	Go	lden Cre	escent Workforce Develop	ment Are	ea (19) Lab	or Market Info	ormation, 202	0 - 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	Agribusiness		Buyers and Purchasing Agents	(3%)	\$50,324	LOW/HIGH	163	157	16	Bachelor's degree
Agriculture, Food, and Natural	Agribusiness	13-2071	Credit Counselors	(7%)	\$37,884	LOW/LOW	12	11	1	Bachelor's degree
Agriculture, Food, and Natural	Agribusiness, Applied Agricultural Engineering, Plant	11-9013	Farmers, Ranchers, and Other Agricultural Managers	6%	\$33,587	LOW/LOW	1,205	1,279	132	Bachelor's degree
Agriculture, Food, and Natural	Animal Science	19-1042	Medical Scientists, Except Epidemiologists	41%	\$60,974	HIGH/HIGH	19	27	2	Doctoral or professional degree
Agriculture, Food, and Natural	Animal Science	29-1131	Veterinarians	18%	\$97,470	HIGH/HIGH	41	48	2	Doctoral or professional degree
Agriculture, Food, and Natural	Animal Science	19-1099	Life Scientists, All Other	7%	\$66,936	LOW/HIGH	16	17	1	Master's degree
Agriculture, Food, and Natural	Animal Science	19-1031	Conservation Scientists	5%	\$66,400	LOW/HIGH	28	29	3	Bachelor's degree
Agriculture, Food, and Natural	Applied Agricultural Engineering	17-1011	Architects, Except Landscape and Naval	28%	\$70,430	HIGH/HIGH	25	32	3	Bachelor's degree
Agriculture, Food, and Natural	Applied Agricultural Engineering	51-4121	Welders, Cutters, Solderers, and Brazers	12%	\$44,744	HIGH/HIGH	466	521	59	Recognized Industry Credential

	Go	lden Cre	escent Workforce Develop	ment Are	ea (19) Lab	or Market Info	ormation, 202	0 - 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	Applied Agricultural Engineering	49-9041	Industrial Machinery Mechanics	10%	\$49,929	HIGH/HIGH	567	623	57	Recognized Industry Credential
Agriculture, Food, and Natural	Applied Agricultural Engineering	49-3042	Mobile Heavy Equipment Mechanics, Except Engines	3%	\$51,905	LOW/HIGH	165	170	17	Recognized Industry Credential
Agriculture, Food, and Natural	Applied Agricultural Engineering	49-3041	Farm Equipment Mechanics and Service Technicians	13%	\$36,085	HIGH/LOW	27	31	3	High school diploma or equivalent
Agriculture, Food, and Natural	Applied Agricultural Engineering	49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	9%	\$27,344	HIGH/LOW	19	21	3	High school diploma or equivalent
Agriculture, Food, and Natural	Environmental and Natural Resources	19-4042	Environmental Science and Protection Technicians, Including Health	23%	\$42,006	HIGH/HIGH	34	42	6	Associate's degree
Agriculture, Food, and Natural	Environmental and Natural Resources	19-2041	Environmental Scientists and Specialists, Including Health	20%	\$76,511	HIGH/HIGH	22	26	3	Bachelor's degree
Agriculture, Food, and Natural	Environmental and Natural Resources	17-2081	Environmental Engineers	(10%)	\$92,750	LOW/HIGH	30	27	2	Master's degree
Agriculture, Food, and Natural	Food Science and Technology	19-4011	Agricultural and Food Science Technicians	25%	\$40,034	HIGH/HIGH	15	19	3	Associate's degree
Agriculture, Food, and Natural	Food Science and Technology	11-1021	General and Operations Managers	12%	\$79,743	HIGH/HIGH	1,475	1,653	147	Bachelor's degree

	Go	lden Cre	escent Workforce Develop	oment Are	ea (19) Lab	or Market Info	ormation, 202	0 - 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	Food Science and Technology	51-1011	First-Line Supervisors of Production and Operating Workers	3%	\$56,381	LOW/HIGH	515	531	54	Some College, No Degree
Agriculture, Food, and Natural	Food Science and Technology	51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	5%	\$34,634	LOW/LOW	410	429	55	Recognized Industry Credential
Agriculture, Food, and Natural	Plant Science	19-4021	Biological Technicians	63%	\$36,288	HIGH/LOW	11	18	2	Bachelor's degree
Agriculture, Food, and Natural	Plant Science	37-3013	Tree Trimmers and Pruners	12%	\$31,219	HIGH/LOW	35	39	5	No formal educational credential
Agriculture, Food, and Natural Resources	Plant Science	37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	11%	\$35,565	HIGH/LOW	155	172	19	Some College, No Degree
Agriculture, Food, and Natural	Plant Science	37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	6%	\$32,994	LOW/LOW	29	30	4	High school diploma or equivalent
Agriculture, Food, and Natural		47-5041	Continuous Mining Machine Operators	30%	\$44,141	HIGH/HIGH	12	16	2	High school diploma or equivalent
Agriculture, Food, and Natural		45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	13%	\$44,016	HIGH/HIGH	73	83	12	High school diploma or equivalent

	Go	lden Cre	escent Workforce Develop	ment Are	ea (19) Lab	or Market Info	ormation, 202	0 - 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		51-8031	Water and Wastewater Treatment Plant and System Operators	8%	\$39,064	LOW/HIGH	143	154	15	Recognized Industry Credential
Agriculture, Food, and Natural		45-3031	Fishing and Hunting Workers	61%	\$35,653	HIGH/LOW	181	291	47	No formal educational credential
Agriculture, Food, and Natural Resources		47-5097	Earth Drillers, Except Oil and Gas; and Explosives Workers, Ordnance Handling	59%	\$37,313	HIGH/LOW	24	37	5	High school diploma or equivalent
Agriculture, Food, and Natural		37-2021	Pest Control Workers	43%	\$30,396	HIGH/LOW	43	62	9	High school diploma or equivalent
Agriculture, Food, and Natural		39-2021	Animal Caretakers	43%	\$23,168	HIGH/LOW	181	258	40	High school diploma or equivalent
Agriculture, Food, and Natural		53-7081	Refuse and Recyclable Material Collectors	35%	\$29,802	HIGH/LOW	40	54	8	No formal educational credential
Agriculture, Food, and Natural		47-5022	Excavating and Loading Machine and Dragline Operators, Surface	27%	\$36,378	HIGH/LOW	47	59	8	High school diploma or equivalent
Agriculture, Food, and Natural		31-9096	Veterinary Assistants and Laboratory Animal Caretakers	20%	\$23,078	HIGH/LOW	54	65	11	High school diploma or equivalent

			escent Workforce Develop		, ,					
							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,		29-2056	Veterinary Technologists and	14%	\$31,290	HIGH/LOW	92	105	9	Associate's
Food,			Technicians							degree
and Natural										
Recources										
Agriculture,		45-2091	Agricultural Equipment	14%	\$26,264	HIGH/LOW	120	137	22	No formal
Food,			Operators							educational
and Natural			<u>'</u>							credential
Racourcas										0.000
Agriculture,		45-2092	Farmworkers and Laborers,	14%	\$26,893	HIGH/LOW	898	1,025	166	No formal
Food,			Crop,							educational
and Natural			Nursery, and Greenhouse							credential
Resources			Transcript and Creekinguse							0.000.000
Agriculture,		51-3022	Meat, Poultry, and Fish Cutters	12%	\$23,912	HIGH/LOW	155	174	22	No formal
Food,			and							educational
and Natural			Trimmers							credential
Resources										0.000.000
Agriculture,		45-2041	Graders and Sorters,	8%	\$26,143	LOW/LOW	72	78	12	No formal
Food,			Agricultural							educational
and Natural			Products							credential
Recources										
Agriculture,		41-2022	Parts Salespersons	4%	\$30,464	LOW/LOW	233	242	29	High school
Food,										diploma or
and Natural										equivalent
Racourcas										·
Agriculture,		51-3021	Butchers and Meat Cutters	3%	\$30,316	LOW/LOW	187	192	23	Recognized
Food,										Industry
and Natural										Credential
Racourcas										
Agriculture,		45-2099	Agricultural Workers, All Other	2%	\$25 <i>,</i> 555	LOW/LOW	118	120	20	No formal
Food,										educational
and Natural										credential
Recources										
Agriculture,		45-2093	Farmworkers, Farm, Ranch, and	0%	\$21,925	LOW/LOW	383	384	63	No formal
Food,			Aquacultural Animals							educational
and Natural										credential
Resources										

	Go	lden Cre	escent Workforce Develop	ment Are	ea (19) Lab	or Market Inf	ormation, 202	0 - 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	28%	\$70,430	HIGH/HIGH	25	32	3	Bachelor's degree
Architecture and Construction	Architectural Design	27-1025	Interior Designers	22%	\$50,046	HIGH/HIGH	17	20	2	Bachelor's degree
Architecture and Construction	Architectural Design	17-3011	Architectural and Civil Drafters	6%	\$51,804	LOW/HIGH	36	38	4	Associate's degree
Architecture and Construction	Architectural Design	17-1021	Cartographers and Photogrammetrists	(9%)	\$60,838	LOW/HIGH	22	20	2	Bachelor's degree
Architecture and Construction	Architectural Design, Construction Management and	11-9021	Construction Managers	28%	\$66,608	HIGH/HIGH	491	631	55	Bachelor's degree
Architecture and Construction	Carpentry	47-2031	Carpenters	15%	\$37,671	HIGH/LOW	633	727	74	Recognized Industry Credential
Architecture and Construction	Carpentry, Construction Management and Inspection, Electrical, HVAC and Sheet Metal, Masonry, Plumbing and	13-1051	Cost Estimators	17%	\$64,582	HIGH/HIGH	85	99	11	Bachelor's degree
Architecture and Construction	Construction Management and Inspection	47-4011	Construction and Building Inspectors	18%	\$48,882	HIGH/HIGH	45	54	7	Recognized Industry Credential
Architecture and Construction		49-9052	Telecommunications Line Installers and Repairers	42%	\$56,890	HIGH/HIGH	50	71	9	Recognized Industry Credential
Architecture and Construction	Electrical	47-2111	Electricians	25%	\$48,963	HIGH/HIGH	1,124	1,411	162	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
Architecture and Construction	Electrical	49-9051	Electrical Power-Line Installers and Repairers	24%	\$61,037	HIGH/HIGH	128	159	16	Recognized Industry Credential
Architecture and Construction	Electrical	49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	5%	\$48,515	LOW/HIGH	99	104	12	Recognized Industry Credential
Architecture and Construction	Electrical	49-2098	Security and Fire Alarm Systems Installers	37%	\$31,904	HIGH/LOW	42	57	7	Recognized Industry Credential
Architecture and Construction	Electrical	49-2097	Audiovisual Equipment Installers and Repairers	13%	\$34,440	HIGH/LOW	18	21	2	Recognized Industry Credential
Architecture and Construction	HVAC and Sheet Metal	49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	9%	\$41,067	HIGH/HIGH	153	166	18	Recognized Industry Credential
Architecture and Construction	HVAC and Sheet Metal	47-2211		16%	\$37,795	HIGH/LOW	71	83	9	High school diploma or equivalent
Architecture and Construction	Masonry	47-2021	Brickmasons and Blockmasons	(17%)	\$58,185	LOW/HIGH	54	45	5	High school diploma or equivalent
Architecture and Construction	Masonry	47-2051	Cement Masons and Concrete Finishers	(10%)	\$38,022	LOW/LOW	227	203	21	No formal educational credential
Architecture and Construction	Plumbing and Pipefitting	47-2152	Plumbers, Pipefitters, and Steamfitters	5%	\$44,517	LOW/HIGH	465	488	53	Recognized Industry Credential
Architecture and Construction	Plumbing and Pipefitting	47-2151	Pipelayers	17%	\$35,750	HIGH/LOW	85	100	11	High school diploma or
Architecture and Construction	Plumbing and Pipefitting	47-3015	HelpersPipelayers, Plumbers, Pipefitters, and Steamfitters	2%	\$29,460	LOW/LOW	70	72	9	High school diploma or

