			al Texas Workforce Devel				·			
							Annual	Annual		
					Median	Growth	Average	Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Agriculture, Food, and Natural	Agribusiness	13-1028	Buyers and Purchasing Agents	12%	\$72,087	LOW/HIGH	3,219	3,610	369	Bachelor's degree
Agriculture, Food, and Natural	Agribusiness	13-2071	Credit Counselors	27%	\$41,307	HIGH/LOW	354	448	41	Bachelor's degree
Agriculture, Food, and Natural	Agribusiness, Applied Agricultural Engineering, Plant	11-9013	Farmers, Ranchers, and Other Agricultural Managers	6%	\$33,224	LOW/LOW	2,133	2,270	237	Bachelor's degree
Agriculture, Food, and Natural	Animal Science	19-1029	Biological Scientists, All Other	36%	\$79,319	HIGH/HIGH	94	128	13	Bachelor's degree
Agriculture, Food, and Natural	Animal Science	19-1099	Life Scientists, All Other	29%	\$93,779	HIGH/HIGH	38	50	4	Master's degree
Agriculture, Food, and Natural	Animal Science	19-1042	Medical Scientists, Except Epidemiologists	28%	\$59,359	HIGH/HIGH	474	607	52	Doctoral or professional degree
Agriculture, Food, and Natural	Animal Science	19-1012	Food Scientists and Technologists	27%	\$71,601	HIGH/HIGH	57	72	8	Bachelor's degree
Agriculture, Food, and Natural	Animal Science	19-1031	Conservation Scientists	25%	\$55,045	HIGH/HIGH	46	58	6	Bachelor's degree
Agriculture, Food, and Natural	Animal Science	29-1131	Veterinarians	21%	\$96,963	LOW/HIGH	738	893	41	Doctoral or professional degree

	Nor	th Centr	al Texas Workforce Develo	opment A	Area (4) La	bor Market In	formation, 20	20 - 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	Competitive Education Requirement
Agriculture, Food, and Natural	Animal Science		Animal Scientists	25%	\$41,988	HIGH/LOW	16	20	2	Master's degree
Agriculture, Food, and Natural	Animal Science, Environmental and Natural Resources	19-1023	Zoologists and Wildlife Biologists	52%	\$62,421	HIGH/HIGH	15	23	2	Master's degree
Agriculture, Food, and Natural	Animal Science, Plant Science	19-1022	Microbiologists	45%	\$59,059	HIGH/HIGH	24	35	4	Master's degree
Agriculture, Food, and Natural	Applied Agricultural Engineering	49-3041	Farm Equipment Mechanics and Service Technicians	45%	\$45,377	HIGH/HIGH	214	309	35	High school diploma or equivalent
Agriculture, Food, and Natural	Applied Agricultural Engineering	49-9041	Industrial Machinery Mechanics	37%	\$52,768	HIGH/HIGH	2,616	3,587	362	Recognized Industry Credential
Agriculture, Food, and Natural	Applied Agricultural Engineering	17-1011	Architects, Except Landscape and Naval	26%	\$71,371	HIGH/HIGH	946	1,194	100	Bachelor's degree
Agriculture, Food, and Natural	Applied Agricultural Engineering	49-3042	Mobile Heavy Equipment Mechanics, Except Engines	18%	\$53,021	LOW/HIGH	1,359	1,604	169	Recognized Industry Credential
Agriculture, Food, and Natural	Applied Agricultural Engineering	49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	29%	\$36,594	HIGH/LOW	187	240	29	High school diploma or equivalent
Agriculture, Food, and Natural	Applied Agricultural Engineering	51-4121	Welders, Cutters, Solderers, and Brazers	19%	\$41,464	LOW/LOW	3,609	4,307	492	Recognized Industry Credential

	Nor	th Centr	al Texas Workforce Deve	opment A	Area (4) La	oor Market In	formation, 20	20 - 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	Competitive Education Requirement
Agriculture, Food, and Natural	Environmental and Natural Resources		Environmental Engineers	30%	\$110,894	HIGH/HIGH	149	193	17	Master's degree
Agriculture, Food, and Natural	Environmental and Natural Resources	19-2041	Environmental Scientists and Specialists, Including Health	29%	\$68,044	HIGH/HIGH	255	329	36	Bachelor's degree
Agriculture, Food, and Natural	Environmental and Natural Resources	19-4042	Environmental Science and Protection Technicians, Including Health	22%	\$49,769	LOW/HIGH	244	298	38	Associate's degree
Agriculture, Food, and Natural	Environmental and Natural Resources	17-3025	Environmental Engineering Technologists and Technicians	27%	\$44,256	HIGH/LOW	76	97	10	Associate's degree
Agriculture, Food, and Natural	Food Science and Technology	11-1021	General and Operations Managers	28%	\$99,817	HIGH/HIGH	19,050	24,367	2,320	Bachelor's degree
Agriculture, Food, and Natural	Food Science and Technology	45-2011	Agricultural Inspectors	25%	\$46,427	HIGH/HIGH	17	21	4	Bachelor's degree
Agriculture, Food, and Natural	Food Science and Technology	51-1011	First-Line Supervisors of Production and Operating Workers	16%	\$62,076	LOW/HIGH	4,106	4,778	501	Some College, No Degree
Agriculture, Food, and Natural	Food Science and Technology	19-4011	Agricultural and Food Science Technicians	22%	\$40,226	LOW/LOW	151	185	26	Associate's degree
Agriculture, Food, and Natural	Food Science and Technology	51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	2%	\$37,580	LOW/LOW	3,898	3,961	485	Recognized Industry Credential

	Nor	th Centr	al Texas Workforce Devel	opment A	Area (4) La	bor Market In	formation, 20	20 - 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	Competitive Education Requirement
Agriculture, Food, and Natural	Plant Science	19-1013	Soil and Plant Scientists	36%	\$67,755	HIGH/HIGH	44	59	7	Master's degree
Agriculture, Food, and Natural	Plant Science	19-4021	Biological Technicians	19%	\$63,751	LOW/HIGH	420	501	65	Bachelor's degree
Agriculture, Food, and Natural Resources	Plant Science	37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	15%	\$46,956	LOW/HIGH	1,221	1,406	154	Some College, No Degree
Agriculture, Food, and Natural	Plant Science	37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	14%	\$45,917	LOW/HIGH	132	151	21	High school diploma or equivalent
Agriculture, Food, and Natural	Plant Science	37-3013	Tree Trimmers and Pruners	13%	\$33,941	LOW/LOW	377	426	57	No formal educational credential
Agriculture, Food, and Natural		11-9121	Natural Sciences Managers	25%	\$115,458	HIGH/HIGH	318	399	33	Bachelor's degree
Agriculture, Food, and Natural		37-2021	Pest Control Workers	22%	\$49,642	LOW/HIGH	905	1,108	155	High school diploma or equivalent
Agriculture, Food, and Natural		19-1032	Foresters	21%	\$60,331	LOW/HIGH	38	46	5	Bachelor's degree

	NOI	tii ociiti	al Texas Workforce Devel	opinent A	41 Ca (+) La	oor market iii	normation, 20	20 - 2000		
							Annual	Annual		
					Median	Growth	Average	Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
Cluster	Program of Study	soc	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Agriculture,	1 Togram of Study	47-5051	Rock Splitters, Quarry	74%	\$38,767	HIGH/LOW	15	26	4	High school
_		47-5051	Rock Splitters, Quarry	74%	\$36,767	nign/LOW	15	20	4	
Food,										diploma or
and Natural										equivalent
Agriculture,		47-5041	Continuous Mining Machine	53%	\$44,447	HIGH/LOW	24	36	5	High school
Food,		77 3041	Operators	3370	744,447	TildriyEOW	27	30		diploma or
*			Operators							
and Natural										equivalent
Agriculture,		39-2021	Animal Caretakers	46%	\$22,147	HIGH/LOW	2,033	2,973	462	High school
Food,		33 2021	, mindred caretakers	1070	Ψ <i>L</i> 2,11,	111011, 2011	2,033	2,373	102	diploma or
and Natural										equivalent
Resources										equivalent
Agriculture,		51-3022	Meat, Poultry, and Fish Cutters	33%	\$28,497	HIGH/LOW	114	151	19	No formal
Food,			and		, -, -	, -				educational
and Natural			Trimmers							credential
Resources			Trilliniers							credential
Agriculture,		45-3031	Fishing and Hunting Workers	29%	\$35,272	HIGH/LOW	123	159	25	No formal
Food,						·				educational
and Natural										credential
Resources										Credericia
Agriculture,		37-3019	Grounds Maintenance Workers,	28%	\$40,952	HIGH/LOW	62	79	11	No formal
Food,			All Other							educational
and Natural										credential
Racourcas										
Agriculture,		45-4029	Logging Workers, All Other	27%	\$31,622	HIGH/LOW	11	14	2	High school
Food,										diploma or
and Natural										equivalent
Recources										
Agriculture,		45-4011	Forest and Conservation	26%	\$33,912	HIGH/LOW	22	28	5	Recognized
Food,			Workers							Industry
and Natural										Credential
Racourcas									_	
Agriculture,		45-4022	Logging Equipment Operators	23%	\$37,074	HIGH/LOW	49	60	9	High school
Food,										diploma or
and Natural										equivalent
Rasourcas										

	Nor	th Centr	al Texas Workforce Devel	opment A	Area (4) La	bor Market In	formation, 20	20 - 2030		
							Annual	Annual		
					Median	Growth	Average	Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment		Annual	Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
	Program or Study		•						-	-
Agriculture,		53-7081	Refuse and Recyclable Material	22%	\$37,866	LOW/LOW	983	1,202	169	No formal
Food,			Collectors							educational
and Natural										credential
Agriculturo		25 0021	Farm and Home Management	22%	\$23,609	LOW/LOW	76	93	10	Master's
Agriculture,		25-9021	_	2270	\$23,009	LOW/LOW	/6	95	10	
Food,			Educators							degree
and Natural										
Agriculture,		31-9096	Veterinary Assistants and	19%	\$26,359	LOW/LOW	981	1,167	192	High school
Food,		31 3030	Laboratory	1370	720,333	LOW/LOW	501	1,107	132	diploma or
1			•							'
and Natural			Animal Caretakers							equivalent
Agriculture,		45-2091	Agricultural Equipment	19%	\$30,234	LOW/LOW	254	301	49	No formal
Food,			Operators		+/					educational
and Natural			Sperators							credential
Resources										Credential
Agriculture,		45-2092	Farmworkers and Laborers,	17%	\$23,116	LOW/LOW	2,012	2,354	385	No formal
Food,			Crop,			,		,		educational
and Natural			Nursery, and Greenhouse							credential
Resources			rtarsery, and Greenmouse							Credericia:
Agriculture,		45-1011	First-Line Supervisors of	16%	\$35,512	LOW/LOW	176	205	30	High school
Food,			Farming, Fishing,							diploma or
and Natural			and Forestry Workers							equivalent
Racourcas			· ·							· ·
Agriculture,		29-2056	Veterinary Technologists and	16%	\$32,154	LOW/LOW	1,614	1,878	150	Associate's
Food,			Technicians							degree
and Natural										
Racourcas										
Agriculture,		41-2022	Parts Salespersons	16%	\$27,392	LOW/LOW	2,428	2,807	350	High school
Food,										diploma or
and Natural										equivalent
Recources		45 4001		4.40/	444.000	1 0 1 1 1 0 1 1 1	25	10		
Agriculture,		45-4021	Fallers	14%	\$41,888	LOW/LOW	35	40	6	High school
Food,										diploma or
and Natural										equivalent
Resources										

					Median	Growth	Annual Average	Annual Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
Cluster	Program of Study	500	Occupational Title		Wage	_	2020	2030		
	Program of Study	SOC		Rate		Category			Openings	Requirement
Agriculture,		49-9092	Commercial Divers	13%	\$44,444	LOW/LOW	29	33	4	Recognized
Food,										Industry
and Natural										Credential
Agriculture,		45-2041	Graders and Sorters,	12%	\$24,530	LOW/LOW	147	164	25	No formal
Food,			Agricultural			•				educational
and Natural			Products							credential
Racourcac										
Agriculture,		51-3021	Butchers and Meat Cutters	9%	\$23,208	LOW/LOW	1,349	1,475	178	Recognized
Food,										Industry
and Natural										Credential
Agriculture,		51-8031	Water and Wastewater	9%	\$41,185	LOW/LOW	608	664	64	Recognized
Food,		31-0031	Treatment Plant	3/0	341,103	LOVV/LOVV	008	004	04	Industry
and Natural										Credential
Rasourcas			and System Operators							Credential
Agriculture,		45-2093	Farmworkers, Farm, Ranch, and	8%	\$24,559	LOW/LOW	896	970	157	No formal
Food,			Aquacultural Animals							educational
and Natural										credential
Recources										
Agriculture,		47-5022	Excavating and Loading	8%	\$42,824	LOW/LOW	655	708	90	High school
Food,			Machine and							diploma or
and Natural			Dragline Operators, Surface							equivalent
Agriculture,		45-2099	Agricultural Workers, All Other	7%	\$22,110	LOW/LOW	256	273	45	No formal
Food,		75 2055	Agriculturur Workers, Air Other	770	722,110	LOW/LOW	250	2/3	43	educational
and Natural										credential
Resources										creacitiai
Agriculture,		47-5097	Earth Drillers, Except Oil and	(3%)	\$38,651	LOW/LOW	253	245	31	High school
Food,			Gas; and							diploma or
and Natural			Explosives Workers, Ordnance							equivalent
Resources			Handling							
Architecture and	Architectural Design	27-1025	Interior Designers	29%	\$49,851	HIGH/HIGH	745	963	99	Bachelor's
Construction										degree

	Nort	th Centr	al Texas Workforce Devel	opment A	Area (4) La	bor Market In	formation, 20	20 - 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	Competitive Education Requirement
Architecture and Construction	Architectural Design	17-1011	Architects, Except Landscape and Naval	26%	\$71,371	HIGH/HIGH	946	1,194	100	Bachelor's degree
Architecture and Construction	Architectural Design	17-1021	Cartographers and Photogrammetrists	25%	\$72,369	HIGH/HIGH	80	100	10	Bachelor's degree
Architecture and Construction	Architectural Design	17-3011	Architectural and Civil Drafters	18%	\$52,173	LOW/HIGH	973	1,149	118	Associate's degree
Architecture and Construction	Architectural Design, Construction Management and	11-9021	Construction Managers	29%	\$70,950	HIGH/HIGH	5,746	7,420	636	Bachelor's degree
Architecture and Construction		47-2031	Carpenters	18%	\$38,182	LOW/LOW	7,048	8,336	845	Recognized Industry Credential
Architecture and Construction	Carpentry, Construction Management and Inspection, Electrical, HVAC and Sheet Metal, Masonry, Plumbing and	13-1051	Cost Estimators	15%	\$60,863	LOW/HIGH	1,609	1,858	180	Bachelor's degree
Architecture and Construction	Construction Management and Inspection	47-4011	Construction and Building Inspectors	18%	\$57,159	LOW/HIGH	929	1,097	134	Recognized Industry Credential
Architecture and Construction		49-2098	Security and Fire Alarm Systems Installers	38%	\$46,644	HIGH/HIGH	479	662	76	Recognized Industry Credential
Architecture and Construction	Electrical	47-2111	Electricians	25%	\$45,749	HIGH/HIGH	5,432	6,796	764	Recognized Industry Credential

							Annual	Annual		
State Career				Growth	Median Annual	Growth Wage	Average Employment	Average	Total Annual	Competitive Education
Cluster	Program of Study	soc	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Architecture and			Telecommunications Equipment		\$59,620	LOW/HIGH	1,661	2,020	241	Recognized
Construction			Installers and Repairers, Except Line Installers		4 00,020	2011,111011	2,002	_,,,,		Industry Credential
Architecture and	Electrical	49-9051	Electrical Power-Line Installers	16%	\$55,310	LOW/HIGH	663	767	74	Recognized
Construction			and Renairers							Industry Credential
Architecture and	Electrical	49-9052	Telecommunications Line	15%	\$47,867	LOW/HIGH	1,611	1,849	213	Recognized
Construction			Installers and							Industry Credential
Architecture and	Electrical	49-2097	Audiovisual Equipment	18%	\$35,424	LOW/LOW	290	342	39	Recognized
Construction			Installers and							Industry
Architecture and	HVAC and Sheet Metal	47-2211	Renairers Sheet Metal Workers	23%	\$45,532	HIGH/HIGH	1,051	1,290	133	Credential High school
Construction					, -,	, ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,		diploma or
				0=0/	4		0.100	0.000		equivalent
	HVAC and Sheet Metal	49-9021	Heating, Air Conditioning, and	25%	\$44,955	HIGH/LOW	2,480	3,098	326	Recognized
Construction			Refrigeration Mechanics and							Industry Credential
Architecture and	Masonry	47-2021	Brickmasons and Blockmasons	5%	\$45,889	LOW/HIGH	718	754	78	High school
Construction	,									diploma or
										equivalent
Architecture and	Masonry	47-2051	Cement Masons and Concrete	12%	\$39,412	LOW/LOW	2,458	2,750	269	No formal
Construction			Finishers							educational credential
Architecture and	Plumbing and	47-2152	Plumbers, Pipefitters, and	20%	\$47,082	LOW/HIGH	3,902	4,682	515	Recognized
Construction	Pipefitting		Steamfitters							Industry
Architecture and	Dlumbing and	47-3015	HelpersPipelayers, Plumbers,	15%	\$30,874	LOW/LOW	630	724	90	Credential High school
Construction	Pipefitting	47-3013	Pipefitters, and Steamfitters	13/0	350,674	LOVV/LOVV	030	/24	30	diploma or
Constituction	i ipeniting		i ipenitiers, and steamilitiers							equivalent
Architecture and	Plumbing and	47-2151	Pipelayers	(12%)	\$36,761	LOW/LOW	340	298	33	High school
Construction	Pipefitting									diploma or
										equivalent

