

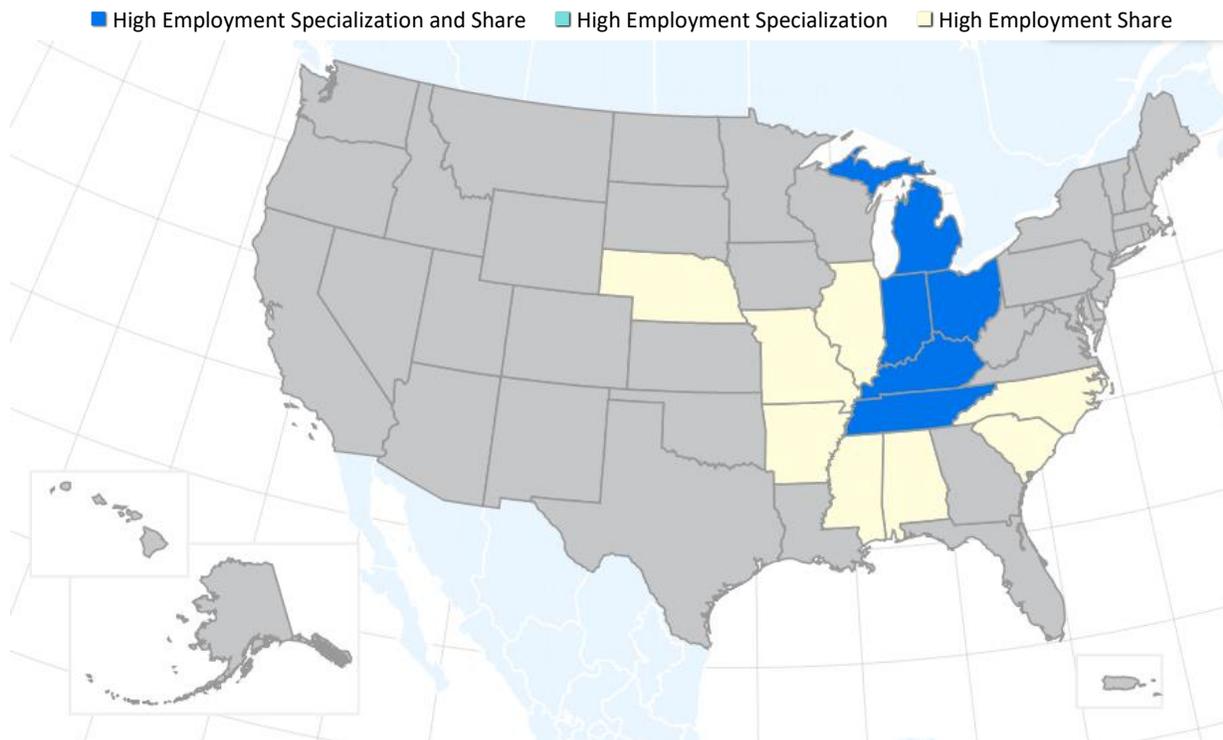
# U.S. Industry Report

## Automotive Parts Subcluster

The Automotive Parts subcluster includes the Motor Vehicle Electrical and Electronic Equipment Manufacturing (NAICS 336320) and Motor Vehicle Brake System Manufacturing (NAICS 336340) industries and is part of the broader Automotive cluster. As of 2016, there are **3,826 establishments** across the United States that employ **422,283 professionals**, earning an **average annual wage of \$51,370**. The following five states offer high employment specialization *and* share.

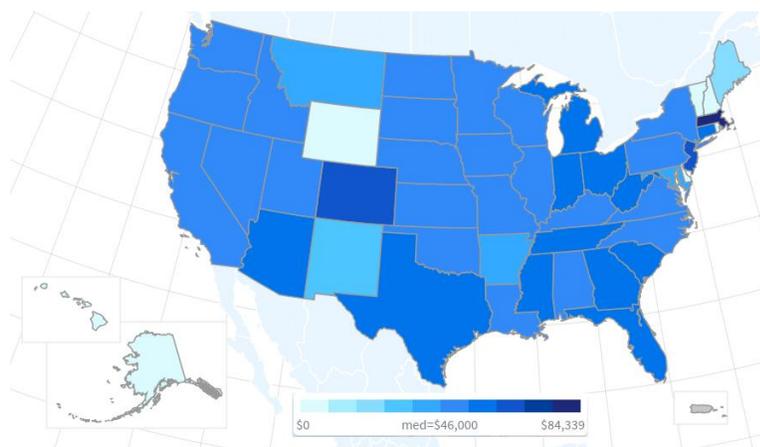
MICHIGAN	KENTUCKY	INDIANA	TENNESSEE	OHIO
Location Quotient 5.7	Location Quotient 4.9	Location Quotient 4.6	Location Quotient 3.6	Location Quotient 3.2
Establishments 406	Establishments 115	Establishments 232	Establishments 138	Establishments 271
Employment 74,184	Employment 25,430	Employment 43,512	Employment 30,530	Employment 51,510

