



Chester County Schools

Labor Market Analysis



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Introduction

Career Technical Education (CTE) prepares youth and adults to be college and career ready by providing core academic and technical skills required in future jobs and to become lifelong learners.

In partnership with high schools, career centers, community and technical colleges, and four-year universities, CTE integrates academics into a rigorous and relevant curriculum. In 2018, the Strengthening Career and Technical Education for the 21st Century Act (Perkins V) was passed into law. The law updated the Carl D. Perkins Career Technical Education Act of 2006 to ensure that state and local communities provide opportunities to all young people – particularly those from historically underserved groups through relevant CTE programs. One of the significant changes in the Perkins V was the introduction of a comprehensive local needs assessment (CLNA) that requires data-driven decision-making on local spending. This process involves reviewing several indicators, including student performance data, program quality, educator development, access to programs, and labor market needs in collaboration with a diverse body of stakeholders, including educators, business and industry partners, parents, and others.

Rapid changes in technology and economic impacts are causing the skill requirements of employers to constantly evolve. Workforce training and education programs must keep pace with these changing requirements to promote business competitiveness and spur economic growth. At the same time, job seekers, students and workers are continuously making decisions about their careers, identifying career interest and goals, planning an education to achieve these goals, and/or re-evaluating career paths that needs re-training. Labor market intelligence can provide guidance to make informed decisions about occupations that have strong potential and career growth. Employers can find the talent needed for their businesses to thrive. Using labor market information allows regions and communities to bridge the skill gaps that may exist between the supply and demand for skilled workers.

The U.S. Department of Education organizes occupations in the same field of work that require similar skills into 16 career clusters. Career clusters can help students, parents and educators focus their plans towards obtaining the necessary knowledge, competencies, and training for success. In collaboration with the Bureau of Labor Statistics, each state produces employment and occupation statistics. Linking this labor market data with career clusters can provide powerful insight to support critical decisions.

The purpose of this report is to analyze the current and future labor market profile of the region so that education and community leaders can address unmet needs, improve access to CTE programs and thus maintain an adequately skilled local workforce and long-term economic stability of the region.





An analysis of regional workforce and education data can assist to answer critical questions that can enable decision-making and result in positive outcomes for their students.

This is done in three main sections:

District Overview

This section includes demographic information and regional CTE statistics. Data from the United States Census Bureau is used to present attributes of the target population. CTE program and enrollment data from regional school districts is used to examine how local students are preparing to meet the demands of the labor market.

Industry Overview

This section includes analysis of the high-level sectors of businesses involved in the production of goods and services in the region. Using regional labor market workforce data, top employing industries and occupations that represent the region's workforce are identified.

Career Cluster Analysis

This section includes detailed analysis of top clusters and high-value occupations. Linking regional labor market data to career clusters, analysis is conducted to identify market demand and median wages for each cluster. Further, a thorough review is presented of each high-value cluster and occupations associated with it.

Career Technical Education (CTE) prepares youth and adults to be college and career ready by providing core academic and technical skills required in future jobs and to become lifelong learners.

District Overview

Demographics provide an understanding of the different characteristics of a region, such as age, race, and education level, that can be used to analyze and forecast economic activity. The American Community Survey (ACS) is an ongoing demographics survey program conducted by the United States Census Bureau that provides information about the nation and its people.

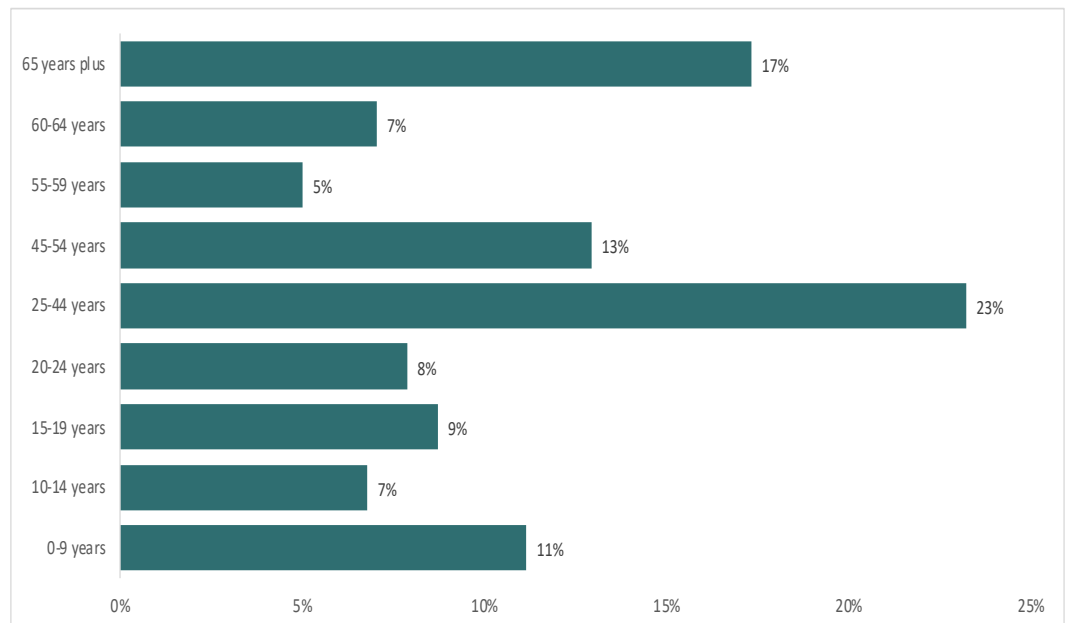
Chester County Schools lie within Chester County, which is in southwest Tennessee. The district has 6 schools with 178 teachers and a total enrollment of 2,715 students.

As per the last census (2021), the total population of Chester County Schools is at 17,278 residents, comprising of 48.3 percent males and 51.7 percent females. The median household income in this region is \$52,692 and approximately 51.6 percent of the population is in the labor force.

The largest segment of the population in this region is in the age range of 25-44 years of age at 23 percent.



