



Intermediate Unit 1 - Westmoreland-Fayette

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.

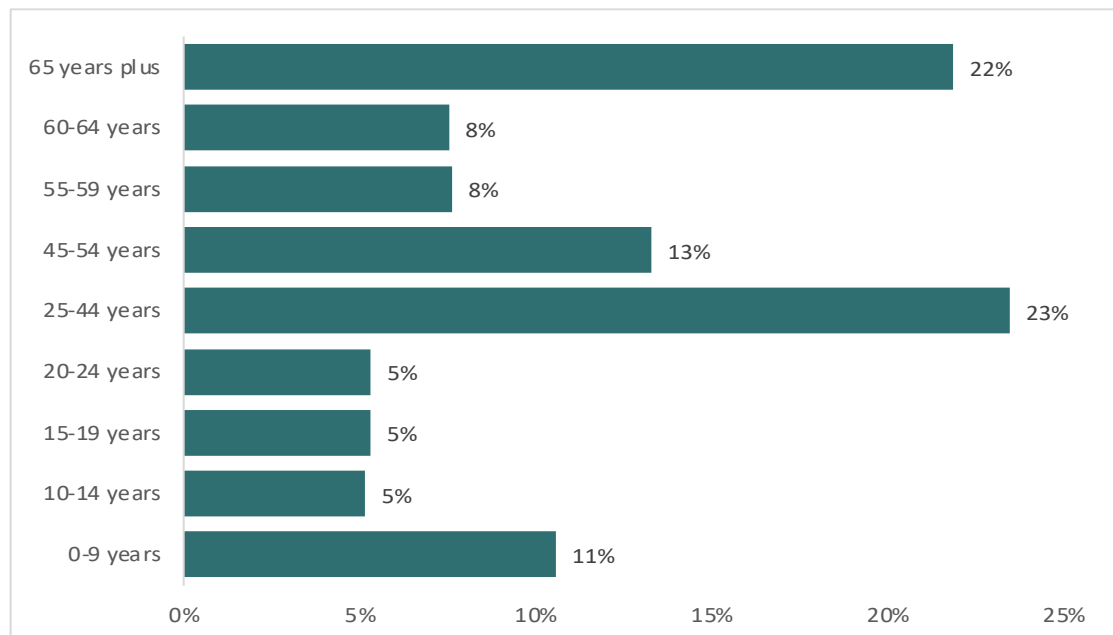
Intermediate Unit 1 - Westmoreland-Fayette Workforce Development Area serves Fayette County in Pennsylvania and includes 6 school districts and 2 career technology centers.

As per the last census (2022), the population of Fayette County is 128,417 residents.

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



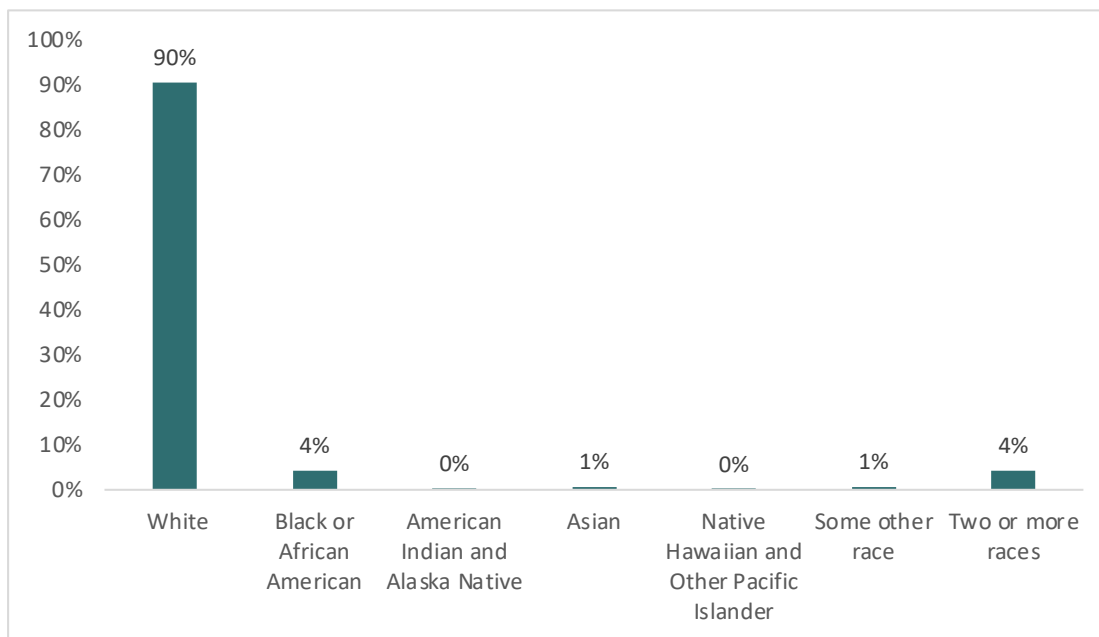
Population by Age



Source: United States Census, American Community Survey, 2022

The majority of the population in this region is White at 90 percent.

