

Extension Area 7: Economic Overview

Allen, Auglaize, Putnam, and Van Wert Counties

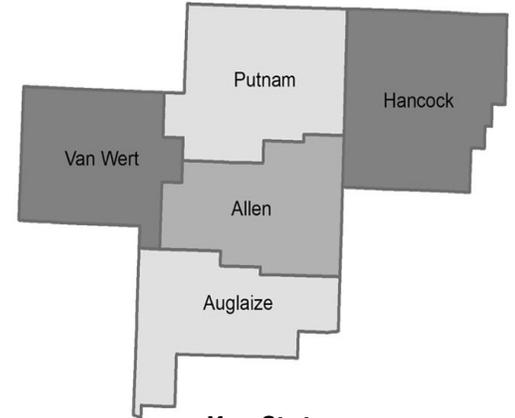
Report prepared September 2021 by Nancy Bowen-Ellzey, Associate Professor and Field Specialist, OSU Extension Community Development

Regional Industry Sector Overview

Table 1 below ranks the top10 industries in Area 7 by total output. Total output represents the total production value of an industry including intermediate inputs, employee compensation, proprietor income, taxes on production and imports, and other property income.

The petroleum refineries sector had the greatest total output in the region at \$1.79 billion. This sector had a total employment of 210 and had the second highest average employee compensation, more than double the next highest, at \$326,851 (this is unusually high most like due to the extensive use of contractors). The petrochemical manufacturing industry ranks second in both indicators with an output of \$1.70 billion and with average compensation of \$140,909.

The hospital sector had the highest total employment at 4,887, followed by the other real estate and industrial truck, trailer, and stacker manufacturing sectors, which support 3,374 and 3,278 employees respectively.



Key Stats

Population 210,143

Total of 322 Industries

Total Employment 127,600

Gross Domestic Product \$11.7B

Data retrieved from IMPLAN
(2018 & 2019 data)

Table 1: Top 10 Industry Sectors by Total Output

Industry Description	Output	Total Employment	Average Employee Compensation
Petroleum refineries	\$1,794,691,332	210	\$326,851
Petrochemical manufacturing	\$1,705,847,858	286	\$140,909
Industrial truck, trailer, and stacker manufacturing	\$1,329,472,439	3,278	\$88,363
Motor vehicle transmission and power train parts mfg.	\$875,839,129	1,381	\$130,468
Automobile manufacturing	\$862,588,578	696	\$110,632
Owner-occupied dwellings	\$806,616,273	N/A	N/A
Hospitals	\$795,078,574	4,887	\$60,766
Motor vehicle gasoline engine and engine parts manufacturing	\$786,455,151	1,248	\$103,791
Other real estate	\$499,077,687	3,374	\$38,603
Monetary authorities and depository credit intermediation	\$472,423,068	1,007	\$67,877

