, Technology, Engineering and Mathematics	Programming and Software Development	15-1256	Software Developers and Software Quality Assurance Analysts and Testers	(13%)	\$90,378	LOW/HIGH	555	485	39
Science, Technology, Engineering and Mathematics	Programming and Software Development	15-1251	Computer Programmers	(20%)	\$82,318	LOW/HIGH	34	27	2
Science, Technology, Engineering and Mathematics	Renewable Energy	49-9081	Wind Turbine Service Technicians	157%	\$50,606	HIGH/HIGH	32	81	11

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Science, Technology, Engineering and Mathematics	Renewable Energy	41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific	4%	\$78,846	HIGH/HIGH	57	59	6
Science, Technology, Engineering and Mathematics	Renewable Energy	47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	(2%)	\$64,000	LOW/HIGH	501	490	50
Science, Technology, Engineering and Mathematics	Renewable Energy	17-2199	Engineers, All Other	(24%)	\$111,756	LOW/HIGH	120	91	7
Science, Technology, Engineering and Mathematics		19-2031	Chemists	11%	\$88,777	HIGH/HIGH	20	22	2
Science, Technology, Engineering and Mathematics		19-2021	Atmospheric and Space Scientists	5%	\$93,176	HIGH/HIGH	11	11	1
Science, Technology, Engineering and Mathematics		17-3031	Surveying and Mapping Technicians	4%	\$42,545	HIGH/HIGH	57	59	8
Science, Technology, Engineering and Mathematics		17-2072	Electronics Engineers, Except Computer	(3%)	\$99,734	LOW/HIGH	26	25	2
Science, Technology, Engineering and Mathematics		17-1022	Surveyors	(8%)	\$47,578	LOW/HIGH	33	31	3
Science, Technology, Engineering and Mathematics		19-4071	Forest and Conservation Technicians	(8%)	\$41,555	LOW/HIGH	34	31	4

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Science, Technology, Engineering and Mathematics		11-9041	Architectural and Engineering Managers	(13%)	\$124,596	LOW/HIGH	67	58	5
Science, Technology, Engineering and Mathematics		17-3098	Calibration Technologists and Technicians and Engineering Technologists and	(15%)	\$64,384	LOW/HIGH	71	60	6
Science, Technology, Engineering and Mathematics		19-2042	Geoscientists, Except Hydrologists and Geographers	(15%)	\$105,716	LOW/HIGH	38	32	3
Science, Technology, Engineering and Mathematics		17-2171	Petroleum Engineers	(21%)	\$116,710	LOW/HIGH	112	88	7
Science, Technology, Engineering and Mathematics		17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	(28%)	\$84,047	LOW/HIGH	31	23	2
Science, Technology, Engineering and Mathematics		19-4099	Life, Physical, and Social Science Technicians, All Other	13%	\$37,791	HIGH/LOW	21	24	3
Science, Technology, Engineering and Mathematics		19-4045	Geological and Hydrologic Technicians	(18%)	\$29,044	LOW/LOW	44	36	5
Transportation, Distribution, and Logistics	Automotive, Diesel and Heavy Equipment	49-3021	Automotive Body and Related Repairers	17%	\$44,065	HIGH/HIGH	138	161	16
Transportation, Distribution, and Logistics	Automotive, Diesel and Heavy Equipment	49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	12%	\$59,032	HIGH/HIGH	329	369	35

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Transportation, Distribution, and Logistics	Automotive, Diesel and Heavy Equipment	49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	7%	\$51,252	HIGH/HIGH	279	298	29
Transportation, Distribution, and Logistics	Automotive, Diesel and Heavy Equipment	49-3023	Automotive Service Technicians and Mechanics	10%	\$36,444	HIGH/LOW	584	643	67
Transportation, Distribution, and Logistics	Aviation Maintenance	49-2091	Avionics Technicians	34%	\$63,884	HIGH/HIGH	63	85	8
Transportation, Distribution, and Logistics	Aviation Maintenance	49-3011	Aircraft Mechanics and Service Technicians	31%	\$66,415	HIGH/HIGH	291	381	38
Transportation, Distribution, and Logistics	Diesel and Heavy Equipment	49-3042	Mobile Heavy Equipment Mechanics, Except Engines	14%	\$51,407	HIGH/HIGH	101	115	12
Transportation, Distribution, and Logistics	Distribution and Logistics	11-9198	Personal Service Managers, All Other; Entertainment and Recreation Managers	16%	\$59,722	HIGH/HIGH	524	607	49
Transportation, Distribution, and Logistics	Distribution and Logistics	13-1081	Logisticians	6%	\$69,942	HIGH/HIGH	127	135	12
Transportation, Distribution, and Logistics	Distribution and Logistics	11-3071	Transportation, Storage, and Distribution Managers	(1%)	\$82,679	LOW/HIGH	137	135	11
Transportation, Distribution, and Logistics	Distribution and Logistics	13-1028	Buyers and Purchasing Agents	(12%)	\$50,597	LOW/HIGH	190	168	18