	NOF	ui Centr	al Texas Workforce Develo	pinient <i>F</i>	Area (4) La	DOF WARKET IN				
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	Competitive Education Requirement
Architecture and Construction		47-4021	Elevator and Escalator Installers and Repairers	57%	\$79,232	HIGH/HIGH	153	239	29	Recognized Industry Credential
Architecture and Construction		17-1012	Landscape Architects	29%	\$49,430	HIGH/HIGH	127	164	14	Bachelor's degree
Architecture and Construction		17-2051	Civil Engineers	28%	\$86,025	HIGH/HIGH	1,685	2,159	184	Bachelor's degree
Architecture and Construction		51-8021	Stationary Engineers and Boiler Operators	23%	\$50,805	HIGH/HIGH	111	137	17	Recognized Industry Credential
Architecture and Construction		49-9096	Riggers	22%	\$48,305	LOW/HIGH	264	321	35	High school diploma or equivalent
Architecture and Construction		49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and	19%	\$65,322	LOW/HIGH	108	129	11	Recognized Industry Credential
Architecture and Construction		53-7021	Crane and Tower Operators	18%	\$61,199	LOW/HIGH	459	540	60	Recognized Industry Credential
Architecture and Construction		53-7031	Dredge Operators	9%	\$47,316	LOW/HIGH	414	450	60	High school diploma or
Architecture and Construction		47-2072	Pile Driver Operators	7%	\$53,246	LOW/HIGH	53	57	6	High school diploma or equivalent
Architecture and Construction		49-9045	Refractory Materials Repairers, Except Brickmasons	4%	\$60,228	LOW/HIGH	41	43	4	High school diploma or
Architecture and Construction		53-7041	Hoist and Winch Operators	1%	\$46,324	LOW/HIGH	266	269	34	High school diploma or equivalent

							Annual	Annual		
					Median	Growth	Average	Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment		Annual	Education
Cluster	Program of Study	soc	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Architecture and	Trogram or ottal		Floor Layers, Except Carpet,	39%	\$38,848	HIGH/LOW	154	214	21	No formal
Construction		77 2042	Wood, and	3370	750,040	manytow	154	214	2.1	educational
Construction			Hard Tiles							credential
Architecture and		47-2132	Insulation Workers, Mechanical	38%	\$43,587	HIGH/LOW	233	321	37	High school
Construction			, i			·				diploma or
										equivalent
Architecture and		49-9011	Mechanical Door Repairers	34%	\$38,076	HIGH/LOW	278	373	36	High school
Construction										diploma or
										equivalent
Architecture and		47-3016	HelpersRoofers	30%	\$37,455	HIGH/LOW	42	54	7	No formal
Construction										educational
Architactura and		47 4041	Hazardous Materials Removal	30%	\$41,931	HICH/I OW	278	360	47	credential
Architecture and		47-4041		30%	\$41,931	HIGH/LOW	2/8	360	47	High school
Construction			Workers							diploma or
Architecture and		47-2121	Glaziers	28%	\$37,877	HIGH/LOW	616	788	92	High school
Construction		,	Gidziers	2070	ψ37,677	111011, 2011	010	, 00	32	diploma or
Construction										equivalent
Architecture and		53-7011	Conveyor Operators and	28%	\$31,331	HIGH/LOW	139	178	23	Some College,
Construction			Tenders							No Degree
Architecture and		47-4031	Fence Erectors	27%	\$38,171	HIGH/LOW	145	184	20	No formal
Construction					, ,	- , -				educational
										credential
Architecture and		49-9071	Maintenance and Repair	24%	\$38,011	HIGH/LOW	9,812	12,211	1,271	High school
Construction			Workers,							diploma or
			General							equivalent
Architecture and		47-3012	HelpersCarpenters	24%	\$35,328	HIGH/LOW	125	155	20	No formal
Construction										educational
A l		47 2224		220/	¢44.462	111611/1011	020	4 026	447	credential
Architecture and		47-2221	Structural Iron and Steel	23%	\$41,162	HIGH/LOW	839	1,036	117	High school
Construction			Workers							diploma or
Architecture and		47-2171	Reinforcing Iron and Rebar	23%	\$44,375	HIGH/LOW	494	608	64	equivalent High school
Construction		7, 21/1	Workers	23/0	744,373	THOIT/LOW	7.54		04	diploma or
Construction			VVOINCIS							equivalent

	Nor	th Centr	al Texas Workforce Develo	opment A	Area (4) La	bor Market In	formation, 20	20 - 2030		
					a. !!		Annual	Annual		
					Median	Growth	Average	Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Architecture and		47-4071	Septic Tank Servicers and Sewer	22%	\$32,155	LOW/LOW	77	94	12	No formal
Construction			Pipe							educational
			Cleaners							credential
Architecture and		47-2181	Roofers	22%	\$36,764	LOW/LOW	841	1,027	109	No formal
Construction										educational
		47.0000	0. 15	220/	420 760	1 0 1 1 1 0 1 1	207	252	2.5	credential
Architecture and		17-3022	Civil Engineering Technologists	22%	\$39,760	LOW/LOW	287	350	36	Associate's
Construction			and							degree
Architecture and		49-9098	Technicians HelpersInstallation,	21%	\$32,954	LOW/LOW	822	999	134	High school
Construction		43-3036	Maintenance, and	21/0	<i>\$32,934</i>	LOVV/LOVV	022	999	134	diploma or
Construction			Renair Workers							equivalent
Architecture and		47-4051	Highway Maintenance Workers	18%	\$35,932	LOW/LOW	615	728	80	High school
Construction		.,	gg,asee.se	20/0	+ + + + + + + + + + + + + + + + + + +		025	5		diploma or
Construction										equivalent
Architecture and		47-2044	Tile and Stone Setters	17%	\$34,429	LOW/LOW	566	664	63	No formal
Construction										educational
										credential
Architecture and		47-3019	Helpers, Construction Trades,	17%	\$36,269	LOW/LOW	349	409	51	No formal
Construction			All Other							educational
										credential
Architecture and		47-4098	Miscellaneous Construction and	17%	\$36,286	LOW/LOW	277	323	40	High school
Construction			Related							diploma or
		0= 0044	Workers	.=0/	400.00					equivalent
Architecture and		37-3011	1 0	17%	\$30,480	LOW/LOW	11,047	12,890	1,735	No formal
Construction			Groundskeeping							educational
Architecture and		47-2043	Workers Floor Sanders and Finishers	16%	\$36,472	LOW/LOW	90	105	10	credential No formal
		47-2043	Floor Sanders and Finishers	10%	\$30,472	LOW/LOW	90	103	10	
Construction										educational
Architecture and		47-2061	Construction Laborers	16%	\$33,956	LOW/LOW	12,753	14,814	1,558	credential No formal
Construction		., 2001	2550 400.011 24001013	1370	400,000	2011/2011	12,733	1,014	1,550	educational
Construction										credential
Architecture and		47-3013	HelpersElectricians	15%	\$32,893	LOW/LOW	867	1,000	124	High school
Construction						,				diploma or
										equivalent

	Nor	th Centr	al Texas Workforce Develo	opment A	Area (4) La	bor Market In	formation, 20	20 - 2030		
							Annual	Annual		
					Median	Growth	Average	Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Architecture and		47-2131	Insulation Workers, Floor,	15%	\$41,079	LOW/LOW	172	198	21	High school
Construction			Ceiling, and							diploma or
			Wall							equivalent
Architecture and		47-2161	Plasterers and Stucco Masons	13%	\$43,184	LOW/LOW	130	147	14	No formal
Construction										educational
		47.04.44		440/	422.050	1 0 1 1 1 0 1 1	0.747	2 242	204	credential
Architecture and		47-2141	Painters, Construction and	11%	\$33,860	LOW/LOW	2,717	3,019	281	No formal
Construction			Maintenance							educational
Architecture and		47-2081	Drywall and Ceiling Tile	10%	\$39,026	LOW/LOW	636	702	64	credential No formal
Construction		17 2001	Installers	2070	433,020	2011/2011		, 02	0.	educational
Construction			mstancis							credential
Architecture and		47-2071	Paving, Surfacing, and Tamping	10%	\$40,795	LOW/LOW	370	409	45	High school
Construction			Equipment Operators							diploma or
										equivalent
Architecture and		49-9012	Control and Valve Installers and	10%	\$34,314	LOW/LOW	609	671	59	Recognized
Construction			Repairers, Except Mechanical							Industry
			Door							Credential
Architecture and		51-2041	Structural Metal Fabricators and	10%	\$37,247	LOW/LOW	598	655	72	High school
Construction			Fitters							diploma or
										equivalent
Architecture and		47-2073	Operating Engineers and Other	10%	\$42,996	LOW/LOW	3,291	3,606	397	High school
Construction			Construction Equipment							diploma or
A l. '1		47 2022	Onerators	00/	622.420	1 0 1 1 / 1 0 1 1 /	476	402	20	equivalent
Architecture and		47-2022	Stonemasons	9%	\$33,128	LOW/LOW	176	192	20	High school
Construction										diploma or
Architecture and		49-9031	Home Appliance Repairers	7%	\$38,096	LOW/LOW	372	398	40	equivalent Recognized
Construction				,,,	+00,000		0.2			Industry
										Credential
Architecture and		47-3011	HelpersBrickmasons,	6%	\$35,750	LOW/LOW	151	161	21	No formal
Construction			Blockmasons,							educational
			Stonemasons, and Tile and							credential
			Marble							
			Cottors							

	Nor	th Centr	al Texas Workforce Develo	opment A	Area (4) La	oor Market In	formation, 20	20 - 2030		
							Annual	Annual		
					Median	Growth	Average	Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Architecture and		47-2041	Carpet Installers	4%	\$35,466	LOW/LOW	223	231	22	No formal
Construction										educational
					4					credential
Architecture and		47-2053	Terrazzo Workers and Finishers	3%	\$33,077	LOW/LOW	47	48	5	High school
Construction										diploma or
Architecture and		47-3014	HelpersPainters,	2%	\$28,281	LOW/LOW	104	106	13	equivalent No formal
Construction		77 3014	Paperhangers,	270	720,201	2011/2011	104	100	15	educational
			Plasterers, and Stucco Masons							credential
Architecture and		49-9095	Manufactured Building and	(4%)	\$28,472	LOW/LOW	46	44	5	High school
Construction			Mobile Home							diploma or
		1= 0000	Installers	(00()	4.0.000				_	equivalent
Architecture and		47-2082	Tapers	(9%)	\$40,289	LOW/LOW	54	49	5	No formal
Construction										educational credential
Architecture and		47-2142	Paperhangers	(13%)	\$35,833	LOW/LOW	24	21	2	High school
Construction				(==,,,	, ,				_	diploma or
										equivalent
Arts,	Design and Multi	27-1024	Graphic Designers	25%	\$48,422	HIGH/HIGH	2,100	2,619	265	Bachelor's
Audio/Visual	Media Arts									degree
Technology, and										
Communications										
Arts,	Design and Multi	27-1014	Special Effects Artists and	28%	\$36,693	HIGH/LOW	273	351	40	Bachelor's
Audio/Visual	Media Arts		Animators			•				degree
Technology, and										
Communications										
Arts,	Design and Multi	27-1027	Set and Exhibit Designers	17%	\$34,701	LOW/LOW	249	290	29	Bachelor's
Audio/Visual	Media Arts	2, 102,	Set and Exhibit Designers	1770	934,701		243	250	2.5	degree
Technology, and	TTOGIC / II LO									acg. cc
Communications										

	Nor	th Centr	al Texas Workforce Devel	opment A	Area (4) Lal	oor Market In				
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	Competitive Education Requirement
Arts, Audio/Visual Technology, and Communications	Digital Communications		Camera Operators, Television, Video, and Film	57%	\$47,416	HIGH/HIGH	176	277	31	Bachelor's degree
Arts, Audio/Visual Technology, and Communications	Digital Communications	27-4032	Film and Video Editors	57%	\$46,995	HIGH/HIGH	234	368	42	Bachelor's degree
Arts, Audio/Visual Technology, and Communications	Digital Communications	27-4014	Sound Engineering Technicians	36%	\$46,659	HIGH/HIGH	113	154	17	Associate's degree
Arts, Audio/Visual Technology, and Communications	Digital Communications	27-4011	Audio and Video Technicians	39%	\$37,937	HIGH/LOW	540	751	84	Associate's degree
Arts, Audio/Visual Technology, and Communications	Printing and Imaging	27-1011	Art Directors	26%	\$46,425	HIGH/HIGH	635	799	89	Bachelor's degree
Arts, Audio/Visual Technology, and Communications	Printing and Imaging	43-9031	Desktop Publishers	19%	\$51,499	LOW/HIGH	51	60	7	Associate's degree

	Nor	th Centr	al Texas Workforce Devel	opment A	trea (4) La	oor Market In				
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	Competitive Education Requirement
Arts, Audio/Visual Technology, and Communications	Printing and Imaging		Printing Press Operators	21%	\$39,824	LOW/LOW	974	1,177	138	High school diploma or equivalent
Arts, Audio/Visual Technology, and Communications		39-5091	Makeup Artists, Theatrical and Performance	59%	\$70,812	HIGH/HIGH	22	35	4	Recognized Industry Credential
Arts, Audio/Visual Technology, and Communications		27-2012	Producers and Directors	47%	\$60,949	HIGH/HIGH	606	890	92	Bachelor's degree
Arts, Audio/Visual Technology, and Communications		27-4098	Lighting Technicians and Media and Communication Equipment Workers, All Other	46%	\$61,195	HIGH/HIGH	74	109	12	Associate's degree
Arts, Audio/Visual Technology, and Communications		27-2031	Dancers	42%	\$46,574	HIGH/HIGH	54	77	13	High school diploma or equivalent
Arts, Audio/Visual Technology, and Communications		27-1021	Commercial and Industrial Designers	19%	\$68,529	LOW/HIGH	208	247	25	Bachelor's degree

	NOI	ui Genti	al Texas Workforce Develo	phileiit F	11 50 (4) Lai	JOI WAIREL III	Annual	20 - 2030 Annual		
State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Average Employment 2020	Average	Total Annual Openings	Competitive Education Requirement
Arts, Audio/Visual Technology, and Communications	· ·		Musicians and Singers	17%	\$63,186	LOW/HIGH	1,717	2,012	245	Some College, No Degree
Arts, Audio/Visual Technology, and Communications		27-2041	Music Directors and Composers	15%	\$56,571	LOW/HIGH	585	675	82	Bachelor's degree
Arts, Audio/Visual Technology, and Communications		27-3041	Editors	13%	\$45,755	LOW/HIGH	588	664	70	Bachelor's degree
Arts, Audio/Visual Technology, and Communications		27-1019	Artists and Related Workers, All Other	48%	\$24,811	HIGH/LOW	138	204	24	Some College, No Degree
Arts, Audio/Visual Technology, and Communications		27-4021	Photographers	45%	\$38,848	HIGH/LOW	1,731	2,511	273	Some College, No Degree
Arts, Audio/Visual Technology, and Communications		27-2032	Choreographers	43%	\$40,725	HIGH/LOW	14	20	3	Some College, No Degree

	NOF	ın Centr	al Texas Workforce Devel	opment A	rea (4) La	oor Market in				
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	Competitive Education Requirement
Arts, Audio/Visual Technology, and Communications	,		Camera and Photographic Equipment Repairers	41%	\$37,243	HIGH/LOW	17	24	3	Associate's degree
Arts, Audio/Visual Technology, and Communications		27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	40%	\$19,255	HIGH/LOW	542	759	88	Bachelor's degree
Arts, Audio/Visual Technology, and Communications		27-2099	Miscellaneous Entertainers and Performers, Sports and Related Workers	38%	\$37,107	HIGH/LOW	307	423	52	Some College, No Degree
Arts, Audio/Visual Technology, and Communications		27-3099	Media and Communication Workers, All Other	37%	\$22,691	HIGH/LOW	126	172	19	Associate's degree
Arts, Audio/Visual Technology, and Communications		27-2011	Actors	35%	\$44,856	HIGH/LOW	211	285	34	Some College, No Degree
Arts, Audio/Visual Technology, and Communications		27-1012	Craft Artists	34%	\$11,033	HIGH/LOW	226	303	34	Some College, No Degree

	Nor	th Centr	al Texas Workforce Devel	opment A	Area (4) La	bor Market In	formation, 20	20 - 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	Competitive Education Requirement
Arts, Audio/Visual Technology, and Communications	Program or Study		Broadcast Technicians	30%	\$31,951	HIGH/LOW	76	100	11	Associate's degree
Arts, Audio/Visual Technology, and Communications		27-3043	Writers and Authors	19%	\$43,875	LOW/LOW	1,115	1,332	139	Bachelor's degree
Arts, Audio/Visual Technology, and Communications		51-5111	Prepress Technicians and Workers	12%	\$38,337	LOW/LOW	136	152	22	Recognized Industry Credential
Arts, Audio/Visual Technology, and Communications		27-3011	Broadcast Announcers and Radio Disc Jockeys	12%	\$35,275	LOW/LOW	111	124	14	Bachelor's degree
Arts, Audio/Visual Technology, and Communications		27-3023	News Analysts, Reporters, and Journalists	(0%)	\$42,413	LOW/LOW	170	170	20	Bachelor's degree
Business, Marketing, and	Accounting and Financial Services	13-2052	Personal Financial Advisors	63%	\$83,441	HIGH/HIGH	2,011	3,273	322	Bachelor's degree
Finance Business, Marketing, and Finance	Accounting and Financial Services	43-4011	Brokerage Clerks	46%	\$51,487	HIGH/HIGH	530	774	98	Some College, No Degree