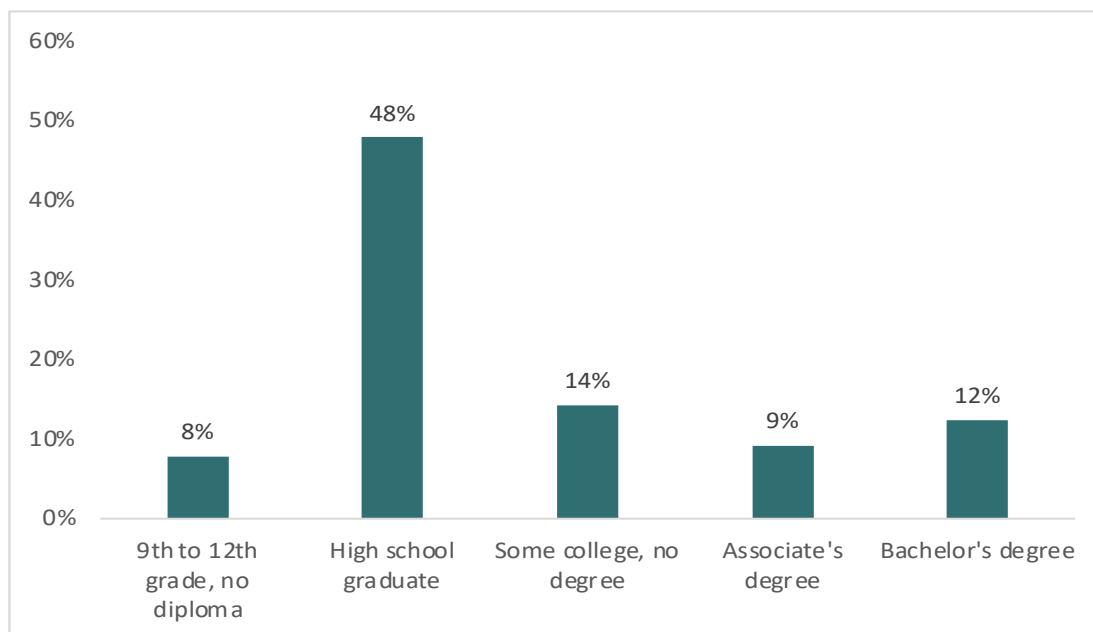
Population by Race



Source: United States Census, American Community Survey, 2022

Approximately 48 percent of the population has a high school degree and 14 percent have a some college, no degree.

Population by Education Attainment



Source: United States Census, American Community Survey, 2022

Workforce Region

The state of Pennsylvania is divided into 23 Workforce Development Areas (WDAs) that consist of designated geographic areas in which state and local partners collaborate to provide workforce services. The main purpose of the WDA is to develop and maintain a quality workforce for the region. Intermediate Unit 1 (IU1) serves Fayette County, which is part of the Westmoreland-Fayette WDA.

Based on guidance by the Bureau of Labor Statistics, the Pennsylvania Department of Labor and Industry produces employment estimates and wages for each of these WDAs. All labor market data used in this report is for the Westmoreland-Fayette WDA, which includes Fayette County.



Industry Overview

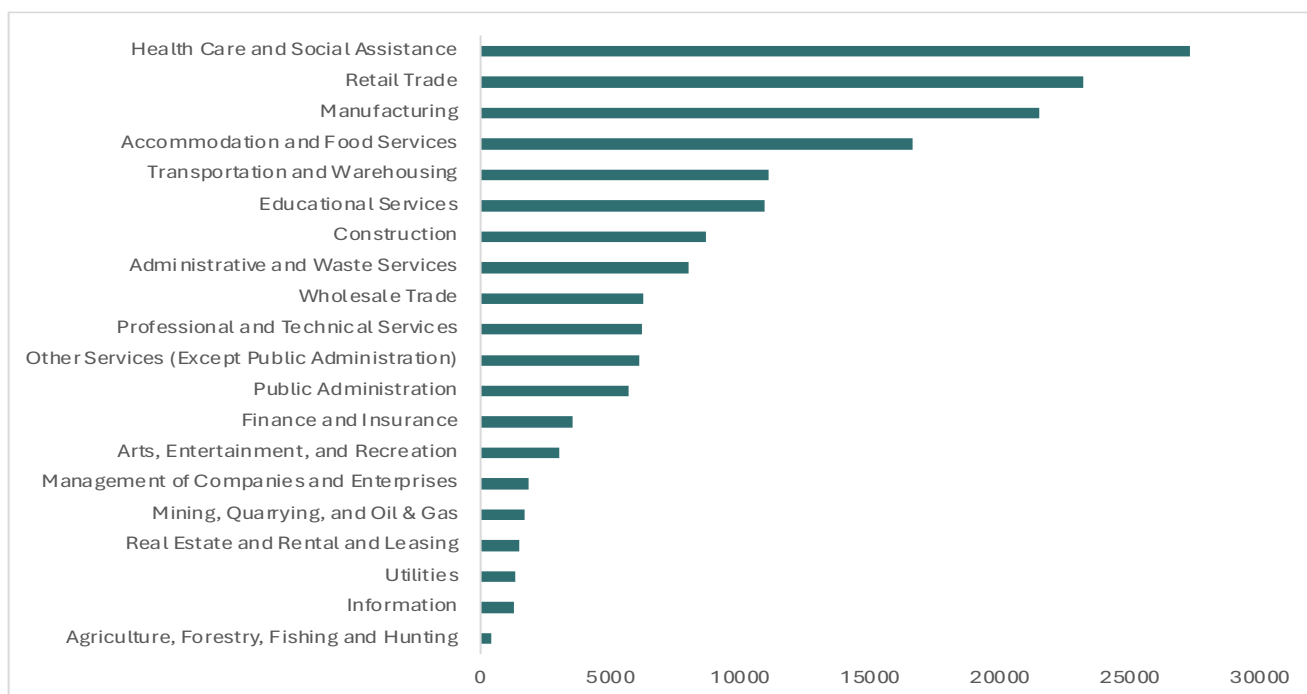
Employment is one of the key indicators of the health of an economy. In this section, attention is paid to industries and occupations that make up the current labor market. Industries consist of groups of companies that are related based on their primary business activities and the goods and services 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 Pennsylvania Department of Labor and Workforce Development 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 Westmoreland-Fayette Workforce Development Area are:

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

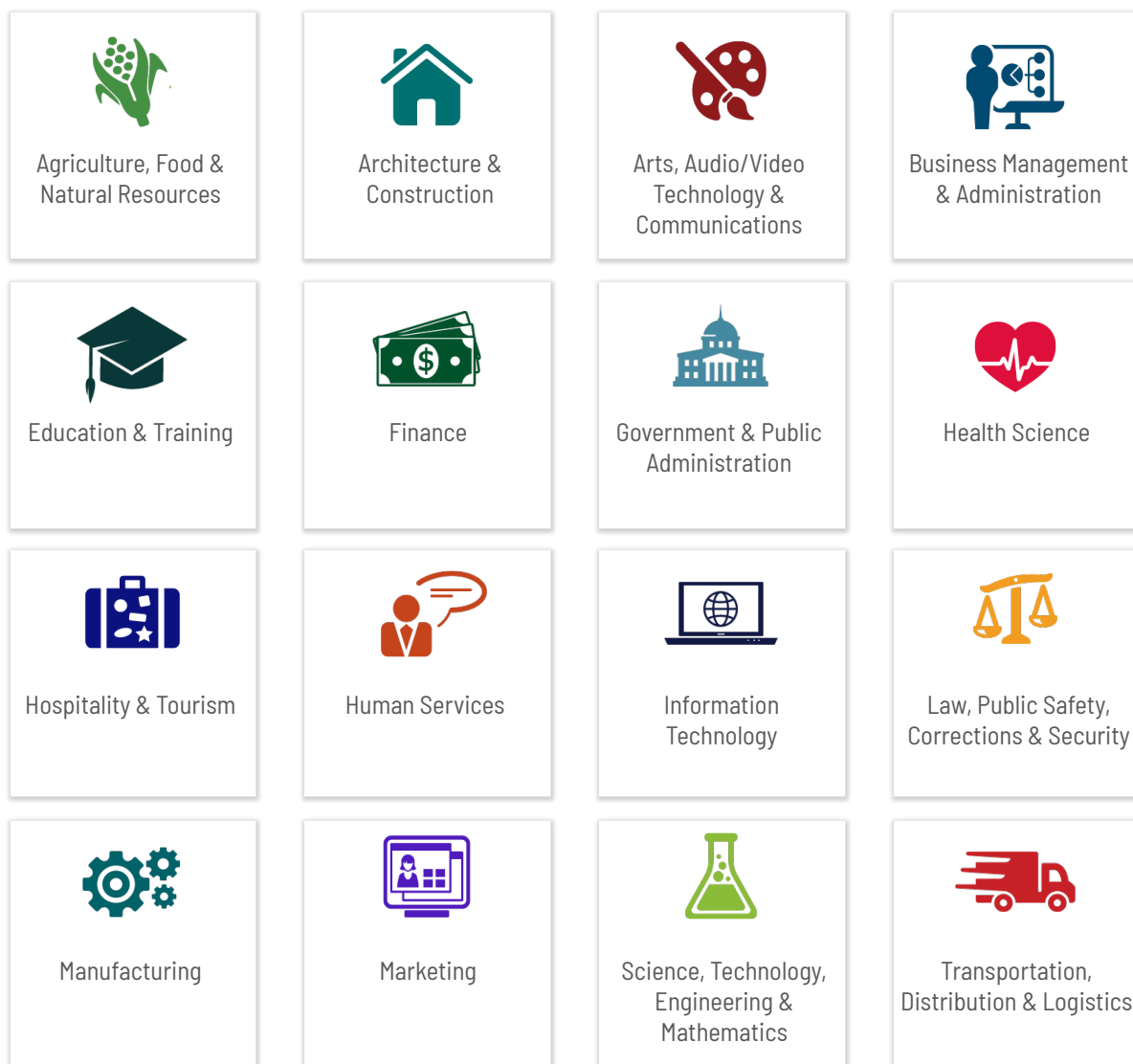
Industry Graph



Source: Quarterly Census of Employment and Wages, 2022

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 Pennsylvania Department of Labor & Workforce Development. The data is for the Westmoreland-Fayette Workforce Development Area (WDA), which includes Fayette 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.

Top Career Clusters by Annual Openings

CLUSTER	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH
Hospitality & Tourism	3,804	\$27,496	3,040	16%
Marketing	2,466	\$37,937	-290	-2%
Business Management & Administration	2,452	\$46,321	-380	-2%
Transportation, Distribution & Logistics	2,074	\$42,885	1040	6%
Manufacturing	1,228	\$49,775	120	1%
Architecture & Construction	1,210	\$53,000	280	2%
Health Science	1,002	\$60,334	300	3%
Human Services	648	\$40,050	600	12%
Education & Training	470	\$63,949	-140	-2%
Law, Public Safety, Corrections & Security	348	\$65,454	80	3%
Finance	306	\$58,092	80	2%
Agriculture, Food & Natural Resources	191	\$48,960	90	6%
Science, Technology, Engineering & Mathematics	145	\$92,668	160	8%
Government & Public Administration	104	\$56,242	0	0
Arts, Audio/Video Technology & Communications	97	\$46,056	40	4%

Source: Pennsylvania Department of Labor and Industry

Top Career Clusters by Median Wage

CLUSTER	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH
Science, Technology, Engineering & Mathematics	145	\$92,668	160	8%
Information Technology	94	\$72,381	0	0
Law, Public Safety, Corrections & Security	348	\$65,454	80	3%
Education & Training	470	\$63,949	-140	-2%
Health Science	1,002	\$60,334	300	3%
Finance	306	\$58,092	80	2%
Government & Public Administration	104	\$56,242	0	0
Architecture & Construction	1,210	\$53,000	280	2%
Manufacturing	1,228	\$49,775	120	1%
Agriculture, Food & Natural Resources	191	\$48,960	90	6%
Business Management & Administration	2,452	\$46,321	-380	-2%
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Transportation, Distribution & Logistics	2,074	\$42,885	1,040	6%
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Hospitality & Tourism	3,804	\$27,496	3,040	16%

Source: Pennsylvania Department of Labor and Industry






Top Career Clusters by Growth

