



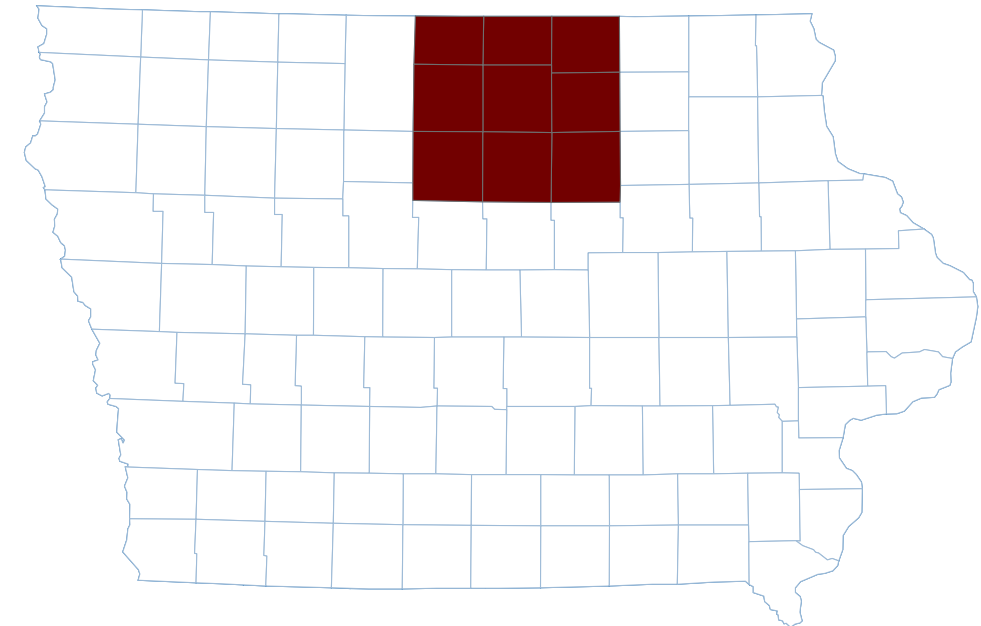
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# 2005 Motor Driven Products Industry Cluster

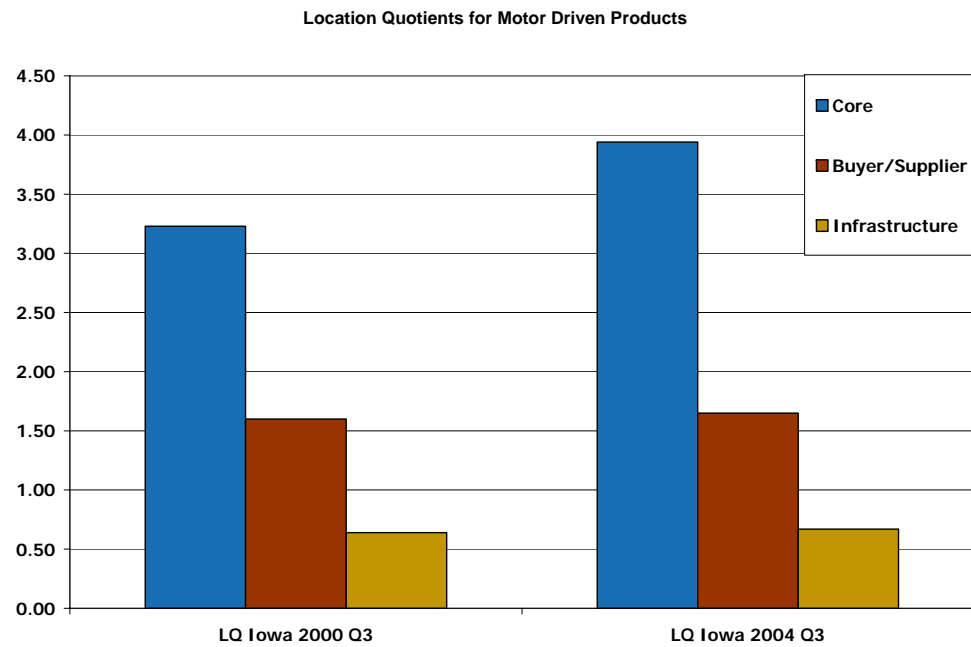


## North Central Iowa Region

# Motor Driven Products Industry Cluster

## WHAT IS A MOTOR DRIVEN PRODUCTS CLUSTER?

Motor Driven Products is described as the manufacture of products that make use of mechanical power. Industry clusters have three major components in addition to cluster growth. Core industries are those intrinsic to the cluster, buyers/suppliers are those industries that directly supply goods or services to the core or purchase goods or services directly from the core industries, and infrastructure industries provide basic support to the core.