					-		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		47-4098	Miscellaneous Construction and	46%	\$49,746	HIGH/HIGH	13	18	3	High school
Construction			Related Workers							diploma or
Architecture and		47-4041	Hazardous Materials Removal	25%	\$40,662	HIGH/HIGH	20	26	4	High school
Construction			Workers			·				diploma or
										equivalent
Architecture and		47-2081	Drywall and Ceiling Tile	20%	\$44,785	HIGH/HIGH	42	51	5	No formal
Construction			Installers							educational
A l		47 2072	0	200/	Ć 45.000	111611/111611	F04	502	60	credential
Architecture and		47-2073	Operating Engineers and Other	20%	\$45,898	HIGH/HIGH	504	603	68	High school
Construction			Construction Equipment							diploma or
Architecture and		47-3012	Onerators HelpersCarpenters	16%	\$43,314	HIGH/HIGH	20	23	3	equivalent No formal
Construction					¥ .5,5 = .					educational
										credential
Architecture and		47-4021	Elevator and Escalator Installers	15%	\$71,670	HIGH/HIGH	20	23	2	Recognized
Construction			and							Industry
			Renairers							Credential
Architecture and		53-7041	Hoist and Winch Operators	12%	\$54,088	HIGH/HIGH	28	31	4	High school
Construction										diploma or
Architecture and		17-2051	Civil Engineers	11%	\$73,215	HIGH/HIGH	146	162	13	equivalent Bachelor's
Construction		17-2031	Civil Eligineers	11/0	773,213	manyman	140	102	13	degree
Construction										ucgicc
Architecture and		47-2041	Carpet Installers	11%	\$45,087	HIGH/HIGH	20	22	2	No formal
Construction										educational
										credential
Architecture and		49-9012	Control and Valve Installers and	8%	\$49,143	LOW/HIGH	71	77	7	Recognized
Construction			Repairers, Except Mechanical							Industry
			Door							Credential
Architecture and		47-2221	Structural Iron and Steel	8%	\$40,797	LOW/HIGH	55	59	7	High school
Construction			Workers							diploma or
										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
Architecture and		47-2181	Roofers	7%	\$38,751	LOW/HIGH	70	75	8	No formal educational
Construction										credential
Architecture and		47-2121	Glaziers	(2%)	\$42,986	LOW/HIGH	36	35	4	High school
Construction				(,	, ,	,				diploma or
										equivalent
Architecture and		47-2131	Insulation Workers, Floor,	(3%)	\$53,974	LOW/HIGH	30	29	3	High school
Construction			Ceiling, and							diploma or
			Wall							equivalent
Architecture and		49-9096	Riggers	(3%)	\$39,688	LOW/HIGH	77	75	8	High school
Construction										diploma or
A		17 2022	Civil Funciona aviana Tankaraha siata	/ F0/\	¢20.400	LOW/IIICH	445	100	11	equivalent Associate's
Architecture and		17-3022	Civil Engineering Technologists	(5%)	\$38,480	LOW/HIGH	115	109	11	
Construction			and							degree
Architecture and		49-2095	Technicians Electrical and Electronics	(7%)	\$72,156	LOW/HIGH	36	33	3	Recognized
Construction			Repairers,	(,,,,,	Ψ. Ξ,Ξοσ	2011,1				Industry
CONSCI GCCION			Powerhouse, Substation, and							Credential
			Relay							Creacitian
Architecture and		53-7021	Crane and Tower Operators	(10%)	\$65,370	LOW/HIGH	161	145	16	Recognized
Construction										Industry
										Credential
Architecture and		47-2141	Painters, Construction and	93%	\$35,003	HIGH/LOW	292	564	66	No formal
Construction			Maintenance							educational
Architecture and		47 2014	Hologra Daintors	81%	Ć2F 074	HIGH/LOW	26	48	7	credential No formal
		47-3014	HelpersPainters,	81%	\$35,874	HIGH/LOW	20	48	/	
Construction			Paperhangers, Plasterers and Stucco Masons							educational credential
Architecture and		47-2071	Paving, Surfacing, and Tamping	38%	\$36,343	HIGH/LOW	10	14	2	High school
Construction		., 20,1	Equipment Operators	3370	+00,010				_	diploma or
201.30 400.011			Equipment operators							equivalent
Architecture and		47-3019	Helpers, Construction Trades,	33%	\$32,022	HIGH/LOW	19	26	3	No formal
Construction			All Other			-				educational
										credential

					Median	Growth	Annual Average	Annual Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
	Dunament of Chief		Comment and Title			_	1			
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Architecture and		47-2044	Tile and Stone Setters	29%	\$31,261	HIGH/LOW	28	36	4	No formal
Construction										educational
Architecture and		47 4071	Septic Tank Servicers and Sewer	260/	¢21.2E0	HIGH/LOW	19	23	3	credential
		47-4071	'	26%	\$31,358	HIGH/LOW	19	25	3	No formal
Construction			Pipe							educational
Architecture and		49-9031	Cleaners Home Appliance Repairers	20%	\$34,893	HIGH/LOW	14	17	2	credential Recognized
Construction		75 5051	Tiome Appliance Repairers	2070	754,055	TildriyLow			_	Industry
Construction										Credential
Architecture and		47-2061	Construction Laborers	18%	\$32,283	HIGH/LOW	1,441	1,696	182	No formal
Construction					. ,	,	,	,		educational
										credential
Architecture and		51-8021	Stationary Engineers and Boiler	17%	\$32,550	HIGH/LOW	14	17	2	Recognized
Construction			Operators							Industry
										Credential
Architecture and		37-3011	Landscaping and	14%	\$24,814	HIGH/LOW	705	802	108	No formal
Construction			Groundskeeping							educational
			Workers	100/	4001		221			credential
Architecture and		49-9071	Maintenance and Repair	13%	\$35,721	HIGH/LOW	984	1,117	112	High school
Construction			Workers,							diploma or
Architecture and		47-4051	General Highway Maintenance Workers	12%	\$29,448	HIGH/LOW	76	85	9	equivalent High school
		47-4031	nighway Maintenance Workers	12/0	323,440	HIGH/LOW	70	65	9	•
Construction										diploma or
Architecture and		47-4031	Fence Erectors	9%	\$29,660	HIGH/LOW	38	42	4	equivalent No formal
Construction		17 1031	Tenee Erectors	3,0	Ų23,000	111311,2011		12	·	educational
										credential
Architecture and		47-3013	HelpersElectricians	8%	\$29,548	LOW/LOW	169	182	24	High school
Construction						,				diploma or
										equivalent
Architecture and		51-2041	Structural Metal Fabricators and	5%	\$38,331	LOW/LOW	77	80	9	High school
Construction			Fitters							diploma or
										equivalent
Architecture and		47-2171	Reinforcing Iron and Rebar	1%	\$37,814	LOW/LOW	27	28	3	High school
Construction			Workers							diploma or
										equivalent

	Go	lden Cre	escent Workforce Develop	ment Are	ea (19) Lab	or Market Info	ormation, 202	0 - 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		49-9098	HelpersInstallation, Maintenance, and Repair Workers	1%	\$35,485	LOW/LOW	82	82	11	High school diploma or equivalent
Architecture and Construction		53-7011	Conveyor Operators and Tenders	(5%)	\$29,749	LOW/LOW	71	68	8	Some College, No Degree
Architecture and Construction		47-2161	Plasterers and Stucco Masons	(18%)	\$36,662	LOW/LOW	25	21	2	No formal educational credential
Arts, Audio/Visual Technology, and Communications	Design and Multi Media Arts	27-1024	Graphic Designers	29%	\$41,287	HIGH/HIGH	41	53	5	Bachelor's degree
Arts, Audio/Visual Technology, and Communications	Digital Communications	27-4011	Audio and Video Technicians	(1%)	\$43,210	LOW/HIGH	49	48	5	Associate's degree
Arts, Audio/Visual Technology, and Communications	Printing and Imaging	51-5112	Printing Press Operators	12%	\$40,035	HIGH/HIGH	67	76	9	High school diploma or equivalent
Arts, Audio/Visual Technology, and Communications	Printing and Imaging	27-1011	Art Directors	42%	\$31,593	HIGH/LOW	17	24	3	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
Arts, Audio/Visual Technology, and Communications	Program or Study		Miscellaneous Entertainers and Performers, Sports and Related Workers	58%	\$38,740	HIGH/HIGH	10	16	2	Some College, No Degree
Arts, Audio/Visual Technology, and Communications		27-2012	Producers and Directors	30%	\$67,630	HIGH/HIGH	26	34	3	Bachelor's degree
Arts, Audio/Visual Technology, and Communications		27-2042	Musicians and Singers	21%	\$47,378	HIGH/HIGH	88	107	13	Some College, No Degree
Arts, Audio/Visual Technology, and Communications		27-3043	Writers and Authors	15%	\$40,177	HIGH/HIGH	28	33	3	Bachelor's degree
Arts, Audio/Visual Technology, and Communications		27-2041	Music Directors and Composers	12%	\$53,879	HIGH/HIGH	29	33	4	Bachelor's degree
Arts, Audio/Visual Technology, and Communications		51-5111	Prepress Technicians and Workers	7%	\$42,724	LOW/HIGH	10	11	2	Recognized Industry Credential

	Go	lden Cre	escent Workforce Develop	ment Are	ea (19) Lab	or Market Info	ormation, 202	0 - 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		27-3041	Editors	(21%)	\$49,065	LOW/HIGH	31	24	3	Bachelor's degree
Arts, Audio/Visual Technology, and Communications		27-4021	Photographers	44%	\$33,159	HIGH/LOW	68	99	11	Some College, No Degree
Arts, Audio/Visual Technology, and Communications		27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	34%	\$16,864	HIGH/LOW	18	24	3	Bachelor's degree
Business, Marketing, and Finance	Accounting and Financial Services	13-2052	Personal Financial Advisors	18%	\$82,576	HIGH/HIGH	117	138	12	Bachelor's degree
Business, Marketing, and Finance	Accounting and Financial Services	11-3031	Financial Managers	18%	\$103,534	HIGH/HIGH	185	217	18	Bachelor's degree
Business, Marketing, and Finance	Accounting and Financial Services	13-1031	Claims Adjusters, Examiners, and Investigators	12%	\$50,349	HIGH/HIGH	39	44	4	Some College, No Degree
Business, Marketing, and Finance	Accounting and Financial Services	41-3031	Securities, Commodities, and Financial Services Sales Agents	10%	\$60,355	HIGH/HIGH	112	123	11	Bachelor's degree
Business, Marketing, and Finance	Accounting and Financial Services	13-2011	Accountants and Auditors	9%	\$71,098	HIGH/HIGH	481	523	50	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
Business, Marketing, and Finance	Accounting and Financial Services	13-2098	Financial and Investment Analysts, Financial Risk Specialists, and Financial	6%	\$69,636	LOW/HIGH	118	126	11	Bachelor's degree
Business, Marketing, and Finance	Accounting and Financial Services	13-2053	Insurance Underwriters	5%	\$62,660	LOW/HIGH	10	11	1	Bachelor's degree
Business, Marketing, and Finance	Accounting and Financial Services	13-2072	Loan Officers	(11%)	\$54,628	LOW/HIGH	153	137	11	Bachelor's degree
Business, Marketing, and Finance	Accounting and Financial Services	13-2041	Credit Analysts	(15%)	\$60,720	LOW/HIGH	21	18	2	Bachelor's degree
Business, Marketing, and Finance	Accounting and Financial Services, Business Management	11-3011	Administrative Services and Facilities Managers	5%	\$86,588	LOW/HIGH	163	171	15	Bachelor's degree
Business, Marketing, and Finance	Business Management	13-1071	Human Resources Specialists	17%	\$53,083	HIGH/HIGH	192	224	23	Bachelor's degree
Business, Marketing, and Finance	Business Management	13-1141	Compensation, Benefits, and Job Analysis Specialists	10%	\$52,789	HIGH/HIGH	16	17	2	Bachelor's degree
Business, Marketing, and Finance	Business Management	11-3121	Human Resources Managers	9%	\$103,665	HIGH/HIGH	37	40	4	Bachelor's degree
Business, Marketing, and Finance	Business Management	43-1011	First-Line Supervisors of Office and Administrative Support Workers	(0%)	\$51,113	LOW/HIGH	643	642	66	Some College, No Degree
Business, Marketing, and Finance	Business Management	13-1151	Training and Development Specialists	(2%)	\$54,153	LOW/HIGH	205	200	19	Bachelor's degree