CLUSTER	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH
Hospitality & Tourism	3,804	\$27,496	3,040	16%
Human Services	648	\$40,050	600	12%
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Marketing	2,466	\$37,937	-290	-2%
Business Management & Administration	2,452	\$46,321	-380	-2%
Education & Training	470	\$63,949	-140	-2%

Source: Pennsylvania Department of Labor and Industry

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.

High-Value Cluster Ranking

RANK		CLUSTER	ANNUAL OPENINGS	MEDIAN WAGE	PROJECTED NEW JOBS	GROWTH
1		Transportation, Distribution & Logistics	2,074	\$42,885	1,040	6%
2		Manufacturing	1,228	\$49,775	120	1%
3		Architecture & Construction	1,210	\$53,000	280	2%
4		Health Science	1,002	\$ 60,334	300	3%
5		Human Services	648	\$40,050	600	12%

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.





Transportation, Distribution & Logistics

Top 10 Occupations by Annual Openings

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH
Laborers and Freight, Stock, and Material Movers, Hand	826	\$36,960	530	9%
Heavy and Tractor-Trailer Truck Drivers	418	\$52,150	220	6%
Light Truck Drivers	319	\$38,430	120	4%
Industrial Truck and Tractor Operators	104	\$41,190	50	6%
Automotive Service Technicians and Mechanics	99	\$45,750	-30	-3%
Bus and Truck Mechanics and Diesel Engine Specialists	52	\$49,870	40	8%
Packers and Packagers, Hand	48	\$32,380	20	6%
Cleaners of Vehicles and Equipment	37	\$28,820	0	0
Billing and Posting Clerks	34	\$39,580	-10	-3%
Mobile Heavy Equipment Mechanics, Except Engines	31	\$57,200	30	12%

Top 10 Occupations by Median Wage

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH
Transportation, Storage, and Distribution Managers	9	\$94,500	10	9%
Logisticians	20	\$69,860	50	31%
Mobile Heavy Equipment Mechanics, Except Engines	31	\$57,200	30	12%
Aircraft Mechanics and Service Technicians	7	\$56,950	10	14%
Heavy and Tractor-Trailer Truck Drivers	418	\$52,150	220	6%
Bus and Truck Mechanics and Diesel Engine Specialists	52	\$49,870	40	8%
Automotive Body and Related Repairers	26	\$47,180	0	0
Dispatchers, Except Police, Fire, and Ambulance	14	\$46,000	10	7%
Automotive Service Technicians and Mechanics	99	\$45,750	-30	-3%
Industrial Truck and Tractor Operators	104	\$41,190	50	6%