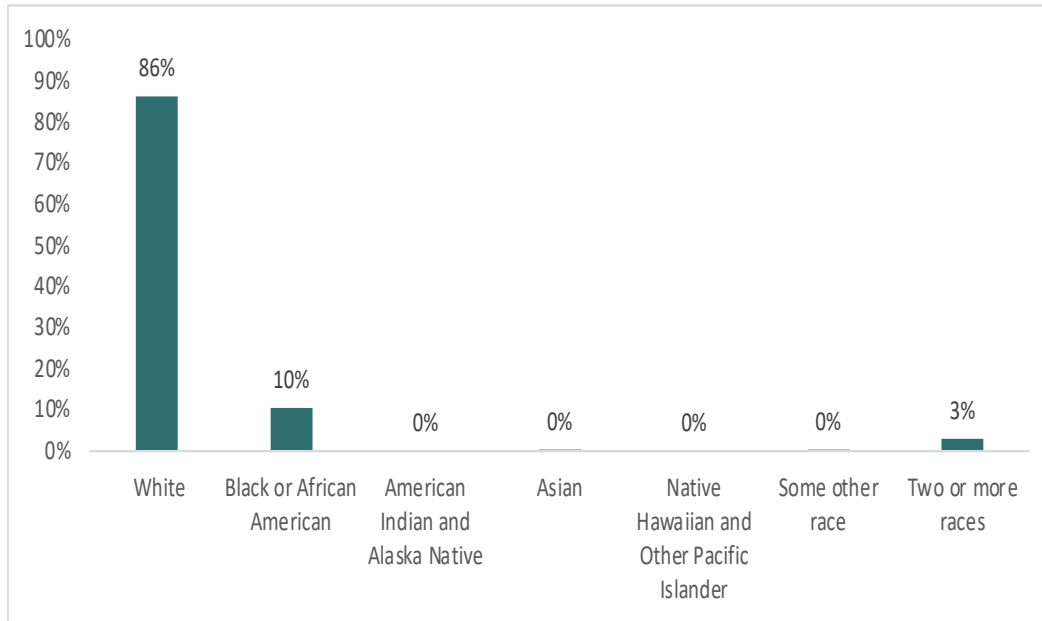
Population by Age



Source: United States Census, American Community Survey, 2021

The majority of the population in this region is White at 86 percent.

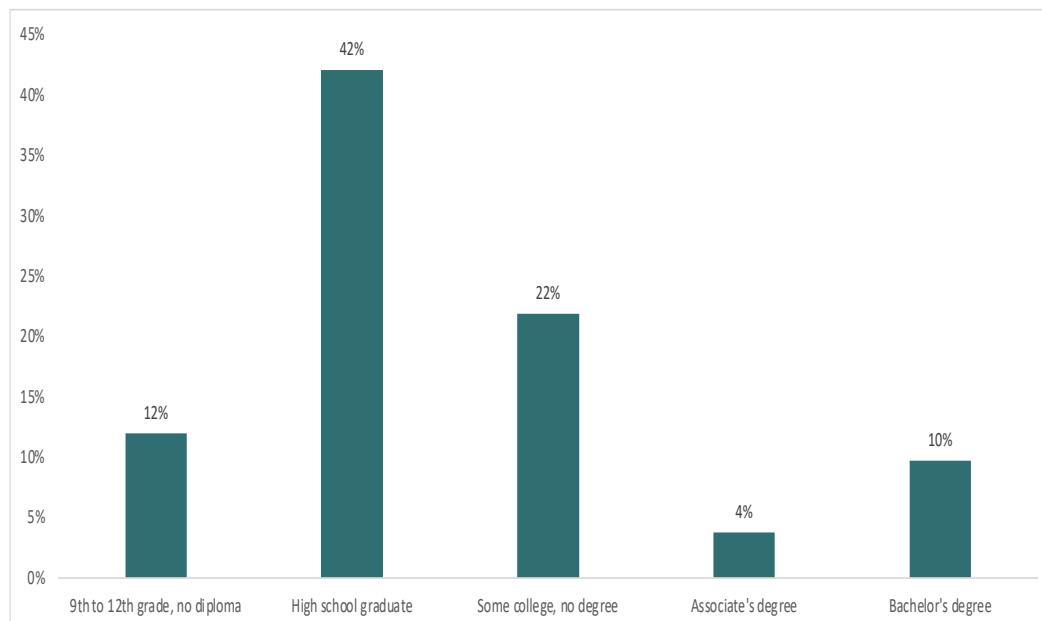
Population by Race



Source: United States Census, American Community Survey, 2021

Approximately 42 percent of the population has a high school degree and 22 percent has some college or no degree.

Population by Education Attainment



Source: United States Census, American Community Survey, 2021

Career Technical Education in Chester County

Career Technical Education in Chester County is offered to students through Chester County High School.

Career Technical Education is also offered through these three postsecondary institutions:

- Tennessee College of Applied Technology Crump
- Jackson State Community College
- University of Tennessee Martin

CTE Enrollment by Cluster

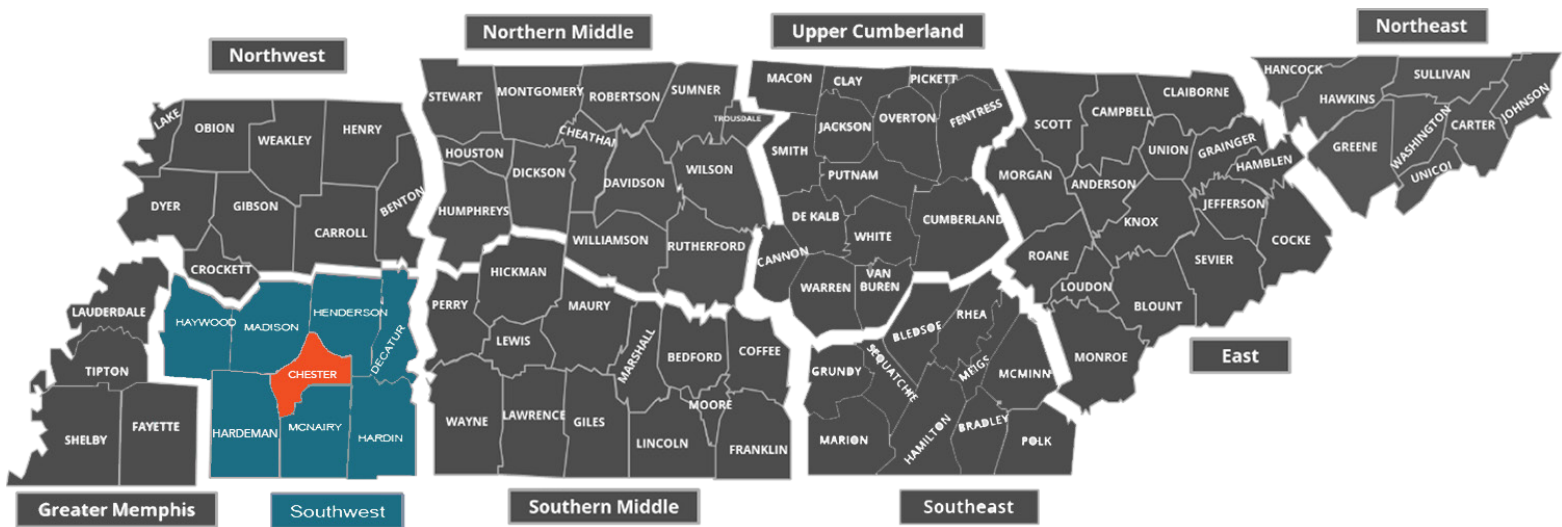
PROGRAM OF STUDY	CAREER CLUSTER	ENROLLMENT
Horticulture Science	Agriculture, Food & Natural Resources	53
Veterinary Science	Agriculture, Food & Natural Resources	47
Business Management	Business, Management & Administration	85
Teaching	Education & Training	14
Nursing Services, Therapeutic Services, Diagnostic Services, EMS Services, Rehab Services	Health Science	136
Hospitality and Tourism Management	Hospitality and Tourism	63
Web Design	Information Technology	57
Criminal Justice	Law, Public Safety, Corrections & Security	99
Transportation MLR	Transportation, Distribution & Logistics	75
Collision Repair	Transportation, Distribution & Logistics	25
Construction Residential	Architecture & Construction	2
Mechanical, Electrical & Plumbing	Architecture & Construction	4
Welding	Advanced Manufacturing	69
Mechatronics	Advanced Manufacturing	10
Total		739