	Nort	h Centr	al Texas Workforce Devel	lopment A	Area (4) La	oor Market In	formation, 20	20 - 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	Competitive Education Requirement
Business, Marketing, and Finance	Accounting and Financial Services	15-2011	Actuaries	45%	\$110,291	HIGH/HIGH	194	281	22	Bachelor's degree
Business, Marketing, and Finance	Accounting and Financial Services	41-3031	Securities, Commodities, and Financial Services Sales Agents	45%	\$62,921	HIGH/HIGH	4,419	6,396	671	Bachelor's degree
Business, Marketing, and Finance	Accounting and Financial Services	11-3031	Financial Managers	43%	\$142,090	HIGH/HIGH	4,776	6,828	621	Bachelor's degree
Business, Marketing, and Finance	Accounting and Financial Services	13-1031	Claims Adjusters, Examiners, and	41%	\$68,243	HIGH/HIGH	2,770	3,908	371	Some College, No Degree
Business, Marketing, and Finance	Accounting and Financial Services	13-2053	Insurance Underwriters	41%	\$62,900	HIGH/HIGH	1,261	1,776	162	Bachelor's degree
Business, Marketing, and Finance	Accounting and Financial Services	13-2098	Financial and Investment Analysts, Financial Risk Specialists, and Financial	37%	\$77,953	HIGH/HIGH	4,397	6,016	559	Bachelor's degree
Business, Marketing, and Finance	Accounting and Financial Services	13-2072	Loan Officers	30%	\$76,535	HIGH/HIGH	2,745	3,576	333	Bachelor's degree
Business, Marketing, and Finance	Accounting and Financial Services	13-2011	Accountants and Auditors	26%	\$73,225	HIGH/HIGH	10,150	12,756	1,269	Bachelor's degree
Business, Marketing, and Finance	Accounting and Financial Services	13-2041	Credit Analysts	24%	\$73,957	HIGH/HIGH	992	1,230	120	Bachelor's degree
Business, Marketing, and Finance	Accounting and Financial Services, Business Management	11-3011	Administrative Services and Facilities Managers	26%	\$93,563	HIGH/HIGH	2,551	3,212	302	Bachelor's degree
Business, Marketing, and Einance	Business Management	15-2031	Operations Research Analysts	47%	\$86,599	HIGH/HIGH	1,020	1,498	130	Bachelor's degree

	Nort	h Centr	al Texas Workforce Devel	opment A	Area (4) La	oor Market In	formation, 20	20 - 2030		
					Median	Growth	Annual Average	Annual Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Business, Marketing, and Finance	Business Management	13-1141	Compensation, Benefits, and Job Analysis Specialists	32%	\$62,558	HIGH/HIGH	703	925	95	Bachelor's degree
Business, Marketing, and Finance	Business Management	13-1071	Human Resources Specialists	30%	\$63,536	HIGH/HIGH	4,513	5,885	629	Bachelor's degree
Business, Marketing, and Finance	Business Management	13-1151	Training and Development Specialists	30%	\$67,213	HIGH/HIGH	2,670	3,464	360	Bachelor's degree
Business, Marketing, and Finance	Business Management	11-3131	Training and Development Managers	26%	\$122,472	HIGH/HIGH	299	376	38	Bachelor's degree
Business, Marketing, and	Business Management	11-3121	Human Resources Managers	26%	\$124,173	HIGH/HIGH	1,204	1,512	140	Bachelor's degree
Business, Marketing, and Finance	Business Management	43-1011	First-Line Supervisors of Office and Administrative Support Workers	18%	\$58,097	LOW/HIGH	11,608	13,732	1,468	Some College, No Degree
Business, Marketing, and Finance	Business Management	43-4161	Human Resources Assistants, Except Payroll and Timekeening	16%	\$43,618	LOW/LOW	799	926	99	Associate's degree
Business, Marketing, and Finance	Business Management, Entrepreneurship	13-1111	Management Analysts	31%	\$92,355	HIGH/HIGH	6,600	8,631	895	Master's degree
Business, Marketing, and Finance	Business Management, Entrepreneurship	11-1021	General and Operations Managers	28%	\$99,817	HIGH/HIGH	19,050	24,367	2,320	Bachelor's degree
Business, Marketing, and Finance	Entrepreneurship	11-9198	Personal Service Managers, All Other; Entertainment and Recreation Managers, Except Gambling; and Managers, All	30%	\$69,417	HIGH/HIGH	8,046	10,497	916	Bachelor's degree

	Nor	th Centr	al Texas Workforce Devel	opment A	Area (4) La	oor Market In	formation, 20	20 - 2030		
State Career				Growth	Median Annual	Growth Wage	Annual Average Employment	Annual Average Employment	Total Annual	Competitive Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Business, Marketing, and Finance	Entrepreneurship	11-1011	Chief Executives	30%	\$165,557	HIGH/HIGH	1,547	2,005	168	Bachelor's degree
Business, Marketing, and Finance	Marketing and Sales	41-3021	Insurance Sales Agents	57%	\$64,573	HIGH/HIGH	7,557	11,863	1,317	Recognized Industry Credential
Business, Marketing, and Finance	Marketing and Sales	13-1161	Market Research Analysts and Marketing Specialists	45%	\$73,732	HIGH/HIGH	4,519	6,538	741	Bachelor's degree
Business, Marketing, and Finance	Marketing and Sales	41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and	24%	\$61,036	HIGH/HIGH	9,615	11,928	1,284	Some College, No Degree
Business, Marketing, and Finance	Marketing and Sales	11-3061	Purchasing Managers	22%	\$131,850	LOW/HIGH	598	730	64	Bachelor's degree
Business, Marketing, and Finance	Marketing and Sales	41-1011	First-Line Supervisors of Retail Sales Workers	13%	\$38,844	LOW/LOW	12,734	14,362	1,599	Some College, No Degree
Business, Marketing, and Finance		13-1032	Insurance Appraisers, Auto Damage	51%	\$57,887	HIGH/HIGH	324	490	48	Associate's degree
Business, Marketing, and Finance		27-1022	Fashion Designers	50%	\$48,744	HIGH/HIGH	110	166	18	Bachelor's degree
Business, Marketing, and Einance		23-2093	Title Examiners, Abstractors, and	39%	\$50,950	HIGH/HIGH	551	768	85	Some College, No Degree
Business, Marketing, and Finance		43-3099	Financial Clerks, All Other	37%	\$51,500	HIGH/HIGH	256	351	42	Some College, No Degree
Business, Marketing, and Einance		13-1011	Agents and Business Managers of Artists, Performers, and Athletes	28%	\$58,577	HIGH/HIGH	101	130	16	Bachelor's degree

	Nor	th Centr	al Texas Workforce Develo	opment A	Area (4) La	oor Market In	formation, 20	20 - 2030		
State Career				Growth	Median Annual	Growth Wage	Annual Average Employment	Annual Average Employment	Total Annual	Competitive Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Business, Marketing, and Finance		11-2031	Public Relations and Fundraising Managers	28%	\$109,095	HIGH/HIGH	551	704	70	Bachelor's degree
Business, Marketing, and Finance		41-9021	Real Estate Brokers	28%	\$62,937	HIGH/HIGH	1,251	1,596	158	Recognized Industry Credential
Business, Marketing, and Finance		11-2022	Sales Managers	27%	\$134,691	HIGH/HIGH	3,392	4,305	413	Bachelor's degree
Business, Marketing, and Finance		11-3111	Compensation and Benefits Managers	27%	\$116,781	HIGH/HIGH	137	174	15	Bachelor's degree
Business, Marketing, and Finance		13-2082	Tax Preparers	26%	\$54,920	HIGH/HIGH	664	839	102	Recognized Industry Credential
Business, Marketing, and Finance		41-9022	Real Estate Sales Agents	26%	\$50,806	HIGH/HIGH	5,154	6,512	641	Recognized Industry Credential
Business, Marketing, and Finance		13-1198	Project Management Specialists and Business Operations Specialists,	26%	\$81,442	HIGH/HIGH	12,313	15,554	1,333	Bachelor's degree
Business, Marketing, and Finance		13-1075	Labor Relations Specialists	26%	\$56,062	HIGH/HIGH	120	151	16	Bachelor's degree
Business, Marketing, and Finance		41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services,	26%	\$56,827	HIGH/HIGH	8,079	10,165	1,242	Bachelor's degree
Business, Marketing, and Finance		27-3031	Public Relations Specialists	24%	\$54,138	HIGH/HIGH	2,404	2,988	304	Bachelor's degree
Business, Marketing, and Finance		41-9012	Models	24%	\$46,623	HIGH/HIGH	45	55	10	High school diploma or equivalent

	Nor	th Centr	al Texas Workforce Devel	opment A	Area (4) La	bor Market In	formation, 20	20 - 2030		
							Annual	Annual		
					Median	Growth	Average	Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Business,		13-2031	Budget Analysts	23%	\$75,640	HIGH/HIGH	335	410	36	Bachelor's
Marketing, and										degree
Finance										
Business,		41-1012	First-Line Supervisors of Non-	16%	\$70,281	LOW/HIGH	3,127	3,637	356	Some College,
Marketing, and			Retail Sales		, -, -	, -				No Degree
Finance			Workers							No Degree
Business,		43-3061	Procurement Clerks	14%	\$47,349	LOW/HIGH	474	543	53	Associate's
Marketing, and		45 5001	Trocurent cieres	1470	Ç47,545	2011/111011	1,1	343		degree
Finance										uegree
Business,		43-6012	Legal Secretaries and	10%	\$54,055	LOW/HIGH	713	782	91	Some College,
·		45-0012	Administrative	1070	754,055	LOVV/IIIGII	713	762	J1	No Degree
Marketing, and										No Degree
Finance Business,		43-3051	Assistants Payroll and Timekeeping Clerks	7%	\$45,437	LOW/HIGH	923	990	106	Some College,
· '		45-3031	rayion and innereeping cierks	/ /0	\$45,457	LOW/HIGH	923	990	100	
Marketing, and										No Degree
Finance		44 2011	Advantising Cales Assets	6%	¢47.070	LOW/HIGH	568	604	80	Carra Callaga
Business,		41-3011	Advertising Sales Agents	6%	\$47,979	LOW/HIGH	508	604	80	Some College,
Marketing, and										No Degree
Finance		12 6011	F	20/	ć=7.220	1004/111011	2.405	2.544	202	C C . II
Business,		43-6011	Executive Secretaries and	3%	\$57,228	LOW/HIGH	3,405	3,514	393	Some College,
Marketing, and			Executive							No Degree
Finance			Administrative Assistants	1011						
Business,		43-5021	Couriers and Messengers	49%	\$28,513	HIGH/LOW	1,136	1,688	192	High school
Marketing, and										diploma or
Finance										equivalent
Business,		43-9041	Insurance Claims and Policy	42%	\$38,976	HIGH/LOW	3,197	4,554	506	High school
Marketing, and			Processing							diploma or
Finance			Clerks							equivalent
Business,		53-3031	Driver/Sales Workers	37%	\$30,532	HIGH/LOW	4,340	5,931	718	High school
Marketing, and										diploma or
Finance										equivalent
Business,		43-4021	Correspondence Clerks	36%	\$36,507	HIGH/LOW	86	117	14	High school
Marketing, and										diploma or
Finance										equivalent
Business,		43-9199	Office and Administrative	30%	\$38,450	HIGH/LOW	1,301	1,692	204	Some College,
Marketing, and			Support							No Degree
Finance			Workers All Other							

	Nor	th Centr	al Texas Workforce Devel	opment A	Area (4) La	bor Market In	formation, 20	20 - 2030		
							Annual	Annual		
					Median	Growth	Average	Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
	Dunament of Chiefe	606	Occupational Title				' '	' '		
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Business,		43-4171	Receptionists and Information	28%	\$29,314	HIGH/LOW	6,711	8,575	1,148	High school
Marketing, and			Clerks							diploma or
Finance										equivalent
Business,		43-4199	Information and Record Clerks,	26%	\$37,398	HIGH/LOW	1,055	1,325	155	Some College,
Marketing, and			All Other							No Degree
Finance										
Business,		43-4131	Loan Interviewers and Clerks	25%	\$42,942	HIGH/LOW	2,772	3,462	355	Associate's
Marketing, and										degree
Finance										
Business,		41-9099	Sales and Related Workers, All	22%	\$27,458	LOW/LOW	2,043	2,497	338	Some College,
Marketing, and			Other			,		·		No Degree
Finance										
Business,		43-4051	Customer Service	22%	\$36,232	LOW/LOW	26,634	32,554	4,370	High school
Marketing, and			Representatives		, , -	, -		, , , , ,	,	diploma or
Finance			nepresentatives							equivalent
Business,		43-6013	Medical Secretaries and	22%	\$34,810	LOW/LOW	6,278	7,672	892	Some College,
Marketing, and			Administrative		70.,020		,	.,		No Degree
Finance			Assistants							NO DEGICE
Business,		41-2021	Counter and Rental Clerks	21%	\$28,662	LOW/LOW	2,786	3,375	405	High school
Marketing, and				,	4 20,002	2011,2011		,,,,,		diploma or
Finance										equivalent
Business,		41-9011	Demonstrators and Product	20%	\$34,352	LOW/LOW	615	739	134	High school
Marketing, and		11 3011	Promoters	2070	ψ3 1,33 <u>2</u>	2011,2011	013	, 55	13.	diploma or
•			riomoters							equivalent
Finance Business,		53-7065	Stockers and Order Fillers	20%	\$29,742	LOW/LOW	18,541	22,244	3,562	High school
Marketing, and		33-7003	Stockers and Order Tillers	2070	723,742	LOVV/LOVV	10,541	22,244	3,302	diploma or
•										I .
Finance Business,		53_6021	Automotive and Watercraft	20%	\$26,174	LOW/LOW	1,220	1,461	206	equivalent High school
,		55-0031		20/0	720,174	LOVV/LOVV	1,220	1,401	200	-
Marketing, and			Service							diploma or
Finance Business		12_1011	Attendants Credit Authorizers, Checkers,	20%	\$44,374	LOW/LOW	281	336	36	Some College,
Business,		45-4041		20%	344,374	LOVV/LOVV	701	330	30	
Marketing, and			and Clerks							No Degree
Finance		42 2024	Dooldsooning Assessman	170/	¢40.720	1004/1004	12.444	14 507	1 715	Cama Callaga
Business,		43-3031	Bookkeeping, Accounting, and	17%	\$40,720	LOW/LOW	12,444	14,587	1,715	Some College,
Marketing, and			Auditing							No Degree
Finance			Clerks							

	NOF	tn Centr	al Texas Workforce Devel	opment <i>F</i>	rea (4) La	oor warket in	Annual	20 - 2030 Annual	I	
State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Average	Total Annual Openings	Competitive Education Requirement
Business, Marketing, and Finance		43-9081	Proofreaders and Copy Markers	17%	\$38,606	LOW/LOW	32	38	5	Bachelor's degree
Business, Marketing, and Finance		27-1026	Merchandise Displayers and Window Trimmers	16%	\$27,448	LOW/LOW	1,900	2,201	216	Some College, No Degree
Business, Marketing, and		43-4121	Library Assistants, Clerical	16%	\$26,999	LOW/LOW	452	524	82	Some College, No Degree
Finance Business, Marketing, and Finance		43-9061	Office Clerks, General	16%	\$33,508	LOW/LOW	24,391	28,215	3,404	High school diploma or equivalent
Business, Marketing, and Finance		41-2031	Retail Salespersons	15%	\$24,406	LOW/LOW	35,732	41,198	5,931	High school diploma or
Business, Marketing, and Finance		43-2021	Telephone Operators	14%	\$41,796	LOW/LOW	13	15	2	High school diploma or
Business, Marketing, and Finance		43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	14%	\$28,221	LOW/LOW	821	934	112	High school diploma or
Business, Marketing, and Finance		43-3071		14%	\$34,058	LOW/LOW	2,975	3,385	391	High school diploma or
Business, Marketing, and Finance		43-3011	Bill and Account Collectors	12%	\$38,084	LOW/LOW	3,295	3,675	423	High school diploma or equivalent
Business, Marketing, and Finance		43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and	12%	\$36,341	LOW/LOW	13,823	15,419	1,741	High school diploma or equivalent
Business, Marketing, and Finance		27-1023	Floral Designers	10%	\$25,464	LOW/LOW	306	335	34	High school diploma or equivalent

	Nor	th Centr	al Texas Workforce Deve	lopment A	Area (4) La	bor Market In	formation, 20	20 - 2030		
							Annual	Annual		
					Median	Growth	Average	Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
	Program or Study									
Business,		43-4141	New Accounts Clerks	9%	\$38,225	LOW/LOW	693	757	79	High school
Marketing, and										diploma or
Finance		42 4071	File Clerks	8%	\$36,935	LOW/LOW	766	825	100	equivalent High school
Business,		43-40/1	rile Clerks	070	\$50,955	LOW/LOW	700	025	100	_
Marketing, and										diploma or
Finance Business,		/2 /1E1	Order Clerks	7%	\$30,842	LOW/LOW	1,311	1,408	157	equivalent High school
Marketing, and		45-4151	Order Clerks	//0	\$30,642	LOVV/LOVV	1,511	1,400	157	diploma or
_										equivalent
Finance Business,		41-9041	Telemarketers	4%	\$31,198	LOW/LOW	950	983	151	High school
Marketing, and		71 3071	reiemarketers	470	731,130	LOW/LOW	330	303	131	diploma or
Finance										equivalent
Business,		43-9071	Office Machine Operators,	2%	\$35,155	LOW/LOW	450	460	53	High school
Marketing, and		1.0 3072	Except	=/5	+ + + + + + + + + + + + + + + + + + +	2011,2011				diploma or
Finance			Computer							equivalent
Business,		43-9021	Data Entry Keyers	(3%)	\$33,291	LOW/LOW	1,787	1,731	198	High school
Marketing, and				(333)	, , -	, -	, -	, -		diploma or
Finance										equivalent
Business,		41-9091	Door-to-Door Sales Workers,	(17%)	\$31,090	LOW/LOW	773	639	91	High school
Marketing, and			News and							diploma or
Finance			Street Vendors, and Related							equivalent
			Morkers							
Business,		43-9022	Word Processors and Typists	(18%)	\$40,882	LOW/LOW	106	88	11	High school
Marketing, and										diploma or
Finance										equivalent
Education and	Early Learning	25-2051	Special Education Teachers,	38%	\$57,759	HIGH/HIGH	63	87	8	Bachelor's
Training			Preschool							degree
Education and	Early Learning	25-2052	Special Education Teachers,	25%	\$57,097	HIGH/HIGH	1,596	2,000	169	Bachelor's
Training			Kindergarten							degree
			and Flementary School							
Education and	Early Learning	25-2021	Elementary School Teachers,	23%	\$56,667	HIGH/HIGH	13,915	17,099	1,417	Bachelor's
Training			Except							degree
			Special Education					2		
Education and	Early Learning	11-9032	Education Administrators,	22%	\$82,543	LOW/HIGH	3,023	3,691	305	Master's
Training			Kindergarten							degree
			through Secondary							