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Transportation, Distribution, and Logistics	Distribution and Logistics	11-3061	Purchasing Managers	(14%)	\$137,513	LOW/HIGH	57	49	4
Transportation, Distribution, and Logistics		53-6098	Aircraft Service Attendants and Transportation Workers, All Other	203%	\$51,514	HIGH/HIGH	13	40	7
Transportation, Distribution, and Logistics		53-2031	Flight Attendants	60%	\$47,697	HIGH/HIGH	51	82	12
Transportation, Distribution, and Logistics		53-2012	Commercial Pilots	24%	\$87,701	HIGH/HIGH	65	80	10
Transportation, Distribution, and Logistics		53-4011	Locomotive Engineers	13%	\$65,333	HIGH/HIGH	37	41	4
Transportation, Distribution, and Logistics		53-2011	Airline Pilots, Copilots, and Flight	12%	\$198,929	HIGH/HIGH	173	193	22
Transportation, Distribution, and Logistics		53-1047	First-Line Supervisors of Transportation	10%	\$50,278	HIGH/HIGH	275	303	34
Transportation, Distribution, and Logistics		53-5031	Ship Engineers	10%	\$72,903	HIGH/HIGH	17	19	2
Transportation, Distribution, and Logistics		49-3043	Rail Car Repairers	8%	\$44,255	HIGH/HIGH	14	15	2
Transportation, Distribution, and Logistics		53-2021	Air Traffic Controllers	8%	\$149,570	HIGH/HIGH	43	47	5

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Transportation, Distribution, and Logistics		47-4061	Rail-Track Laying and Maintenance Equipment Operators	8%	\$56,238	HIGH/HIGH	13	14	1
Transportation, Distribution, and Logistics		53-3032	Heavy and Tractor-Trailer Truck Drivers	5%	\$43,665	HIGH/HIGH	1,325	1,396	162
Transportation, Distribution, and Logistics		53-5021	Captains, Mates, and Pilots of Water Vessels	3%	\$59,501	LOW/HIGH	46	48	5
Transportation, Distribution, and Logistics		53-4031	Railroad Conductors and Yardmasters	2%	\$63,392	LOW/HIGH	59	60	6
Transportation, Distribution, and Logistics		53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firemen	(3%)	\$50,812	LOW/HIGH	14	13	1
Transportation, Distribution, and Logistics		49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	(6%)	\$75,778	LOW/HIGH	24	23	2
Transportation, Distribution, and Logistics		43-5011	Cargo and Freight Agents	84%	\$37,132	HIGH/LOW	40	74	10
Transportation, Distribution, and Logistics		53-3058	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	45%	\$22,693	HIGH/LOW	268	388	50
Transportation, Distribution, and Logistics		53-3052	Bus Drivers, Transit and Intercity	35%	\$37,744	HIGH/LOW	62	84	11

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Transportation, Distribution, and Logistics		53-7061	Cleaners of Vehicles and Equipment	33%	\$23,720	HIGH/LOW	251	333	50
Transportation, Distribution, and Logistics		53-7062	Laborers and Freight, Stock, and Material Movers, Hand	24%	\$26,042	HIGH/LOW	626	777	109
Transportation, Distribution, and Logistics		53-3033	Light Truck Drivers	16%	\$24,927	HIGH/LOW	424	492	58
Transportation, Distribution, and Logistics		53-7199	Material Moving Workers, All Other	13%	\$26,797	HIGH/LOW	13	15	2
Transportation, Distribution, and Logistics		43-5032	Dispatchers, Except Police, Fire, and Ambulance	11%	\$39,356	HIGH/LOW	72	80	8
Transportation, Distribution, and Logistics		49-3093	Tire Repairers and Changers	9%	\$26,201	HIGH/LOW	99	108	13
Transportation, Distribution, and Logistics		53-3099	Motor Vehicle Operators, All Other	6%	\$27,531	HIGH/LOW	20	21	3
Transportation, Distribution, and Logistics		53-5011	Sailors and Marine Oilers	5%	\$39,264	HIGH/LOW	39	41	5
Transportation, Distribution, and Logistics		53-7051	Industrial Truck and Tractor Operators	1%	\$30,701	LOW/LOW	351	356	40