Workforce Region

The state of Tennessee is divided into nine Local Workforce Development Areas (LWDA) that consist of designated geographic areas in which state and local partners collaborate to provide workforce services. The main purpose of the LWDA is to develop and maintain a quality workforce for the region. Chester County Schools are in Chester County, which lies in the Southwest LWDA.

Based on guidance by the Bureau of Labor Statistics, the Tennessee Department of Labor & Workforce Development produces employment estimates and wages for each of these LWDAs. All labor market data used in this report is for the Southwest LWDA, which includes Chester County.



Industry Overview

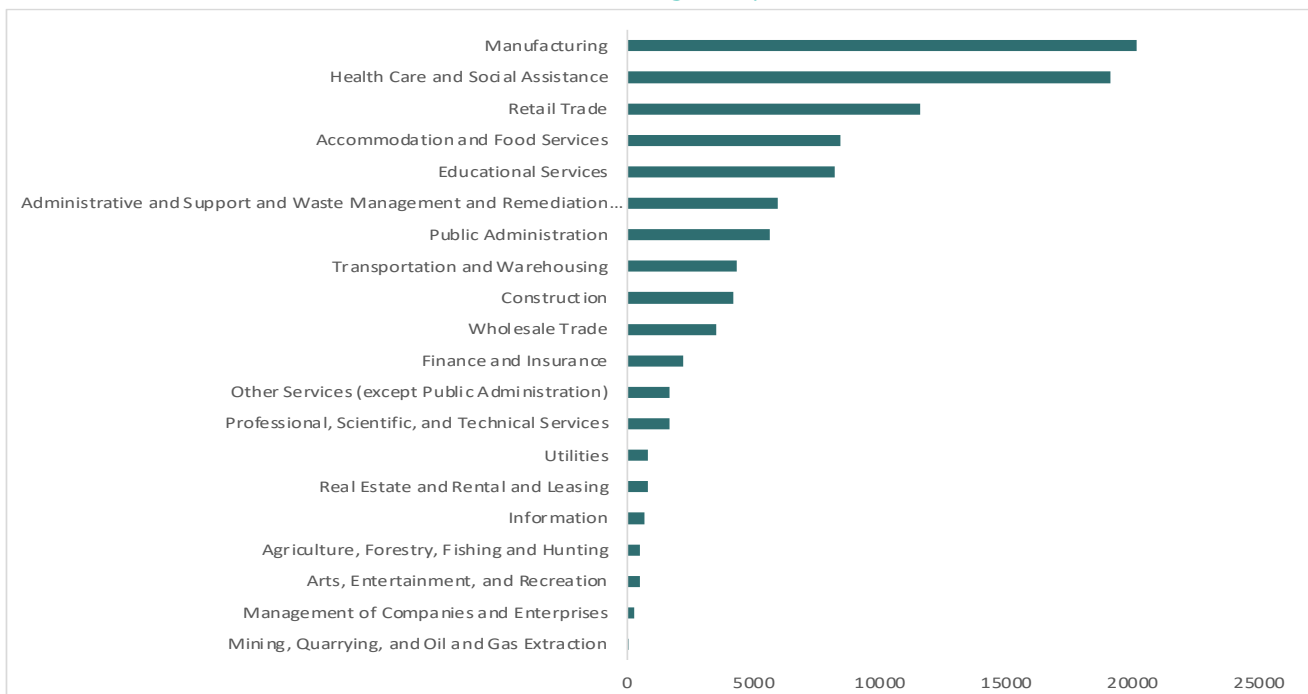
Employment is one of the key indicators of the health of an economy. In this section, attention is paid to industries and occupations that make up the current labor market. Industries consist of groups of companies that are related based on their primary business activities and the goods and services they produce. Identifying the concentration of industries in a particular geography helps understand what businesses drives market activity in that region.

To gain perspective on the businesses who employ workers, data from the Quarterly Census of Employment and Wages, produced by the Tennessee Department of Labor & Workforce Development for the Southwest LWDA, which includes Chester County, is examined. This data is organized according to the North American Industry Classification System (NAICS). This system is the standard used by federal statistical agencies to classify business establishments first into general industry sectors and then subdivided into detailed categories.

The top five employing industries in the Southwest LWDA are:

1. Manufacturing
2. Health Care and Social Assistance
3. Retail Trade
4. Accommodation and Food Services
5. Educational Services

Industry Graph



Source: United States Census, American Community Survey, 2021

Next, for each of these top employing industries, the top ten occupations are examined in the tables below.

Top Occupations by Employment in Manufacturing

RANK	OCCUPATION	ESTIMATED EMPLOYMENT
1	First-Line Supervisors of Production and Operating Workers	759
2	Packaging and Filling Machine Operators and Tenders	718
3	Laborers and Freight, Stock, and Material Movers, Hand	675
4	Heavy and Tractor-Trailer Truck Drivers	591
5	Production Workers, All Other	571
6	Shipping, Receiving, and Inventory Clerks	548
7	Machinists	537
8	Inspectors, Testers, Sorters, Samplers, and Weighers	471
9	Industrial Machinery Mechanics	432
10	General and Operations Managers	378

Source: Tennessee Department of Labor & Workforce Development

Top Occupations by Employment in Healthcare and Social Assistance

RANK	OCCUPATION	ESTIMATED EMPLOYMENT
1	Registered Nurses	2,707
2	Nursing Assistants	1,359
3	Licensed Practical and Licensed Vocational Nurses	1,317
4	Medical Secretaries and Administrative Assistants	492
5	Medical Assistants	457
6	Office Clerks, General	453
7	Maids and Housekeeping Cleaners	379
8	Healthcare Social Workers	308
9	Medical and Health Services Managers	303
10	Receptionists and Information Clerks	252

Source: Tennessee Department of Labor & Workforce Development

Top Occupations by Employment in Retail Trade

RANK	OCCUPATION	ESTIMATED EMPLOYMENT
1	Retail Salespersons	2,996
2	First-Line Supervisors of Retail Sales Workers	953
3	Stockers and Order Fillers	913
4	Automotive Service Technicians and Mechanics	221
5	Tire Repairers and Changers	198
6	Office Clerks, General	193
7	First-Line Supervisors of Office and Administrative Support Workers	190
8	Pharmacists	158
9	General and Operations Managers	142
10	Laborers and Freight, Stock, and Material Movers, Hand	111

Source: Tennessee Department of Labor & Workforce Development

Top Occupations by Employment in Accommodation and Food Services

RANK	OCCUPATION	ESTIMATED EMPLOYMENT
1	Fast Food and Counter Workers	2,293
2	Cooks, Fast Food	932
3	Food Preparation Workers	672
4	Cooks, Restaurant	505
5	Dishwashers	120
*	General and Operations Managers	Confidential
*	Sales Managers	Confidential
*	Food Service Managers	Confidential
*	Lodging Managers	Confidential
*	Meeting, Convention, and Event Planners	Confidential

* Rank is suppressed for confidential data.

