



Industry Spotlight

Electric/Electronics Mfg. (Chmura Cluster)

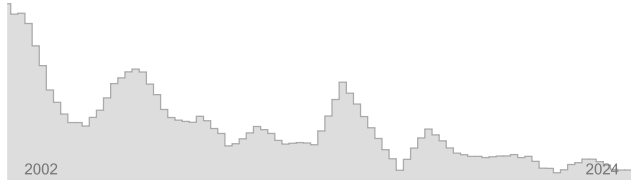
Patrick & Henry Community College



Spotlight Summary

Electric/Electronics Mfg. (Chmura Cluster)
Patrick & Henry Community College – 2024Q1

EMPLOYMENT



117

Regional employment / 1,733,403 in the nation

-9.4%↓

Avg Ann % Change Last 10 Years / +0.7% in the U.S.



0.2%

% of Total Employment / 1.1% in the U.S.



WAGES

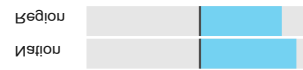


\$48,920

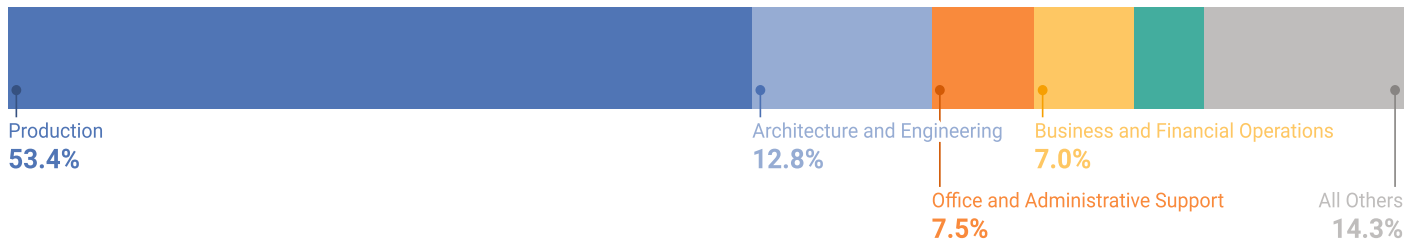
Avg Wages per Worker / \$129,286 in the nation

3.3%↑

Avg Ann % Change Last 10 Years / +3.8% in the U.S.



TOP OCCUPATION GROUPS



TOP INDUSTRIES

Avg Ann % Change in Employment, Last 10 Years

-10.7% ↓



Motor and Generator Manufacturing

-4.7% ↓



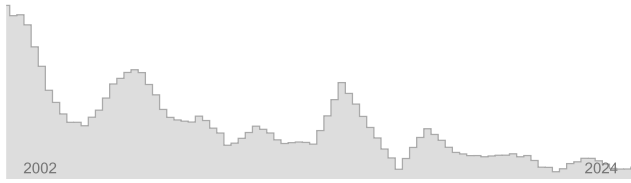
All Other Industrial Machinery Manufacturing