	Nor	th Centr	al Texas Workforce Devel	opment A	Area (4) La	bor Market In	formation, 20	20 - 2030		
State Career				Growth	Median Annual	Growth Wage	Annual Average Employment	Annual Average Employment	Total Annual	Competitive Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Education and Training	Early Learning	25-2012	Kindergarten Teachers, Except Special Education	20%	\$55,710	LOW/HIGH	1,728	2,077	223	Bachelor's degree
Education and Training	Early Learning	27-3091	Interpreters and Translators	46%	\$45,149	HIGH/LOW	702	1,022	113	Bachelor's degree
Education and Training	Early Learning	25-2011	Preschool Teachers, Except Special Education	17%	\$30,532	LOW/LOW	4,297	5,031	535	Associate's degree
Education and Training	Early Learning	11-9031	Education and Childcare Administrators, Preschool and Daycare	10%	\$44,139	LOW/LOW	488	538	42	Bachelor's degree
Education and Training	Early Learning, Teaching and Training	25-2058	Special Education Teachers, Secondary School	23%	\$56,483	HIGH/HIGH	1,452	1,789	150	Bachelor's degree
Education and Training	Teaching and Training	25-2059	Special Education Teachers, All Other	31%	\$54,533	HIGH/HIGH	204	268	23	Bachelor's degree
Education and Training	Teaching and Training	25-2057	Special Education Teachers, Middle	23%	\$56,914	HIGH/HIGH	786	968	81	Bachelor's degree
Education and Training	Teaching and Training	25-2031	Secondary School Teachers, Except Special and Career/Technical	23%	\$56,937	HIGH/HIGH	10,562	12,997	1,031	Bachelor's degree
Education and Training	Teaching and Training	25-2032	Career/Technical Education Teachers, Secondary School	19%	\$57,940	LOW/HIGH	1,232	1,467	114	Bachelor's degree
Education and Training	Teaching and Training	25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second	12%	\$50,468	LOW/HIGH	293	328	40	Bachelor's degree
Education and Training		19-3094	Political Scientists	71%	\$84,497	HIGH/HIGH	11	19	2	Master's degree
Education and Training		11-9039	Education Administrators, All Other	35%	\$62,023	HIGH/HIGH	393	531	47	Master's degree

	Nor	th Centr	al Texas Workforce Develo	pment A	Area (4) La	bor Market In	formation, 20	20 - 2030		
							Annual	Annual		
					Median	Growth	Average	Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Education and		25-4011	Archivists	32%	\$51,485	HIGH/HIGH	40	53	6	Master's
Training										degree
Education and		25-4012	Curators	30%	\$50,141	HIGH/HIGH	46	60	7	Master's
Training						·				degree
Education and		21-1012	Educational, Guidance, and	26%	\$58,174	HIGH/HIGH	2,632	3,311	341	Master's
Training			Career			·		,		degree
			Counselors and Advisors							
Education and		25-9031	Instructional Coordinators	25%	\$59,942	HIGH/HIGH	2,129	2,655	275	Master's
Training										degree
Education and		25-4022	Librarians and Media Collections	23%	\$57,679	HIGH/HIGH	932	1,149	118	Master's
Training			Specialists							degree
Education and		25-2022	Middle School Teachers, Except	22%	\$56,986	LOW/HIGH	6,416	7,855	649	Bachelor's
Training			Special							degree
			and Career/Technical Education							
Education and		11-9033	Education Administrators,	22%	\$85,943	LOW/HIGH	1,024	1,252	106	Master's
Training			Postsecondary							degree
Education and		25-1099	Postsecondary Teachers	22%	\$60,479	LOW/HIGH	12,422	15,115	1,623	Doctoral or
Training										professional
										degree
Education and		25-2023	Career/Technical Education	21%	\$57,399	LOW/HIGH	185	224	18	Bachelor's
Training			Teachers,							degree
			Middle School	2221	40-00-		0= -			
Education and		19-4061	Social Science Research	38%	\$35,267	HIGH/LOW	254	349	46	Bachelor's
Training		25 2024	Assistants	2.50/	427.044		2.020	2.000	40.4	degree
Education and		25-3021	Self-Enrichment Teachers	36%	\$37,014	HIGH/LOW	2,938	3,986	494	Some College,
Training										No Degree
Education and		25-9099	Educational Instruction and	35%	\$30,241	HIGH/LOW	748	1,010	108	Bachelor's
Training			Library							degree
			Workers All Other							
Education and		25-3097	Tutors and Teachers and	33%	\$33,127	HIGH/LOW	2,818	3,751	464	Bachelor's
Training			Instructors, All							degree
Education and		25-9045	Other Teaching Assistants, Except	26%	\$21,883	HIGH/LOW	8,717	10,953	1,111	Some college,
		23 3043		2070	721,003	111311/1000	0,717	10,555	1,111	
Training			Postsecondary							no degree

	Nort	h Centr	al Texas Workforce Devel	opment A	Area (4) La	bor Market In	formation, 20	20 - 2030		
							Annual	Annual		
					Median	Growth	Average	Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
Cluster	Program of Study	soc	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Education and		25-3031	Substitute Teachers, Short-Term	25%	\$21,595	HIGH/LOW	7,308	9,131	1,106	Bachelor's
Training								·		degree
Education and		25-9044	Teaching Assistants,	23%	\$17,498	HIGH/LOW	1,505	1,846	190	Bachelor's
Training			Postsecondary		, ,	, -	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,		degree
Education and		25-4031	Library Technicians	21%	\$29,431	LOW/LOW	343	416	62	Associate's
Training					7-07:0-					degree
Energy	Oil and Gas Exploration	47-5012	Rotary Drill Operators, Oil and	(22%)	\$49,369	LOW/HIGH	134	104	15	High school
2116187	and Production	, , ,	Gas	(2270)	Ų 13,303	2011/111011	10.	10.	15	diploma or
	and i roddetion		Gas							equivalent
Energy	Oil and Gas Exploration	47-5098	Underground Mining Machine	32%	\$43,069	HIGH/LOW	24	32	5	High school
Lifeigy	and Production	47-3038		32/0	743,003	Tildii/LOW	24	32	, ,	diploma or
	and Production		Operators							
			and Extraction Workers, All							equivalent
Energy	Oil and Gas Exploration	/7-5∩ Q 1	HelpersExtraction Workers	(21%)	\$29,949	LOW/LOW	166	131	18	High school
Energy		47-3081	TielpersExtraction Workers	(21/0)	\$25,545	LOW/LOW	100	131	10	_
	and Production									diploma or
	Refining and Chemical	F1 0002	Datualarum Druman Cristana	27%	\$77,052	HIGH/HIGH	223	283	32	equivalent Associate's
Energy	_	21-9093	Petroleum Pump System	2/70	\$77,052	півп/півп	223	203	32	
	Processes		Operators,							degree
			Refinery Operators, and							
Enormy	Refining and Chemical	E1 0012	Power Plant Operators	6%	\$68,526	LOW/HIGH	144	153	16	Recognized
Energy		21-9013	Power Plant Operators	0%	300,320	LOW/HIGH	144	155	10	_
	Processes									Industry
Enormy	Refining and Chemical	E1 0002	Cas Plant Operators	3%	\$66,300	LOW/HIGH	118	121	14	Credential High school
Energy		31-8092	Gas Plant Operators	3%	\$66,500	LOW/HIGH	110	121	14	_
	Processes									diploma or
Fn over /		F2 7072	Mallhood Duranas	220/	ĆEO 201	IIICII/IIICII	101	220	20	equivalent
Energy		53-7073	Wellhead Pumpers	32%	\$59,381	HIGH/HIGH	181	239	30	High school
										diploma or
F		F4 0042	Davier Distribute of a d	007	¢70.004	1004/111011	00	0.7	10	equivalent
Energy		51-8012	Power Distributors and	8%	\$79,064	LOW/HIGH	90	97	10	Recognized
			Dispatchers							Industry
_		F0 7071		(5 0()	460.006	1.004/1400		7.0	10	Credential
Energy		53-7071	Gas Compressor and Gas	(5%)	\$62,320	LOW/HIGH	80	76	10	High school
			Pumping							diploma or
<u> </u>			Station Operators							equivalent

State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	2030	Total Annual Openings	Competitive Education Requirement
Energy		47-5011	Derrick Operators, Oil and Gas	(19%)	\$46,508	LOW/HIGH	53	43	6	High school diploma or equivalent
Energy		51-8011	Nuclear Power Reactor Operators	(49%)	\$80,295	LOW/HIGH	175	89	13	Recognized Industry Credential
Energy		53-7072	Pump Operators, Except Wellhead Pumpers	(3%)	\$34,356	LOW/LOW	696	678	78	High school diploma or equivalent
Energy		47-5013	Service Unit Operators, Oil and Gas	(4%)	\$38,857	LOW/LOW	387	370	50	High school diploma or equivalent
Energy		47-5071	Roustabouts, Oil and Gas	(10%)	\$40,437	LOW/LOW	468	421	58	High school diploma or equivalent
Health Science	Exercise Science and Wellness	29-9091	Athletic Trainers	31%	\$54,729	HIGH/HIGH	235	308	26	Bachelor's degree
Health Science	Exercise Science and Wellness	29-1128	Exercise Physiologists	25%	\$45,927	HIGH/HIGH	139	173	14	Master's degree
Health Science	Exercise Science and Wellness	39-9031	Exercise Trainers and Group Fitness Instructors	74%	\$38,347	HIGH/LOW	2,883	5,029	803	Recognized Industry Credential
Health Science	Exercise Science and Wellness	27-2022	Coaches and Scouts	45%	\$39,423	HIGH/LOW	1,820	2,633	382	Bachelor's degree
Health Science	Exercise Science and Wellness	29-1125	Recreational Therapists	12%	\$41,404	LOW/LOW	120	134	11	Bachelor's degree
Health Science	Exercise Science and Wellness, Healthcare	29-1031	Dietitians and Nutritionists	29%	\$57,545	HIGH/HIGH	355	458	37	Bachelor's degree
Health Science	Health Informatics	11-9111	Medical and Health Services Managers	39%	\$96,081	HIGH/HIGH	2,625	3,637	338	Bachelor's degree

State Career			al Texas Workforce Develo	Growth	Median Annual	Growth Wage	Annual Average Employment	Annual Average Employment	Total Annual	Competitive Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Health Science	Health Informatics	29-9098	Health Information Technologists, Medical Registrars, Surgical Assistants, and Healthcare Practitioners and	31%	\$64,054	HIGH/HIGH	360	471	40	Recognized Industry Credential
Health Science	Health Informatics	43-3021	Billing and Posting Clerks	19%	\$37,514	LOW/LOW	3,839	4,584	509	High school diploma or equivalent
Health Science	Healthcare Diagnostics	29-2032	Diagnostic Medical Sonographers	37%	\$68,574	HIGH/HIGH	320	438	38	Associate's degree
Health Science	Healthcare Diagnostics	29-2018		29%	\$50,919	HIGH/HIGH	1,746	2,253	184	Bachelor's degree
Health Science	Healthcare Diagnostics	29-2035	Magnetic Resonance Imaging Technologists	27%	\$70,341	HIGH/HIGH	210	267	23	Associate's degree
Health Science	Healthcare Diagnostics	29-2033	Nuclear Medicine Technologists	27%	\$76,539	HIGH/HIGH	43	55	5	Associate's degree
Health Science	Healthcare Diagnostics	29-2034	Radiologic Technologists and Technicians	25%	\$56,601	HIGH/HIGH	825	1,034	86	Associate's degree
Health Science	Healthcare Diagnostics	29-2031	Cardiovascular Technologists and Technicians	18%	\$49,943	LOW/HIGH	264	312	25	Associate's degree
Health Science	Healthcare Diagnostics	31-9097	Phlebotomists	46%	\$33,372	HIGH/LOW	595	867	113	Recognized Industry Credential
Health Science	Healthcare Diagnostics	29-2057	Ophthalmic Medical Technicians	33%	\$30,271	HIGH/LOW	472	625	55	Recognized Industry Credential
Health Science	Healthcare Diagnostics, Healthcare	29-1292	Dental Hygienists	45%	\$86,743	HIGH/HIGH	1,615	2,343	198	Associate's degree

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	Competitive Education Requirement
Health Science	Healthcare Therapeutic	29-1029	Dentists, All Other Specialists	59%	\$179,844	HIGH/HIGH	25	40	2	Doctoral or professional degree
Health Science	Healthcare Therapeutic	29-1023	Orthodontists	54%	\$203,328	HIGH/HIGH	30	47	3	Doctoral or professional
Health Science	Healthcare Therapeutic	19-1041	Epidemiologists	52%	\$67,641	HIGH/HIGH	32	48	4	Doctoral or professional degree
Health Science	Healthcare Therapeutic	29-1081	Podiatrists	51%	\$119,304	HIGH/HIGH	46	69	6	Doctoral or professional degree
Health Science	Healthcare Therapeutic	29-1071	Physician Assistants	43%	\$101,475	HIGH/HIGH	842	1,204	93	Master's degree
Health Science	Healthcare Therapeutic	29-2091	Orthotists and Prosthetists	36%	\$62,806	HIGH/HIGH	197	268	24	Master's degree
Health Science	Healthcare Therapeutic	29-1022	Oral and Maxillofacial Surgeons	35%	\$188,021	HIGH/HIGH	33	45	2	Doctoral or professional degree
Health Science	Healthcare Therapeutic	29-1021	Dentists, General	33%	\$203,486	HIGH/HIGH	1,437	1,913	94	Doctoral or professional degree
Health Science	Healthcare Therapeutic	29-1223	Psychiatrists	32%	\$190,028	HIGH/HIGH	127	167	8	Doctoral or professional
Health Science	Healthcare Therapeutic	29-1221	Pediatricians, General	29%	\$177,278	HIGH/HIGH	60	78	4	Doctoral or professional degree
Health Science	Healthcare Therapeutic	29-1181	Audiologists	29%	\$83,885	HIGH/HIGH	33	43	3	Doctoral or professional degree
Health Science	Healthcare Therapeutic	29-1041	Optometrists	28%	\$111,637	HIGH/HIGH	391	500	25	Doctoral or professional degree

					Median	Growth	Annual Average	Annual Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Health Science	Healthcare Therapeutic	29-1228	Physicians, All Other; and Ophthalmologists, Except Pediatric	26%	\$189,726	HIGH/HIGH	1,942	2,437	109	Doctoral or professional degree
Health Science	Healthcare Therapeutic	29-2055	Surgical Technologists	20%	\$48,159	LOW/HIGH	513	614	50	Recognized Industry Credential
Health Science	Healthcare Therapeutic	29-1215	Family Medicine Physicians	19%	\$185,624	LOW/HIGH	753	897	37	Doctoral or professional degree
Health Science	Healthcare Therapeutic	29-1248	Surgeons, Except Ophthalmologists	18%	\$191,599	LOW/HIGH	222	262	11	Doctoral or professional degree
Health Science	Healthcare Therapeutic	29-1211	Anesthesiologists	18%	\$189,984	LOW/HIGH	156	184	8	Doctoral or professional degree
Health Science	Healthcare Therapeutic	29-1216	General Internal Medicine Physicians	17%	\$98,254	LOW/HIGH	255	297	12	Doctoral or professional degree
Health Science	Healthcare Therapeutic	29-1051	Pharmacists	14%	\$114,375	LOW/HIGH	2,003	2,281	111	Doctoral or professional degree
Health Science	Healthcare Therapeutic	29-1218	Obstetricians and Gynecologists	11%	\$103,771	LOW/HIGH	171	189	7	Doctoral or professional degree
Health Science	Healthcare Therapeutic	31-9091	Dental Assistants	39%	\$44,839	HIGH/LOW	3,528	4,892	639	Recognized Industry Credential
Health Science	Healthcare Therapeutic	31-9092	Medical Assistants	32%	\$31,900	HIGH/LOW	5,853	7,722	980	Recognized Industry
Health Science	Healthcare Therapeutic	29-2098	Medical Dosimetrists, Medical Records Specialists, and Health Technologists and	23%	\$40,973	HIGH/LOW	1,864	2,292	189	Associate's degree

	Nor	th Centr	al Texas Workforce Develo	opment A	Area (4) La	bor Market In	formation, 20	20 - 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	Competitive Education Requirement
Health Science	Healthcare Therapeutic	29-2052	Pharmacy Technicians	21%	\$34,205	LOW/LOW	3,477	4,191	343	Recognized Industry Credential
Health Science	Healthcare Therapeutic, Medical	31-2011	Occupational Therapy Assistants	15%	\$67,004	LOW/HIGH	401	463	59	Associate's degree
Health Science	Medical Therapy	29-1126	Respiratory Therapists	25%	\$61,394	HIGH/HIGH	620	777	48	Associate's degree
Health Science	Medical Therapy	29-1127	Speech-Language Pathologists	25%	\$63,798	HIGH/HIGH	1,797	2,242	163	Master's degree
Health Science	Medical Therapy	31-2021	Physical Therapist Assistants	16%	\$76,454	LOW/HIGH	738	858	106	Associate's degree
Health Science	Medical Therapy	29-1124	Radiation Therapists	15%	\$80,269	LOW/HIGH	149	172	11	Associate's degree
Health Science	Medical Therapy	29-1122	Occupational Therapists	13%	\$86,065	LOW/HIGH	886	999	64	Master's degree
Health Science	Medical Therapy	29-1123	Physical Therapists	10%	\$92,463	LOW/HIGH	1,620	1,785	91	Master's degree
Health Science	Nursing Science	29-1171	Nurse Practitioners	66%	\$101,803	HIGH/HIGH	1,128	1,869	152	Master's degree
Health Science	Nursing Science	29-1151	Nurse Anesthetists	43%	\$160,233	HIGH/HIGH	130	187	14	Master's degree
Health Science	Nursing Science	29-1161	Nurse Midwives	33%	\$91,627	HIGH/HIGH	36	48	3	Master's degree
Health Science	Nursing Science	29-1141	Registered Nurses	18%	\$72,713	LOW/HIGH	13,612	16,106	1,026	Bachelor's degree
Health Science	Nursing Science	29-2061	Licensed Practical and Licensed Vocational Nurses	13%	\$47,633	LOW/HIGH	4,724	5,353	447	Recognized Industry Credential
Health Science		29-1011	Chiropractors	42%	\$80,063	HIGH/HIGH	558	793	39	Doctoral or professional degree