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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	Business Management		Human Resources Assistants, Except Payroll and Timekeening	1%	\$32,517	LOW/LOW	37	37	4	Associate's degree
Business, Marketing, and Finance	Business Management, Entrepreneurship	13-1111		13%	\$94,722	HIGH/HIGH	179	203	20	Master's degree
Business, Marketing, and Finance	Business Management, Entrepreneurship	11-1021	General and Operations Managers	12%	\$79,743	HIGH/HIGH	1,475	1,653	147	Bachelor's degree
Business, Marketing, and Finance	Entrepreneurship	11-9198	Personal Service Managers, All Other; Entertainment and Recreation Managers, Except Gambling; and Managers, All	23%	\$74,819	HIGH/HIGH	501	619	53	Bachelor's degree
Business, Marketing, and	Entrepreneurship	11-1011	Chief Executives	12%	\$126,033	HIGH/HIGH	82	92	8	Bachelor's degree
Finance Business, Marketing, and Finance	Marketing and Sales	13-1161	Market Research Analysts and Marketing Specialists	37%	\$49,789	HIGH/HIGH	109	150	17	Bachelor's degree
Business, Marketing, and Finance	Marketing and Sales	41-3021	Insurance Sales Agents	18%	\$47,160	HIGH/HIGH	316	373	37	Recognized Industry Credential
Business, Marketing, and Finance	Marketing and Sales	41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and	12%	\$57,553	HIGH/HIGH	637	714	74	Some College, No Degree
Business, Marketing, and Finance	Marketing and Sales	11-3061	Purchasing Managers	11%	\$115,354	HIGH/HIGH	11	13	1	Bachelor's degree
Business, Marketing, and Einance	Marketing and Sales	41-1011	First-Line Supervisors of Retail Sales Workers	5%	\$39,542	LOW/HIGH	907	948	105	Some College, No Degree

	Go	lden Cre	escent Workforce Develop	ment Are	ea (19) Lab	or Market Info	ormation, 202	0 - 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		41-9021	Real Estate Brokers	23%	\$70,267	HIGH/HIGH	51	63	6	Recognized Industry Credential
Business, Marketing, and Finance		41-9022	Real Estate Sales Agents	21%	\$45,078	HIGH/HIGH	194	234	23	Recognized Industry Credential
Business, Marketing, and Finance		11-2031	Public Relations and Fundraising Managers	21%	\$103,182	HIGH/HIGH	22	26	3	Bachelor's degree
Business, Marketing, and Finance		13-2082	Tax Preparers	16%	\$50,714	HIGH/HIGH	37	43	5	Recognized Industry Credential
Business, Marketing, and Finance		11-2022	Sales Managers	15%	\$115,832	HIGH/HIGH	105	121	11	Bachelor's degree
Business, Marketing, and Finance		27-3031	Public Relations Specialists	12%	\$52,070	HIGH/HIGH	87	97	10	Bachelor's degree
Business, Marketing, and Finance		13-1198	Project Management Specialists and Business Operations Specialists,	11%	\$73,385	нідн/нідн	425	472	38	Bachelor's degree
Business, Marketing, and Finance		41-3011	Advertising Sales Agents	10%	\$40,907	HIGH/HIGH	20	21	3	Some College, No Degree
Business, Marketing, and Finance		41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services,	9%	\$55,479	HIGH/HIGH	507	554	66	Bachelor's degree
Business, Marketing, and		23-2093	Title Examiners, Abstractors, and	6%	\$49,837	LOW/HIGH	10	11	1	Some College, No Degree
Finance Business, Marketing, and Finance		41-1012	Searchers First-Line Supervisors of Non- Retail Sales Workers	(2%)	\$57,679	LOW/HIGH	161	157	15	Some College, No Degree

	Go	lden Cre	escent Workforce Develop	ment Are	a (19) Lab	or Market Info	ormation, 202	0 - 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,		43-6011	Executive Secretaries and	(13%)	\$51,154	LOW/HIGH	130	113	13	Some College,
Marketing, and			Executive							No Degree
Finance			Administrative Assistants							
Business,		43-5021	Couriers and Messengers	37%	\$28,578	HIGH/LOW	36	49	5	High school
Marketing, and										diploma or
Finance										equivalent
Business,		41-9011	Demonstrators and Product	22%	\$31,112	HIGH/LOW	20	25	4	High school
Marketing, and			Promoters		. ,	,				diploma or
Finance										equivalent
Business,		53-3031	Driver/Sales Workers	18%	\$21,391	HIGH/LOW	350	414	48	High school
Marketing, and					, ,	, -				diploma or
Finance										equivalent
Business,		43-9199	Office and Administrative	17%	\$35,100	HIGH/LOW	53	63	7	Some College,
Marketing, and			Support	27,0	400,200				,	No Degree
Finance			Workers All Other							No Degree
Business,		27-1023	Floral Designers	14%	\$22,196	HIGH/LOW	12	14	2	High school
Marketing, and		2, 1023	Tioral Designers	2170	ŲLL,130	111011,2011			_	diploma or
Finance										equivalent
Business,		43-4199	Information and Record Clerks,	10%	\$32,154	HIGH/LOW	43	47	5	Some College,
Marketing, and		75 7155	All Other	1070	732,134	THOIT, LOW	75	7/		No Degree
_ ·			All Other							No Degree
Finance Business,		53-6031	Automotive and Watercraft	8%	\$26,013	LOW/LOW	73	79	11	High school
Marketing, and		33-0031	Service	070	720,013	LOVV/LOVV	/5	/5	11	diploma or
										·
Finance Business,		41 2021	Attendants Retail Salespersons	8%	\$23,140	LOW/LOW	2,639	2,840	405	equivalent High school
· ·		41-2031	Retail Salespersoris	0/0	\$25,140	LOVV/LOVV	2,039	2,040	403	•
Marketing, and										diploma or
Finance		27 1026	Merchandise Displayers and	7%	\$26,817	LOW/LOW	101	108	10	Some College,
Business,		27-1026		7 70	\$20,617	LOVV/LOVV	101	108	10	
Marketing, and			Window							No Degree
Finance		42.4054	Trimmers	COV	¢22.502	1004/1004/	C74	747	0.4	High ods sal
Business,		43-4051	Customer Service	6%	\$32,593	LOW/LOW	674	717	94	High school
Marketing, and			Representatives							diploma or
Finance		42.4424	Library Assistants Classes	C0/	624.206	1014/1014/	20	22	-	equivalent
Business,		43-4121	Library Assistants, Clerical	6%	\$21,296	LOW/LOW	30	32	5	Some College,
Marketing, and										No Degree
Finance										

	Go	lden Cre	escent Workforce Develop	ment Are	ea (19) Lab	or Market Inf	ormation, 202	0 - 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		53-7065	Stockers and Order Fillers	6%	\$29,694	LOW/LOW	1,100	1,167	183	High school diploma or equivalent
Business, Marketing, and Finance		43-3031	Bookkeeping, Accounting, and Auditing Clerks	2%	\$36,551	LOW/LOW	880	893	104	Some College, No Degree
Business, Marketing, and Finance		43-4171	Receptionists and Information Clerks	0%	\$27,380	LOW/LOW	440	440	57	High school diploma or equivalent
Business, Marketing, and Finance		43-6013	Medical Secretaries and Administrative Assistants	(0%)	\$30,806	LOW/LOW	371	371	42	Some College, No Degree
Business, Marketing, and Finance		43-9061	Office Clerks, General	(0%)	\$31,266	LOW/LOW	2,271	2,269	271	High school diploma or equivalent
Business, Marketing, and		41-9099	Sales and Related Workers, All Other	(1%)	\$28,862	LOW/LOW	274	272	36	Some College, No Degree
Finance Business, Marketing, and		41-2021	Counter and Rental Clerks	(2%)	\$24,978	LOW/LOW	224	219	27	High school diploma or equivalent
Finance Business, Marketing, and Finance		43-9041	Insurance Claims and Policy Processing Clerks	(4%)	\$36,714	LOW/LOW	74	71	7	High school diploma or
Business, Marketing, and Finance		43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and	(4%)	\$33,480	LOW/LOW	1,126	1,078	122	High school diploma or equivalent
Business, Marketing, and		43-3051	Payroll and Timekeeping Clerks	(8%)	\$35,916	LOW/LOW	59	55	6	Some College, No Degree
Finance Business, Marketing, and Finance		43-4151	Order Clerks	(8%)	\$30,629	LOW/LOW	30	27	3	High school diploma or equivalent

	Go	lden Cre	escent Workforce Develo	pment Are	ea (19) Lab	or Market Inf	ormation, 202	0 - 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		43-3061	Procurement Clerks	(9%)	\$36,005	LOW/LOW	15	14	1	Associate's degree
Business, Marketing, and Finance		41-9041	Telemarketers	(13%)	\$37,614	LOW/LOW	33	29	5	High school diploma or equivalent
Business, Marketing, and Finance		43-4131	Loan Interviewers and Clerks	(18%)	\$33,563	LOW/LOW	177	145	14	Associate's degree
Business, Marketing, and Einance		43-4071	File Clerks	(19%)	\$30,249	LOW/LOW	61	50	6	High school diploma or equivalent
Business, Marketing, and Finance		43-3011	Bill and Account Collectors	(19%)	\$30,383	LOW/LOW	128	103	12	High school diploma or equivalent
Business, Marketing, and Finance		41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related	(24%)	\$29,624	LOW/LOW	34	25	4	High school diploma or equivalent
Business, Marketing, and Finance		43-6012	Legal Secretaries and Administrative Assistants	(28%)	\$26,871	LOW/LOW	92	67	9	Some College, No Degree
Business, Marketing, and Finance		43-9021	Data Entry Keyers	(28%)	\$32,154	LOW/LOW	70	50	7	High school diploma or equivalent
Business, Marketing, and Finance		43-9022	Word Processors and Typists	(29%)	\$35,538	LOW/LOW	19	13	2	High school diploma or equivalent
Business, Marketing, and Finance		43-3071	Tellers	(30%)	\$26,257	LOW/LOW	388	271	34	High school diploma or
Business, Marketing, and Finance		43-4141	New Accounts Clerks	(36%)	\$32,869	LOW/LOW	119	77	9	High school diploma or