## MOTOR DRIVEN PRODUCTS COMPETITIVENESS

The chart at left shows a location quotient of 3.94 (in blue) for core industries in Motor Driven Products for the region-to-state, as of 3rd Quarter 2004. This measurement indicates higher employment concentrations in the region compared to the state. The buyer/supplier location (in red) of 1.65 shows the area has sufficient support for the core industries.

## MOTOR DRIVEN PRODUCTS SUPPORT INDUSTRIES

Some industries that support this cluster include:

- Motor vehicle gasoline engine and parts manufacturing,
- Other vehicle parts manufacturing,
- Machine shops
- Battery manufacturing
- Rubber product manufacturing
- Glass and glass product manufacturing
- Forging and stamping
- Machine shops
- Turned product and screw, nut, and bolt manufacturing
- Metal valve manufacturing
- Metalworking machinery manufacturing

## EDUCATION

North Iowa Area Community College (NIACC), Buena Vista University, Waldorf College, and Iowa State University Extension offer courses that directly or indirectly support this cluster.

- Electromechanical systems Technology
- Motor Driven Products Services and Motor Driven Products Services Technology
- Mechanical Design Technology
- General Machinists

## NORTH CENTRAL IOWA HIGH-GROWTH, HIGH-WAGE OCCUPATIONS IN MOTOR DRIVEN PRODUCTS CLUSTER

OCCUPATIONAL TITLE	2002	2012	GROWTH	Wage	Salary
Team Assemblers	1,635	1,875	240	\$12.43	\$25,854
Welders, Cutters, Solderers, and Brazers	325	465	140	\$13.69	\$28,475
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	200	265	60	*	*
Fiberglass Laminators and Fabricators	220	275	55	*	*
First-Line Supervisors/Managers of Production and Operating Workers	140	190	50	\$19.63	\$40,830
Machinists	215	255	45	*	*
Sewing Machine Operators	50	75	25	*	*
Industrial Truck and Tractor Operators	85	110	25	\$12.93	\$26,894
Surveying and Mapping Technicians	30	50	20	*	*
Maintenance and Repair Workers, General	55	75	20	\$14.16	\$29,453
Painters, Transportation Equipment	50	70	20	*	*
General and Operations Managers	45	60	15	\$28.97	\$60,258
Sales Managers	30	45	15	\$27.97	\$58,178
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	40	60	15	\$19.61	\$40,789
Industrial Machinery Mechanics	35	50	15	\$14.74	\$30,659
Helpers--Installation, Maintenance, and Repair Workers	35	50	15	\$15.81	\$32,885
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	60	75	15	\$12.63	\$26,270

\* Insufficient data

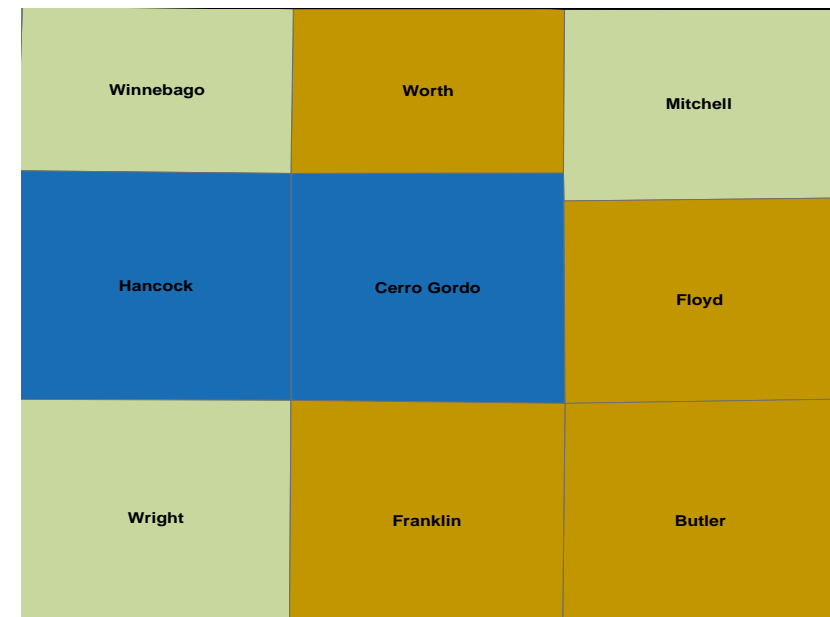
**2004 3rd Quarter  
Regional Average Annual Wage**  
\$25,829

**Motor Driven Products Core  
Regional Employment**  
5,470

**Motor Driven Products Core  
Regional Average Wage**  
\$36,956

**Motor Driven Products Support  
Industries  
Regional Employment**  
26,151

## MOTOR DRIVEN PRODUCTS INDUSTRY CLUSTER EMPLOYMENT 2003



## MOTOR DRIVEN PRODUCTS

Employment 2003

- Less than 250
- 250 - 499
- 500 - 999
- 1,000 - 4,999
- 5,000 or Higher

## Area Shown