	NOI	un Centr	al Texas Workforce Devel	opment A	Area (4) La	DOF WATKEL III	Annual	20 - 2030 Annual		
State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Average Employment 2020	Average	Total Annual Openings	Competitive Education Requirement
Health Science	,		Acupuncturists and Healthcare Diagnosing or Treating Practitioners, All Other	41%	\$56,329	HIGH/HIGH	201	284	23	Master's degree
Health Science		29-1129	Therapists, All Other	39%	\$63,394	HIGH/HIGH	238	331	28	Bachelor's degree
Health Science		51-9081	Dental Laboratory Technicians	34%	\$47,024	HIGH/HIGH	220	294	41	Recognized Industry Credential
Health Science		21-1091	Health Education Specialists	30%	\$52,308	HIGH/HIGH	236	306	35	Bachelor's degree
Health Science		29-2092	Hearing Aid Specialists	18%	\$51,886	LOW/HIGH	116	136	11	Recognized Industry Credential
Health Science		51-9083	Ophthalmic Laboratory Technicians	31%	\$33,496	HIGH/LOW	424	554	77	High school diploma or
Health Science		31-1128	Home Health and Personal Care Aides	27%	\$20,855	HIGH/LOW	17,218	21,858	3,196	High school diploma or
Health Science		31-9099	Healthcare Support Workers, All Other	24%	\$39,913	HIGH/LOW	592	736	95	High school diploma or
Health Science		29-2081	Opticians, Dispensing	24%	\$36,985	HIGH/LOW	800	993	90	Recognized Industry Credential
Health Science		29-2053	Psychiatric Technicians	23%	\$33,470	HIGH/LOW	378	464	39	Recognized Industry Credential
Health Science		31-9093	Medical Equipment Preparers	23%	\$34,646	HIGH/LOW	253	310	40	High school diploma or
Health Science		31-1133	Psychiatric Aides	19%	\$24,999	LOW/LOW	131	156	20	equivalent High school diploma/GED

	Nor	th Centr	al Texas Workforce Devel	opment A	Area (4) La	bor Market In	formation, 20	20 - 2030		
							Annual	Annual		
					Median	Growth	Average	Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment		Annual	Education
Cluster	Program of Study	500	Occupational Title	Rate			2020	2030	Openings	
	Program of Study	SOC	· · · · · · · · · · · · · · · · · · ·		Wage	Category			-	Requirement
Health Science		31-1132	Orderlies	18%	\$25,256	LOW/LOW	109	128	16	High school
Health Science		20-2051	Dietetic Technicians	12%	\$26,103	LOW/LOW	132	148	12	diploma/GED Associate's
Health Science		29-2031	Dietetic recimicians	12/0	\$20,103	LOVV/LOVV	132	140	12	degree
Health Science		31-9094	Medical Transcriptionists	12%	\$35,262	LOW/LOW	368	412	60	Recognized
			The area of the ar	22/0	+ + + + + + + + + + + + + + + + + + +	2011,2011				Industry
										Credential
Health Science		31-1131	Nursing Assistants	12%	\$28,743	LOW/LOW	6,150	6,873	867	Recognized
										Industry
										Credential
Health Science		31-9095	Pharmacy Aides	3%	\$24,749	LOW/LOW	198	204	28	High school
										diploma or
		24 2042	0 171	20/	420.250	1 0 1 1 / 1 0 1 1	10	4.7		equivalent
Health Science		31-2012	Occupational Therapy Aides	2%	\$30,269	LOW/LOW	46	47	6	Recognized
										Industry
Health Science		31-2022	Physical Therapist Aides	(1%)	\$25,700	LOW/LOW	719	713	87	Credential Recognized
Ticaltii Scicilec		31 2022	Thysical Therapist Alaes	(170)	723,700	LOW/LOW	713	713	0,	Industry
										Credential
Hospitality and	Culinary Arts	35-1011	Chefs and Head Cooks	62%	\$50,746	HIGH/HIGH	724	1,173	163	Associate's
Tourism	,							·		degree
Hospitality and	Culinary Arts	35-1012	First-Line Supervisors of Food	46%	\$31,627	HIGH/LOW	7,902	11,530	1,776	High school
Tourism			Preparation and Serving							diploma or
			Workers							equivalent
Hospitality and	Culinary Arts	19-4011	Agricultural and Food Science	22%	\$40,226	LOW/LOW	151	185	26	Associate's
Tourism	Culinam Auto Ladaina	11 0051	Technicians	440/	¢50.053	IIICH /IIICH	2.100	2.002	277	degree
Hospitality and	Culinary Arts, Lodging	11-9051	Food Service Managers	41%	\$50,852	HIGH/HIGH	2,186	3,082	377	Some College,
Tourism	and Resort									No Degree
Hospitality and	Management Culinary Arts, Lodging	13-1121	Meeting, Convention, and Event	39%	\$48,013	HIGH/HIGH	846	1,175	136	Bachelor's
Tourism	and Resort	15 1121	Planners	3370	Ψ+0,013	111311/111311		1,175	150	degree
Tourisin	Management		Trainier 3							acgi cc
Hospitality and	Culinary Arts, Lodging	11-1021	General and Operations	28%	\$99,817	HIGH/HIGH	19,050	24,367	2,320	Bachelor's
Tourism	and Resort		Managers							degree
	Management		_							_

	Nor	th Centr	al Texas Workforce Develo	pment A	Area (4) La	bor Market In	formation, 20	20 - 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	Competitive Education Requirement
			·							
Hospitality and	Lodging and Resort	11-9081	Lodging Managers	63%	\$50,721	HIGH/HIGH	308	503	62	Bachelor's
Tourism	Management	11 2011	Administrative Services and	26%	\$93,563	HIGH/HIGH	2,551	3,212	302	degree Bachelor's
Hospitality and Tourism	Lodging and Resort Management	11-5011	Facilities Managers	20%	595,505	півп/півп	2,551	3,212	302	degree
Hospitality and	Travel, Tourism, and	13-1161	Market Research Analysts and	45%	\$73,732	HIGH/HIGH	4,519	6,538	741	Bachelor's
Tourism	Attractions		Marketing Specialists		, ,	,	,	,		degree
Hospitality and Tourism	Travel, Tourism, and Attractions	11-2021	Marketing Managers	31%	\$137,135	HIGH/HIGH	1,992	2,615	255	Bachelor's degree
Hospitality and	Travel, Tourism, and	13-1131	Fundraisers	30%	\$57,503	HIGH/HIGH	479	621	66	Bachelor's
Tourism	Attractions			30,0	407,000			V		degree
Hospitality and	Travel, Tourism, and	11-2011	Advertising and Promotions	25%	\$90,955	HIGH/HIGH	148	185	20	Bachelor's
Tourism	Attractions		Managers							degree
Hospitality and		27-2021	Athletes and Sports Competitors	49%	\$94,711	HIGH/HIGH	125	185	27	Some College,
Tourism										No Degree
Hospitality and		39-1013	First-Line Supervisors of	48%	\$46,020	HIGH/HIGH	24	35	4	Some College,
Tourism			Gambling Services Workers							No Degree
Hospitality and		43-4181	Reservation and Transportation	36%	\$50,012	HIGH/HIGH	314	427	52	High school
Tourism			Ticket Agents and Travel Clerks							diploma or
Hospitality and		11-9071	Gambling Managers	31%	\$49,546	HIGH/HIGH	35	46	4	Some College,
Tourism										No Degree
Hospitality and		39-3092	Costume Attendants	103%	\$31,334	HIGH/LOW	12	25	5	High school
Tourism										diploma or
Hospitality and		35-2014	Cooks, Restaurant	87%	\$26,211	HIGH/LOW	9,972	18,664	2,864	High school
Tourism						·			·	diploma or
Hospitality and		35-3011	Bartenders	84%	\$18,600	HIGH/LOW	2,125	3,919	662	High school
Tourism										diploma or
										equivalent
Hospitality and		39-3093	Locker Room, Coatroom, and	79%	\$24,914	HIGH/LOW	62	111	23	High school
Tourism			Dressing							diploma or
			Room Attendants							equivalent

					Median	Growth	Annual Average	Annual Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment		Annual	Education
Cluster	Program of Study	soc	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
	Frogram or Study		-						-	
Hospitality and		39-3091	Amusement and Recreation	77%	\$19,726	HIGH/LOW	1,548	2,746	563	High school
Tourism			Attendants							diploma or
Hospitality and		35-9031	Hosts and Hostesses,	71%	\$20,247	HIGH/LOW	2,289	3,924	857	equivalent High school
Tourism		33-3031	Restaurant, Lounge,	7170	720,247	Tildii/LOW	2,283	3,324	657	diploma or
Tourisiii			and Coffee Shop							equivalent
Hospitality and		43-4081	Hotel, Motel, and Resort Desk	71%	\$25,021	HIGH/LOW	1,452	2,488	410	High school
Tourism		15 1001	Clerks	7 1 70	Ų23,021	111011,2011	1,132	2,100	1.10	diploma or
100115111			SICI NO							equivalent
Hospitality and		39-6011	Baggage Porters and Bellhops	70%	\$25,705	HIGH/LOW	82	139	19	High school
Tourism						·				diploma or
										equivalent
Hospitality and		39-3031	Ushers, Lobby Attendants, and	66%	\$22,178	HIGH/LOW	698	1,160	243	High school
Tourism			Ticket							diploma or
			Takers							equivalent
Hospitality and		35-9021	Dishwashers	62%	\$21,084	HIGH/LOW	2,535	4,110	671	No formal
Tourism										educational
										credential
Hospitality and		35-9011	Dining Room and Cafeteria	61%	\$19,802	HIGH/LOW	3,301	5,300	923	No formal
Tourism			Attendants							educational
			and Bartender Helners	=00/	4.00.0		1= 0=0			credential
Hospitality and		35-3031	Waiters and Waitresses	58%	\$18,318	HIGH/LOW	17,072	26,939	5,125	High school
Tourism										diploma or
Hospitality and		35-9099	Food Droporation and Coming	57%	Ć10 7F2	HIGH/LOW	490	768	134	equivalent No formal
		33-9099	Food Preparation and Serving Related	3/70	\$18,753	nign/LOW	490	708	154	
Tourism										educational
Hospitality and		39-3012	Workers, All Other Gambling and Sports Book	50%	\$33,490	HIGH/LOW	34	51	8	credential High school
Tourism		33 3012	Writers and	3070	755,450	THOTTLOW	54	J1	U	diploma or
Tourisiii			Runners							equivalent
Hospitality and		39-3011	Gambling Dealers	48%	\$29,245	HIGH/LOW	62	91	14	High school
Tourism			0 11 312		, , , , , ,	,,===:				diploma or
										equivalent
Hospitality and		39-6012	Concierges	43%	\$32,700	HIGH/LOW	275	392	53	High school
Tourism			_							diploma or
									<u> </u>	equivalent

	Nor	th Centr	al Texas Workforce Devel	opment A	Area (4) La	bor Market In	formation, 20	20 - 2030		
							Annual	Annual		
					Median	Growth	Average	Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Hospitality and		35-2021	Food Preparation Workers	39%	\$23,085	HIGH/LOW	3,983	5,527	955	No formal
Tourism						•				educational
										credential
Hospitality and		35-2019	Cooks, All Other	38%	\$25,765	HIGH/LOW	95	131	20	High school
Tourism										diploma or
										equivalent
Hospitality and		39-3019	Gambling Service Workers, All	37%	\$19,189	HIGH/LOW	87	120	18	High school
Tourism			Other							diploma or
										equivalent
Hospitality and		35-2015	Cooks, Short Order	35%	\$19,590	HIGH/LOW	1,056	1,431	215	High school
Tourism										diploma or
										equivalent
Hospitality and		35-3023	Fast Food and Counter Workers	34%	\$20,034	HIGH/LOW	34,966	46,901	9,487	No formal
Tourism										educational
										credential
Hospitality and		53-6021	Parking Attendants	34%	\$20,549	HIGH/LOW	792	1,062	166	High school
Tourism										diploma or
										equivalent
Hospitality and		37-1011	First-Line Supervisors of	33%	\$39,811	HIGH/LOW	1,142	1,524	186	High school
Tourism			Housekeeping							diploma or
			and Ianitorial Workers							equivalent
Hospitality and		51-3011	Bakers	32%	\$24,185	HIGH/LOW	1,817	2,404	335	High school
Tourism										diploma or
										equivalent
Hospitality and		35-3041	Food Servers, Nonrestaurant	32%	\$23,007	HIGH/LOW	1,026	1,356	216	No formal
Tourism										educational
										credential
Hospitality and		39-7018	Tour and Travel Guides	31%	\$25,389	HIGH/LOW	232	303	55	High school
Tourism										diploma or
										equivalent
Hospitality and		37-2012	Maids and Housekeeping	30%	\$23,205	HIGH/LOW	8,457	11,033	1,530	No formal
Tourism			Cleaners							educational
		00.55		0.00	400		0			credential
Hospitality and		39-2011	Animal Trainers	30%	\$23,325	HIGH/LOW	299	389	50	High school
Tourism										diploma or
										equivalent

	Nort	ın Centr	al Texas Workforce Devel	opment <i>A</i>	Area (4) La	por warket in	tormation, 20	20 - 2030		
							Annual	Annual		
					Median	Growth	Average	Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
Cluster	Program of Study	soc	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Hospitality and		25-4013	Museum Technicians and	29%	\$41,179	HIGH/LOW	47	61	8	Master's
Tourism			Conservators							degree
Hospitality and		27-2023	Umpires, Referees, and Other	28%	\$36,453	HIGH/LOW	144	185	27	Some College,
Tourism			Sports Officials			·				No Degree
Hospitality and		39-9032	Recreation Workers	28%	\$22,425	HIGH/LOW	2,197	2,810	442	Bachelor's
Tourism										degree
Hospitality and		37-2019	Building Cleaning Workers, All	28%	\$30,544	HIGH/LOW	119	151	21	No formal
Tourism			Other			·				educational credential
Hospitality and		37-2011	Janitors and Cleaners, Except	24%	\$25,712	HIGH/LOW	15,471	19,169	2,649	High school
Tourism			Maids and			·		,	,	diploma or
			Housekeening Cleaners							equivalent
Hospitality and		35-2011	Cooks, Fast Food	23%	\$20,075	HIGH/LOW	4,299	5,288	793	No formal
Tourism			,		. ,	,	,	,		educational
100113111										credential
Hospitality and		41-3041	Travel Agents	22%	\$36,488	LOW/LOW	384	468	58	Some College,
Tourism						,				No Degree
Hospitality and		35-2012	Cooks, Institution and Cafeteria	18%	\$25,612	LOW/LOW	3,087	3,654	538	No formal
Tourism										educational
										credential
Hospitality and		53-6061	Passenger Attendants	16%	\$18,393	LOW/LOW	127	148	22	High school
Tourism										diploma or
										equivalent
Hospitality and		41-2011	Cashiers	8%	\$21,891	LOW/LOW	27,368	29,690	5,476	High school
Tourism										diploma or
										eguivalent
Hospitality and		43-2011	Switchboard Operators,	(2%)	\$26,184	LOW/LOW	500	492	56	High school
Tourism			Including							diploma or
			Answering Service							equivalent
Human Services	Cosmetology and	39-5092	Manicurists and Pedicurists	83%	\$29,796	HIGH/LOW	869	1,591	199	Recognized
	Personal Care Services									Industry
										Credential
Human Services	Cosmetology and	39-5094	Skincare Specialists	68%	\$26,670	HIGH/LOW	645	1,083	134	Recognized
	Personal Care Services		i i							Industry
										Credential

	Nort	h Centr	al Texas Workforce Devel	opment A	Area (4) La	bor Market In	formation, 20	20 - 2030		
					Median	Growth	Annual	Annual	Total	Competitive
State Career				Growth	Annual	Wage	Average Employment	Average Employment	Annual	Education
Cluster	Program of Study	soc	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Human Services	Cosmetology and Personal Care Services	39-5093	Shampooers	57%	\$18,737	HIGH/LOW	159	249	30	High school diploma or equivalent
Human Services	Cosmetology and Personal Care Services	39-5012	Hairdressers, Hairstylists, and Cosmetologists	44%	\$22,466	HIGH/LOW	6,946	9,997	1,234	Recognized Industry Credential
Human Services	Cosmetology and Personal Care Services	39-1098	First-Line Supervisors of Personal Service and Entertainment and Recreation Workers, Except Gambling	40%	\$40,856	HIGH/LOW	1,374	1,925	229	Some College, No Degree
Human Services	Cosmetology and Personal Care Services	39-5011	Barbers	40%	\$26,216	HIGH/LOW	864	1,210	134	Recognized Industry Credential
Human Services	Family and Community Services	21-1013	Marriage and Family Therapists	79%	\$51,902	HIGH/HIGH	151	270	31	Master's degree
Human Services		21-1023	Mental Health and Substance Abuse Social Workers	47%	\$47,873	HIGH/HIGH	372	547	60	Bachelor's degree
Human Services	Family and Community Services	11-9151	Social and Community Service Managers	32%	\$69,705	HIGH/HIGH	691	912	90	Bachelor's degree
Human Services	Family and Community Services	21-1021	Child, Family, and School Social Workers	25%	\$51,300	HIGH/HIGH	1,725	2,157	220	Bachelor's degree
Human Services	Family and Community Services	21-1093	Social and Human Service Assistants	32%	\$34,585	HIGH/LOW	1,496	1,976	248	Some College, No Degree
Human Services	Family and Community Services, Health and Wellness	21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	51%	\$49,864	HIGH/HIGH	1,226	1,855	206	Master's degree
Human Services	Health and Wellness	21-1015	Rehabilitation Counselors	36%	\$49,895	HIGH/HIGH	137	187	20	Master's degree
Human Services	Health and Wellness	29-1031	Dietitians and Nutritionists	29%	\$57,545	HIGH/HIGH	355	458	37	Bachelor's degree
Human Services	Health and Wellness	21-1022	Healthcare Social Workers	21%	\$56,699	LOW/HIGH	881	1,069	108	Master's degree