Source: Tennessee Department of Labor & Workforce Development

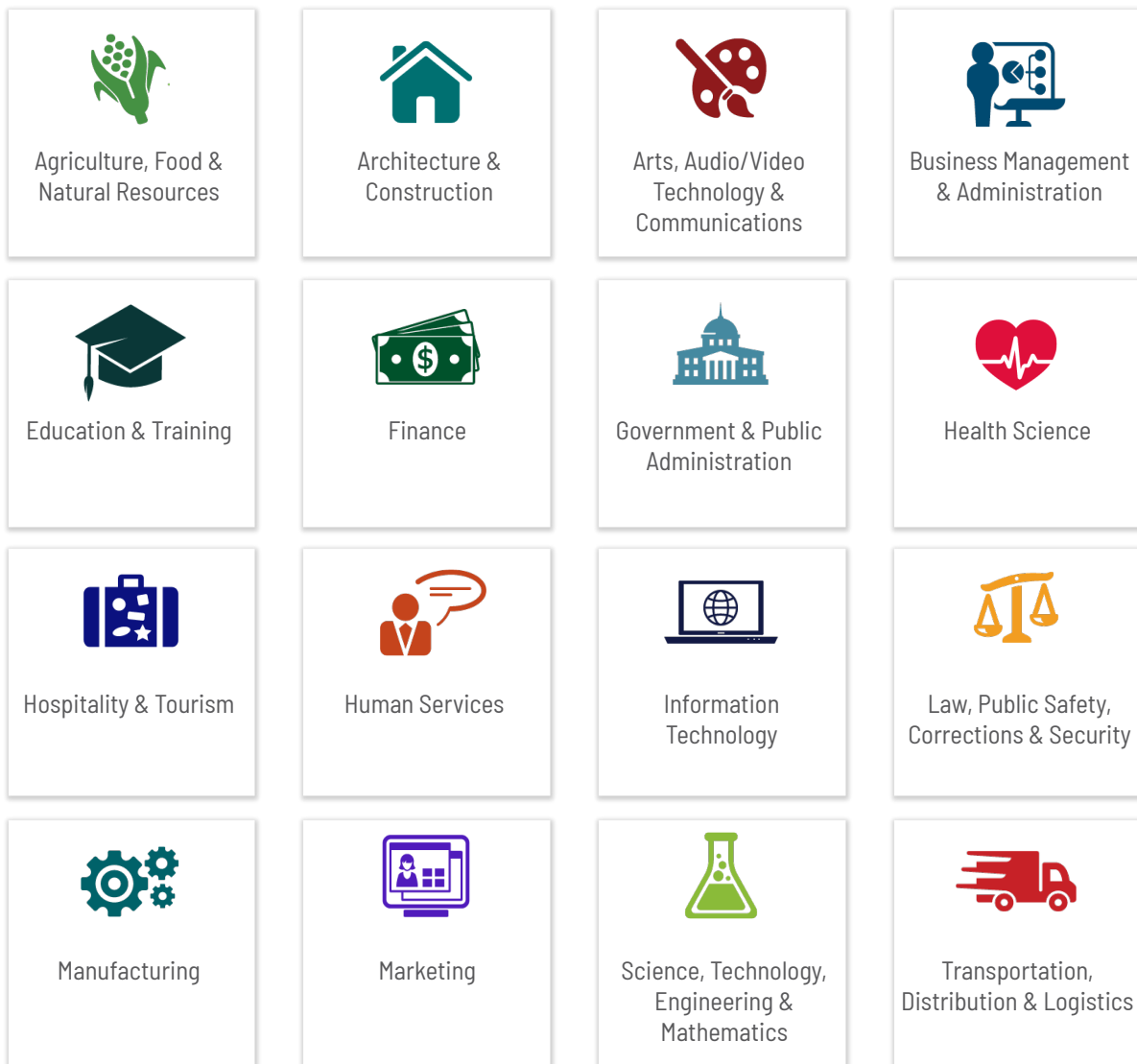
Top Occupations by Employment in Educational Services

RANK	OCCUPATION	ESTIMATED EMPLOYMENT
1	Elementary School Teachers, Except Special Education	994
2	Secondary School Teachers, Except Special and Career/Technical Education	613
3	Middle School Teachers, Except Special and Career/Technical Education	517
4	Substitute Teachers, Short-Term	231
5	Office Clerks, General	207
6	Education Administrators, Kindergarten through Secondary	197
7	First-Line Supervisors of Office and Administrative Support Workers	163
8	Kindergarten Teachers, Except Special Education	153
9	Coaches and Scouts	120
10	Maintenance and Repair Workers, General	119

Source: Tennessee Department of Labor & Workforce Development

Career Cluster Analysis

The National Career Clusters® Framework consists of 16 career clusters, representing 79 career pathways, and serves as an organizing tool for CTE programs, curriculum design, and instruction. A cluster is a group of occupations in the same field of work that require similar skills. Each cluster is further divided into different pathways that are grouped by the knowledge and skills required for occupations in these careers.



For a detailed description of each cluster, refer to [Appendix A](#).

This framework functions as a guide to help learners and job seekers navigate their interests and passions, and thus, helping them choose educational pathways that lead to a career option of their interest. Identifying the top clusters can further guide them to choose education programs that will prepare them for the top jobs in the region.

For this report, top career clusters are identified by examining data from the Occupational Employment and Wage Statistics and the 2020-2030 Occupational Employment Projections produced by the Tennessee Department of Labor & Workforce Development. The data is for the Southwest LWDA, which includes Chester County. To offer cluster-level comparisons and analysis, occupation data is linked with O*NET career cluster data.

The tables below include rankings of all sixteen career clusters by annual openings, median wage, growth, and high-value. High-value clusters are defined as clusters that highest in demand (as denoted by annual openings) with median wages above \$35,000 and stable or positive growth. The top five high-value clusters for the region are highlighted in this report. Such clusters are of the greatest value to students in that they are projected to offer the jobs with the most opportunity and a living wage. Hence, such clusters can be targeted by both educators and learners.