	Go	lden Cre	escent Workforce Develop	ment Are	ea (19) Lab	or Market Info	ormation, 202	0 - 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
Education and Training	Early Learning	25-2011	Preschool Teachers, Except Special Education	23%	\$39,881	HIGH/HIGH	150	184	20	Associate's degree
Education and Training	Early Learning	27-3091	Interpreters and Translators	17%	\$55,704	HIGH/HIGH	47	54	6	Bachelor's degree
Education and Training	Early Learning	25-2052	Special Education Teachers, Kindergarten and Elementary School	5%	\$49,603	LOW/HIGH	49	51	4	Bachelor's degree
Education and Training	Early Learning	25-2021	Elementary School Teachers, Except Special Education	3%	\$52,138	LOW/HIGH	969	1,000	77	Bachelor's degree
Education and Training	Early Learning	11-9032	Education Administrators, Kindergarten through Secondary	2%	\$71,523	LOW/HIGH	237	243	19	Master's degree
Education and Training	Early Learning	25-2012	Kindergarten Teachers, Except Special Education	2%	\$45,845	LOW/HIGH	51	52	6	Bachelor's degree
Education and Training	Early Learning	11-9031	Education and Childcare Administrators, Preschool and Daycare	(1%)	\$41,724	LOW/HIGH	29	28	2	Bachelor's degree
Education and Training	Early Learning, Teaching and Training	25-2058	Special Education Teachers, Secondary School	3%	\$50,552	LOW/HIGH	41	42	3	Bachelor's degree
Education and Training	Teaching and Training	25-2032	Career/Technical Education Teachers, Secondary School	4%	\$50,643	LOW/HIGH	52	54	4	Bachelor's degree
Education and Training	Teaching and Training	25-2057	Special Education Teachers, Middle	4%	\$46,734	LOW/HIGH	21	21	2	Bachelor's degree
Education and Training	Teaching and Training	25-2031	Secondary School Teachers, Except Special and Career/Technical	3%	\$49,360	LOW/HIGH	727	749	55	Bachelor's 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
Education and	Teaching and Training	25-3011	Adult Basic Education, Adult	(7%)	\$70,840	LOW/HIGH	38	36	4	Bachelor's
Training			Secondary							degree
			Education, and English as a							
			Second							
-1		25 4000	Languago Instructors	200/	d c 2 d 2 2		264	466	-4	
Education and		25-1099	Postsecondary Teachers	28%	\$63,108	HIGH/HIGH	364	466	51	Doctoral or
Training										professional
Education and		25-4022	Librarians and Media Collections	9%	\$52,638	HIGH/HIGH	60	66	6	degree Master's
Training		23-4022	Specialists	370	\$32,036	manyman	00	00	U	degree
Halling			Specialists							uegree
Education and		21-1012	Educational, Guidance, and	6%	\$57,823	LOW/HIGH	148	158	15	Master's
Training			Career							degree
			Counselors and Advisors							-
Education and		25-2022	Middle School Teachers, Except	3%	\$47,037	LOW/HIGH	416	430	33	Bachelor's
Training			Special							degree
			and Career/Technical Education							
Education and		11-9033	Education Administrators,	3%	\$106,474	LOW/HIGH	93	96	7	Master's
Training			Postsecondary							degree
Education and		25-9031	Instructional Coordinators	(0%)	\$62,407	LOW/HIGH	209	208	20	Master's
Training		0= 0011		200/	40.0.0		10			degree
Education and		25-9044	Teaching Assistants,	30%	\$21,943	HIGH/LOW	18	23	2	Bachelor's
Training		25 2021	Postsecondarv Self-Enrichment Teachers	29%	\$29,235	HIGH/LOW	125	161	20	degree Some College,
Education and Training		25-3021	Self-Ellificililletic reactiers	29%	\$29,255	HIGH/LOW	125	101	20	No Degree
Education and		25-3097	Tutors and Teachers and	13%	\$24,838	HIGH/LOW	114	129	15	Bachelor's
Training		23 3037	Instructors, All	1370	Ψ2 1,030	111011,2011		123	13	degree
			Other							deg. ce
Education and		25-9099	Educational Instruction and	11%	\$29,271	HIGH/LOW	46	51	5	Bachelor's
Training			Library							degree
			Workers All Other							
Education and		25-3031	Substitute Teachers, Short-Term	5%	\$34,025	LOW/LOW	750	788	92	Bachelor's
Training					400.00					degree
Education and		25-4031	Library Technicians	4%	\$29,204	LOW/LOW	37	39	6	Associate's
Training										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
Education and		25-9045	Teaching Assistants, Except	1%	\$20,208	LOW/LOW	797	803	77	Some college,
Training			Postsecondary							no degree
Energy	Oil and Gas Exploration	47-5098	Underground Mining Machine	42%	\$51,077	HIGH/HIGH	17	24	3	High school
	and Production		Operators							diploma or
			and Extraction Workers, All							equivalent
Energy	Oil and Gas Exploration	47-5012	Rotary Drill Operators, Oil and	30%	\$53,840	HIGH/HIGH	155	201	26	High school
07	and Production		Gas		· ŕ	,				diploma or
										equivalent
Energy	Oil and Gas Exploration	47-5081	HelpersExtraction Workers	39%	\$30,778	HIGH/LOW	78	108	14	High school
	and Production		·							diploma or
										equivalent
Energy	Refining and Chemical	51-8092	Gas Plant Operators	10%	\$63,342	HIGH/HIGH	10	11	1	High school
	Processes		·							diploma or
										equivalent
Energy	Refining and Chemical	51-8013	Power Plant Operators	(4%)	\$74,888	LOW/HIGH	46	44	5	Recognized
	Processes									Industry
										Credential
Energy	Refining and Chemical	51-8093	Petroleum Pump System	(30%)	\$69,244	LOW/HIGH	156	109	13	Associate's
	Processes		Operators,							degree
			Refinery Operators, and							
			Galigare							
Energy		47-5013	Service Unit Operators, Oil and	39%	\$43,721	HIGH/HIGH	245	340	44	High school
			Gas							diploma or
										equivalent
Energy		47-5011	Derrick Operators, Oil and Gas	33%	\$46,089	HIGH/HIGH	136	181	23	High school
										diploma or
										equivalent
Energy		53-7073	Wellhead Pumpers	21%	\$54,423	HIGH/HIGH	42	51	6	High school
										diploma or
_							-			equivalent
Energy		53-7072	Pump Operators, Except	12%	\$42,025	HIGH/HIGH	18	20	2	High school
			Wellhead							diploma or
			Pumpers							equivalent

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					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
Energy		51-8012	Power Distributors and Dispatchers	(4%)	\$94,225	LOW/HIGH	24	23	3	Recognized Industry Credential
Energy		47-5071	Roustabouts, Oil and Gas	36%	\$36,567	HIGH/LOW	484	658	84	High school diploma or equivalent
Health Science	Exercise Science and Wellness	27-2022	Coaches and Scouts	28%	\$39,322	HIGH/HIGH	61	79	11	Bachelor's degree
Health Science	Exercise Science and Wellness	29-9091	Athletic Trainers	10%	\$59,617	HIGH/HIGH	11	12	1	Bachelor's degree
Health Science	Exercise Science and Wellness	39-9031	Exercise Trainers and Group Fitness Instructors	63%	\$30,051	HIGH/LOW	91	148	24	Recognized Industry Credential
Health Science	Exercise Science and Wellness	29-1125	Recreational Therapists	3%	\$27,482	LOW/LOW	19	19	2	Bachelor's degree
Health Science	Exercise Science and Wellness, Healthcare	29-1031	Dietitians and Nutritionists	13%	\$69,119	HIGH/HIGH	29	33	2	Bachelor's degree
Health Science	Health Informatics	11-9111	Medical and Health Services Managers	18%	\$86,838	HIGH/HIGH	268	316	27	Bachelor's degree
Health Science	Health Informatics	29-9098	Health Information Technologists, Medical Registrars, Surgical Assistants, and Healthcare Practitioners and	12%	\$52,967	HIGH/HIGH	19	21	2	Recognized Industry Credential
Health Science	Health Informatics	43-3021	Billing and Posting Clerks	(4%)	\$37,302	LOW/LOW	222	213	23	High school diploma or equivalent
Health Science	Healthcare Diagnostics	29-2018	Clinical Laboratory Technologists and Technicians	14%	\$47,693	HIGH/HIGH	122	139	10	Bachelor's degree
Health Science	Healthcare Diagnostics	29-2035	Magnetic Resonance Imaging Technologists	9%	\$66,872	HIGH/HIGH	15	16	1	Associate's degree

					Median	Growth	Annual Average	Annual Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment		Annual	Education
	Durane of Children		Comment and Title			•				
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Health Science	Healthcare Diagnostics		Radiologic Technologists and Technicians	3%	\$56,007	LOW/HIGH	162	168	13	Associate's degree
Health Science	Healthcare Diagnostics	29-2032	Diagnostic Medical Sonographers	(0%)	\$67,569	LOW/HIGH	55	55	4	Associate's degree
Health Science	Healthcare Diagnostics	29-2031	Cardiovascular Technologists and Technicians	(7%)	\$63,076	LOW/HIGH	30	28	2	Associate's degree
Health Science	Healthcare Diagnostics	29-2057	Ophthalmic Medical Technicians	27%	\$30,085	HIGH/LOW	13	17	1	Recognized Industry Credential
Health Science	Healthcare Diagnostics	31-9097	Phlebotomists	3%	\$29,108	LOW/LOW	102	105	13	Recognized Industry Credential
Health Science	Healthcare Diagnostics, Healthcare	29-1292	Dental Hygienists	14%	\$72,847	HIGH/HIGH	60	68	5	Associate's degree
Health Science	Healthcare Therapeutic	29-1041	Optometrists	27%	\$102,857	HIGH/HIGH	18	23	1	Doctoral or professional degree
Health Science	Healthcare Therapeutic	31-9091	Dental Assistants	16%	\$40,145	HIGH/HIGH	112	129	17	Recognized Industry Credential
Health Science	Healthcare Therapeutic	29-1021	Dentists, General	9%	\$168,408	HIGH/HIGH	51	55	2	Doctoral or professional degree
Health Science	Healthcare Therapeutic	29-1071	Physician Assistants	8%	\$115,772	LOW/HIGH	50	54	3	Master's degree
Health Science	Healthcare Therapeutic	29-1215	Family Medicine Physicians	6%	\$209,811	LOW/HIGH	27	29	1	Doctoral or professional degree
Health Science	Healthcare Therapeutic	29-1223	Psychiatrists	4%	\$165,768	LOW/HIGH	11	11	0	Doctoral or professional degree

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							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
Health Science	Healthcare Therapeutic	29-1051	Pharmacists	(0%)	\$137,281	LOW/HIGH	115	115	5	Doctoral or professional
Health Science	Healthcare Therapeutic	29-2055	Surgical Technologists	(4%)	\$41,786	LOW/HIGH	84	81	6	Recognized Industry
Health Science	Healthcare Therapeutic	29-1228	Physicians, All Other; and Ophthalmologists, Except Pediatric	(9%)	\$208,046	LOW/HIGH	162	148	5	Doctoral or professional degree
Health Science	Healthcare Therapeutic	29-1216	General Internal Medicine Physicians	(12%)	\$199,903	LOW/HIGH	44	38	1	Doctoral or professional degree
Health Science	Healthcare Therapeutic	31-9092	Medical Assistants	9%	\$29,728	HIGH/LOW	230	251	30	Recognized Industry Credential
Health Science	Healthcare Therapeutic	29-2052	Pharmacy Technicians	3%	\$34,221	LOW/LOW	196	203	16	Recognized Industry Credential
Health Science	Healthcare Therapeutic	29-2098	Medical Dosimetrists, Medical Records Specialists, and Health Technologists and	1%	\$37,200	LOW/LOW	171	173	13	Associate's degree
Health Science	Healthcare Therapeutic, Medical	31-2011	Occupational Therapy Assistants	14%	\$73,320	HIGH/HIGH	15	17	2	Associate's degree
Health Science	Medical Therapy	29-1127	Speech-Language Pathologists	21%	\$63,776	HIGH/HIGH	96	117	8	Master's
Health Science	Medical Therapy	31-2021	Physical Therapist Assistants	21%	\$69,396	HIGH/HIGH	38	46	6	degree Associate's degree
Health Science	Medical Therapy	29-1122	Occupational Therapists	18%	\$82,359	HIGH/HIGH	50	58	4	Master's degree
Health Science	Medical Therapy	29-1123	Physical Therapists	14%	\$124,774	HIGH/HIGH	97	111	6	Master's degree
Health Science	Medical Therapy	29-1126	Respiratory Therapists	10%	\$61,989	HIGH/HIGH	188	207	11	Associate's degree