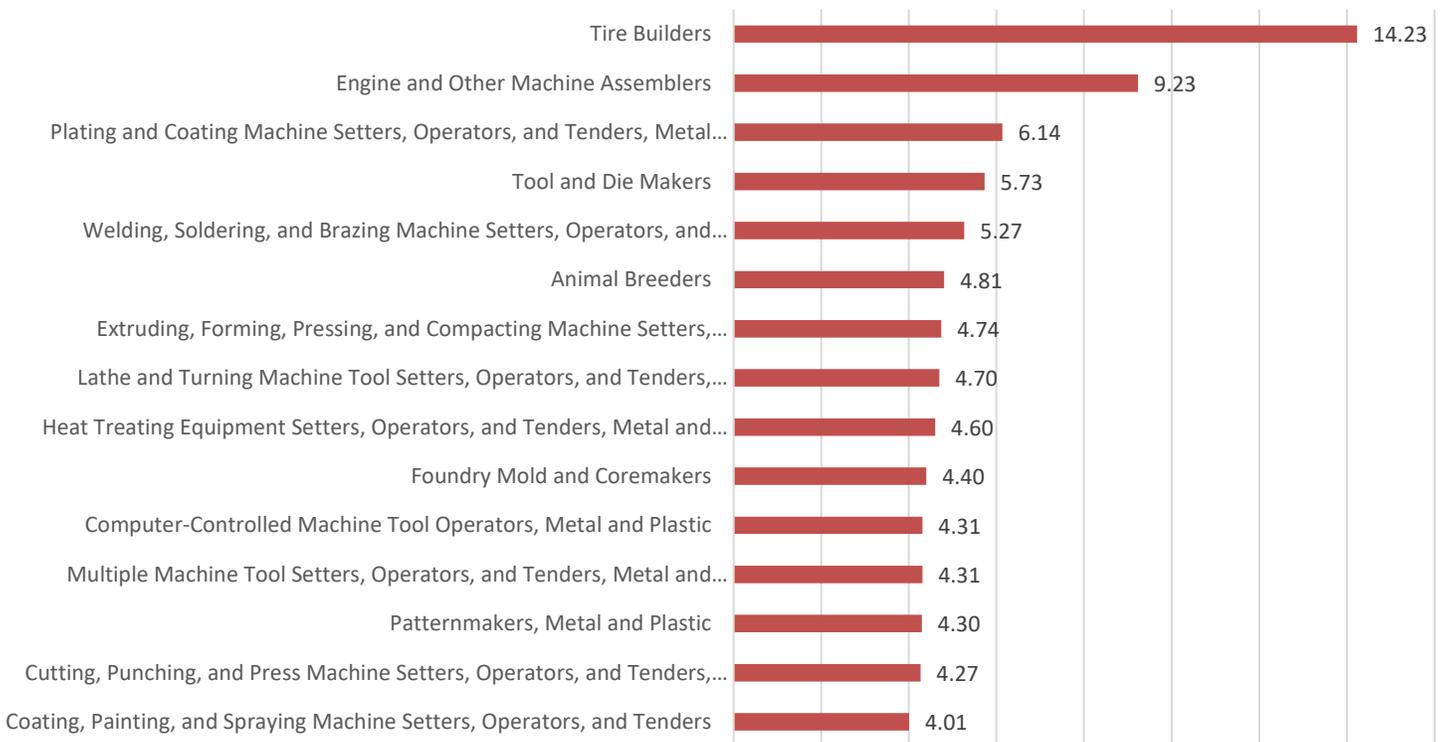
Top 15 Occupations by Location Quotient

The chart below ranks the top 15 occupations by location quotient (LQ) in Area 7. An LQ is a measure of the concentration of workers in an industry sector relative to workers nationally in the same sector. An LQ of 1 is equal to the national average, with an LQ of 2 being double the national average. For example, with an LQ of over 14 for tire builders, this four-county area has fourteen times the number of workers in that occupation than in the average geographical area nationally. This also means that the region has over nine times the number of engine and other machine assemblers and almost 5 times the number of animal breeders in Area 7.

Where there is an occupational concentration, there also tends to be higher core competencies relative to other areas, creating a competitive advantage. In addition, training and education opportunities associated with the occupation are often readily available to meet hiring demands. All but one of the occupations are within manufacturing sectors. These occupations, including tool and die makers, machinists, engine and other machine assemblers, machine tool setters, operators and tenders, patternmakers, inspectors and industrial production supervisors are typically highly skilled and require some type of degree or credential.

Tire builders have a very significant concentration in Area 7, indicating major employer(s) within the area, or nearby. Cooper Tire and Rubber, one of the largest tire manufacturers in the country, is located in Hancock County, which neighbors Area 7. The Bob Sumerel Tire Company is in Allen County along with other smaller tire shops or manufacturers throughout the region. Tire builders operate machines to build tires, skills that involve knowledge of raw materials, production processes, quality control, costs and other techniques for effective manufacture and distribution.

Chart 1: Occupation Location Quotient



OSU Extension Community Development IMPLAN Team

Nancy Bowen-Ellzey, Associate Professor and Field Specialist (bowen-ellzey.1@osu.edu)

Joe Lucente, Associate Professor, OSU Extension, CD, and Ohio Sea Grant College Program (lucente.6@osu.edu)

Amanda Osborne, Educator, CD, OSU Extension – Cuyahoga County (osborne.414@osu.edu)

Eric Romich, Associate Professor and Field Specialist (romich.2@osu.edu)

Gwynn Stewart, Educator, CD, OSU Extension – Noble County (stewart.1818@osu.edu)

OSU Extension Community Development Mission:

We help communities enhance their well-being and create social, economic and environmental conditions in which they can thrive.

comdev.osu.edu