Top Career Clusters by Annual Openings

CLUSTER	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Hospitality & Tourism	2,091	\$24,832	2,066	21%
Business Management & Administration	1,973	\$45,744	2,080	15%
Manufacturing	1,587	\$43,568	2,070	18%
Transportation, Distribution & Logistics	1,270	\$40,511	1,600	19%
Health Science	1,186	\$54,612	2,148	22%
Marketing	1,168	\$34,694	-760	-8%
Architecture & Construction	587	\$45,262	744	16%
Education & Training	391	\$50,259	281	7%
Human Services	374	\$36,721	402	16%
Agriculture, Food & Natural Resources	358	\$37,125	108	5%
Law, Public Safety, Corrections & Security	256	\$45,728	348	16%
Finance	217	\$60,749	380	20%
Information Technology	55	\$59,458	126	26%
Science, Technology, Engineering & Mathematics	48	\$82,858	218	73%
Government & Public Administration	32	\$45,674	23	7%
Arts, Audio/Video Technology & Communications	19	\$54,070	23	20%

Source: Tennessee Department of Labor & Workforce Development

Top Career Clusters by Median Wage

CLUSTER	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Science, Technology, Engineering & Mathematics	48	\$82,858	218	73%
Finance	217	\$60,749	380	20%
Information Technology	55	\$59,458	126	26%
Health Science	1,186	\$54,612	2,148	22%
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Marketing	1,168	\$34,694	-760	-8%
Hospitality & Tourism	2,091	\$24,832	2,066	21%






Source: Tennessee Department of Labor & Workforce Development

Top Career Clusters by Growth

CLUSTER	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Science, Technology, Engineering & Mathematics	48	\$82,858	218	73%
Information Technology	55	\$59,458	126	26%
Health Science	1,186	\$54,612	2,148	22%
Hospitality & Tourism	2,091	\$24,832	2,066	21%
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Government & Public Administration	32	\$45,674	23	7%
Education & Training	391	\$50,259	281	7%
Agriculture, Food & Natural Resources	358	\$37,125	108	5%
Marketing	1,168	\$34,694	-760	-8%

Source: Tennessee Department of Labor & Workforce Development

High-Value Cluster Ranking

RANK		CLUSTER	ANNUAL OPENINGS	MEDIAN WAGE	PROJECTED NEW JOBS	GROWTH
1		Business Management & Administration	1,973	\$45,744	2,080	15%
2		Manufacturing	1,587	\$43,568	2,070	18%
3		Transportation, Distribution & Logistics	1,270	\$40,511	1,600	19%
4		Health Science	1,186	\$54,612	2,148	22%
5		Architecture & Construction	587	\$45,262	744	16%

Career Cluster Occupations

Cluster analysis can provide accurate insight regarding potential job opportunities. For each of the top five high-value clusters identified in the previous section, the top five occupations are examined on the following pages.

Occupations within each of these clusters are ranked by annual openings, median wage, growth, and high-value. High-value occupations are characterized as being highest in demand (as denoted by annual openings) with median wages greater than \$35,000 and stable or positive growth.





Business Management & Administration

Top 10 Occupations by Annual Openings

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Office Clerks, General	421	\$31,585	645	26%
Stockers and Order Fillers	274	\$28,967	271	21%
Customer Service Representatives	267	\$32,874	279	18%
General and Operations Managers	155	\$97,903	187	13%
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	144	\$34,763	-77	-6%
First-Line Supervisors of Office and Administrative Support Workers	141	\$51,396	77	6%
Bookkeeping, Accounting, and Auditing Clerks	128	\$38,281	48	5%
Shipping, Receiving, and Inventory Clerks	96	\$40,125	-18	-2%
Receptionists and Information Clerks	87	\$28,622	102	20%
Postal Service Mail Carriers	46	\$53,144	180	68%

Top 10 Occupations by Median Wage

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Chief Executives	***	\$125,474	***	0%
Purchasing Managers	4	\$104,459	7	18%
Industrial Production Managers	27	\$100,690	76	32%
General and Operations Managers	155	\$97,903	187	13%
Human Resources Managers	10	\$96,715	7	6%
Computer and Information Systems Managers	10	\$96,478	19	19%
Management Analysts	29	\$85,103	141	150%
Managers, All Other	***	\$65,129	***	0%
Executive Secretaries and Executive Administrative Assistants	***	\$59,146	***	0%
Postal Service Clerks	17	\$58,219	59	67%

Top 10 Occupations by Growth

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Management Analysts	29	\$85,103	141	150%
Postal Service Mail Carriers	46	\$53,144	180	68%
Postal Service Clerks	17	\$58,219	59	67%
Compensation, Benefits, and Job Analysis Specialists	4	\$48,294	12	32%
Industrial Production Managers	27	\$100,690	76	32%
Office Clerks, General	421	\$31,585	645	26%
Stockers and Order Fillers	274	\$28,967	271	21%
Training and Development Specialists	13	\$47,385	21	20%
Receptionists and Information Clerks	87	\$28,622	102	20%
Computer and Information Systems Managers	10	\$96,478	19	19%

Top High-Value Occupations

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
General and Operations Managers	155	\$97,903	187	13%
First-Line Supervisors of Office and Administrative Support Workers	141	\$51,396	77	6%
Bookkeeping, Accounting, and Auditing Clerks	128	\$38,281	48	5%
Postal Service Mail Carriers	46	\$53,144	180	68%
Human Resources Specialists	39	\$50,606	41	12%
Management Analysts	29	\$85,103	141	150%
Industrial Production Managers	27	\$100,690	76	32%
Postal Service Clerks	17	\$58,219	59	67%
Training and Development Specialists	13	\$47,385	21	20%
Payroll and Timekeeping Clerks	11	\$38,582	5	5%

*** Indicates no annual openings, median wages, or projected new jobs data available for this occupation in this region.



Manufacturing

Top 10 Occupations by Annual Openings

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Production Workers, All Other	192	\$36,185	215	16%
First-Line Supervisors of Production and Operating Workers	123	\$60,086	200	22%
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	120	\$39,691	619	254%
Machinists	115	\$43,074	169	20%
Maintenance and Repair Workers, General	110	\$41,116	119	13%
Inspectors, Testers, Sorters, Samplers, and Weighers	84	\$36,588	39	6%
Packaging and Filling Machine Operators and Tenders	81	\$35,900	-12	-2%
Welders, Cutters, Solderers, and Brazers	69	\$43,403	90	18%
Industrial Machinery Mechanics	59	\$59,384	125	26%
Machine Feeders and Offbearers	47	\$40,396	8	3%