n/a ↑



Food Product Machinery Manufacturing

EMPLOYMENT



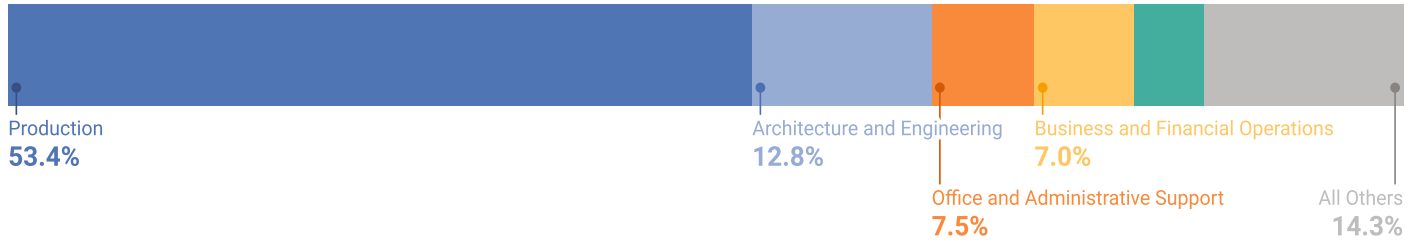
WAGES



6-Digit Industry	Empl	Avg Ann Wages	LQ	5yr History	Annual Demand	Forecast Ann Growth
Motor and Generator Manufacturing	89	\$50,580	8.24		8	-0.5%
All Other Industrial Machinery Manufacturing	19	\$43,163	0.93		2	-0.3%
Food Product Machinery Manufacturing	5	\$46,700	0.88		1	0.1%
Electromedical and Electrotherapeutic Apparatus Manufacturing	1	\$65,567	0.02		0	-0.2%
Semiconductor and Related Device Manufacturing	0		0.00		0	-2.8%
Electric/Electronics Mfg. (Chmura Cluster)	117	\$48,920	0.23		10	-0.5%

- 💡 Employment is one of the broadest and most timely measures of a region's economy. Fluctuations in the number of jobs shed light on the health of an industry. A growing employment base creates more opportunities for regional residents and helps a region grow its population.
- 💡 Since wages and salaries generally compose the majority of a household's income, the annual average wages of a region affect its average household income, housing market, quality of life, and other socioeconomic indicators.