## Top States by Specialization & Share



Source: *U.S. Cluster Mapping Project*

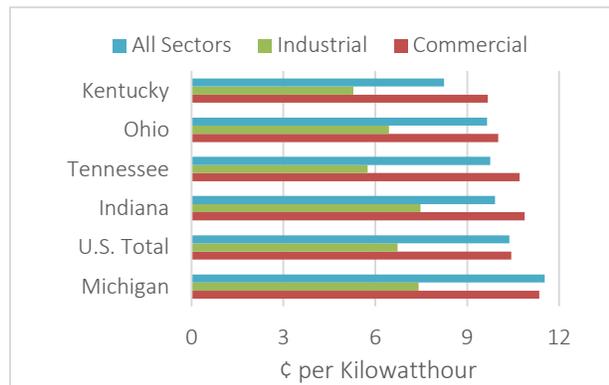
## 2016 Average Annual Subcluster Wages



OH	\$55,529
MI	\$55,512
IN	\$55,120
TN	\$52,717
USA	\$51,370
KY	\$47,591

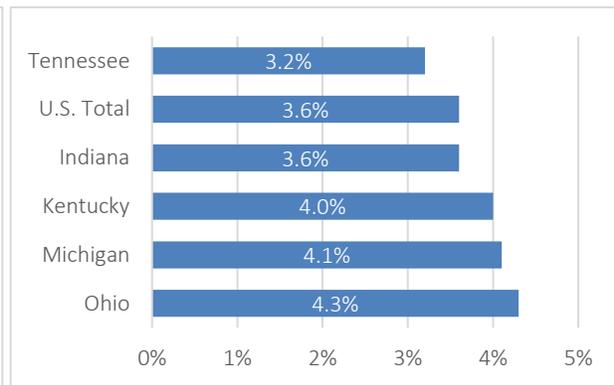
Source: *U.S. Cluster Mapping Project*

## Energy Costs (March 2019)



Source: *Energy Information Administration, Electric Power Monthly*

## Unemployment Rates (April 2019)



Source: *Bureau of Labor Statistics*

## State Subcluster Trends (2011-2016)

Highest % ↑ in Employment	VERMONT	ALABAMA	ALASKA	WEST VIRGINIA	MICHIGAN
	30%	16%	15%	14%	10%
2016 Employment	445	21,880	20	1,265	74,184
Most New Establishments	ALABAMA	MICHIGAN	ARIZONA	WISCONSIN	UTAH
	+21	+20	+14	+13	+13
2016 Establishments	129	406	66	99	47
Highest ↑ in Location Quotient	ALABAMA	MICHIGAN	KENTUCKY	MISSISSIPPI	WEST VIRGINIA
	+1.68	+0.88	+0.54	+0.40	+0.40
2016 LQ	4.10	5.74	4.89	2.00	0.87

Source: *U.S. Cluster Mapping Project*

## Definitions

**Cluster** – A cluster is a regional concentration of related industries that arise out of the various types of linkages or externalities that span across industries in a particular location.

**Establishment** – An establishment is a single physical location at which business is conducted or services or industrial operations are performed. It is not necessarily identical with a company or enterprise, which may consist of one or more establishments. When two or more activities are carried on at a single location under a single ownership, all activities generally are grouped together as a single establishment.

**Location Quotient** – A location quotient greater than 1 indicates a higher than average cluster concentration in a location.

**NAICS** – The North American Industry Classification System is the standard used by Federal statistical agencies in classifying business establishments for the purpose of collecting, analyzing, and publishing statistical data related to the U.S. business economy.

**High Employment Share** – States with high employment *share* rank among the top 10 percent of states with employment information by number of employees in an industry.

**High Employment Specialization** – States with high employment *specialization* have a location quotient ranking among the top 25 percent of states with employment information for an industry.

## U.S. States and Territories



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