Top 10 Occupations by Median Wage

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Power Plant Operators	5	\$108,992	-2	-4%
First-Line Supervisors of Mechanics, Installers, and Repairers	38	\$64,897	50	15%
Electrical and Electronics Repairers, Commercial and Industrial Equipment	25	\$61,686	116	129%
Maintenance Workers, Machinery	42	\$60,141	73	25%
First-Line Supervisors of Production and Operating Workers	123	\$60,086	200	22%
Industrial Machinery Mechanics	59	\$59,384	125	26%
Mechanical Drafters	***	\$58,984	***	0%
Industrial Engineering Technologists and Technicians	15	\$58,874	32	31%
Computer Numerically Controlled Tool Programmers	***	\$58,055	***	0%
Gas Plant Operators	***	\$55,346	***	0%

Top 10 Occupations by Growth

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	120	\$39,691	619	254%
Electrical and Electronic Engineering Technologists and Technicians	25	\$52,590	125	231%
Electrical and Electronics Repairers, Commercial and Industrial Equipment	25	\$61,686	116	129%
Sewing Machine Operators	23	\$28,751	50	40%
Production, Planning, and Expediting Clerks	47	\$46,644	100	35%
Industrial Engineering Technologists and Technicians	15	\$58,874	32	31%
Industrial Machinery Mechanics	59	\$59,384	125	26%
Drafters, All Other	6	***	11	26%
Maintenance Workers, Machinery	42	\$60,141	73	25%
Tool and Die Makers	21	\$50,024	33	24%

Top High-Value Occupations

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Production Workers, All Other	192	\$36,185	215	16%
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Industrial Machinery Mechanics	59	\$59,384	125	26%
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Machine Feeders and Offbearers	47	\$40,396	8	3%

*** Indicates no annual openings, median wages, or projected new jobs data available for this occupation in this region.



Transportation, Distribution & Logistics

Top 10 Occupations by Annual Openings

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Heavy and Tractor-Trailer Truck Drivers	383	\$47,106	602	24%
Laborers and Freight, Stock, and Material Movers, Hand	291	\$33,385	372	23%
Industrial Truck and Tractor Operators	124	\$35,008	216	27%
Light Truck Drivers	117	\$36,248	160	20%
Billing and Posting Clerks	59	\$35,865	102	27%
Automotive Service Technicians and Mechanics	58	\$38,600	13	2%
Bus and Truck Mechanics and Diesel Engine Specialists	44	\$47,602	47	12%
Cleaners of Vehicles and Equipment	44	\$28,012	60	25%
Automotive Body and Related Repairers	24	\$46,411	11	5%
Automotive and Watercraft Service Attendants	23	\$28,668	-13	-8%

Top 10 Occupations by Median Wage

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Transportation, Storage, and Distribution Managers	16	\$87,313	31	23%
Aircraft Mechanics and Service Technicians	***	\$68,619	***	0%
Logisticians	14	\$56,922	67	152%
Traffic Technicians	6	\$54,271	-1	-2%
Mobile Heavy Equipment Mechanics, Except Engines	23	\$50,282	36	20%
Bus and Truck Mechanics and Diesel Engine Specialists	44	\$47,602	47	12%
Heavy and Tractor-Trailer Truck Drivers	383	\$47,106	602	24%
Automotive Body and Related Repairers	24	\$46,411	11	5%
Automotive Service Technicians and Mechanics	58	\$38,600	13	2%
Light Truck Drivers	117	\$36,248	160	20%

Top 10 Occupations by Growth

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Logisticians	14	\$56,922	67	152%
Industrial Truck and Tractor Operators	124	\$35,008	216	27%
Billing and Posting Clerks	59	\$35,865	102	27%
Cleaners of Vehicles and Equipment	44	\$28,012	60	25%
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Transportation, Storage, and Distribution Managers	16	\$87,313	31	23%
Laborers and Freight, Stock, and Material Movers, Hand	291	\$33,385	372	23%
Light Truck Drivers	117	\$36,248	160	20%
Mobile Heavy Equipment Mechanics, Except Engines	23	\$50,282	36	20%
Dispatchers, Except Police, Fire, and Ambulance	16	\$35,250	16	13%

Top High-Value Occupations

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Heavy and Tractor-Trailer Truck Drivers	383	\$47,106	602	24%
Industrial Truck and Tractor Operators	124	\$35,008	216	27%
Light Truck Drivers	117	\$36,248	160	20%
Billing and Posting Clerks	59	\$35,865	102	27%
Automotive Service Technicians and Mechanics	58	\$38,600	13	2%
Bus and Truck Mechanics and Diesel Engine Specialists	44	\$47,602	47	12%
Automotive Body and Related Repairers	24	\$46,411	11	5%
Mobile Heavy Equipment Mechanics, Except Engines	23	\$50,282	36	20%
Transportation, Storage, and Distribution Managers	16	\$87,313	31	23%
Dispatchers, Except Police, Fire, and Ambulance	16	\$35,250	16	13%

*** Indicates no annual openings, median wages, or projected new jobs data available for this occupation in this region.



Health Science

Top 10 Occupations by Annual Openings

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Nursing Assistants	252	\$30,101	179	12%
Registered Nurses	236	\$64,315	548	19%
Licensed Practical and Licensed Vocational Nurses	162	\$43,532	294	20%
Medical Assistants	95	\$32,531	180	39%
Medical Secretaries and Administrative Assistants	78	\$31,716	117	23%
Medical and Health Services Managers	53	\$80,631	173	46%
Nurse Practitioners	37	\$101,395	177	63%
Phlebotomists	34	\$30,728	48	27%
Dental Assistants	32	\$37,268	31	16%
Physical Therapist Assistants	29	\$62,682	59	43%

Top 10 Occupations by Median Wage

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Pediatricians, General	***	\$208,000	***	0%
Family Medicine Physicians	3	\$208,000	12	18%
Dentists, General	***	\$157,869	***	0%
Pharmacists	11	\$128,425	-1	-0%
Optometrists	***	\$114,748	***	0%
Physician Assistants	9	\$101,495	38	47%
Nurse Practitioners	37	\$101,395	177	63%
Occupational Therapists	5	\$97,049	7	13%
Veterinarians	***	\$93,150	***	0%
Physical Therapists	9	\$88,882	26	21%

Top 10 Occupations by Growth

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Nurse Practitioners	37	\$101,395	177	63%
Physician Assistants	9	\$101,495	38	47%
Medical and Health Services Managers	53	\$80,631	173	46%
Physical Therapist Assistants	29	\$62,682	59	43%
Veterinary Assistants and Laboratory Animal Caretakers	14	\$29,283	21	41%
Medical Assistants	95	\$32,531	180	39%
Respiratory Therapists	11	\$52,975	40	37%
Ophthalmic Medical Technicians	10	\$37,967	21	34%
Diagnostic Medical Sonographers	7	\$66,692	24	31%
Phlebotomists	34	\$30,728	48	27%