Top 10 Occupations by Growth

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH
Logisticians	20	\$69,860	50	31%
Aircraft Mechanics and Service Technicians	7	\$56,950	10	14%
Mobile Heavy Equipment Mechanics, Except Engines	31	\$57,200	30	12%
Laborers and Freight, Stock, and Material Movers, Hand	826	\$36,960	530	9%
Transportation, Storage, and Distribution Managers	9	\$94,500	10	9%
Bus and Truck Mechanics and Diesel Engine Specialists	52	\$49,870	40	8%
Dispatchers, Except Police, Fire, and Ambulance	14	\$46,000	10	7%
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Top High-Value Occupations

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Bus and Truck Mechanics and Diesel Engine Specialists	52	\$49,870	40	8%
Mobile Heavy Equipment Mechanics, Except Engines	31	\$57,200	30	12%
Logisticians	20	\$69,860	50	31%
Dispatchers, Except Police, Fire, and Ambulance	14	\$46,000	10	7%
Transportation, Storage, and Distribution Managers	9	\$94,500	10	9%
Aircraft Mechanics and Service Technicians	7	\$56,950	10	14%



Manufacturing

Top 10 Occupations by Annual Openings

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH
Maintenance and Repair Workers, General	159	\$44,900	70	4%
Welders, Cutters, Solderers, and Brazers	124	\$47,550	80	8%
Industrial Machinery Mechanics	118	\$57,260	190	18%
First-Line Supervisors of Production and Operating Workers	102	\$64,740	20	2%
Computer Numerically Controlled Tool Operators	92	\$48,170	-80	-8%
Machinists	78	\$47,880	30	4%
Inspectors, Testers, Sorters, Samplers, and Weighers	76	\$44,740	-140	-17%
First-Line Supervisors of Mechanics, Installers, and Repairers	52	\$68,640	30	6%
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	38	\$40,670	20	6%
Helpers—Production Workers	37	\$36,450	-20	-7%

Top 10 Occupations by Median Wage

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH
Power Plant Operators	2	\$101,270	0	0
First-Line Supervisors of Mechanics, Installers, and Repairers	52	\$68,640	30	6%
First-Line Supervisors of Production and Operating Workers	102	\$64,740	20	2%
Maintenance Workers, Machinery	3	\$63,320	0	0
Mechanical Drafters	17	\$62,230	-20	-10%
Electrical and Electronics Drafters	1	\$61,690	0	0
Mechanical Engineering Technologists and Technicians	6	\$58,900	0	0
Tool and Die Makers	9	\$57,490	-20	-15%
Industrial Machinery Mechanics	118	\$57,260	190	18%
Electrical and Electronics Repairers, Commercial and Industrial Equipment	9	\$53,460	10	11%

Top 10 Occupations by Growth

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH
Industrial Machinery Mechanics	118	\$57,260	190	18%
Electrical and Electronics Repairers, Commercial and Industrial Equipment	9	\$53,460	10	11%
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	35	\$43,370	30	10%
Welders, Cutters, Solderers, and Brazers	124	\$47,550	80	8%
Chemical Technicians	17	\$45,180	10	7%
Cabinetmakers and Bench Carpenters	15	\$43,830	10	7%
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	38	\$40,670	20	6%
First-Line Supervisors of Mechanics, Installers, and Repairers	52	\$68,640	30	6%
Maintenance and Repair Workers, General	159	\$44,900	70	4%
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Top High-Value Occupations

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First-Line Supervisors of Production and Operating Workers	102	\$64,740	20	2%
Machinists	78	\$47,880	30	4%
First-Line Supervisors of Mechanics, Installers, and Repairers	52	\$68,640	30	6%
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	38	\$40,670	20	6%
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	35	\$43,370	30	10%
Production, Planning, and Expediting Clerks	26	\$46,860	10	4%
Chemical Technicians	17	\$45,180	10	7%



Architecture & Construction

Top 10 Occupations by Annual Openings

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH
Construction Laborers	191	\$47,300	40	2%
Landscaping and Groundskeeping Workers	189	\$31,430	120	9%
Operating Engineers and Other Construction Equipment Operators	116	\$54,970	50	5%
Carpenters	101	\$48,510	-180	-13%
Electricians	88	\$61,680	60	8%
First-Line Supervisors of Construction Trades and Extraction Workers	82	\$68,620	40	5%
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	63	\$47,320	40	7%
Plumbers, Pipefitters, and Steamfitters	51	\$61,480	20	4%
Highway Maintenance Workers	47	\$46,260	10	2%
Service Unit Operators, Oil and Gas	44	\$41,010	50	17%

