Extension Area 8: Economic Overview
Hardin, Wyandot, Marion, Crawford, and Richland Counties
Report prepared September 2021 by Eric Romich, Associate Professor, OSU Extension Community Development

Regional Industry Sector Overview

Table 1 below ranks the top 10 industries in Area 8 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. Owner-occupied dwellings had the greatest total output at $1.043 billion. The owner-occupied dwellings sector represents the wealth generated from home ownership. Owning and maintaining a home is also a major area of spending and the owner-occupied dwellings sector captures that economic effect. However, there is no employment or labor income generated in the owner-occupied dwellings sector, as the employment positions such as property managers and real estate agents is captured in the other real estate sector.

Iron and steel mills were the second ranked industry based on total output. The sector employed 708 with an output of over 911 million and an average annual compensation of $115,414. Of the top 10 industries by total output, the sector with the most employees in the region was local government and education with 6,842 employees. The average annual income for these workers was $68,978 per year. This was followed by hospitals with 3,818 workers, yielding an average annual compensation of $75,6750.

OSU Extension Area 2

Key Stats
Population 280,878

Total of 339 Industries

Total Employment of 142,230

Gross Domestic Product $11.3B

Data retrieved from IMPLAN
(2018 & 2019 data)

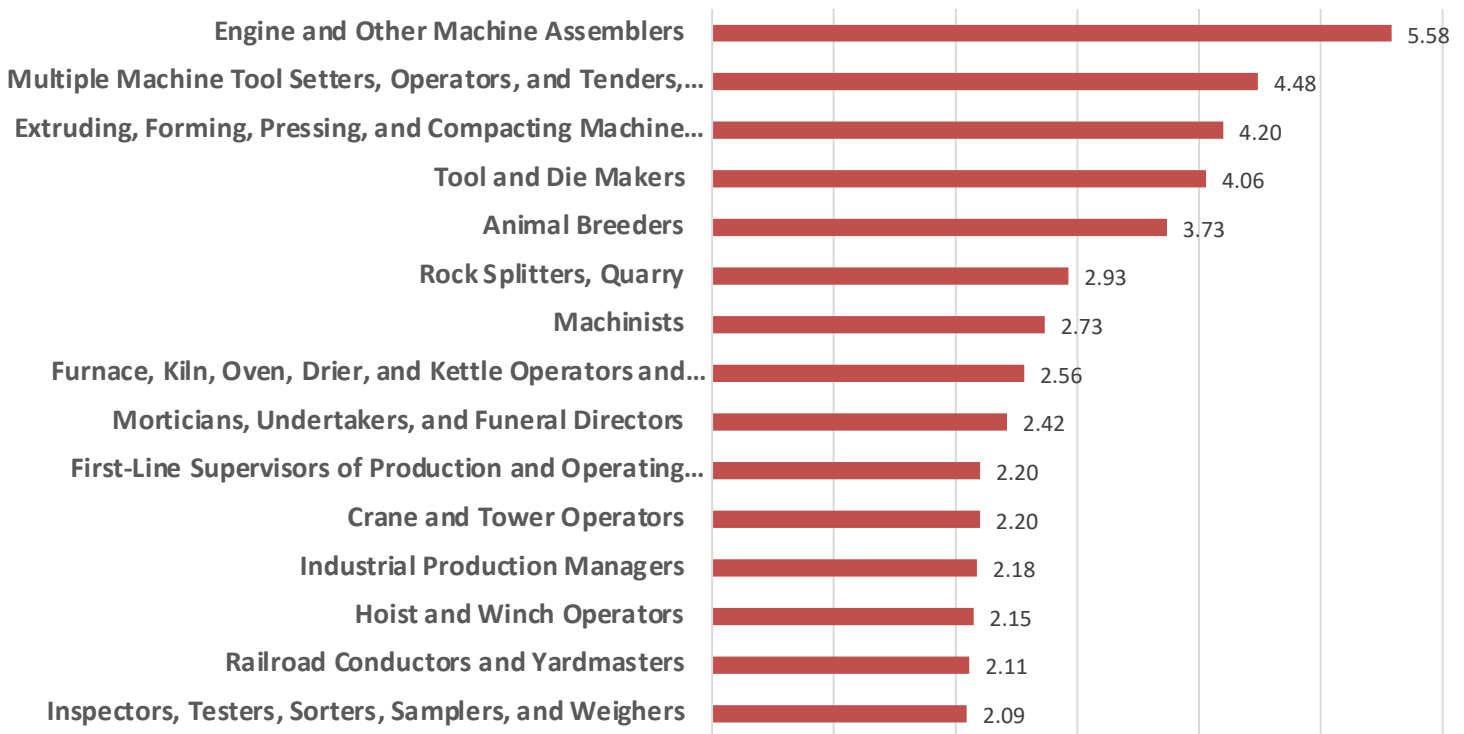## Table 1: Top 10 Industry Sectors by Total Output

Industry Description	Output	Total Employment	Average Employee Compensation
Owner-occupied dwellings	$1,043,358,618	N/A	N/A
Iron and steel mills and ferroalloy manufacturing	$911,422,740	708	$115,414
Hospitals	$690,193,618	3,818	$75,650
Monetary authorities and depository credit intermediation	$562,755,436	1,291	$56,736
Employment and payroll of local govt, education	$540,156,527	6,842	$68,978
Household refrigerator and home freezer manufacturing	$489,873,311	875	$81,632
Other real estate	$481,177,032	3,170	$39,235
Other plastics product manufacturing	$475,708,845	1,662	$58,755
Other motor vehicle parts manufacturing	$466,395,867	1,021	$65,794
Household laundry equipment manufacturing	$456,064,198	824	$81,632

Top 8 Occupations by Location Quotient

A location quotients (LQ) is a metric that compares the relative concentration of a local regions workers in a specific industry sector to the concentration of workers nationally in the same sector. An LQ equal to 1 signifies that the local share is equal to the national share, while an LQ greater than 1 means the local share is greater than the national share and is typically an exporter or perhaps has a specialization in that sector. Chart 1 below lists the top 15 occupations in Area 8 with the highest LQ, demonstrating a significant concentration of workers relative to the nation.

For example, with an LQ of 5.58 for engine and other machine assemblers in Area 8, the region has more than five and a half times the number of workers in that occupation compared to the national average. 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. The average hourly wages and salary income for these jobs in 2018 was $22 per hour.

Chart 1- Occupation Location Quotient

Occupation	LQ
Engine and Other Machine Assemblers	5.58
Multiple Machine Tool Setters, Operators, and Tenders,…	4.48
Extruding, Forming, Pressing, and Compacting Machine…	4.20
Tool and Die Makers	4.06
Animal Breeders	3.73
Rock Splitters, Quarry	2.93
Machinists	2.73
Furnace, Kiln, Oven, Drier, and Kettle Operators and…	2.56
Morticians, Undertakers, and Funeral Directors	2.42
First-Line Supervisors of Production and Operating…	2.20
Crane and Tower Operators	2.20
Industrial Production Managers	2.18
Hoist and Winch Operators	2.15
Railroad Conductors and Yardmasters	2.11
Inspectors, Testers, Sorters, Samplers, and Weighers	2.09

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

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