Top High-Value Occupations

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Registered Nurses	236	\$64,315	548	19%
Licensed Practical and Licensed Vocational Nurses	162	\$43,532	294	20%
Medical and Health Services Managers	53	\$80,631	173	46%
Nurse Practitioners	37	\$101,395	177	63%
Dental Assistants	32	\$37,268	31	16%
Physical Therapist Assistants	29	\$62,682	59	43%
Pharmacy Technicians	25	\$35,325	2	1%
Radiologic Technologists and Technicians	16	\$52,723	45	24%
Dental Hygienists	11	\$63,418	21	15%
Respiratory Therapists	11	\$52,975	40	37%

*** Indicates no annual openings, median wages, or projected new jobs data available for this occupation in this region.



Architecture & Construction

Top 10 Occupations by Annual Openings

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Landscaping and Groundskeeping Workers	105	\$29,506	135	21%
Construction Laborers	85	\$36,434	100	14%
Electricians	56	\$51,480	139	41%
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	36	\$44,832	76	29%
First-Line Supervisors of Construction Trades and Extraction Workers	31	\$59,853	21	7%
Plumbers, Pipefitters, and Steamfitters	31	\$49,227	60	27%
Operating Engineers and Other Construction Equipment Operators	24	\$46,300	27	14%
Carpenters	22	\$43,712	11	5%
Construction Managers	22	\$77,604	-1	-0%
Helpers—Electricians	22	\$30,956	34	24%

Top 10 Occupations by Median Wage

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Construction Managers	22	\$77,604	-1	-0%
Civil Engineers	7	\$77,384	15	25%
Electrical Power-Line Installers and Repairers	12	\$74,935	11	9%
Control and Valve Installers and Repairers, Except Mechanical Door	***	\$60,068	***	0%
First-Line Supervisors of Construction Trades and Extraction Workers	31	\$59,853	21	7%
Cost Estimators	9	\$57,845	7	8%
Crane and Tower Operators	***	\$51,496	***	0%
Electricians	56	\$51,480	139	41%
First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	11	\$50,945	18	22%
Millwrights	6	\$50,876	11	25%

Top 10 Occupations by Growth

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Electricians	56	\$51,480	139	41%
Surveying and Mapping Technicians	7	\$49,772	13	35%
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	36	\$44,832	76	29%
Helpers—Pipelayers, Plumbers, Pipefitters, and Steamfitters	15	\$31,224	25	28%
Plumbers, Pipefitters, and Steamfitters	31	\$49,227	60	27%
Millwrights	6	\$50,876	11	25%
Civil Engineers	7	\$77,384	15	25%
Helpers—Electricians	22	\$30,956	34	24%
Helpers—Installation, Maintenance, and Repair Workers	11	\$32,882	15	22%
First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	11	\$50,945	18	22%

Top High-Value Occupations

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE
Construction Laborers	85	\$36,434	100	14%
Electricians	56	\$51,480	139	41%
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	36	\$44,832	76	29%
Plumbers, Pipefitters, and Steamfitters	31	\$49,227	60	27%
First-Line Supervisors of Construction Trades and Extraction Workers	31	\$59,853	21	7%
Operating Engineers and Other Construction Equipment Operators	24	\$46,300	27	14%
Carpenters	22	\$43,712	11	5%
Painters, Construction and Maintenance	18	\$41,683	26	16%
Paving, Surfacing, and Tamping Equipment Operators	13	\$38,735	16	16%
Electrical Power-Line Installers and Repairers	12	\$74,935	11	9%

*** Indicates no annual openings, median wages, or projected new jobs data available for this occupation in this region.

Regional Occupations

Finally, to better understand the overall employment landscape of the Southwest LWDA, the top twenty occupations, overall, are listed by annual openings, median wages, growth, and high-value. This type of analysis provides a broader picture of occupations with the highest demand, wages, and growth across all clusters within the region.

Top 20 Occupations by Annual Openings

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE	CLUSTER
Fast Food and Counter Workers	629	\$22,043	554	23%	Hospitality & Tourism
Office Clerks, General	421	\$31,585	645	26%	Business Management & Administration
Cashiers	395	\$22,614	-291	-12%	Marketing
Retail Salespersons	389	\$27,382	-632	-18%	Marketing
Heavy and Tractor-Trailer Truck Drivers	383	\$47,106	602	24%	Transportation, Distribution & Logistics
Laborers and Freight, Stock, and Material Movers, Hand	291	\$33,385	372	23%	Transportation, Distribution & Logistics
Stockers and Order Fillers	274	\$28,967	271	21%	Business Management & Administration
Customer Service Representatives	267	\$32,874	279	18%	Business Management & Administration
Nursing Assistants	252	\$30,101	179	12%	Health Science
Registered Nurses	236	\$64,315	548	19%	Health Science
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	230	\$26,851	280	21%	Hospitality & Tourism
Waiters and Waitresses	227	\$19,776	243	28%	Hospitality & Tourism
Food Preparation Workers	221	\$23,137	106	9%	Hospitality & Tourism
Production Workers, All Other	192	\$36,185	215	16%	Manufacturing
Licensed Practical and Licensed Vocational Nurses	162	\$43,532	294	20%	Health Science
Agricultural Equipment Operators	157	***	101	12%	Agriculture, Food & Natural Resources
Maids and Housekeeping Cleaners	156	\$25,345	201	23%	Hospitality & Tourism
General and Operations Managers	155	\$97,903	187	13%	Business Management & Administration
Cooks, Fast Food	151	\$22,356	43	5%	Hospitality & Tourism
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	144	\$34,763	-77	-6%	Business Management & Administration

Top 20 Occupations by Median Wage

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE	CLUSTER
Pediatricians, General	***	\$208,000	***	***	Health Science
Family Medicine Physicians	3	\$208,000	12	18%	Health Science
Dentists, General	***	\$157,869	***	***	Health Science
Pharmacists	11	\$128,425	-1	0%	Health Science
Sales Managers	25	\$126,209	55	26%	Marketing
Chief Executives	***	\$125,474	***	***	Business Management & Administration
Architectural and Engineering Managers	***	\$118,315	***	***	Science, Technology, Engineering & Mathematics
Optometrists	***	\$114,748	***	***	Health Science
Financial Managers	46	\$113,820	117	29%	Finance
Power Plant Operators	5	\$108,992	-2	-4%	Manufacturing
Purchasing Managers	4	\$104,459	7	18%	Business Management & Administration
Physician Assistants	9	\$101,495	38	47%	Health Science
Nurse Practitioners	37	\$101,395	177	63%	Health Science
Marketing Managers	9	\$100,696	18	24%	Marketing
Industrial Production Managers	27	\$100,690	76	32%	Business Management & Administration
Lawyers	15	\$99,892	36	16%	Law, Public Safety, Corrections & Security
Electrical Engineers	11	\$97,976	57	112%	Science, Technology, Engineering & Mathematics
General and Operations Managers	155	\$97,903	187	13%	Business Management & Administration
Occupational Therapists	5	\$97,049	7	13%	Health Science
Human Resources Managers	10	\$96,715	7	6%	Business Management & Administration