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
Health Science	Nursing Science	29-1171	Nurse Practitioners	31%	\$126,478	HIGH/HIGH	54	71	5	Master's degree
Health Science	Nursing Science	29-1141	Registered Nurses	3%	\$72,490	LOW/HIGH	1,710	1,756	101	Bachelor's degree
Health Science	Nursing Science	29-2061	Licensed Practical and Licensed Vocational Nurses	(2%)	\$41,330	LOW/HIGH	633	622	49	Recognized Industry Credential
Health Science	Nursing Science	29-1151	Nurse Anesthetists	(3%)	\$225,756	LOW/HIGH	28	27	2	Master's degree
Health Science		29-1011	Chiropractors	28%	\$75,726	HIGH/HIGH	10	13	1	Doctoral or professional degree
Health Science		29-1129	Therapists, All Other	25%	\$52,821	HIGH/HIGH	12	14	1	Bachelor's degree
Health Science		21-1091	Health Education Specialists	5%	\$45,929	LOW/HIGH	15	16	2	Bachelor's degree
Health Science		29-2081	Opticians, Dispensing	25%	\$28,858	HIGH/LOW	29	36	3	Recognized Industry Credential
Health Science		29-2053	Psychiatric Technicians	22%	\$32,308	HIGH/LOW	14	17	1	Recognized Industry Credential
Health Science		31-2022	Physical Therapist Aides	16%	\$24,831	HIGH/LOW	45	53	7	Recognized Industry Credential
Health Science		31-1132	Orderlies	8%	\$23,501	LOW/LOW	18	20	3	High school diploma/GED
Health Science		31-1133	Psychiatric Aides	8%	\$27,459	LOW/LOW	31	33	4	High school diploma/GED
Health Science		31-9093	Medical Equipment Preparers	7%	\$32,073	LOW/LOW	24	26	3	High school diploma or
Health Science		31-1128	Home Health and Personal Care Aides	6%	\$22,136	LOW/LOW	2,017	2,139	310	High school diploma or equivalent

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					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
Health Science		31-1131	Nursing Assistants	5%	\$25,627	LOW/LOW	858	902	112	Recognized
										Industry
										Credential
Health Science		31-9099	Healthcare Support Workers, All	4%	\$36,057	LOW/LOW	35	36	4	High school
			Other							diploma or
11	C. P A. I.	25 4044		F.C0/	¢46.440	111611/111611	F0	70	44	equivalent
Hospitality and	Culinary Arts	35-1011	Chefs and Head Cooks	56%	\$46,119	HIGH/HIGH	50	78	11	Associate's
Tourism Hospitality and	Culinary Arts	10 4011	Agricultural and Food Science	25%	\$40,034	HIGH/HIGH	15	19	3	degree Associate's
	Culliary Arts	19-4011	Technicians	25%	\$40,054	півп/півп	15	19	3	degree
Tourism Hospitality and	Culinary Arts	35-1012	First-Line Supervisors of Food	30%	\$27,573	HIGH/LOW	644	839	128	High school
Tourism	Camiary 7 tr ts	33 1012	Preparation and Serving	3070	<i>Ψ</i> 27,373	111011/2011	044	033	120	diploma or
100113111			Workers							equivalent
Hospitality and	Culinary Arts, Lodging	13-1121	Meeting, Convention, and Event	56%	\$42,520	HIGH/HIGH	29	45	5	Bachelor's
Tourism	and Resort		Planners			•				degree
	Management									
Hospitality and	Culinary Arts, Lodging	11-9051	Food Service Managers	35%	\$47,139	HIGH/HIGH	119	160	19	Some College,
Tourism	and Resort									No Degree
	Management									
Hospitality and	Culinary Arts, Lodging	11-1021	General and Operations	12%	\$79,743	HIGH/HIGH	1,475	1,653	147	Bachelor's
Tourism	and Resort		Managers							degree
	Management									
Hospitality and	Lodging and Resort	11-9081	Lodging Managers	100%	\$45,497	HIGH/HIGH	19	38	5	Bachelor's
Tourism	Management	44 2044		F0/	406 500	1.004/1.001	160	474	4.5	degree
Hospitality and	Lodging and Resort	11-3011	Administrative Services and	5%	\$86,588	LOW/HIGH	163	171	15	Bachelor's
Tourism	Management		Facilities							degree
Hospitality and	Traval Tauriam and	12 1161	Managers Market Becareh Analysts and	37%	¢40.790	шси/шси	109	150	17	Bachelor's
Hospitality and	Travel, Tourism, and	13-1101	Market Research Analysts and	3/%	\$49,789	HIGH/HIGH	109	150	1/	
Tourism	Attractions		Marketing							degree
Hospitality and	Travel, Tourism, and	13-1131	Snecialists Fundraisers	26%	\$55,357	HIGH/HIGH	23	29	3	Bachelor's
Tourism	Attractions	15 1151	. and discis	2070	955,551	111311/111311		23	, ,	degree
Hospitality and	Travel, Tourism, and	11-2021	Marketing Managers	23%	\$128,029	HIGH/HIGH	39	48	5	Bachelor's
Tourism	Attractions				, ===,0=0	,				degree

	Go	lden Cre	escent Workforce Develop	ment Are	ea (19) Lab	or Market Inf	ormation, 202	0 - 2030		
							Annual	Annual		
					Median	Growth	Average	Average	Total	Competitive
State Career				Growth	Annual	Wage	Employment	Employment	Annual	Education
	Durania of Charles		Occupational Title				' '	' '		
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Hospitality and		43-4181	Reservation and Transportation	89%	\$47,720	HIGH/HIGH	10	19	2	High school
Tourism			Ticket							diploma or
			Agents and Travel Clerks							equivalent
Hospitality and		43-4081	Hotel, Motel, and Resort Desk	91%	\$20,433	HIGH/LOW	156	298	50	High school
Tourism			Clerks							diploma or
										equivalent
Hospitality and		35-3011	Bartenders	84%	\$19,516	HIGH/LOW	102	188	31	High school
Tourism										diploma or
										equivalent
Hospitality and		39-7018	Tour and Travel Guides	82%	\$32,295	HIGH/LOW	16	29	5	High school
Tourism										diploma or
										equivalent
Hospitality and		35-9031	Hosts and Hostesses,	79%	\$19,057	HIGH/LOW	88	157	35	High school
Tourism			Restaurant, Lounge,							diploma or
			and Coffee Shop							equivalent
Hospitality and		35-2014	Cooks, Restaurant	74%	\$24,617	HIGH/LOW	561	976	150	High school
Tourism										diploma or
										equivalent
Hospitality and		53-6021	Parking Attendants	73%	\$25,256	HIGH/LOW	29	50	8	High school
Tourism										diploma or
										equivalent
Hospitality and		35-9021	Dishwashers	59%	\$20,443	HIGH/LOW	129	205	34	No formal
Tourism										educational
										credential
Hospitality and		35-9099	Food Preparation and Serving	59%	\$27,641	HIGH/LOW	26	41	7	No formal
Tourism			Related			·				educational
			Workers, All Other							credential
Hospitality and		39-3091	Amusement and Recreation	57%	\$19,858	HIGH/LOW	79	125	25	High school
Tourism			Attendants			,				diploma or
										equivalent
Hospitality and		35-3031	Waiters and Waitresses	53%	\$19,357	HIGH/LOW	792	1,216	234	High school
Tourism						,		,		diploma or
										equivalent
Hospitality and		35-9011	Dining Room and Cafeteria	49%	\$19,171	HIGH/LOW	217	323	57	No formal
Tourism			Attendants			,				educational
			and Bartender Helpers							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
Hospitality and Tourism		37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	36%	\$34,188	HIGH/LOW	98	132	16	High school diploma or equivalent
Hospitality and Tourism		53-6061		31%	\$22,108	HIGH/LOW	14	18	3	High school diploma or equivalent
Hospitality and Tourism		39-9032	Recreation Workers	30%	\$20,011	HIGH/LOW	126	164	26	Bachelor's degree
Hospitality and Tourism		35-3023	Fast Food and Counter Workers	26%	\$19,314	HIGH/LOW	2,399	3,019	609	No formal educational credential
Hospitality and Tourism		35-2021	Food Preparation Workers	20%	\$21,142	HIGH/LOW	406	486	84	No formal educational credential
Hospitality and Tourism		35-2015	Cooks, Short Order	19%	\$20,805	HIGH/LOW	82	97	14	High school diploma or equivalent
Hospitality and Tourism		39-2011	Animal Trainers	16%	\$24,294	HIGH/LOW	39	45	6	High school diploma or equivalent
Hospitality and Tourism		39-3011	Gambling Dealers	15%	\$22,979	HIGH/LOW	16	18	3	High school diploma or equivalent
Hospitality and Tourism		35-3041	Food Servers, Nonrestaurant	14%	\$22,558	HIGH/LOW	214	244	38	No formal educational credential
Hospitality and Tourism		35-2011	Cooks, Fast Food	14%	\$18,815	HIGH/LOW	282	321	48	No formal educational credential
Hospitality and Tourism		51-3011	Bakers	14%	\$21,139	HIGH/LOW	83	94	13	High school diploma or
Hospitality and Tourism		35-2012	Cooks, Institution and Cafeteria	13%	\$22,158	HIGH/LOW	220	249	37	No formal educational credential

	Go	lden Cre	escent Workforce Develop	oment Are	ea (19) Lab	or Market Inf	ormation, 202	0 - 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
Hospitality and Tourism		37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	12%	\$23,761	HIGH/LOW	1,118	1,253	171	High school diploma or equivalent
Hospitality and Tourism		35-2019	Cooks, All Other	9%	\$23,897	HIGH/LOW	29	32	5	High school diploma or equivalent
Hospitality and Tourism		37-2012	Maids and Housekeeping Cleaners	9%	\$21,799	HIGH/LOW	1,134	1,232	176	No formal educational credential
Hospitality and Tourism		41-2011	Cashiers	(3%)	\$22,420	LOW/LOW	2,297	2,220	422	High school diploma or equivalent
Hospitality and Tourism		43-2011	Switchboard Operators, Including Answering Service	(23%)	\$28,794	LOW/LOW	20	15	2	High school diploma or
Human Services	Cosmetology and Personal Care Services	39-5092	Manicurists and Pedicurists	34%	\$25,072	HIGH/LOW	28	38	4	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	29%	\$32,676	HIGH/LOW	89	115	13	Some College, No Degree
Human Services	Cosmetology and Personal Care Services	39-5011	Barbers	17%	\$36,945	HIGH/LOW	61	71	8	Recognized Industry Credential
Human Services	Cosmetology and Personal Care Services	39-5094	Skincare Specialists	12%	\$37,250	HIGH/LOW	51	57	6	Recognized Industry Credential
Human Services	Cosmetology and Personal Care Services	39-5012	Hairdressers, Hairstylists, and Cosmetologists	8%	\$24,253	LOW/LOW	311	335	39	Recognized Industry Credential
Human Services	Family and Community Services	11-9151	Social and Community Service Managers	31%	\$61,062	HIGH/HIGH	35	45	4	Bachelor's degree