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	Competitive Education Requirement
Human Services	Health and Wellness	21-1094	Community Health Workers	37%	\$36,754	HIGH/LOW	254	348	40	Bachelor's degree
Human Services		19-3039	Psychologists, All Other	40%	\$89,688	HIGH/HIGH	438	614	52	Doctoral or professional degree
Human Services		19-3099	Social Scientists and Related Workers, All Other	37%	\$78,027	HIGH/HIGH	177	243	25	Bachelor's degree
Human Services		21-1019	Counselors, All Other	31%	\$56,177	HIGH/HIGH	385	505	53	Master's degree
Human Services		19-3031	Clinical, Counseling, and School Psychologists	26%	\$69,322	HIGH/HIGH	927	1,167	92	Doctoral or professional degree
Human Services		19-3032	Industrial-Organizational Psychologists	24%	\$81,925	HIGH/HIGH	16	19	2	Doctoral or professional degree
Human Services		39-4031	Morticians, Undertakers, and Funeral	17%	\$52,388	LOW/HIGH	223	261	33	Associate's degree
Human Services		11-9171	Funeral Home Managers	16%	\$60,558	LOW/HIGH	210	245	21	Associate's degree
Human Services		21-2011	Clergy	16%	\$46,853	LOW/HIGH	3,154	3,656	391	Master's degree
Human Services		21-2021	Directors, Religious Activities and Education	13%	\$48,889	LOW/HIGH	1,788	2,028	242	Bachelor's degree
Human Services		31-9011	Massage Therapists	65%	\$45,277	HIGH/LOW	1,226	2,027	260	Recognized Industry Credential
Human Services		39-9041	Residential Advisors	36%	\$28,953	HIGH/LOW	276	374	55	Some College, No Degree
Human Services		39-9098	Crematory Operators and Personal Care and Service Workers, All Other	32%	\$27,117	HIGH/LOW	459	606	86	High school diploma or equivalent

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	Competitive Education Requirement
Human Services		21-1099	Community and Social Service Specialists, All Other	31%	\$32,384	HIGH/LOW	295	387	44	Bachelor's degree
Human Services		39-4021	Funeral Attendants	18%	\$26,121	LOW/LOW	62	74	11	High school diploma or equivalent
Human Services		21-2099	Religious Workers, All Other	15%	\$36,777	LOW/LOW	812	935	127	Bachelor's degree
Human Services		39-9011	Childcare Workers	13%	\$21,992	LOW/LOW	10,853	12,255	1,734	High school diploma or equivalent
Human Services		39-4011	Embalmers	13%	\$34,558	LOW/LOW	21	23	3	Associate's degree
Human Services		51-6011	Laundry and Dry-Cleaning Workers	13%	\$22,521	LOW/LOW	813	917	126	No formal educational credential
Human Services		51-6052	Tailors, Dressmakers, and Custom Sewers	4%	\$24,339	LOW/LOW	474	493	66	High school diploma or equivalent
Human Services		51-6021	Pressers, Textile, Garment, and Related Materials	(19%)	\$21,668	LOW/LOW	249	202	24	No formal educational credential
Information Technology	Information Technology Support and Services	11-3021	Computer and Information Systems Managers	33%	\$152,699	HIGH/HIGH	3,658	4,870	435	Bachelor's degree
Information Technology	Information Technology Support and	15-1245	Database Administrators and Architects	30%	\$104,590	HIGH/HIGH	1,423	1,843	161	Bachelor's degree
Information Technology	Information Technology Support and	17-2061	Computer Hardware Engineers	13%	\$117,204	LOW/HIGH	649	735	55	Bachelor's degree

	Nor	th Centr	al Texas Workforce Develo	opment A	Area (4) La	bor Market In	formation, 20	20 - 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	Competitive Education Requirement
Information Technology	Information Technology Support and Services, Networking	15-1211	Computer Systems Analysts	29%	\$98,813	HIGH/HIGH	6,234	8,024	676	Bachelor's degree
Information Technology	Information Technology Support and Services, Networking	15-1241	Computer Network Architects	23%	\$124,542	HIGH/HIGH	1,984	2,435	177	Bachelor's degree
Information Technology	Networking Systems	15-1232	Computer User Support Specialists	29%	\$47,441	HIGH/HIGH	6,933	8,916	774	Recognized Industry Credential
Information Technology	Networking Systems	15-1231	Computer Network Support Specialists	26%	\$86,884	HIGH/HIGH	2,128	2,682	230	Associate's degree
Information Technology	Web Development	15-1256	Software Developers and Software Quality Assurance Analysts and	48%	\$111,443	HIGH/HIGH	15,333	22,701	2,117	Bachelor's degree
Information Technology	Web Development	15-1257	Web Developers and Digital Interface Designers	35%	\$64,443	HIGH/HIGH	1,680	2,262	202	Associate's degree
Information Technology	Web Development	15-1299	Computer Occupations, All Other	29%	\$93,718	HIGH/HIGH	3,416	4,393	382	Bachelor's degree
Law and Public Service	Emergency Services	33-2021	Fire Inspectors and Investigators	25%	\$65,566	HIGH/HIGH	44	54	6	Recognized Industry Credential
Law and Public Service	Emergency Services	33-1021	First-Line Supervisors of Firefighting and Prevention Workers	23%	\$82,769	HIGH/HIGH	298	365	28	Associate's degree
Law and Public Service	Emergency Services	33-2011	Firefighters	21%	\$59,072	LOW/HIGH	2,245	2,720	230	Recognized Industry Credential
Law and Public Service	Emergency Services	29-2041	Emergency Medical Technicians and Paramedics	33%	\$35,078	HIGH/LOW	1,134	1,506	128	Recognized Industry Credential

	Nor	th Centr	al Texas Workforce Devel	opment A	Area (4) La	bor Market In	formation, 20	20 - 2030		
					B.Co.dian	Curavith	Annual	Annual	Tatal	Common atiations
					Median	Growth	Average	Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment		Annual	Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Law and Public	Government and	13-2061	Financial Examiners	56%	\$81,476	HIGH/HIGH	686	1,068	103	Bachelor's
Service	Public Administration									degree
Law and Public	Government and	13-2098	Financial and Investment	37%	\$77,953	HIGH/HIGH	4,397	6,016	559	Bachelor's
Service	Public Administration		Analysts, Financial Risk Specialists, and			·				degree
			Financial							
Law and Public	Government and	13-2011	Accountants and Auditors	26%	\$73,225	HIGH/HIGH	10,150	12,756	1,269	Bachelor's
Service	Public Administration				7.5,225				_,,	degree
Law and Public	Government and	13-2081	Tax Examiners and Collectors,	22%	\$83,364	LOW/HIGH	83	101	9	Bachelor's
Service	Public Administration		and		,,	, -				degree
			Revenue Agents							u.eg. e.e
Law and Public	Government and	11-9141	Property, Real Estate, and	17%	\$56,938	LOW/HIGH	2,274	2,672	230	Some College,
Service	Public Administration		Community							No Degree
			Association Managers							
Law and Public	Government and	13-2021	Property Appraisers and	15%	\$59,200	LOW/HIGH	695	800	68	Bachelor's
Service	Public Administration		Assessors							degree
Law and Public	Law Enforcement	33-1012	First-Line Supervisors of Police	22%	\$87,946	LOW/HIGH	527	645	49	Bachelor's
Service			and							degree
			Detectives							
Law and Public	Law Enforcement	33-3021	Detectives and Criminal	21%	\$72,703	LOW/HIGH	417	505	42	Some College,
Service			Investigators							No Degree
Law and Public	Law Enforcement	33-3051	Police and Sheriffs Patrol	21%	\$68,181	LOW/HIGH	4,779	5,769	498	Associate's
Service			Officers							degree
Law and Public	Law Enforcement	21-1092	Probation Officers and	16%	\$48,098	LOW/HIGH	527	609	55	Bachelor's
Service			Correctional							degree
			Treatment Specialists							
Law and Public	Law Enforcement	33-1011	First-Line Supervisors of	7%	\$59,026	LOW/HIGH	140	150	13	Some College,
Service			Correctional							No Degree
			Officers							
Law and Public	Law Enforcement	33-3012	Correctional Officers and Jailers	4%	\$47,772	LOW/HIGH	1,935	2,013	195	High school
Service										diploma or
										equivalent
Law and Public	Legal Studies	23-1022	Arbitrators, Mediators, and	45%	\$51,528	HIGH/HIGH	35	51	4	Bachelor's
Service			Conciliators							degree

							Annual	Annual		
					Median	Growth	Average	Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
Cluster	Program of Study	soc	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Law and Public	Legal Studies		Paralegals and Legal Assistants	44%	\$53,728	HIGH/HIGH	1,482	2,137	259	Associate's
Service	Legal Studies	25 2011	Taraicgais and Legal Assistants	7470	755,720	monymon	1,402	2,137	233	degree
Law and Public	Legal Studies	23-1011	Lawwers	34%	\$115,727	HIGH/HIGH	4,641	6,224	410	Doctoral or
Service	Legal Stadies	23 1011	Lawyers	3470	Ψ113,727	111011/111011	4,041	0,224	410	professional
Sel vice										degree
Law and Public		13-1041	Compliance Officers	29%	\$71,292	HIGH/HIGH	1,913	2,469	226	Bachelor's
Service						•				degree
Law and Public		21-1029	Social Workers, All Other	29%	\$48,194	HIGH/HIGH	311	401	42	Bachelor's
Service										degree
Law and Public		33-9021	Private Detectives and	24%	\$69,611	HIGH/HIGH	206	255	25	Bachelor's
Service			Investigators							degree
Law and Public		33-1099	Miscellaneous First-Line	23%	\$52,083	HIGH/HIGH	377	465	52	Some College,
Service			Supervisors,							No Degree
			Protective Service Workers							
Law and Public		19-3051	Urban and Regional Planners	22%	\$71,386	LOW/HIGH	224	273	26	Master's
Service										degree
Law and Public		23-2099	Legal Support Workers, All	21%	\$50,454	LOW/HIGH	221	267	28	Associate's
Service			Other							degree
Law and Public		53-6051	Transportation Inspectors	20%	\$87,578	LOW/HIGH	217	260	30	Some College,
Service										No Degree
Law and Public		27-3092	Court Reporters and	20%	\$68,953	LOW/HIGH	174	208	22	Recognized
Service			Simultaneous							Industry
			Cantioners							Credential
Law and Public		23-1021	Administrative Law Judges,	19%	\$105,320	LOW/HIGH	37	44	3	Doctoral or
Service			Adjudicators,							professional
			and Hearing Officers							degree
Law and Public		11-9161	Emergency Management	18%	\$90,723	LOW/HIGH	70	83	8	Bachelor's
Service			Directors							degree
Law and Public		19-5011	Occupational Health and Safety	18%	\$71,585	LOW/HIGH	820	966	78	Bachelor's
Service			Specialists							degree
Law and Public		19-5012	Occupational Health and Safety	17%	\$46,872	LOW/HIGH	273	320	26	High school
Service			Technicians							diploma/GED

							Annual	Annual		
					Median	Growth	Average	Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Law and Public		23-1023	Judges, Magistrate Judges, and	16%	\$81,748	LOW/HIGH	178	205	12	Doctoral or
Service			Magistrates							professional
										degree
Law and Public		33-3011	Bailiffs	15%	\$56,399	LOW/HIGH	87	100	10	High school
Service										diploma or
					4				_	equivalent
Law and Public		11-9131	Postmasters and Mail	10%	\$78,864	LOW/HIGH	41	45	4	Some College,
Service		42 5054	Superintendents	00/	¢EC C00	LOW/IIICH	250	201	22	No Degree
Law and Public		43-5051	Postal Service Clerks	9%	\$56,690	LOW/HIGH	350	381	33	High school
Service										diploma or
Law and Public		43-5052	Postal Service Mail Carriers	9%	\$47,711	LOW/HIGH	1,765	1,922	149	equivalent High school
Service		73 3032	r ostar service man carriers	370	ψ47,7±±	2011/11/011	1,703	1,322	143	diploma or
Scrvice										equivalent
Law and Public		43-5053	Postal Service Mail Sorters,	4%	\$55,955	LOW/HIGH	662	688	62	High school
Service			Processors,							diploma or
			and Processing Machine							equivalent
			Operators							1
Law and Public		33-9092	Lifeguards, Ski Patrol, and Other	50%	\$21,200	HIGH/LOW	1,002	1,500	354	No formal
Service			Recreational Protective Service							educational
			Workers							credential
1 1 B 1-1" -		22 0022	Constitution of the consti	220/	627.562	111611/1614/	2.000	F 270	724	LP de de la de
Law and Public		33-9032	Security Guards	33%	\$27,563	HIGH/LOW	3,980	5,278	734	High school
Service										diploma or
Law and Public		33-9093	Transportation Security	29%	\$40,443	HIGH/LOW	162	209	21	equivalent High school
Service		33 3033	Screeners	2370	ψ 10, 1 13	111011, 2011	102	203		diploma or
Scrvice			Screeners							equivalent
Law and Public		11-1031	Legislators	24%	\$37,658	HIGH/LOW	122	152	13	Bachelor's
Service						<u> </u>				degree
Law and Public		23-1012	Judicial Law Clerks	23%	\$39,827	HIGH/LOW	23	28	2	Doctoral or
Service										professional
										degree
Law and Public		33-9098	School Bus Monitors and	22%	\$24,264	LOW/LOW	1,072	1,314	320	High school
Service			Protective							diploma or
			Service Workers All Other							equivalent

	Nor	th Centr	al Texas Workforce Devel	opment A	Area (4) La	bor Market In	formation, 20	20 - 2030		
					B.O. altau	Constitution	Annual	Annual	Tatal	Comment of the
					Median	Growth	Average	Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Law and Public		43-5031	Public Safety	22%	\$40,112	LOW/LOW	633	773	78	High school
Service			Telecommunicators							diploma or
										equivalent
Law and Public		43-4061	Eligibility Interviewers,	20%	\$38,351	LOW/LOW	592	710	70	Some College,
Service			Government							No Degree
Law and Public		22 0011	Animal Control Workers	20%	\$38,839	LOW/LOW	116	139	13	Recognized
		33-9011	Animai Control Workers	20%	\$38,839	LOW/LOW	110	139	13	
Service										Industry Credential
Law and Public		43-4031	Court, Municipal, and License	19%	\$38,607	LOW/LOW	921	1,101	118	Some College,
Service			Clerks	2070	φοσ,σσ.					No Degree
Law and Public		33-9091	Crossing Guards and Flaggers	19%	\$24,672	LOW/LOW	498	595	117	High school
Service										diploma or
										equivalent
Law and Public		43-4111	Interviewers, Except Eligibility	14%	\$33,520	LOW/LOW	667	759	97	Some College,
Service			and Loan							No Degree
Law and Public		43-5041	Meter Readers, Utilities	1%	\$31,145	LOW/LOW	212	213	17	High school
Service										diploma or
Lavi and Dublia		22 2044	Danking Enfancement Made	(4.00/)	¢27.444	1 0 4 / 1 0 4 /	24	22	2	equivalent
Law and Public		33-3041	Parking Enforcement Workers	(10%)	\$37,411	LOW/LOW	24	22	2	Some College,
Service Manufacturing	Advanced	/0-Q0//1	Industrial Machinery Mechanics	37%	\$52,768	HIGH/HIGH	2,616	3,587	362	No Degree Recognized
Manufacturing	Manufacturing and	43-3041	industrial Machinery Mechanics	3770	332,700	Indityindii	2,010	3,367	302	Industry
	Machinery Mechanics									Credential
Manufacturing	Advanced	49-2094	Electrical and Electronics	19%	\$57,484	LOW/HIGH	434	518	45	Recognized
0	Manufacturing and		Repairers,		, - , -	, -			_	Industry
	Machinery Mechanics		Commercial and Industrial							Credential
	,		Fauinment							
Manufacturing	Advanced	49-2092	Electric Motor, Power Tool, and	47%	\$36,677	HIGH/LOW	62	92	10	Recognized
	Manufacturing and		Related							Industry
	Machinery Mechanics		Renairers	100/	40= 105		0.101	0.10-		Credential
Manufacturing	Advanced	51-2028	Electrical, Electronic, and	12%	\$35,490	LOW/LOW	3,134	3,497	388	High school
	Manufacturing and		Electromechanical Assemblers,							diploma or
	Machinery Mechanics		Except							equivalent
			Coil Winders, Tapers, and							

	Nor	th Centr	al Texas Workforce Develo	opment A	Area (4) La	bor Market In				
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	Competitive Education Requirement
Manufacturing	Advanced Manufacturing and Machinery Mechanics, Manufacturing Technology		Computer Numerically Controlled Tool Programmers	32%	\$57,287	HIGH/HIGH	206	271	32	Associate's degree
Manufacturing	Advanced Manufacturing and Machinery Mechanics, Manufacturing Technology	17-3023	Electrical and Electronic Engineering Technologists and Technicians	15%	\$65,062	LOW/HIGH	933	1,073	107	Associate's degree
Manufacturing	Advanced Manufacturing and Machinery Mechanics, Manufacturing Technology	17-3024	Electro-Mechanical and Mechatronics Technologists and Technicians	6%	\$49,157	LOW/HIGH	144	152	15	Associate's degree
Manufacturing	Advanced Manufacturing and Machinery Mechanics, Manufacturing Technology	51-9161	Computer Numerically Controlled Tool Operators	9%	\$41,356	LOW/LOW	576	629	72	Recognized Industry Credential
Manufacturing	Manufacturing Technology	17-3027	Mechanical Engineering Technologists and Technicians	19%	\$60,475	LOW/HIGH	210	251	26	Associate's degree
Manufacturing	Manufacturing Technology	17-3021	Aerospace Engineering and Operations Technologists and Technicians	14%	\$75,418	LOW/HIGH	118	135	14	Associate's degree
Manufacturing	Manufacturing Technology	17-3026	Industrial Engineering Technologists and Technicians	14%	\$67,023	LOW/HIGH	581	662	66	Associate's degree
Manufacturing	Welding	51-4121	Welders, Cutters, Solderers, and Brazers	19%	\$41,464	LOW/LOW	3,609	4,307	492	Recognized Industry Credential