North Texas Workforce Development Area (3) Labor Market Information, 2020 - 2030

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average Employment 2030	Total Annual Openings
Transportation, Distribution, and Logistics		43-5071	Shipping, Receiving, and Inventory Clerks	1%	\$32,365	LOW/LOW	251	254	26
Transportation, Distribution, and Logistics		53-7064	Packers and Packagers, Hand	(8%)	\$18,716	LOW/LOW	332	305	46
Summary		00-0000	Total, All Occupations	4%	\$39,507	HIGH/HIGH	94,954	101,802	12,137

Data Sources

[Standard Occupational Classification \(SOC\) code, Occupational Title, Growth Rate, Median Annual Wage, Annual Average Employment Base Year and Projection Year, Annual Openings data provided by Emsi Burning Glass, 2022. Source: Emsi Burning Glass – www.economicmodeling.com](#)

Competitive Education Requirement (CER) data provided to TEA by R.C. Froeschle Consulting, as used in development of statewide programs of study list.

Notes

Under 'Growth Wage Category,' cells are highlighted green when value met or exceeded the region median value ('HIGH'); yellow when value did not meet the region median value ('LOW'); or grey when value was redacted.

Data are sorted by Career Cluster (alpha order), Program of Study (alpha order), and then Growth Wage Category (HIGH/HIGH, LOW/HIGH, HIGH/LOW, LOW/LOW). Occupations with redacted median wages are at the end of the report.

Wage data was redacted if the survey sample was insufficient.

Some occupations may belong to more than one program of study or career cluster. Cells are blank if the occupation did not have a program of study identified within the report.

[Refer to the Texas Comprehensive Local Needs Assessment Guidebook and LMI Guide for more information about how to use these data. https://tea.texas.gov/academic-career-and-military-prep/career-and-technical-education/perkins-v](https://tea.texas.gov/academic-career-and-military-prep/career-and-technical-education/perkins-v)

Competitive Education Requirement
Bachelor's degree
Bachelor's degree
Bachelor's degree
Doctoral or professional degree
Doctoral or professional degree
Bachelor's degree

Competitive Education Requirement
Bachelor's degree
Recognized Industry Credential
Recognized Industry Credential
Bachelor's degree
Recognized Industry Credential
High school diploma or equivalent
High school diploma or equivalent
Associate's degree
Master's degree
Bachelor's degree

Competitive Education Requirement
Bachelor's degree
Some College, No Degree
Associate's degree
Recognized Industry
Bachelor's degree
High school diploma or
Some College, No Degree
No formal educational
High school diploma or
Associate's degree
High school diploma or
High school diploma or

Competitive Education Requirement
No formal educational credential
High school diploma or equivalent
High school diploma or equivalent
No formal educational credential
No formal educational credential
High school diploma or equivalent
High school diploma or equivalent
Recognized Industry Credential
No formal educational credential
No formal educational credential

Competitive Education Requirement
Recognized Industry Credential
No formal educational credential
No formal educational credential
Bachelor's degree
Bachelor's degree
Associate's degree
Bachelor's degree
Recognized Industry Credential
Bachelor's degree
Recognized Industry Credential
Recognized Industry Credential
Recognized Industry Credential
Recognized Industry Credential

Competitive Education Requirement
Recognized Industry Credential
Recognized Industry Credential
Recognized Industry Credential
Recognized Industry Credential
High school diploma or equivalent
High school diploma or equivalent
No formal educational requirement
Recognized Industry Credential
High school diploma or equivalent
High school diploma or equivalent

Competitive Education Requirement
High school diploma or
Recognized Industry
Recognized Industry Credential
Bachelor's degree
High school diploma or equivalent
Recognized Industry Credential
High school diploma or equivalent
High school diploma or equivalent
Recognized Industry Credential

Competitive Education Requirement
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent
No formal educational credential
No formal educational credential
No formal educational credential
High school diploma or equivalent

Competitive Education Requirement
No formal educational credential
High school diploma or equivalent
High school diploma or equivalent
No formal educational credential
Some College, No Degree
High school diploma or equivalent
No formal educational credential
No formal educational credential
Associate's degree