Top 10 Occupations by Median Wage

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH
Construction Managers	26	\$101,310	30	10%
Civil Engineers	37	\$83,600	30	7%
Pipelayers	8	\$76,910	0	0
Control and Valve Installers and Repairers, Except Mechanical Door	6	\$73,580	0	0
Cost Estimators	27	\$69,700	10	3%
First-Line Supervisors of Construction Trades and Extraction Workers	82	\$68,620	40	5%
Electricians	88	\$61,680	60	8%
Plumbers, Pipefitters, and Steamfitters	51	\$61,480	20	4%
Surveyors	2	\$58,410	0	0
Operating Engineers and Other Construction Equipment Operators	116	\$54,970	50	5%

Top 10 Occupations by Growth

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH
Septic Tank Servicers and Sewer Pipe Cleaners	3	\$47,980	10	50%
Service Unit Operators, Oil and Gas	44	\$41,010	50	17%
Construction Managers	26	\$101,310	30	10%
Landscaping and Groundskeeping Workers	189	\$31,430	120	9%
Electricians	88	\$61,680	60	8%
Civil Engineers	37	\$83,600	30	7%
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	63	\$47,320	40	7%
First-Line Supervisors of Construction Trades and Extraction Workers	82	\$68,620	40	5%
Operating Engineers and Other Construction Equipment Operators	116	\$54,970	50	5%
Plumbers, Pipefitters, and Steamfitters	51	\$61,480	20	4%

Top High-Value Occupations

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH
Construction Laborers	191	\$47,300	40	2%
Operating Engineers and Other Construction Equipment Operators	116	\$54,970	50	5%
Electricians	88	\$61,680	60	8%
First-Line Supervisors of Construction Trades and Extraction Workers	82	\$68,620	40	5%
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	63	\$47,320	40	7%
Plumbers, Pipefitters, and Steamfitters	51	\$61,480	20	4%
Highway Maintenance Workers	47	\$46,260	10	2%
Service Unit Operators, Oil and Gas	44	\$41,010	50	17%
First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	38	\$49,090	10	3%
Civil Engineers	37	\$83,600	30	7%



Health Science

Top 10 Occupations by Annual Openings

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH
Nursing Assistants	380	\$37,090	200	7%
Registered Nurses	120	\$77,100	-230	-8%
Medical Assistants	99	\$36,650	80	11%
Licensed Practical and Licensed Vocational Nurses	68	\$53,400	30	4%
Physical Therapist Assistants	39	\$54,270	50	19%
Pharmacy Technicians	34	\$35,560	20	4%
Medical and Health Services Managers	33	\$101,870	60	18%
Radiologic Technologists and Technicians	27	\$60,910	-30	-7%
Medical Secretaries and Administrative Assistants	27	\$35,710	0	0
Nurse Practitioners	21	***	90	50%

Top 10 Occupations by Median Wage

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH
Medical and Health Services Managers	33	\$101,870	60	18%
Physical Therapists	17	\$100,820	20	5%
Physician Assistants	14	\$100,410	50	33%
Occupational Therapists	17	\$82,920	0	0
Speech-Language Pathologists	15	\$81,870	30	16%
Magnetic Resonance Imaging Technologists	1	\$78,760	-10	-25%
Registered Nurses	120	\$77,100	-230	-8%
Diagnostic Medical Sonographers	2	\$74,050	-10	-20%
Cardiovascular Technologists and Technicians	2	\$63,790	-10	-25%
Recreational Therapists	4	\$63,410	10	20%

Top 10 Occupations by Growth

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH
Nurse Practitioners	21	***	90	50%
Physician Assistants	14	\$100,410	50	33%
Occupational Therapy Assistants	17	\$52,160	30	27%
Recreational Therapists	4	\$63,410	10	20%
Physical Therapist Assistants	39	\$54,270	50	19%
Medical and Health Services Managers	33	\$101,870	60	18%
Speech-Language Pathologists	15	\$81,870	30	16%
Hearing Aid Specialists	7	***	10	13%
Medical Assistants	99	\$36,650	80	11%
Nursing Assistants	380	\$37,090	200	7%

Top High-Value Occupations

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH
Nursing Assistants	380	\$37,090	200	7%
Medical Assistants	99	\$36,650	80	11%
Licensed Practical and Licensed Vocational Nurses	68	\$53,400	30	4%
Physical Therapist Assistants	39	\$54,270	50	19%
Pharmacy Technicians	34	\$35,560	20	4%
Medical and Health Services Managers	33	\$101,870	60	18%
Physical Therapists	17	\$100,820	20	5%
Occupational Therapy Assistants	17	\$52,160	30	27%
Speech-Language Pathologists	15	\$81,870	30	16%
Physician Assistants	14	\$100,410	50	33%