State Career				Growth	Median Annual	Growth Wage	Annual Average Employment		Total Annual	Competitive Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Human Services	Services		Marriage and Family Therapists	12%	\$51,379	HIGH/HIGH	15	17	2	Master's degree
Human Services	Family and Community Services	21-1021	Child, Family, and School Social Workers	9%	\$47,441	HIGH/HIGH	115	125	12	Bachelor's degree
Human Services	Family and Community Services	21-1023	Mental Health and Substance Abuse Social Workers	23%	\$36,513	HIGH/LOW	32	39	4	Bachelor's degree
Human Services	Family and Community Services	21-1093	Social and Human Service Assistants	19%	\$35,017	HIGH/LOW	136	162	20	Some College, No Degree
Human Services	Family and Community Services, Health and Wellness	21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	19%	\$39,395	HIGH/HIGH	98	116	12	Master's degree
Human Services	Health and Wellness	21-1015	Rehabilitation Counselors	41%	\$46,195	HIGH/HIGH	24	33	4	Master's degree
Human Services	Health and Wellness	29-1031	Dietitians and Nutritionists	13%	\$69,119	HIGH/HIGH	29	33	2	Bachelor's degree
Human Services	Health and Wellness	21-1022	Healthcare Social Workers	6%	\$58,925	LOW/HIGH	62	65	6	Master's degree
Human Services	Health and Wellness	21-1094	Community Health Workers	10%	\$34,805	HIGH/LOW	16	18	2	Bachelor's degree
Human Services		31-9011	Massage Therapists	34%	\$41,029	HIGH/HIGH	52	70	8	Recognized Industry Credential
Human Services		19-3039	Psychologists, All Other	27%	\$87,584	HIGH/HIGH	15	19	2	Doctoral or professional degree
Human Services		39-4031	Morticians, Undertakers, and Funeral	15%	\$50,263	HIGH/HIGH	23	27	3	Associate's degree
Human Services		21-2011		12%	\$46,830	HIGH/HIGH	186	209	22	Master's degree
Human Services		21-2021	Directors, Religious Activities and	10%	\$48,470	HIGH/HIGH	105	115	14	Bachelor's degree

	Go	olden Cre	escent Workforce Develop	ment Are	ea (19) Lab	or Market Inf	ormation, 202	0 - 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
Human Services		21-1019	Counselors, All Other	8%	\$50,292	LOW/HIGH	36	39	4	Master's degree
Human Services		19-3031	Clinical, Counseling, and School Psychologists	3%	\$59,477	LOW/HIGH	73	75	5	Doctoral or professional degree
Human Services		39-9041	Residential Advisors	48%	\$29,821	HIGH/LOW	21	30	5	Some College, No Degree
Human Services		39-4021	Funeral Attendants	16%	\$23,342	HIGH/LOW	72	83	12	High school diploma or equivalent
Human Services		21-2099	Religious Workers, All Other	12%	\$31,962	HIGH/LOW	48	53	7	Bachelor's degree
Human Services		21-1099	Community and Social Service Specialists, All Other	9%	\$31,349	HIGH/LOW	75	82	9	Bachelor's degree
Human Services		51-6052	Tailors, Dressmakers, and Custom Sewers	6%	\$22,967	LOW/LOW	15	15	2	High school diploma or equivalent
Human Services		51-6011	Laundry and Dry-Cleaning Workers	4%	\$23,767	LOW/LOW	120	125	17	No formal educational credential
Human Services		39-9098	Crematory Operators and Personal Care and Service Workers All Other	3%	\$29,064	LOW/LOW	89	92	13	High school diploma or
Human Services		39-9011	Childcare Workers	(12%)	\$19,181	LOW/LOW	1,014	888	133	High school diploma or equivalent
Information Technology	Information Technology Support and Services	11-3021	Computer and Information Systems Managers	5%	\$141,424	LOW/HIGH	94	98	8	Bachelor's degree
Information Technology	Information Technology Support and Services	15-1245	Database Administrators and Architects	2%	\$94,273	LOW/HIGH	14	14	1	Bachelor's degree

	30	Tolden Cre	escent Workforce Develop	ment Are	a (19) Lab	Or Warket IIII	<u>, </u>	Annual		
State Career				Growth	Median Annual	Growth Wage	Annual Average Employment	Average Employment	Total Annual	Competitive Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Category	2020	2030	Openings	Requirement
Information Technology	Information Technology Support and Services, Networking	15-1211	Computer Systems Analysts	11%	\$80,796	HIGH/HIGH	75	83	7	Bachelor's degree
Information Technology	Information Technology Support and Services, Networking	15-1241	Computer Network Architects	2%	\$95,454	LOW/HIGH	16	16	1	Bachelor's degree
Information Technology	Networking Systems	15-1231	Computer Network Support Specialists	7%	\$54,676	LOW/HIGH	35	38	3	Associate's degree
Information Technology	Networking Systems	15-1232	Computer User Support Specialists	(0%)	\$40,786	LOW/HIGH	208	207	16	Recognized Industry Credential
Information Technology	Web Development	15-1256	Software Developers and Software Quality Assurance Analysts and	42%	\$93,917	HIGH/HIGH	138	195	18	Bachelor's degree
Information Technology	Web Development	15-1257	Web Developers and Digital Interface Designers	18%	\$75,824	HIGH/HIGH	25	30	3	Associate's degree
Information Technology	Web Development	15-1299	Computer Occupations, All Other	4%	\$88,106	LOW/HIGH	72	75	6	Bachelor's degree
Law and Public Service	Emergency Services	33-1021	First-Line Supervisors of Firefighting and Prevention Workers	28%	\$45,056	HIGH/HIGH	12	16	1	Associate's degree
Law and Public Service	Emergency Services	33-2011	Firefighters	14%	\$53,234	HIGH/HIGH	158	180	15	Recognized Industry Credential
Law and Public Service	Emergency Services	29-2041	Emergency Medical Technicians and Paramedics	7%	\$37,456	LOW/LOW	244	261	21	Recognized Industry Credential
Law and Public Service	Government and Public Administration	11-9141	Property, Real Estate, and Community Association Managers	14%	\$46,655	HIGH/HIGH	108	123	10	Some College, No Degree

	Go	lden Cre	escent Workforce Develop	ment Are	a (19) Lab	or Market Info	ormation, 202	0 - 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
Law and Public	Government and	13-2061	Financial Examiners	9%	\$67,282	HIGH/HIGH	19	21	2	Bachelor's
Service	Public Administration									degree
Law and Public Service	Government and Public Administration	13-2011	Accountants and Auditors	9%	\$71,098	HIGH/HIGH	481	523	50	Bachelor's degree
Law and Public Service	Government and Public Administration	13-2098	Financial and Investment Analysts, Financial Risk Specialists, and Financial	6%	\$69,636	LOW/HIGH	118	126	11	Bachelor's degree
Law and Public Service	Government and Public Administration	13-2021	Property Appraisers and Assessors	10%	\$38,375	HIGH/LOW	63	70	6	Bachelor's degree
Law and Public Service	Law Enforcement	33-1012	First-Line Supervisors of Police and	17%	\$67,640	HIGH/HIGH	41	49	4	Bachelor's degree
Law and Public Service	Law Enforcement	33-3051	Police and Sheriffs Patrol Officers	13%	\$53,026	HIGH/HIGH	435	490	41	Associate's degree
Law and Public Service	Law Enforcement	33-3021	Detectives and Criminal Investigators	3%	\$80,156	LOW/HIGH	225	232	18	Some College, No Degree
Law and Public Service	Law Enforcement	21-1092	Probation Officers and Correctional Treatment Specialists	3%	\$48,075	LOW/HIGH	83	86	7	Bachelor's degree
Law and Public Service	Law Enforcement	33-3012	Correctional Officers and Jailers	(7%)	\$40,496	LOW/HIGH	343	320	31	High school diploma or equivalent
Law and Public Service	Law Enforcement	33-1011	First-Line Supervisors of Correctional Officers	(8%)	\$53,075	LOW/HIGH	34	31	3	Some College, No Degree
Law and Public Service	Legal Studies	23-1011		12%	\$82,200	HIGH/HIGH	176	197	11	Doctoral or professional degree
Law and Public Service	Legal Studies	23-2011	Paralegals and Legal Assistants	10%	\$38,952	HIGH/HIGH	96	106	12	Associate's degree
Law and Public Service		19-3051	Urban and Regional Planners	13%	\$67,326	HIGH/HIGH	19	21	2	Master's degree

			escent Workforce Develop		` ′		Annual	Annual		
State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Median Annual Wage	Growth Wage Category	Average Employment 2020	Average Employment 2030	Total Annual Openings	Competitive Education Requirement
Law and Public Service	,	19-5012	Occupational Health and Safety Technicians	9%	\$55,198	HIGH/HIGH	46	50	4	High school diploma/GED
Law and Public Service		13-1041	Compliance Officers	4%	\$71,731	LOW/HIGH	99	103	9	Bachelor's degree
Law and Public Service		19-5011	Occupational Health and Safety Specialists	3%	\$66,199	LOW/HIGH	142	145	11	Bachelor's degree
Law and Public Service		33-1099	Miscellaneous First-Line Supervisors, Protective Service Workers	(0%)	\$45,431	LOW/HIGH	14	14	2	Some College, No Degree
Law and Public Service		43-5051	Postal Service Clerks	(6%)	\$45,592	LOW/HIGH	42	40	3	High school diploma or equivalent
Law and Public Service		43-5052	Postal Service Mail Carriers	(7%)	\$48,185	LOW/HIGH	176	164	13	High school diploma or
Law and Public Service		11-9131	Postmasters and Mail Superintendents	(7%)	\$71,763	LOW/HIGH	12	11	1	Some College, No Degree
Law and Public Service		33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	74%	\$18,494	HIGH/LOW	27	47	11	No formal educational credential
Law and Public Service		33-9011	Animal Control Workers	21%	\$36,057	HIGH/LOW	10	12	1	Recognized Industry Credential
Law and Public Service		33-9091	Crossing Guards and Flaggers	21%	\$19,948	HIGH/LOW	15	18	4	High school diploma or
Law and Public Service		33-9032	Security Guards	17%	\$26,692	HIGH/LOW	197	232	32	High school diploma or
Law and Public Service		11-1031	Legislators	12%	\$21,553	HIGH/LOW	47	52	4	Bachelor's degree