Competitive Education Requirement
Recognized Industry Credential
No formal educational credential
Bachelor's degree
Associate's degree
Bachelor's degree
Bachelor's degree
Some College, No Degree
Associate's degree
Bachelor's degree
Bachelor's degree
Some College, No Degree

Competitive Education Requirement
Bachelor's degree
Bachelor's degree
Some College, No Degree
Bachelor's degree
Some College, No Degree
High school diploma or
Associate's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Some College, No Degree
Bachelor's degree

Competitive Education Requirement
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree

Competitive Education Requirement
Bachelor's degree
Some College, No Degree
Bachelor's degree
Associate's degree
Master's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree

Competitive Education Requirement
Recognized Industry Credential
Some College, No Degree
Bachelor's degree
Some College, No Degree
Recognized Industry Credential
Recognized Industry Credential
Recognized Industry Credential
Bachelor's degree
Some College, No Degree
Bachelor's degree

Competitive Education Requirement
Bachelor's degree
Associate's degree
Bachelor's degree
Some College, No Degree
Bachelor's degree
Some College, No Degree
Bachelor's degree
Some College, No Degree

Competitive Education Requirement
Some College, No Degree
High school diploma or equivalent
High school diploma or equivalent
Bachelor's degree
High school diploma or equivalent
High school diploma or equivalent
High school diploma or
High school diploma or
Some College, No Degree
High school diploma or

Competitive Education Requirement
High school diploma or
High school diploma or
Some College, No Degree
High school diploma or equivalent
Some College, No Degree
High school diploma or equivalent
Some College, No Degree
High school diploma or equivalent
High school diploma or equivalent

Competitive Education Requirement
Some College, No Degree
High school diploma or equivalent
Some College, No Degree
Some College, No Degree
High school diploma or equivalent
Some College, No Degree

Competitive Education Requirement
Associate's degree
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent
Associate's degree
High school diploma or equivalent

Competitive Education Requirement
Some College, No Degree
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent
Bachelor's degree

Competitive Education Requirement
Associate's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Master's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree

Competitive Education Requirement
Bachelor's degree
Bachelor's degree
Master's degree
Master's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Doctoral or professional
Master's degree
Master's degree
Master's degree
Some College, No Degree

Competitive Education Requirement
Some college, no degree
Bachelor's degree
Bachelor's degree
Associate's degree
High school diploma or equivalent
High school diploma or
Associate's degree
Recognized Industry Credential
High school diploma or equivalent
High school diploma or
High school diploma or

Competitive Education Requirement
High school diploma or equivalent
High school diploma or equivalent
Bachelor's degree
Bachelor's degree
Recognized Industry Credential
Bachelor's degree
Bachelor's degree
Recognized Industry Credential
High school diploma or equivalent

Competitive Education Requirement
Associate's degree
Associate's degree
Associate's degree
Associate's degree
Bachelor's degree
Recognized Industry Credential
Recognized Industry Credential
Associate's degree
Master's degree

Competitive Education Requirement
Doctoral or professional degree
Doctoral or professional
Doctoral or professional degree
Doctoral or professional degree
Doctoral or professional degree
Doctoral or professional degree
Doctoral or professional degree
Doctoral or professional degree
Doctoral or professional degree
Doctoral or professional degree

Competitive Education Requirement
Doctoral or professional degree
Doctoral or professional degree
Recognized Industry Credential
Recognized Industry Credential
Associate's degree
Recognized Industry Credential
Recognized Industry Credential
Associate's degree
Associate's degree

Competitive Education Requirement
Master's degree
Associate's degree
Master's degree
Master's degree
Master's degree
Master's degree
Bachelor's degree
Recognized Industry Credential
Master's degree

Competitive Education Requirement
Doctoral or professional degree
Recognized Industry Credential
Recognized Industry Credential
High school diploma or equivalent
High school diploma/GED
Recognized Industry Credential
Recognized Industry Credential
Associate's degree
High school diploma or equivalent

Competitive Education Requirement
Bachelor's degree
High school diploma or equivalent
High school diploma/GED
High school diploma or equivalent
Recognized Industry Credential
High school diploma or equivalent
Associate's degree
Associate's degree
Bachelor's degree

Competitive Education Requirement
Some College, No Degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
High school diploma or equivalent
High school diploma or equivalent

Competitive Education Requirement
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent
No formal educational credential
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent
Some College, No Degree

Competitive Education Requirement
No formal educational credential
High school diploma or equivalent
High school diploma or equivalent
Bachelor's degree
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent
No formal educational credential