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



Human Services

Top 10 Occupations by Annual Openings

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH
Hairdressers, Hairstylists, and Cosmetologists	224	\$28,660	370	24%
Exercise Trainers and Group Fitness Instructors	130	\$33,520	250	45%
Child, Family, and School Social Workers	64	\$48,580	-20	-3%
Social and Human Service Assistants	47	\$38,180	-20	-5%
Mental Health and Substance Abuse Social Workers	36	\$43,050	0	0
Laundry and Dry-Cleaning Workers	32	\$28,090	30	14%
Funeral Attendants	27	\$36,890	0	0
Social and Community Service Managers	26	\$77,040	10	3%
Healthcare Social Workers	22	\$53,100	0	0
Morticians, Undertakers, and Funeral Arrangers	14	\$48,900	0	0

Top 10 Occupations by Median Wage

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH
Community and Social Service Specialists, All Other	3	\$87,520	0	0
Social and Community Service Managers	26	\$77,040	10	3%
Health Education Specialists	1	\$74,610	0	0
Healthcare Social Workers	22	\$53,100	0	0
Social Workers, All Other	3	\$52,380	0	0
Morticians, Undertakers, and Funeral Arrangers	14	\$48,900	0	0
Child, Family, and School Social Workers	64	\$48,580	-20	-3%
Community Health Workers	7	\$44,600	0	0
Rehabilitation Counselors	6	\$43,150	-10	-14%
Mental Health and Substance Abuse Social Workers	36	\$43,050	0	0

Top 10 Occupations by Growth

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH
Exercise Trainers and Group Fitness Instructors	130	\$33,520	250	45%
Hairdressers, Hairstylists, and Cosmetologists	224	\$28,660	370	24%
Laundry and Dry-Cleaning Workers	32	\$28,090	30	14%
Social and Community Service Managers	26	\$77,040	10	3%
Healthcare Social Workers	22	\$53,100	0	0
Morticians, Undertakers, and Funeral Arrangers	14	\$48,900	0	0
Community and Social Service Specialists, All Other	3	\$87,520	0	0
Social Workers, All Other	3	\$52,380	0	0
Funeral Home Managers	2	***	0	0
Health Education Specialists	1	\$74,610	0	0

Top High-Value Occupations

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH
Social and Community Service Managers	26	\$77,040	10	3%

*** 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 Westmoreland-Fayette Workforce Development Area (WDA), 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	CLUSTER
Fast Food and Counter Workers	1,237	\$23,340	640	12%	Hospitality & Tourism
Cashiers	915	\$23,920	-330	-6%	Marketing
Laborers and Freight, Stock, and Material Movers, Hand	826	\$36,960	530	9%	Transportation, Distribution & Logistics
Retail Salespersons	695	\$27,950	40	1%	Marketing
Waiters and Waitresses	664	\$28,720	440	15%	Hospitality & Tourism
Stockers and Order Fillers	531	\$30,690	240	8%	Business Management & Administration
Cooks, Restaurant	474	\$29,250	960	45%	Hospitality & Tourism
Office Clerks, General	449	\$37,650	-250	-6%	Business Management & Administration
Heavy and Tractor-Trailer Truck Drivers	418	\$52,150	220	6%	Transportation, Distribution & Logistics
Nursing Assistants	380	\$37,090	200	7%	Health Science
Light Truck Drivers	319	\$38,430	120	4%	Transportation, Distribution & Logistics
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	317	\$30,770	30	1%	Hospitality & Tourism
Customer Service Representatives	306	\$36,200	-60	-2%	Business Management & Administration
First-Line Supervisors of Retail Sales Workers	235	\$43,130	-150	-6%	Marketing
Receptionists and Information Clerks	231	\$28,810	0	0%	Business Management & Administration
Hairdressers, Hairstylists, and Cosmetologists	224	\$28,660	370	24%	Human Services
General and Operations Managers	199	\$93,340	120	5%	Business Management & Administration
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	192	\$38,140	-240	-11%	Business Management & Administration
Construction Laborers	191	\$47,300	40	2%	Architecture & Construction
Landscaping and Groundskeeping Workers	189	\$31,430	120	9%	Architecture & Construction

Top 20 Occupations by Median Wage

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH	CLUSTER
Family Medicine Physicians	0	\$195,480	0	0%	Health Science
Chief Executives	11	\$154,000	0	0%	Business Management & Administration
Architectural and Engineering Managers	15	\$139,700	10	5%	Science, Technology, Engineering & Mathematics
Computer and Information Systems Managers	15	\$133,150	20	11%	Business Management & Administration
Pharmacists	10	\$128,740	-20	-6%	Health Science
Chemical Engineers	3	\$123,450	10	33%	Science, Technology, Engineering & Mathematics
Sales Managers	11	\$116,680	0	0%	Marketing
Purchasing Managers	3	\$109,140	0	0%	Business Management & Administration
Financial Managers	26	\$108,630	40	13%	Finance
Electrical Engineers	18	\$107,010	20	8%	Science, Technology, Engineering & Mathematics
Education Administrators, Kindergarten through Secondary	14	\$105,980	-10	-5%	Education & Training
Human Resources Managers	8	\$103,870	10	11%	Business Management & Administration
Medical and Health Services Managers	33	\$101,870	60	18%	Health Science
Construction Managers	26	\$101,310	30	10%	Architecture & Construction
Power Plant Operators	2	\$101,270	0	0%	Manufacturing
Physical Therapists	17	\$100,820	20	5%	Health Science
Physician Assistants	14	\$100,410	50	33%	Health Science
Electronics Engineers, Except Computer	2	\$99,370	0	0%	Science, Technology, Engineering & Mathematics
Materials Engineers	3	\$98,820	0	0%	Science, Technology, Engineering & Mathematics
Engineers, All Other	6	\$98,620	0	0%	Science, Technology, Engineering & Mathematics