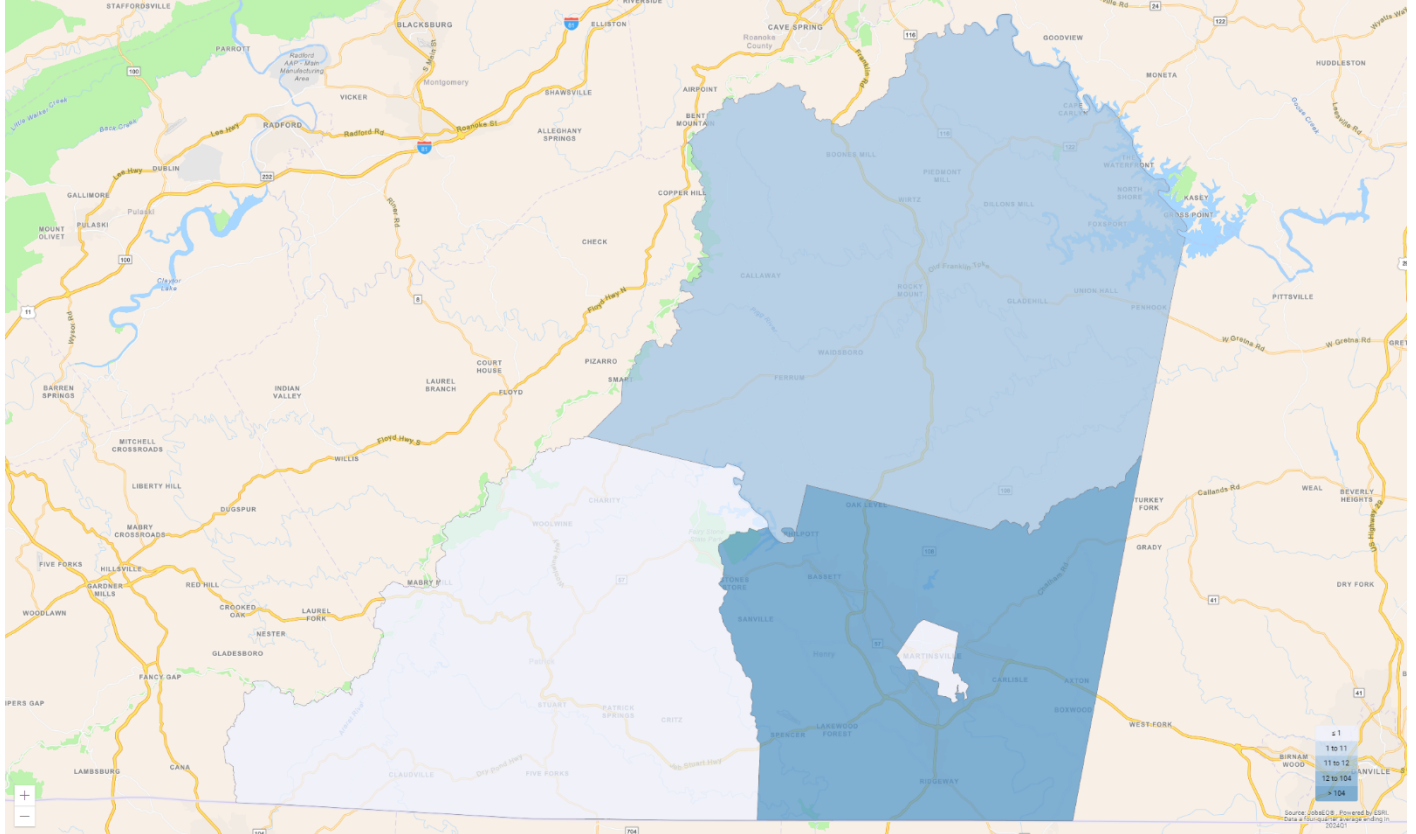
Staffing Pattern



6-digit Occupation	Empl	Avg Ann Wages	Annual Demand
Electrical, Electronic, and Electromechanical Equipment Assemblers, Except Coil Winders, Tapers, and Finishers	19	\$42,700	2
Team Assemblers	10	\$44,100	1
Machinists	5	\$49,800	0
First-Line Supervisors of Production and Operating Workers	4	\$71,700	0
Electrical Engineers	4	\$92,600	0
Coil Winders, Tapers, and Finishers	3	\$46,100	0
Welders, Cutters, Solderers, and Brazers	3	\$48,500	0
Mechanical Engineers	3	\$89,100	0
Inspectors, Testers, Sorters, Samplers, and Weighers	3	\$53,800	0
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	3	\$80,700	0
Remaining Component Occupations	44	\$73,100	4
Total	99		

💡 The mix of occupations points to the ability of a region to support an industry and its flexibility to adapt to future demand. Industry wages are a component of the cost of labor for regional employers.