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	Competitive Education Requirement
Manufacturing	Welding	51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	10%	\$34,153	LOW/LOW	233	256	29	Recognized Industry Credential
Manufacturing		49-9069	Precision Instrument and Equipment Renairers All Other	37%	\$56,933	HIGH/HIGH	32	44	5	Recognized Industry Credential
Manufacturing		49-9062	Medical Equipment Repairers	33%	\$50,882	HIGH/HIGH	346	460	54	Associate's degree
Manufacturing		49-9044	Millwrights	32%	\$50,868	HIGH/HIGH	238	314	32	Recognized Industry Credential
Manufacturing		49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	25%	\$65,940	HIGH/HIGH	111	138	17	Associate's degree
Manufacturing		49-9043	Maintenance Workers, Machinery	21%	\$47,486	LOW/HIGH	466	565	56	High school diploma or equivalent
Manufacturing		43-5061	Production, Planning, and Expediting Clerks	21%	\$49,503	LOW/HIGH	3,128	3,782	416	Some College, No Degree
Manufacturing		51-4061	Model Makers, Metal and Plastic	21%	\$73,915	LOW/HIGH	14	17	2	High school diploma or
Manufacturing		51-4111	Tool and Die Makers	19%	\$50,742	LOW/HIGH	237	283	31	Recognized Industry Credential
Manufacturing		11-3051	Industrial Production Managers	17%	\$112,673	LOW/HIGH	1,128	1,322	102	Bachelor's degree
Manufacturing		51-6092	Fabric and Apparel Patternmakers	16%	\$56,404	LOW/HIGH	49	57	7	High school diploma or
Manufacturing		17-3019	Drafters, All Other	15%	\$47,338	LOW/HIGH	92	105	11	Associate's degree

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	Competitive Education Requirement
Manufacturing		51-8099	Plant and System Operators, All Other	14%	\$50,152	LOW/HIGH	117	133	15	Recognized Industry Credential
Manufacturing		17-3012	Electrical and Electronics Drafters	13%	\$63,136	LOW/HIGH	218	247	25	Associate's degree
Manufacturing			Mechanical Drafters	11%	\$56,583	LOW/HIGH	387	429	43	Associate's degree
Manufacturing		47-2011	Boilermakers	11%	\$45,521	LOW/HIGH	161	178	17	High school diploma or equivalent
Manufacturing		51-8091	Chemical Plant and System Operators	3%	\$55,833	LOW/HIGH	246	252	28	Associate's degree
Manufacturing		51-2031	Engine and Other Machine Assemblers	2%	\$50,693	LOW/HIGH	143	147	17	High school diploma or equivalent
Manufacturing		19-4051	Nuclear Technicians	1%	\$89,415	LOW/HIGH	28	28	4	Associate's degree
Manufacturing		51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	(30%)	\$56,743	LOW/HIGH	208	145	21	Recognized Industry Credential
Manufacturing		51-6042	Shoe Machine Operators and Tenders	48%	\$35,942	HIGH/LOW	23	35	5	High school diploma or equivalent
Manufacturing		51-9082	Medical Appliance Technicians	43%	\$39,515	HIGH/LOW	38	55	8	Recognized Industry Credential
Manufacturing		51-9193	Cooling and Freezing Equipment Operators and Tenders	38%	\$43,020	HIGH/LOW	32	45	5	High school diploma or
Manufacturing		51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	33%	\$35,012	HIGH/LOW	301	399	46	High school diploma or equivalent

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	Competitive Education Requirement
Manufacturing		51-4023	Rolling Machine Setters, Operators, and Tenders Metal and Plastic	32%	\$40,557	HIGH/LOW	165	219	25	High school diploma or equivalent
Manufacturing		51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and	32%	\$22,321	HIGH/LOW	52	69	9	High school diploma or equivalent
Manufacturing		51-9199	Production Workers, All Other	31%	\$29,696	HIGH/LOW	811	1,066	128	High school diploma or equivalent
Manufacturing		51-7099	Woodworkers, All Other	31%	\$29,577	HIGH/LOW	142	186	20	High school diploma or equivalent
Manufacturing		51-4192	Layout Workers, Metal and Plastic	30%	\$43,365	HIGH/LOW	16	21	2	High school diploma or equivalent
Manufacturing		51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	30%	\$29,369	HIGH/LOW	476	619	70	High school diploma or
Manufacturing		51-6099	Textile, Apparel, and Furnishings Workers, All Other	26%	\$25,646	HIGH/LOW	72	91	12	High school diploma or
Manufacturing		43-5111	Weighers, Measurers, Checkers, and Samplers Recordkeeping	26%	\$38,272	HIGH/LOW	433	545	58	High school diploma or equivalent
Manufacturing		49-9094	Locksmiths and Safe Repairers	26%	\$42,749	HIGH/LOW	105	132	15	High school diploma or equivalent
Manufacturing		43-2099	Communications Equipment Operators, All Other	25%	\$41,444	HIGH/LOW	27	34	4	Recognized Industry Credential
Manufacturing		51-3093	Food Cooking Machine Operators and Tenders	25%	\$26,858	HIGH/LOW	67	84	15	High school diploma or

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	Competitive Education Requirement
Manufacturing		51-9111	Packaging and Filling Machine Operators and Tenders	25%	\$29,699	HIGH/LOW	1,747	2,181	259	High school diploma or equivalent
Manufacturing		51-9151	Photographic Process Workers and Processing Machine Operators	24%	\$31,249	HIGH/LOW	62	77	12	High school diploma or equivalent
Manufacturing		51-4052	Pourers and Casters, Metal	24%	\$32,441	HIGH/LOW	27	34	4	High school diploma or equivalent
Manufacturing		51-3023	Slaughterers and Meat Packers	23%	\$28,423	HIGH/LOW	164	202	26	No formal educational credential
Manufacturing		51-6041	Shoe and Leather Workers and Repairers	23%	\$27,495	HIGH/LOW	185	227	29	High school diploma or equivalent
Manufacturing		51-4071	Foundry Mold and Coremakers	21%	\$36,144	LOW/LOW	42	50	6	High school diploma or
Manufacturing		51-4022	Forging Machine Setters, Operators, and Tenders Metal and Plastic	21%	\$43,234	LOW/LOW	37	45	5	High school diploma or
Manufacturing		51-5113	Print Binding and Finishing Workers	21%	\$30,133	LOW/LOW	286	345	42	High school diploma or
Manufacturing		51-4051	Metal-Refining Furnace Operators and Tenders	20%	\$38,688	LOW/LOW	135	162	17	High school diploma or
Manufacturing		51-2051	Fiberglass Laminators and Fabricators	20%	\$39,895	LOW/LOW	97	116	14	High school diploma or
Manufacturing		51-3092	Food Batchmakers	20%	\$31,789	LOW/LOW	647	773	106	High school diploma or equivalent

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	Competitive Education Requirement
Manufacturing		51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	20%	\$35,364	LOW/LOW	99	119	12	High school diploma or equivalent
Manufacturing		51-3099	Food Processing Workers, All Other	19%	\$24,811	LOW/LOW	180	215	24	No formal educational credential
Manufacturing		49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	19%	\$37,782	LOW/LOW	96	115	15	High school diploma or equivalent
Manufacturing		51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	19%	\$27,131	LOW/LOW	265	315	38	High school diploma or equivalent
Manufacturing		49-9099	Installation, Maintenance, and Repair Workers, All Other	19%	\$36,414	LOW/LOW	1,203	1,430	160	High school diploma or equivalent
Manufacturing		51-6062	Textile Cutting Machine Setters, Operators, and Tenders	19%	\$24,460	LOW/LOW	108	128	16	High school diploma or
Manufacturing		51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and	19%	\$29,692	LOW/LOW	169	201	23	High school diploma or equivalent
Manufacturing		51-4041	Machinists	19%	\$42,980	LOW/LOW	1,651	1,958	216	Recognized Industry Credential
Manufacturing		51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	18%	\$34,420	LOW/LOW	519	615	72	High school diploma or
Manufacturing		53-7063		18%	\$34,996	LOW/LOW	527	621	86	High school diploma or
Manufacturing		51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	18%	\$30,856	LOW/LOW	66	77	10	High school diploma or equivalent

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	Competitive Education Requirement
Manufacturing		51-4199	Metal Workers and Plastic Workers, All Other	18%	\$35,759	LOW/LOW	155	183	20	High school diploma or equivalent
Manufacturing		51-6031	Sewing Machine Operators	18%	\$24,731	LOW/LOW	912	1,074	131	No formal educational credential
Manufacturing		51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	17%	\$38,509	LOW/LOW	1,150	1,350	145	High school diploma or equivalent
Manufacturing		51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and	17%	\$39,956	LOW/LOW	257	301	35	High school diploma or equivalent
Manufacturing		51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	17%	\$28,663	LOW/LOW	376	441	49	High school diploma or equivalent
Manufacturing		51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and	17%	\$33,541	LOW/LOW	1,384	1,614	175	High school diploma or equivalent
Manufacturing		51-7011	Cabinetmakers and Bench Carpenters	16%	\$30,011	LOW/LOW	977	1,133	117	High school diploma or equivalent
Manufacturing		51-7021	Furniture Finishers	15%	\$28,897	LOW/LOW	149	171	24	No formal educational credential
Manufacturing		49-2011	Computer, Automated Teller, and Office Machine Repairers	15%	\$36,914	LOW/LOW	928	1,064	123	Recognized Industry Credential
Manufacturing		51-9141	Semiconductor Processing Technicians	15%	\$33,514	LOW/LOW	598	686	80	High school diploma or equivalent

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	Competitive Education Requirement
Manufacturing		51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	14%	\$36,170	LOW/LOW	390	446	57	High school diploma or equivalent
Manufacturing		51-9123	Painting, Coating, and Decorating Workers	14%	\$28,110	LOW/LOW	124	142	15	High school diploma or equivalent
Manufacturing		51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal	12%	\$34,173	LOW/LOW	1,639	1,842	200	High school diploma or equivalent
Manufacturing		51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and	12%	\$25,934	LOW/LOW	46	52	7	High school diploma or equivalent
Manufacturing		51-9198	HelpersProduction Workers	12%	\$26,976	LOW/LOW	2,035	2,281	332	No formal educational credential
Manufacturing		51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and	12%	\$31,442	LOW/LOW	260	291	36	High school diploma or equivalent
Manufacturing		49-9063	Musical Instrument Repairers and Tuners	12%	\$34,147	LOW/LOW	76	85	10	Recognized Industry Credential
Manufacturing		51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators,	10%	\$31,394	LOW/LOW	743	818	88	High school diploma or equivalent
Manufacturing		51-6093	Upholsterers	9%	\$31,322	LOW/LOW	279	305	29	High school diploma or equivalent

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	Competitive Education Requirement
Manufacturing		51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and	9%	\$38,022	LOW/LOW	81	89	11	High school diploma or equivalent
Manufacturing		51-9191	Adhesive Bonding Machine Operators and Tenders	9%	\$36,359	LOW/LOW	56	61	8	High school diploma or equivalent
Manufacturing		51-9071	Jewelers and Precious Stone and Metal Workers	9%	\$31,838	LOW/LOW	406	441	59	High school diploma or
Manufacturing		51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and	8%	\$35,452	LOW/LOW	128	139	15	High school diploma or equivalent
Manufacturing		27-1029	Designers, All Other	8%	\$43,587	LOW/LOW	487	525	50	Bachelor's degree
Manufacturing		51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and	8%	\$41,086	LOW/LOW	121	130	14	High school diploma or equivalent
Manufacturing		51-4194	Tool Grinders, Filers, and Sharpeners	8%	\$35,042	LOW/LOW	18	19	2	High school diploma or equivalent
Manufacturing		51-6051	Sewers, Hand	7%	\$23,421	LOW/LOW	49	52	7	No formal educational credential
Manufacturing		51-2098	Miscellaneous Assemblers and Fabricators	7%	\$29,787	LOW/LOW	8,421	9,004	1,012	High school diploma or
Manufacturing		51-9031	Cutters and Trimmers, Hand	6%	\$30,578	LOW/LOW	28	30	4	High school diploma or equivalent

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	Competitive Education Requirement
Manufacturing		51-2021	Coil Winders, Tapers, and Finishers	5%	\$39,556	LOW/LOW	71	75	8	High school diploma or equivalent
Manufacturing		49-9064	Watch and Clock Repairers	5%	\$35,833	LOW/LOW	48	51	6	High school diploma or
Manufacturing		51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	5%	\$30,683	LOW/LOW	1,008	1,055	113	High school diploma or equivalent
Manufacturing		51-9194	Etchers and Engravers	3%	\$19,453	LOW/LOW	179	185	24	High school diploma or equivalent
Manufacturing		51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and	3%	\$36,689	LOW/LOW	695	718	75	High school diploma or equivalent
Manufacturing		51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and	2%	\$36,915	LOW/LOW	154	158	17	Recognized Industry Credential
Manufacturing		51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and	1%	\$37,098	LOW/LOW	60	60	6	High school diploma or equivalent
Manufacturing		51-9196	Paper Goods Machine Setters, Operators, and Tenders	(0%)	\$33,511	LOW/LOW	772	770	95	High school diploma or equivalent
Manufacturing		51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	(0%)	\$31,437	LOW/LOW	349	347	38	High school diploma or equivalent

	Nor	th Centr	al Texas Workforce Devel	opment A	Area (4) Lai	bor Market In	·			
					Median	Growth	Annual Average	Annual Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
Cluster	Program of Study	soc	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Manufacturing	- regram or ottalay		Grinding and Polishing Workers,	(1%)	\$28,625	LOW/LOW	354	350	40	High school
iviaria accarring		31 3022	Hand	(170)	720,023	2011/2011	334	330	40	diploma or
		E4 0044		(40()	420.424		F 47	F 40		equivalent
Manufacturing		51-9011	Chemical Equipment Operators and	(1%)	\$39,134	LOW/LOW	547	540	60	High school diploma or
C	B' d' - d C	20.2040	Tenders	200/	ĆEO 040	111611/111611	4.746	2.252	404	equivalent
Science,	Biomedical Science	29-2018	Clinical Laboratory	29%	\$50,919	HIGH/HIGH	1,746	2,253	184	Bachelor's
Technology,			Technologists and							degree
Engineering and			Technicians							
Mathematics Science,	Biomedical Science	19-4092	Forensic Science Technicians	29%	\$54,864	HIGH/HIGH	123	158	21	Bachelor's
Technology,	Biointedical science	13 1032	To chisio selence recimiedans	2370	ψ3 1,00 T	11.011,111.011	123	133		degree
Engineering and										degree
Mathematics										
Science,	Biomedical Science	19-4021	Biological Technicians	19%	\$63,751	LOW/HIGH	420	501	65	Bachelor's
Technology,										degree
Engineering and										
Mathematics										
Science,	Biomedical Science	19-4031	Chemical Technicians	19%	\$47,378	LOW/HIGH	257	305	36	Associate's
Technology,										degree
Engineering and										
Mathematics	D: 1: 1 C :	20.2000		220/	440.072		1.001	2 202	400	D : 1
Science,	Biomedical Science	29-2098	Medical Dosimetrists, Medical	23%	\$40,973	HIGH/LOW	1,864	2,292	189	Recognized
Technology,			Records							Industry
Engineering and			Specialists, and Health							Credential
Mathematics			Technologists and							
Science,	Cybersecurity	15-1212	Information Security Analysts	50%	\$116,558	HIGH/HIGH	1,667	2,495	231	Bachelor's
Technology,		10 1111		30,0	Ψ110,000		_,			degree
Engineering and										degree
Mathematics										
Science,	Cybersecurity	15-1211	Computer Systems Analysts	29%	\$98,813	HIGH/HIGH	6,234	8,024	676	Bachelor's
Technology,			,			-				degree
Engineering and										
Mathematics										

	Nor	th Centr	al Texas Workforce Develo	pment A	Area (4) Lal	oor Market In	formation, 20	20 - 2030		
State Career				Growth	Median Annual	Growth Wage	Annual Average Employment	Annual Average Employment	Total Annual	Competitive Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Science, Technology, Engineering and Mathematics	Cybersecurity	15-1244	Network and Computer Systems Administrators	24%	\$85,130	HIGH/HIGH	3,481	4,325	336	Bachelor's degree
Science, Technology, Engineering and	Engineering	17-2081	Environmental Engineers	30%	\$110,894	HIGH/HIGH	149	193	17	Master's degree
Science, Technology, Engineering and	Engineering	17-2031	Bioengineers and Biomedical Engineers	27%	\$87,412	HIGH/HIGH	105	134	10	Bachelor's degree
Science, Technology, Engineering and	Engineering	17-2112	Industrial Engineers	24%	\$93,609	HIGH/HIGH	2,040	2,527	193	Bachelor's degree
Science, Technology, Engineering and	Engineering	17-2071	Electrical Engineers	23%	\$100,145	HIGH/HIGH	899	1,109	87	Bachelor's degree
Science, Technology, Engineering and	Engineering	41-9031	Sales Engineers	22%	\$109,367	LOW/HIGH	822	1,006	112	Bachelor's degree
Science, Technology, Engineering and Mathematics	Engineering	17-2131	Materials Engineers	21%	\$98,069	LOW/HIGH	121	146	11	Bachelor's degree
Science, Technology, Engineering and	Engineering	17-2141	Mechanical Engineers	21%	\$93,688	LOW/HIGH	1,576	1,910	137	Bachelor's degree
Mathematics Science, Technology, Engineering and	Engineering	17-2041	Chemical Engineers	15%	\$110,527	LOW/HIGH	154	177	12	Bachelor's degree

	Nort	h Centr	al Texas Workforce Develo	pment A	Area (4) Lal	oor Market In	formation, 20	20 - 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	Competitive Education Requirement
Science, Technology, Engineering and	Engineering	17-2011	Aerospace Engineers	15%	\$132,771	LOW/HIGH	444	510	36	Bachelor's degree
Science, Technology, Engineering and	Engineering	17-3026	Industrial Engineering Technologists and Technicians	14%	\$67,023	LOW/HIGH	581	662	66	Associate's degree
Science, Technology, Engineering and	Geospatial Engineering and Land Surveying	19-2042	Geoscientists, Except Hydrologists and Geographers	25%	\$112,883	HIGH/HIGH	235	294	32	Bachelor's degree
Science, Technology, Engineering and	Geospatial Engineering and Land Surveying	17-1022	Surveyors	20%	\$57,213	LOW/HIGH	282	339	32	Bachelor's degree
Science, Technology, Engineering and	Geospatial Engineering and Land Surveying	19-3022	Survey Researchers	42%	\$43,871	HIGH/LOW	73	103	11	Master's degree
Science, Technology, Engineering and	and Land	17-3031	Surveying and Mapping Technicians	17%	\$41,673	LOW/LOW	664	778	100	Associate's degree
Science, Technology,	Programming and Software Development	15-1256	Software Developers and Software Quality Assurance Analysts and	48%	\$111,443	HIGH/HIGH	15,333	22,701	2,117	Bachelor's degree
Science, Technology, Engineering and	Programming and Software Development	15-1251	Computer Programmers	8%	\$92,081	LOW/HIGH	2,654	2,858	207	Bachelor's degree
Science, Technology, Engineering and	Renewable Energy	49-9081	Wind Turbine Service Technicians	60%	\$49,160	HIGH/HIGH	108	173	21	Associate's degree