Top 20 Occupations by Growth

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH	CLUSTER
Farm Equipment Mechanics and Service Technicians	1	\$46,280	10	100%	Agriculture, Food & Natural Resources
First-Line Supervisors of Gambling Services Workers	7	***	20	67%	Hospitality & Tourism
Amusement and Recreation Attendants	63	\$21,220	120	67%	Hospitality & Tourism
Nurse Practitioners	21	***	90	50%	Health Science
Operations Research Analysts	4	\$68,010	20	50%	Business Management & Administration
Producers and Directors	3	\$56,910	10	50%	Arts, Audio/Video Technology & Communications
Environmental Engineering Technologists and Technicians	3	\$51,480	10	50%	Agriculture, Food & Natural Resources
Septic Tank Servicers and Sewer Pipe Cleaners	3	\$47,980	10	50%	Architecture & Construction
Gambling Dealers	48	\$21,900	100	48%	Hospitality & Tourism
Cooks, Restaurant	474	\$29,250	960	45%	Hospitality & Tourism
Exercise Trainers and Group Fitness Instructors	130	\$33,520	250	45%	Human Services
Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	127	***	150	41%	Law, Public Safety, Corrections & Security
Chemical Engineers	3	\$123,450	10	33%	Science, Technology, Engineering & Mathematics
Physician Assistants	14	\$100,410	50	33%	Health Science
Logisticians	20	\$69,860	50	31%	Transportation, Distribution & Logistics
Bartenders	172	\$21,330	240	31%	Hospitality & Tourism
Animal Caretakers	48	\$27,090	70	29%	Agriculture, Food & Natural Resources
Chefs and Head Cooks	12	\$52,680	20	29%	Hospitality & Tourism
Occupational Therapy Assistants	17	\$52,160	30	27%	Health Science
Writers and Authors	4	***	10	25%	Arts, Audio/Video Technology & Communications

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

Top 20 High-Value Occupations

OCCUPATION	ANNUAL OPENINGS	MEDIAN WAGES	PROJECTED NEW JOBS	GROWTH	CLUSTER
Laborers and Freight, Stock, and Material Movers, Hand	826	\$36,960	530	9%	Transportation, Distribution & Logistics
Heavy and Tractor-Trailer Truck Drivers	418	\$52,150	220	6%	Transportation, Distribution & Logistics
Nursing Assistants	380	\$37,090	200	7%	Health Science
Light Truck Drivers	319	\$38,430	120	4%	Transportation, Distribution & Logistics
General and Operations Managers	199	\$93,340	120	5%	Business Management & Administration
Construction Laborers	191	\$47,300	40	2%	Architecture & Construction
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	181	\$68,440	30	2%	Marketing
Bookkeeping, Accounting, and Auditing Clerks	166	\$40,370	20	1%	Business Management & Administration
Maintenance and Repair Workers, General	159	\$44,900	70	4%	Manufacturing
First-Line Supervisors of Food Preparation and Serving Workers	149	\$35,140	150	18%	Hospitality & Tourism
Welders, Cutters, Solderers, and Brazers	124	\$47,550	80	8%	Manufacturing
Industrial Machinery Mechanics	118	\$57,260	190	18%	Manufacturing
Operating Engineers and Other Construction Equipment Operators	116	\$54,970	50	5%	Architecture & Construction
Accountants and Auditors	111	\$64,480	60	5%	Finance
Industrial Truck and Tractor Operators	104	\$41,190	50	6%	Transportation, Distribution & Logistics
First-Line Supervisors of Production and Operating Workers	102	\$64,740	20	2%	Manufacturing
Medical Assistants	99	\$36,650	80	11%	Health Science
Electricians	88	\$61,680	60	8%	Architecture & Construction
First-Line Supervisors of Construction Trades and Extraction Workers	82	\$68,620	40	5%	Architecture & Construction
Machinists	78	\$47,880	30	4%	Manufacturing

*** 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: Health Care and Social Assistance, Retail Trade, Manufacturing, Accommodation and Food Services, and Transportation and Warehousing. 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:

- Transportation, Distribution & Logistics
- Manufacturing
- Architecture & Construction
- Health Science
- Human Services

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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