Geographic Distribution

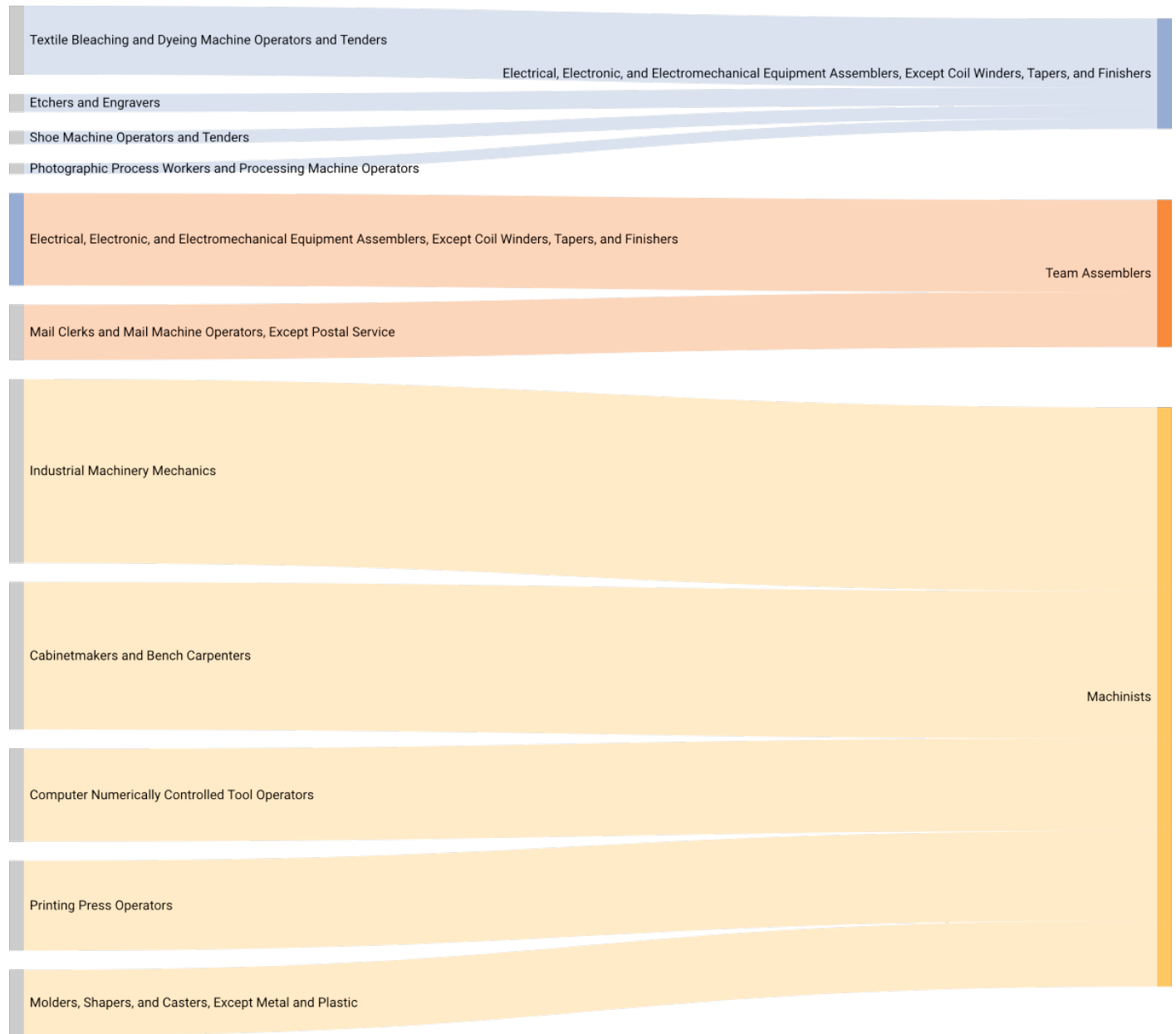


Region	Empl	Region	Empl
Henry County, Virginia	105	Franklin County, Virginia	12

Source: JobsEQ®

💡 The geographic distribution of industry employment by place of work illustrates the impact on labor force demand and commuting patterns.

Sector Strategy Pathways



💡 The graphics on this page illustrate relationships and potential movement (from left to right) between occupations that share similar skill sets. Developing career pathways as a strategy promotes industry employment growth and workforce engagement.

Postsecondary Programs Linked to Electric/Electronics Mfg. (Chmura Cluster)

Program	Awards
Patrick & Henry Community College	
Accounting and Related Services, Other	4
Business Operations Support and Secretarial Services, Other	5
Criminal Justice/Law Enforcement Administration	8
Electrical, Electronic, and Communications Engineering Technology/Technician	14
Engineering Technologies/Technicians, General	6
Industrial Electronics Technology/Technician	18
Industrial Technology/Technician	17
Manufacturing Engineering Technology/Technician	14
Welding Technology/Welder	49

Source: [JobsEQ®](#)

- 💡 The number of graduates from postsecondary programs in the region identifies the pipeline of future workers as well as the training capacity to support industry demand.
- 💡 Among postsecondary programs at schools located in the Patrick & Henry Community College, the sampling above identifies those most linked to occupations relevant to Electric/Electronics Mfg. (Chmura Cluster). For a complete list see JobsEQ®, <http://www.chmuraecon.com/jobseq>