Competitive Education Requirement
No formal educational credential
No formal educational credential
No formal educational credential
No formal educational credential
No formal educational credential
No formal educational credential
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent

Competitive Education Requirement
High school diploma or equivalent
Recognized Industry Credential
Recognized Industry Credential
Some College, No Degree
Recognized Industry Credential
Recognized Industry Credential
Master's degree
Bachelor's degree
Bachelor's degree

Competitive Education Requirement
Bachelor's degree
Some College, No Degree
Master's degree
Master's degree
Bachelor's degree
Master's degree
Bachelor's degree
Doctoral or professional degree
Master's degree
Doctoral or professional degree

Competitive Education Requirement
Bachelor's degree
Master's degree
Bachelor's degree
Associate's degree
Recognized Industry Credential
Some College, No Degree
Bachelor's degree
High school diploma or equivalent
Bachelor's degree

Competitive Education Requirement
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent
No formal educational credential
No formal educational credential
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree

Competitive Education Requirement
Bachelor's degree
Recognized Industry Credential
Associate's degree
Associate's degree
Bachelor's degree
Bachelor's degree
Associate's degree
Recognized Industry Credential
Recognized Industry Credential

Competitive Education Requirement
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Some College, No Degree
Associate's degree
Bachelor's degree
Some College, No Degree
Bachelor's degree
Some College, No Degree

Competitive Education Requirement
High school diploma or equivalent
Doctoral or professional degree
Associate's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Some College, No Degree
Some College, No Degree
Master's degree

Competitive Education Requirement
Bachelor's degree
Bachelor's degree
Doctoral or professional degree
Some College, No Degree
High school diploma or equivalent
High school diploma or equivalent
Associate's degree
Doctoral or professional degree

Competitive Education Requirement
No formal educational credential
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent
Some College, No Degree
Some College, No Degree
High school diploma or equivalent
Some College, No Degree

Competitive Education Requirement
Recognized Industry Credential
Recognized Industry Credential
Recognized Industry Credential
High school diploma or equivalent
Associate's degree
Associate's degree
Recognized Industry Credential
Associate's degree
Associate's degree

Competitive Education Requirement
Recognized Industry Credential
Recognized Industry Credential
Recognized Industry Credential
Bachelor's degree
Associate's degree
High school diploma or equivalent
High school diploma or equivalent
Recognized Industry Credential
High school diploma or equivalent

Competitive Education Requirement
Recognized Industry Credential
Bachelor's degree
Recognized Industry Credential
Associate's degree
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent
Recognized Industry Credential
High school diploma or equivalent

Competitive Education Requirement
No formal educational credential
High school diploma or equivalent
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No formal educational credential
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Competitive Education Requirement
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High school diploma or equivalent
Some College, No Degree

Competitive Education Requirement
High school diploma or equivalent
No formal educational credential
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Competitive Education Requirement
No formal educational credential
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High school diploma or equivalent
No formal educational credential
Associate's degree

Competitive Education Requirement
Bachelor's degree
Bachelor's degree
Recognized Industry Certification
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Master's degree
Bachelor's degree

Competitive Education Requirement
Bachelor's degree
Bachelor's degree
Associate's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Associate's degree

Competitive Education Requirement
Bachelor's degree
Some College, No Degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Associate's degree
Bachelor's degree
Bachelor's degree
Associate's degree

Competitive Education Requirement
Bachelor's degree
Associate's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree
Associate's degree
Recognized Industry Credential
Some College, No Degree

Competitive Education Requirement
Recognized Industry Credential
Recognized Industry Credential
Associate's degree
Associate's degree
Recognized Industry Credential
Bachelor's degree
Bachelor's degree
Bachelor's degree
Bachelor's degree

Competitive Education Requirement
Bachelor's degree
High school diploma or equivalent
Some College, No Degree
Recognized Industry Credential
Recognized Industry Credential
Bachelor's degree
Some College, No Degree
Associate's degree
High school diploma or
Associate's degree

Competitive Education Requirement
High school diploma or equivalent
Recognized Industry Credential
Associate's degree
Recognized Industry Credential
High school diploma or equivalent
Recognized Industry Credential
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent

Competitive Education Requirement
No formal educational credential
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent
High school diploma or equivalent

Competitive Education Requirement
High school diploma or equivalent
No formal educational requirement
and Total
Median value
Occupations with
career cluster.
cs/college-