	Nor	th Centr	al Texas Workforce Devel	opment A	Area (4) La	oor Market In	formation, 20	20 - 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	Competitive Education Requirement
Science, Technology, Engineering and	Renewable Energy	47-2231	Solar Photovoltaic Installers	44%	\$52,720	HIGH/HIGH	60	87	11	High school diploma or equivalent
Science, Technology, Engineering and Mathematics	Renewable Energy	41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific	27%	\$76,896	HIGH/HIGH	2,036	2,580	281	Bachelor's degree
Science, Technology, Engineering and	Renewable Energy	17-2199	Engineers, All Other	24%	\$107,350	HIGH/HIGH	795	987	75	Bachelor's degree
Science, Technology, Engineering and	Renewable Energy	47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	10%	\$56,576	LOW/HIGH	5,496	6,028	609	Some College, No Degree
Science, Technology, Engineering and		19-3091	Anthropologists and Archeologists	72%	\$67,874	HIGH/HIGH	33	56	6	Master's degree
Science, Technology, Engineering and		19-3011	Economists	67%	\$99,766	HIGH/HIGH	54	90	9	Master's degree
Science, Technology, Engineering and		15-2041	Statisticians	67%	\$85,625	HIGH/HIGH	162	270	26	Master's degree
Mathematics Science, Technology, Engineering and		15-2098	Data Scientists and Mathematical Science Occupations, All Other	53%	\$99,147	HIGH/HIGH	574	878	89	Master's degree

	Nor	th Centr	al Texas Workforce Deve	lopment A	Area (4) Lal	oor Market In	formation, 20	20 - 2030		
State Career				Growth	Median Annual	Growth Wage	Annual Average Employment	Annual Average Employment	Total Annual	Competitive Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Science, Technology, Engineering and Mathematics		15-1221	Computer and Information Research Scientists	51%	\$134,514	нібн/нібн	141	213	19	Master's degree
Science, Technology, Engineering and		17-2161	Nuclear Engineers	42%	\$114,615	HIGH/HIGH	44	63	5	Bachelor's degree
Mathematics Science, Technology, Engineering and		19-2043	Hydrologists	40%	\$91,198	HIGH/HIGH	14	20	2	Bachelor's degree
Mathematics Science, Technology, Engineering and		19-2099	Physical Scientists, All Other	35%	\$99,208	HIGH/HIGH	109	147	14	Master's degree
Mathematics Science, Technology, Engineering and		17-2121	Marine Engineers and Naval Architects	31%	\$95,936	HIGH/HIGH	11	15	1	Bachelor's degree
Mathematics Science, Technology, Engineering and		19-2032	Materials Scientists	30%	\$79,449	HIGH/HIGH	14	18	2	Bachelor's degree
Science, Technology, Engineering and		43-9111	Statistical Assistants	29%	\$54,455	HIGH/HIGH	38	49	6	Bachelor's degree
Mathematics Science, Technology, Engineering and		27-3042	Technical Writers	26%	\$76,052	HIGH/HIGH	489	616	62	Bachelor's degree
Mathematics Science, Technology, Engineering and		17-2111	Health and Safety Engineers, Except Mining Safety Engineers and	24%	\$95,916	HIGH/HIGH	149	185	14	Bachelor's degree

	Nor	th Centr	al Texas Workforce Develo	opment A	Area (4) Lal	oor Market In				
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	Competitive Education Requirement
Science, Technology, Engineering and		19-2031	Chemists	24%	\$70,487	HIGH/HIGH	248	307	31	Bachelor's degree
Science, Technology, Engineering and		17-2072	Electronics Engineers, Except Computer	24%	\$121,924	HIGH/HIGH	1,229	1,518	117	Bachelor's degree
Mathematics Science, Technology, Engineering and Mathematics		19-1021	Biochemists and Biophysicists	23%	\$74,340	HIGH/HIGH	101	124	12	Doctoral or professional degree
Science, Technology, Engineering and		19-2021	Atmospheric and Space Scientists	22%	\$101,710	LOW/HIGH	55	67	6	Bachelor's degree
Science, Technology, Engineering and		17-2171	Petroleum Engineers	21%	\$177,166	LOW/HIGH	565	683	54	Bachelor's degree
Science, Technology, Engineering and		11-9041	Architectural and Engineering Managers	19%	\$150,646	LOW/HIGH	1,116	1,332	108	Bachelor's degree
Science, Technology, Engineering and Mathematics		17-3098	Calibration Technologists and Technicians and Engineering Technologists and Technicians, Except Drafters, All	17%	\$60,962	LOW/HIGH	583	685	69	Associate's degree
Science, Technology, Engineering and		19-2012	Physicists	17%	\$121,205	LOW/HIGH	111	130	10	Doctoral or professional degree

	Nort	h Centr	al Texas Workforce Develo	opment A	Area (4) La	oor Market In	formation, 20	20 - 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	Competitive Education Requirement
Science, Technology, Engineering and Mathematics			Geological and Hydrologic Technicians	17%	\$46,968	LOW/HIGH	195	228	30	Associate's degree
Science, Technology, Engineering and		19-4071	Forest and Conservation Technicians	26%	\$42,467	HIGH/LOW	71	90	12	Associate's degree
Science, Technology, Engineering and		19-4099	Life, Physical, and Social Science Technicians, All Other	23%	\$31,958	HIGH/LOW	492	607	78	Bachelor's degree
	Automotive, Diesel and Heavy Equipment	49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	24%	\$52,493	HIGH/HIGH	1,934	2,402	245	Recognized Industry Credential
Transportation, Distribution, and Logistics	· ·	49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	22%	\$68,656	LOW/HIGH	3,302	4,026	396	Some College, No Degree
Transportation, Distribution, and Logistics	Automotive, Diesel and Heavy Equipment	49-3021	Automotive Body and Related Repairers	18%	\$42,565	LOW/LOW	1,358	1,597	159	Recognized Industry Credential
Transportation, Distribution, and Logistics	Automotive, Diesel and Heavy Equipment	49-3023	Automotive Service Technicians and Mechanics	17%	\$42,727	LOW/LOW	6,202	7,279	772	Recognized Industry Credential
Transportation, Distribution, and Logistics	Aviation (Flight)	53-2011	Airline Pilots, Copilots, and Flight Engineers	33%	\$137,223	HIGH/HIGH	285	381	45	Bachelor's degree
Transportation, Distribution, and Logistics	Aviation (Flight)	53-2012	Commercial Pilots	24%	\$96,624	HIGH/HIGH	246	305	36	Recognized Industry Credential

	Nor	th Centr	al Texas Workforce Devel	opment A	Area (4) Lal	oor Market In	,			
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	Competitive Education Requirement
Transportation, Distribution, and Logistics	Aviation Maintenance	49-3011	Aircraft Mechanics and Service Technicians	21%	\$72,632	LOW/HIGH	596	719	68	Associate's degree
Transportation, Distribution, and Logistics	Aviation Maintenance	49-2091	Avionics Technicians	8%	\$62,001	LOW/HIGH	248	269	22	Associate's degree
Transportation, Distribution, and Logistics	Diesel and Heavy Equipment	49-3042	Mobile Heavy Equipment Mechanics, Except Engines	18%	\$53,021	LOW/HIGH	1,359	1,604	169	Recognized Industry Credential
Transportation, Distribution, and Logistics	Distribution and Logistics	13-1081	Logisticians	46%	\$70,279	HIGH/HIGH	1,181	1,719	179	Bachelor's degree
Transportation, Distribution, and Logistics	Distribution and Logistics	11-9198	Personal Service Managers, All Other; Entertainment and Recreation Managers, Except Gambling; and Managers, All	30%	\$69,417	HIGH/HIGH	8,046	10,497	916	Bachelor's degree
Transportation, Distribution, and Logistics	Distribution and Logistics	11-3071	Transportation, Storage, and Distribution Managers	24%	\$94,902	HIGH/HIGH	1,072	1,331	116	Bachelor's degree
Transportation, Distribution, and Logistics	Distribution and Logistics	11-3061	Purchasing Managers	22%	\$131,850	LOW/HIGH	598	730	64	Bachelor's degree
Transportation, Distribution, and Logistics	Distribution and Logistics	13-1028	Buyers and Purchasing Agents	12%	\$72,087	LOW/HIGH	3,219	3,610	369	Bachelor's degree

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	Competitive Education Requirement
Transportation, Distribution, and Logistics	Drone (Unmanned Flight)	53-2011	Airline Pilots, Copilots, and Flight Engineers	33%	\$137,223	HIGH/HIGH	285	381	45	Bachelor's degree
Transportation, Distribution, and Logistics	Drone (Unmanned Flight)	53-2012	Commercial Pilots	24%	\$96,624	HIGH/HIGH	246	305	36	Recognized Industry Credential
Transportation, Distribution, and Logistics		53-2031	Flight Attendants	68%	\$65,328	HIGH/HIGH	199	336	45	Some College, No Degree
Transportation, Distribution, and Logistics		53-1041	Aircraft Cargo Handling Supervisors	39%	\$64,223	HIGH/HIGH	58	80	10	Some College, No Degree
Transportation, Distribution, and Logistics		53-2021	Air Traffic Controllers	29%	\$149,657	HIGH/HIGH	95	123	13	Associate's degree
Transportation, Distribution, and Logistics		53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling	25%	\$56,336	HIGH/HIGH	3,470	4,334	506	Some College, No Degree
Transportation, Distribution, and Logistics		53-4041	Subway and Streetcar Operators	24%	\$57,937	HIGH/HIGH	115	143	14	High school diploma or equivalent
Transportation, Distribution, and Logistics		49-2093	Electrical and Electronics Installers and Repairers, Transportation	24%	\$68,396	HIGH/HIGH	102	127	11	Recognized Industry Credential

	Nor	th Centr	al Texas Workforce Develo	opment A	Area (4) La	bor Market In				
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	Competitive Education Requirement
Transportation, Distribution, and Logistics		53-2022	Airfield Operations Specialists	23%	\$73,366	HIGH/HIGH	58	72	8	Some College, No Degree
Transportation, Distribution, and Logistics		47-4061	Rail-Track Laying and Maintenance Equipment Operators	21%	\$59,006	LOW/HIGH	111	134	13	High school diploma or equivalent
Transportation, Distribution, and Logistics		53-4011	Locomotive Engineers	20%	\$85,227	LOW/HIGH	334	400	39	Recognized Industry Credential
Transportation, Distribution, and Logistics		53-6041	Traffic Technicians	19%	\$47,471	LOW/HIGH	74	88	12	Associate's degree
Transportation, Distribution, and Logistics		53-4031	Railroad Conductors and Yardmasters	19%	\$60,197	LOW/HIGH	403	479	46	Recognized Industry Credential
Transportation, Distribution, and Logistics		49-9097	Signal and Track Switch Repairers	18%	\$71,877	LOW/HIGH	60	71	8	High school diploma or equivalent
Transportation, Distribution, and Logistics		53-3032	Heavy and Tractor-Trailer Truck Drivers	18%	\$47,834	LOW/HIGH	16,790	19,805	2,345	Recognized Industry Credential
Transportation, Distribution, and Logistics		53-5022	Motorboat Operators	18%	\$61,852	LOW/HIGH	46	54	6	Recognized Industry Credential
Transportation, Distribution, and Logistics		53-5021	Captains, Mates, and Pilots of Water Vessels	17%	\$56,376	LOW/HIGH	147	172	19	Associate's degree

			al Texas Workforce Develo		, ,		Annual	Annual		
State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Average Employment 2020	Average	Total Annual Openings	Competitive Education Requirement
Transportation, Distribution, and Logistics	Trog.um or ottaly	53-6011	Bridge and Lock Tenders	16%	\$57,014	LOW/HIGH	39	45	6	High school diploma or equivalent
Transportation, Distribution, and Logistics		53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive	14%	\$69,163	LOW/HIGH	135	153	15	High school diploma or equivalent
Transportation, Distribution, and Logistics		49-3043	Rail Car Repairers	11%	\$50,245	LOW/HIGH	156	174	19	High school diploma or equivalent
Transportation, Distribution, and Logistics		53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	9%	\$47,881	LOW/HIGH	29	32	3	High school diploma or equivalent
Transportation, Distribution, and Logistics		53-5031	Ship Engineers	9%	\$82,490	LOW/HIGH	48	53	7	Associate's degree
Transportation, Distribution, and Logistics		53-4099	Rail Transportation Workers, All Other	0%	\$61,786	LOW/HIGH	18	18	2	High school diploma or equivalent
Transportation, Distribution, and Logistics		49-3091	Bicycle Repairers	112%	\$30,289	HIGH/LOW	29	62	9	High school diploma or equivalent
Transportation, Distribution, and Logistics		49-3092	Recreational Vehicle Service Technicians	71%	\$44,388	HIGH/LOW	48	82	11	High school diploma or equivalent
Transportation, Distribution, and Logistics		49-3052	Motorcycle Mechanics	44%	\$35,416	HIGH/LOW	67	96	13	High school diploma or equivalent

							Annual	Annual		
					Median	Growth	Average	Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Transportation, Distribution, and Logistics		43-5011	Cargo and Freight Agents	39%	\$40,622	HIGH/LOW	484	673	77	High school diploma or equivalent
Transportation, Distribution, and Logistics		49-3051	Motorboat Mechanics and Service Technicians	36%	\$36,165	HIGH/LOW	147	199	25	Recognized Industry Credential
Transportation, Distribution, and Logistics		53-7062	Laborers and Freight, Stock, and Material Movers, Hand	33%	\$31,016	HIGH/LOW	15,168	20,226	2,870	High school diploma or equivalent
Transportation, Distribution, and Logistics		53-3033	Light Truck Drivers	32%	\$36,774	HIGH/LOW	5,547	7,334	897	High school diploma or equivalent
Transportation, Distribution, and Logistics		53-3099	Motor Vehicle Operators, All Other	31%	\$32,345	HIGH/LOW	336	439	72	High school diploma or equivalent
Transportation, Distribution, and Logistics		53-3052	Bus Drivers, Transit and Intercity	31%	\$45,373	HIGH/LOW	815	1,064	135	High school diploma or equivalent
Transportation, Distribution, and Logistics		53-3058	Passenger Vehicle Drivers, Except Bus Drivers, Transit and Intercity	29%	\$26,890	HIGH/LOW	4,972	6,431	806	High school diploma or equivalent
Transportation, Distribution, and Logistics		49-3022	Automotive Glass Installers and Repairers	29%	\$39,272	HIGH/LOW	77	100	11	High school diploma or equivalent
Transportation, Distribution, and Logistics		53-7199	Material Moving Workers, All Other	29%	\$26,183	HIGH/LOW	150	193	25	High school diploma or equivalent

	.401		al Texas Workforce Devel		ou (+) L u	Joi market m	Annual	Annual		
State Career				Growth	Median Annual	Growth Wage	Average Employment	Average Employment	Total Annual	Competitive Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Transportation, Distribution, and Logistics		53-3011	Ambulance Drivers and Attendants, Except Emergency Medical	28%	\$28,801	HIGH/LOW	243	312	38	High school diploma or equivalent
Transportation, Distribution, and Logistics		53-6098	Aircraft Service Attendants and Transportation Workers, All Other	27%	\$33,846	HIGH/LOW	77	98	14	High school diploma or equivalent
Transportation, Distribution, and Logistics		53-7051	Industrial Truck and Tractor Operators	24%	\$37,214	HIGH/LOW	5,631	7,002	830	High school diploma or equivalent
Transportation, Distribution, and Logistics		49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	24%	\$36,071	HIGH/LOW	26	32	3	Recognized Industry Credential
Transportation, Distribution, and Logistics		53-7061	Cleaners of Vehicles and Equipment	23%	\$23,677	HIGH/LOW	3,448	4,249	612	No formal educational credential
Transportation, Distribution, and Logistics		53-7064	Packers and Packagers, Hand	22%	\$25,802	LOW/LOW	2,786	3,402	498	No formal educational credential
Transportation, Distribution, and Logistics		43-5032	Dispatchers, Except Police, Fire, and Ambulance	18%	\$38,722	LOW/LOW	1,350	1,597	160	High school diploma or equivalent
Transportation, Distribution, and Logistics		53-5011	Sailors and Marine Oilers	18%	\$41,024	LOW/LOW	113	133	17	High school diploma or equivalent
Transportation, Distribution, and Logistics		43-5071	Shipping, Receiving, and Inventory Clerks	13%	\$33,534	LOW/LOW	5,964	6,714	690	High school diploma or equivalent

State Career Cluster	Nor Program of Study	th Centr	al Texas Workforce Deve Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Annual Average Employment 2020	Annual Average	Total Annual Openings	Competitive Education Requirement
Transportation, Distribution, and Logistics		49-3093	Tire Repairers and Changers	11%	\$28,001	LOW/LOW	882	982	117	High school diploma or equivalent
Transportation, Distribution, and Logistics		51-9197	Tire Builders	6%	\$29,744	LOW/LOW	64	68	8	High school diploma or equivalent
Transportation, Distribution, and Logistics		53-7121	Tank Car, Truck, and Ship Loaders	5%	\$32,931	LOW/LOW	192	201	25	High school diploma or equivalent
Summary		00-0000	Total, All Occupations	23%	\$45,375	HIGH/HIGH	1,162,175	1,457,169	174,339	

Data Sources

Standard Occupational Classification (SOC) code, Occupational Title, Growth Rate, Median Annual Wage, Annual Average Employment Base Year and Projection Year, and Total 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 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 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 career 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/academics/college-