Top 20 Occupations by Growth

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE	CLUSTER
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	120	\$39,691	619	254%	Manufacturing
Electrical and Electronic Engineering Technologists and Technicians	25	\$52,590	125	231%	Manufacturing
Logisticians	14	\$56,922	67	152%	Transportation, Distribution & Logistics
Management Analysts	29	\$85,103	141	150%	Business Management & Administration
Electrical and Electronics Repairers, Commercial and Industrial Equipment	25	\$61,686	116	129%	Manufacturing
Electrical Engineers	11	\$97,976	57	112%	Science, Technology, Engineering & Mathematics
Mechanical Engineers	11	\$93,140	61	111%	Science, Technology, Engineering & Mathematics
Industrial Engineers	22	\$81,469	100	68%	Science, Technology, Engineering & Mathematics
Postal Service Mail Carriers	46	\$53,144	180	68%	Business Management & Administration
Postal Service Clerks	17	\$58,219	59	67%	Business Management & Administration
Nurse Practitioners	37	\$101,395	177	63%	Health Science
Accountants and Auditors	70	\$60,238	246	62%	Finance
Cooks, Restaurant	134	\$28,666	306	59%	Hospitality & Tourism
Market Research Analysts and Marketing Specialists	14	\$53,240	43	52%	Marketing
Animal Caretakers	31	\$27,013	56	52%	Agriculture, Food & Natural Resources
Computer Systems Analysts	17	\$77,267	58	48%	Information Technology
Community Health Workers	7	\$45,490	18	47%	Human Services
Physician Assistants	9	\$101,495	38	47%	Health Science
Public Relations Specialists	6	\$51,199	19	46%	Marketing
Medical and Health Services Managers	53	\$80,631	173	46%	Health Science

Top 20 High-Value Occupations

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH RATE	CLUSTER
Heavy and Tractor-Trailer Truck Drivers	383	\$47,106	602	24%	Transportation, Distribution & Logistics
Registered Nurses	236	\$64,315	548	19%	Health Science
Production Workers, All Other	192	\$36,185	215	16%	Manufacturing
Licensed Practical and Licensed Vocational Nurses	162	\$43,532	294	20%	Health Science
General and Operations Managers	155	\$97,903	187	13%	Business Management & Administration
First-Line Supervisors of Office and Administrative Support Workers	141	\$51,396	77	6%	Business Management & Administration
Bookkeeping, Accounting, and Auditing Clerks	128	\$38,281	48	5%	Business Management & Administration
Industrial Truck and Tractor Operators	124	\$35,008	216	27%	Transportation, Distribution & Logistics
First-Line Supervisors of Production and Operating Workers	123	\$60,086	200	22%	Manufacturing
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	120	\$39,691	619	254%	Manufacturing
Light Truck Drivers	117	\$36,248	160	20%	Transportation, Distribution & Logistics
Machinists	115	\$43,074	169	20%	Manufacturing
Maintenance and Repair Workers, General	110	\$41,116	119	13%	Manufacturing
Construction Laborers	85	\$36,434	100	14%	Architecture & Construction
Inspectors, Testers, Sorters, Samplers, and Weighers	84	\$36,588	39	6%	Manufacturing
Elementary School Teachers, Except Special Education	76	\$48,110	16	2%	Education & Training
Accountants and Auditors	70	\$60,238	246	62%	Finance
Welders, Cutters, Solderers, and Brazers	69	\$43,403	90	18%	Manufacturing
Food Service Managers	68	\$46,629	131	33%	Hospitality & Tourism
Billing and Posting Clerks	59	\$35,865	102	27%	Transportation, Distribution & Logistics

*** Indicates no annual openings, median wages, or projected new jobs data available for this occupation in this region.

In Review

Summary & Recommendations

The use of updated labor market information is an important tool for a region to ensure that its learners have career opportunities with life-sustaining wages and employers have a steady pipeline of qualified workers. District leaders can use labor market information to identify gaps in program offerings, address unmet needs and improve access of their CTE programs.

The goal of this report is to provide regional labor market information to local leaders so they can better position their CTE programs to prepare students to access high-value occupations in their region.

Analysis of regional workforce data indicates that the top employing industries in this region are: Manufacturing, Health Care and Social Assistance, Retail Trade, Accommodation and Food Services, and Educational Services. Growing occupations within these industries are included in the Industry Overview section of this report.

Further, it can be concluded that the top high-value career clusters in the region that have strong demand and can provide good career opportunities are:

- Business Management & Administration
- Manufacturing
- Transportation, Distribution & Logistics
- Health Science
- Architecture & Construction

A detailed analysis of top occupations within each of these cluster is included in the Career Cluster Occupation section of this report.

Based on this report, CTE programs in the region need to focus their efforts to align program offerings with these high-value clusters and top occupations within these clusters. Participating in these CTE programs will provide learners with the technical skills and credentials needed to accelerate growth and individual opportunity. The ability to meet workforce demands will allow better labor market alignment in the region.



Agriculture, Food &
Natural Resources

This cluster is focused on the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products or resources.



Architecture &
Construction

This cluster is focused on careers in designing, planning, managing, building and maintaining the built environment.



Arts, Audio/Video
Technology &
Communications

This cluster is focused on designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism and entertainment services.



Business Management
& Administration

This cluster is focused on careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.



Education & Training

This cluster is focused on planning, managing and providing education and training services, and related learning support services.



Finance

This cluster is focused on planning, services for financial and investment planning, banking, insurance, and business financial management.



Government & Public Administration

This cluster is focused on planning and performing government functions at the local, state and federal levels, including governance, national security, foreign service, planning, revenue and taxation, and regulations.



Health Science

This cluster is focused on planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.



Hospitality & Tourism

This cluster is focused on management, marketing and operations of restaurants and other food services, lodging, attractions, recreation events and travel related services.



Human Services

This cluster is focused on preparing individuals for employment in careers that relate to families and human needs such as counseling and mental health services, family and community services, personal care and consumer services.



Information Technology

This cluster is focused on building linkages in information technology occupations for entry level, technical and professional careers related to the design, development, support and management of hardware, software, multimedia and systems integration services.



Law, Public Safety,
Corrections & Security

This cluster is focused on planning, managing, and providing legal, public safety and protective services and homeland security, including professional and technical support services.



Manufacturing

This cluster is focused on planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing, and process engineering.



Marketing

This cluster is focused on planning, managing and performing marketing activities to reach organizational objectives.



Science, Technology,
Engineering &
Mathematics

This cluster is focused on planning, managing and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.



Transportation,
Distribution & Logistics

This cluster is focused on planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

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