	Go	lden Cre	escent Workforce Develop	ment Are	ea (19) Lab	oor Market Inf	ormation, 202	0 - 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
Law and Public Service		43-5031	Public Safety Telecommunicators	12%	\$33,893	HIGH/LOW	64	72	7	High school diploma or equivalent
Law and Public Service		43-4031	Court, Municipal, and License Clerks	9%	\$36,468	HIGH/LOW	135	147	15	Some College, No Degree
Law and Public Service			Social Workers, All Other	8%	\$37,687	LOW/LOW	42	45	4	Bachelor's degree
Law and Public Service		33-9098	School Bus Monitors and Protective Service Workers, All Other	5%	\$22,903	LOW/LOW	55	58	14	High school diploma or equivalent
Law and Public Service		43-4061	Eligibility Interviewers, Government Programs	2%	\$32,519	LOW/LOW	117	118	11	Some College, No Degree
Law and Public Service		43-5041	Meter Readers, Utilities	(4%)	\$33,598	LOW/LOW	14	14	1	High school diploma or equivalent
Law and Public Service		43-4111	Interviewers, Except Eligibility and Loan	(11%)	\$27,521	LOW/LOW	86	76	10	Some College, No Degree
Manufacturing	Advanced Manufacturing and Machinery Mechanics	51-2028	Electrical, Electronic, and Electromechanical Assemblers, Except Coil Winders, Tapers, and	20%	\$42,594	HIGH/HIGH	281	338	39	High school diploma or equivalent
Manufacturing	Advanced Manufacturing and Machinery Mechanics	49-2094	Electrical and Electronics Repairers, Commercial and Industrial	12%	\$66,626	HIGH/HIGH	25	28	3	Recognized Industry Credential
Manufacturing	Advanced Manufacturing and Machinery Mechanics	49-9041	Industrial Machinery Mechanics	10%	\$49,929	HIGH/HIGH	567	623	57	Recognized Industry Credential
Manufacturing	Advanced Manufacturing and Machinery Mechanics	49-2092	Electric Motor, Power Tool, and Related Repairers	(1%)	\$34,480	LOW/LOW	13	13	1	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	Advanced Manufacturing and Machinery Mechanics, Manufacturing Technology	17-3023	Electrical and Electronic Engineering Technologists and Technicians	10%	\$76,356	HIGH/HIGH	72	80	8	Associate's degree
Manufacturing	Advanced Manufacturing and Machinery Mechanics, Manufacturing Technology	51-9162	Computer Numerically Controlled Tool Programmers	4%	\$44,660	LOW/HIGH	34	35	4	Associate's degree
Manufacturing	Advanced Manufacturing and Machinery Mechanics, Manufacturing Technology	51-9161	Computer Numerically Controlled Tool Operators	(11%)	\$46,594	LOW/HIGH	46	41	5	Recognized Industry Credential
Manufacturing	Manufacturing Technology	17-3026	Industrial Engineering Technologists and Technicians	(14%)	\$69,607	LOW/HIGH	31	27	3	Associate's degree
Manufacturing	Manufacturing Technology	17-3027	Mechanical Engineering Technologists and Technicians	(19%)	\$50,835	LOW/HIGH	32	26	3	Associate's degree
Manufacturing	Welding	51-4121	Welders, Cutters, Solderers, and Brazers	12%	\$44,744	HIGH/HIGH	466	521	59	Recognized Industry Credential
Manufacturing	Welding	51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	4%	\$32,905	LOW/LOW	12	12	1	Recognized Industry Credential
Manufacturing		51-9141	Semiconductor Processing Technicians	40%	\$41,306	HIGH/HIGH	24	33	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		47-2011	Boilermakers	22%	\$82,818	HIGH/HIGH	20	24	2	High school diploma or equivalent
Manufacturing		51-8091	Chemical Plant and System Operators	16%	\$55,711	HIGH/HIGH	83	96	11	Associate's degree
Manufacturing		27-1029	Designers, All Other	15%	\$42,118	HIGH/HIGH	14	17	2	Bachelor's degree
Manufacturing		49-9062	Medical Equipment Repairers	2%	\$50,799	LOW/HIGH	13	13	2	Associate's degree
Manufacturing		11-3051	Industrial Production Managers	1%	\$110,775	LOW/HIGH	236	238	17	Bachelor's degree
Manufacturing		51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	(0%)	\$40,782	LOW/HIGH	104	104	11	High school diploma or equivalent
Manufacturing		17-3013	Mechanical Drafters	(2%)	\$50,268	LOW/HIGH	26	25	3	Associate's degree
Manufacturing		51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	(3%)	\$40,022	LOW/HIGH	80	77	8	High school diploma or equivalent
Manufacturing		43-5061	Production, Planning, and Expediting Clerks	(5%)	\$43,790	LOW/HIGH	198	187	21	Some College, No Degree
Manufacturing		51-9011	Chemical Equipment Operators and Tenders	(6%)	\$70,067	LOW/HIGH	737	695	73	High school diploma or equivalent
Manufacturing		51-8099	Plant and System Operators, All Other	(6%)	\$68,851	LOW/HIGH	35	33	4	Recognized Industry Credential
Manufacturing		51-7021	Furniture Finishers	(7%)	\$41,285	LOW/HIGH	11	10	1	No formal educational 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		51-4041	Machinists	(8%)	\$45,477	LOW/HIGH	275	252	28	Recognized Industry Credential
Manufacturing		49-9044	Millwrights	(9%)	\$44,960	LOW/HIGH	62	57	5	Recognized Industry Credential
Manufacturing		49-9043	Maintenance Workers, Machinery	(15%)	\$41,174	LOW/HIGH	71	60	6	High school diploma or equivalent
Manufacturing		51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and	(39%)	\$49,206	LOW/HIGH	220	134	17	High school diploma or equivalent
Manufacturing		51-7011	Cabinetmakers and Bench Carpenters	32%	\$31,531	HIGH/LOW	20	26	3	High school diploma or equivalent
Manufacturing		51-5113	Print Binding and Finishing Workers	29%	\$36,124	HIGH/LOW	18	23	3	High school diploma or equivalent
Manufacturing		43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	24%	\$34,637	HIGH/LOW	16	20	2	High school diploma or equivalent
Manufacturing		51-6031	Sewing Machine Operators	20%	\$22,699	HIGH/LOW	44	53	7	No formal educational credential
Manufacturing		51-9199	Production Workers, All Other	17%	\$31,978	HIGH/LOW	80	93	11	High school diploma or equivalent
Manufacturing		51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and	16%	\$24,750	HIGH/LOW	18	20	2	High school diploma or equivalent
Manufacturing		51-3099	Food Processing Workers, All Other	14%	\$27,660	HIGH/LOW	52	59	6	No formal educational credential

							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
Manufacturing		51-6041	Shoe and Leather Workers and Repairers	13%	\$28,074	HIGH/LOW	88	100	13	High school diploma or
			Repairers							equivalent
Manufacturing		51-6091	Extruding and Forming Machine	13%	\$30,107	HIGH/LOW	43	48	6	High school
			Setters,							diploma or
			Operators, and Tenders,							equivalent
			Synthetic and							
Manufacturing		51-3023	Slaughterers and Meat Packers	11%	\$22,146	HIGH/LOW	325	360	44	No formal
_			_							educational
										credential
Manufacturing		51-2021	Coil Winders, Tapers, and	10%	\$32,722	HIGH/LOW	21	23	3	High school
			Finishers							diploma or
										equivalent
Manufacturing		51-9193	Cooling and Freezing Equipment	9%	\$28,648	HIGH/LOW	16	18	2	High school
			Operators and Tenders							diploma or
				20/	40-000				_	equivalent
Manufacturing		51-2051	Fiberglass Laminators and	9%	\$35,980	HIGH/LOW	32	35	4	High school
			Fabricators							diploma or
N 4 a m fa at rima		F1 010C	Danas Caada Machina Cattara	00/	Ć2F 01F	HIGH/LOW	24	26	2	equivalent
Manufacturing		21-9190	Paper Goods Machine Setters,	9%	\$35,815	HIGH/LOW	24	20	3	High school
			Operators,							diploma or
Manufacturing		51-3092	and Tenders Food Batchmakers	7%	\$23,745	LOW/LOW	111	119	15	equivalent High school
ivialialactaring		31 3032	Tood Bateriniakers	770	723,743	LOW/LOW	111	113	15	diploma or
										equivalent
Manufacturing		51-9023	Mixing and Blending Machine	3%	\$34,029	LOW/LOW	204	211	24	High school
			Setters,		70.,020					diploma or
			Operators and Tenders							equivalent
Manufacturing		53-7063	Machine Feeders and	3%	\$30,705	LOW/LOW	24	24	3	High school
			Offbearers							diploma or
										equivalent
Manufacturing		49-9099	Installation, Maintenance, and	1%	\$35,121	LOW/LOW	78	79	9	High school
			Repair							diploma or
			Workers All Other							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
Manufacturing		51-9111	Packaging and Filling Machine Operators and Tenders	1%	\$25,821	LOW/LOW	140	141	17	High school diploma or equivalent
Manufacturing		51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and	1%	\$24,191	LOW/LOW	15	15	2	High school diploma or equivalent
Manufacturing		51-6093	Upholsterers	(2%)	\$35,290	LOW/LOW	20	19	2	High school diploma or equivalent
Manufacturing		51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	(3%)	\$26,378	LOW/LOW	23	22	3	High school diploma or equivalent
Manufacturing		51-9198	HelpersProduction Workers	(4%)	\$26,105	LOW/LOW	242	234	35	No formal educational credential
Manufacturing		51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and	(7%)	\$30,205	LOW/LOW	22	21	3	High school diploma or equivalent
Manufacturing		51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	(9%)	\$28,496	LOW/LOW	28	25	3	High school diploma or equivalent
Manufacturing		51-4031		(9%)	\$30,779	LOW/LOW	62	57	7	High school diploma or equivalent
Manufacturing		51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and	(12%)	\$30,917	LOW/LOW	47	41	5	High school diploma or equivalent
Manufacturing		51-2098	Miscellaneous Assemblers and Fabricators	(12%)	\$33,927	LOW/LOW	422	372	46	High school diploma or equivalent

	Go	lden Cre	escent Workforce Develop	ment Are	ea (19) Lab	or Market Info	ormation, 202	0 - 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
Manufacturing		51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and	(14%)	\$31,676	LOW/LOW	16	14	2	High school diploma or equivalent
Manufacturing		49-2011	Computer, Automated Teller, and Office Machine Repairers	(15%)	\$34,829	LOW/LOW	24	20	2	Recognized Industry Credential
Manufacturing		51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators,	(16%)	\$35,866	LOW/LOW	37	31	4	High school diploma or equivalent
Manufacturing		51-2031	Engine and Other Machine Assemblers	(21%)	\$34,163	LOW/LOW	20	16	2	High school diploma or equivalent
Manufacturing		51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	(30%)	\$28,915	LOW/LOW	87	61	8	High school diploma or equivalent
Science, Technology, Engineering and	Biomedical Science	29-2018	Clinical Laboratory Technologists and Technicians	14%	\$47,693	HIGH/HIGH	122	139	10	Bachelor's degree
Science, Technology, Engineering and	Biomedical Science	19-4031	Chemical Technicians	9%	\$55,036	HIGH/HIGH	277	301	36	Associate's degree
Mathematics Science, Technology, Engineering and	Biomedical Science	19-4021	Biological Technicians	63%	\$36,288	HIGH/LOW	11	18	2	Bachelor's degree

	Go	lden Cre	escent Workforce Develop	ment Are	a (19) Lab	or Market Info	ormation, 202	0 - 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	Biomedical Science	29-2098	Medical Dosimetrists, Medical Records Specialists, and Health Technologists and	1%	\$37,200	LOW/LOW	171	173	13	Recognized Industry Credential
Science, Technology, Engineering and	Cybersecurity	15-1212	Information Security Analysts	61%	\$89,571	HIGH/HIGH	12	19	2	Bachelor's degree
Science, Technology, Engineering and	Cybersecurity	15-1211	Computer Systems Analysts	11%	\$80,796	HIGH/HIGH	75	83	7	Bachelor's degree
Science, Technology, Engineering and	Cybersecurity	15-1244	Network and Computer Systems Administrators	0%	\$73,771	LOW/HIGH	90	90	6	Bachelor's degree
Science, Technology, Engineering and	Engineering	17-2071	Electrical Engineers	19%	\$92,619	HIGH/HIGH	56	67	6	Bachelor's degree
Science, Technology, Engineering and	Engineering	17-2141	Mechanical Engineers	14%	\$93,064	HIGH/HIGH	121	138	10	Bachelor's degree
Science, Technology, Engineering and	Engineering	17-2041	Chemical Engineers	10%	\$91,094	HIGH/HIGH	179	197	14	Bachelor's degree
Science, Technology, Engineering and	Engineering	17-2112	Industrial Engineers	10%	\$95,497	HIGH/HIGH	164	180	13	Bachelor's degree

