

Extension Area 14: Economic Overview

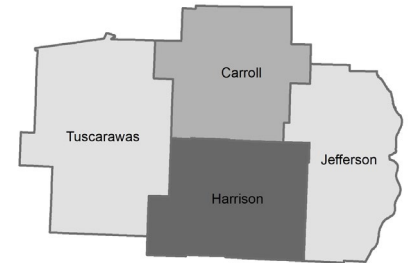
Carroll, Harrison, Jefferson, and Tuscarawas Counties

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Regional Industry Sector Overview

Table 1 below ranks the top 10 industries in Area 14 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. Oil and gas extraction had the greatest total output at \$1.1 billion. The sector employed over 260 individuals with an average annual compensation of \$141,721.

Other basic organic chemical manufacturing was the second ranked industry based on total output. The sector employed over 495 individuals with an output of over \$810 million and an average annual compensation of \$122,606. Of the top 10 industries by total output, the sector with the most employees in the region was local government and education with 5,046 employees. The average annual income for these workers was \$65,206 per year. This was followed by other real estate with 2,952 workers, yielding an average annual compensation of \$39,375.



Key Stats

Population 199,266

Total of 318 Industries

Total Employment of 92,872

Gross Domestic Product \$9B

Data retrieved from IMPLAN
(2018 data)

Table 1: Top 10 Industry Sectors by Total Output

Industry Description	Output	Total Employment	Average Employee Compensation
Oil and gas extraction	\$1,097,118,661.35	262.94	\$141,720.80
Other basic organic chemical manufacturing	\$810,379,804.03	496.39	\$122,605.72
Owner-occupied dwellings	\$744,186,726.84	NA	NA
Electric power generation - Fossil fuel	\$621,091,680.46	369.98	\$192,032.97
Other real estate	\$474,547,441.57	2,952.11	\$39,375.24
Petroleum refineries	\$431,692,822.48	60.14	\$183,136.90
Iron and steel mills and ferroalloy manufacturing	\$407,106,139.84	325.86	\$120,214.27
Hospitals	\$387,108,901.79	2,222.65	\$69,726.15
Employment and payroll of local govt, education	\$376,560,458.17	5,045.81	\$65,206.04
Monetary authorities and depository credit intermediation	\$325,042,309.57	767.33	\$56,681.49

Top 15 Occupations by Location Quotient

Chart 1 below lists the top 15 occupations for Area 14 that have a location quotient (LQ) of 2 or over, demonstrating a significant concentration of workers relative to the nation. 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 16.25 for Roof Bolters and Mining in Area 14, the region has more than sixteen times the number of workers in that occupation compared to the national average. This also means that the region has almost five times the number of Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders and over four times the number of Miscellaneous Extraction Workers, the two highest ranking occupations for LQ in Area 14.

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. Three of the highest-ranking occupations had average hourly wages for these jobs ranging from \$23 to \$36 per hour.

Chart 1: Occupation Location Quotient



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