	Go	lden Cre	escent Workforce Develop	ment Are	ea (19) Lab	or Market Info	ormation, 202	0 - 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	41-9031	Sales Engineers	6%	\$132,640	LOW/HIGH	14	14	2	Bachelor's degree
Science, Technology, Engineering and	Engineering	17-2081	Environmental Engineers	(10%)	\$92,750	LOW/HIGH	30	27	2	Master's degree
Science, Technology, Engineering and	Engineering	17-3026	Industrial Engineering Technologists and Technicians	(14%)	\$69,607	LOW/HIGH	31	27	3	Associate's degree
Science, Technology, Engineering and	Engineering	17-2011	Aerospace Engineers	(16%)	\$137,991	LOW/HIGH	29	24	2	Bachelor's degree
Science, Technology,	Programming and Software Development	15-1256	Software Developers and Software Quality Assurance Analysts and	42%	\$93,917	HIGH/HIGH	138	195	18	Bachelor's degree
Science, Technology,	Programming and Software Development	15-1251	Computer Programmers	(22%)	\$82,689	LOW/HIGH	33	26	2	Bachelor's degree
Science, Technology, Engineering and Mathematics	Renewable Energy	41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific	19%	\$86,748	HIGH/HIGH	50	60	6	Bachelor's degree
Science, Technology, Engineering and	Renewable Energy	47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	14%	\$53,020	HIGH/HIGH	1,044	1,190	123	Some College, No 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
Science, Technology, Engineering and	Renewable Energy	17-2199	Engineers, All Other	6%	\$105,228	LOW/HIGH	61	65	5	Bachelor's degree
Science, Technology, Engineering and		17-2072	Electronics Engineers, Except Computer	34%	\$85,958	HIGH/HIGH	20	26	2	Bachelor's degree
Science, Technology, Engineering and		19-4045	Geological and Hydrologic Technicians	22%	\$40,577	HIGH/HIGH	36	44	6	Associate's degree
Science, Technology, Engineering and Mathematics		17-3098	Calibration Technologists and Technicians and Engineering Technologists and Technicians, Except Drafters, All	19%	\$59,334	HIGH/HIGH	60	72	8	Associate's degree
Science, Technology, Engineering and Mathematics		19-2031	Chemists	15%	\$115,740	HIGH/HIGH	136	157	16	Bachelor's degree
Science, Technology, Engineering and		11-9041	Architectural and Engineering Managers	14%	\$160,569	HIGH/HIGH	59	67	5	Bachelor's degree
Science, Technology, Engineering and		17-2111	Health and Safety Engineers, Except Mining Safety Engineers and	4%	\$75,129	LOW/HIGH	18	19	1	Bachelor's degree
Science, Technology, Engineering and		17-1022	Surveyors	2%	\$59,264	LOW/HIGH	24	25	2	Bachelor's degree

	Gol	lden Cre	escent Workforce Develop	ment Are	ea (19) Lab	or Market Info	ormation, 202	0 - 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		17-3031	Surveying and Mapping Technicians	1%	\$41,915	LOW/HIGH	49	49	6	Associate's degree
Science, Technology, Engineering and		19-2042	Geoscientists, Except Hydrologists and Geographers	(6%)	\$119,024	LOW/HIGH	60	57	6	Bachelor's degree
Science, Technology, Engineering and		17-2171	Petroleum Engineers	(7%)	\$115,845	LOW/HIGH	69	64	4	Bachelor's degree
Science, Technology, Engineering and		19-4099	Life, Physical, and Social Science Technicians, All Other	52%	\$31,376	HIGH/LOW	13	19	3	Bachelor's degree
Transportation, Distribution, and Logistics	i i	49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	12%	\$45,228	HIGH/HIGH	194	216	21	Recognized Industry Credential
Transportation, Distribution, and Logistics	Automotive, Diesel and Heavy Equipment	49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	9%	\$68,867	HIGH/HIGH	305	334	32	Some College, No Degree
Transportation, Distribution, and Logistics	Automotive, Diesel and Heavy Equipment	49-3023	Automotive Service Technicians and Mechanics	8%	\$40,146	LOW/HIGH	480	520	54	Recognized Industry Credential
Transportation, Distribution, and Logistics	Automotive, Diesel and Heavy Equipment	49-3021	Automotive Body and Related Repairers	(14%)	\$40,756	LOW/HIGH	71	62	6	Recognized Industry Credential
Transportation, Distribution, and Logistics	Aviation (Flight)	53-2012	Commercial Pilots	21%	\$84,425	HIGH/HIGH	21	26	3	Recognized Industry Credential

	Go	lden Cre	escent Workforce Develop	ment Are	ea (19) Lab	or Market Info				
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 (Flight)	53-2011	Airline Pilots, Copilots, and Flight Engineers	11%	\$190,798	HIGH/HIGH	25	28	3	Bachelor's degree
Transportation, Distribution, and Logistics	Aviation Maintenance	49-3011	Aircraft Mechanics and Service Technicians	10%	\$60,265	HIGH/HIGH	25	28	3	Associate's degree
Transportation, Distribution, and Logistics	Diesel and Heavy Equipment	49-3042	Mobile Heavy Equipment Mechanics, Except Engines	3%	\$51,905	LOW/HIGH	165	170	17	Recognized Industry Credential
Transportation, Distribution, and Logistics	Distribution and Logistics	13-1081	Logisticians	26%	\$77,196	HIGH/HIGH	48	60	6	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	23%	\$74,819	HIGH/HIGH	501	619	53	Bachelor's degree
Transportation, Distribution, and Logistics	Distribution and Logistics	11-3061	Purchasing Managers	11%	\$115,354	HIGH/HIGH	11	13	1	Bachelor's degree
Transportation, Distribution, and Logistics	Distribution and Logistics	13-1028	Buyers and Purchasing Agents	(3%)	\$50,324	LOW/HIGH	163	157	16	Bachelor's degree
Transportation, Distribution, and Logistics	Distribution and Logistics	11-3071	Transportation, Storage, and Distribution Managers	(19%)	\$93,794	LOW/HIGH	116	93	8	Bachelor's degree

	Go	Iden Cre	escent Workforce Develop	ment Are	ea (19) Lab Median	or Market Info	Annual Average	0 - 2030 Annual Average	Total	Competitive
State Career Cluster	Program of Study	SOC	Occupational Title	Growth Rate	Annual Wage	Wage Category	Employment 2020	Employment 2030	Annual Openings	Education Requirement
Transportation, Distribution, and Logistics		53-5011	Sailors and Marine Oilers	42%	\$45,257	HIGH/HIGH	16	23	3	High school diploma or equivalent
Transportation, Distribution, and Logistics		53-5021	Captains, Mates, and Pilots of Water Vessels	35%	\$48,994	HIGH/HIGH	27	36	4	Associate's degree
Transportation, Distribution, and Logistics		53-2031	Flight Attendants	31%	\$72,339	HIGH/HIGH	51	67	9	Some College, No Degree
Transportation, Distribution, and Logistics		53-5022	Motorboat Operators	28%	\$58,908	HIGH/HIGH	11	15	2	Recognized Industry Credential
Transportation, Distribution, and Logistics		53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling	9%	\$51,347	HIGH/HIGH	223	244	27	Some College, No Degree
Transportation, Distribution, and Logistics		53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	4%	\$48,296	LOW/HIGH	15	16	2	High school diploma or equivalent
Transportation, Distribution, and Logistics		53-3032	Heavy and Tractor-Trailer Truck Drivers	(2%)	\$41,530	LOW/HIGH	1,751	1,721	201	Recognized Industry Credential
Transportation, Distribution, and Logistics		53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive	(6%)	\$52,264	LOW/HIGH	18	17	2	High school diploma or equivalent

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State Career				Growth	Median Annual	Growth	Average	Average	Total Annual	Competitive Education
Cluster	Program of Study	SOC	Occupational Title	Rate	Wage	Wage Category	Employment 2020	Employment 2030	Openings	Requirement
Transportation,	Program or Study		Railroad Conductors and	(13%)	\$64,136	LOW/HIGH	25	2030	2	Recognized
Distribution, and		33-4031	Yardmasters	(1370)	304,130	LOW/IIIdii	23	21		Industry
Logistics			Taramasters							Credential
Transportation,		53-4011	Locomotive Engineers	(18%)	\$69,568	LOW/HIGH	21	17	2	Recognized
Distribution, and										Industry
Logistics										Credential
Transportation,		49-3043	Rail Car Repairers	(30%)	\$45,545	LOW/HIGH	41	29	3	High school
Distribution, and										diploma or
Logistics										equivalent
Transportation,		49-3051	Motorboat Mechanics and	65%	\$35,420	HIGH/LOW	12	20	3	Recognized
Distribution, and			Service							Industry
Logistics			Technicians							Credential
Transportation,		53-3052	Bus Drivers, Transit and	51%	\$37,712	HIGH/LOW	28	42	6	High school
Distribution, and			Intercity							diploma or
Logistics										equivalent
Transportation,		53-3099	Motor Vehicle Operators, All	30%	\$29,447	HIGH/LOW	14	19	3	High school
Distribution, and			Other							diploma or
Logistics										equivalent
Transportation,		53-3058	Passenger Vehicle Drivers,	23%	\$25,478	HIGH/LOW	273	336	42	High school
Distribution, and			Except Bus							diploma or
Logistics			Drivers, Transit and Intercity							equivalent
Transportation,		53-7062	Laborers and Freight, Stock, and	19%	\$26,727	HIGH/LOW	870	1,035	142	High school
Distribution, and			Material							diploma or
Logistics			Movers, Hand							equivalent
Transportation,		53-7061	Cleaners of Vehicles and	15%	\$22,036	HIGH/LOW	167	192	27	No formal
Distribution, and			Equipment							educational
Logistics										credential

							Annual	Annual		
Chata Caman					Median	Growth	Average	Average	Total	Competitive
State Career	5 (6)			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		53-7199	Material Moving Workers, All Other	14%	\$31,377	HIGH/LOW	23	27	3	High school diploma or equivalent
Transportation, Distribution, and Logistics		49-3052	Motorcycle Mechanics	11%	\$33,690	HIGH/LOW	22	24	3	High school diploma or equivalent
Transportation, Distribution, and Logistics		53-3033	Light Truck Drivers	11%	\$32,992	HIGH/LOW	471	524	60	High school diploma or equivalent
Transportation, Distribution, and Logistics		53-7121	Tank Car, Truck, and Ship Loaders	7%	\$35,263	LOW/LOW	17	19	2	High school diploma or equivalent
Transportation, Distribution, and Logistics		53-7064	Packers and Packagers, Hand	2%	\$23,739	LOW/LOW	269	274	40	No formal educational credential
Transportation, Distribution, and Logistics		53-7051	Industrial Truck and Tractor Operators	2%	\$36,766	LOW/LOW	454	462	53	High school diploma or equivalent
Transportation, Distribution, and Logistics		49-3093	Tire Repairers and Changers	(0%)	\$29,763	LOW/LOW	86	86	10	High school diploma or equivalent
Transportation, Distribution, and Logistics		43-5071	Shipping, Receiving, and Inventory Clerks	(3%)	\$33,235	LOW/LOW	332	321	32	High school diploma or equivalent
Transportation, Distribution, and Logistics		43-5032	Dispatchers, Except Police, Fire, and Ambulance	(14%)	\$31,473	LOW/LOW	286	246	24	High school diploma or equivalent

Golden Crescent Workforce Development Area (19) Labor Market Information, 2020 - 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
Summary		00-0000	Total, All Occupations	9%	\$38,427	HIGH/HIGH	87,645	96,287	11,521	

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-