

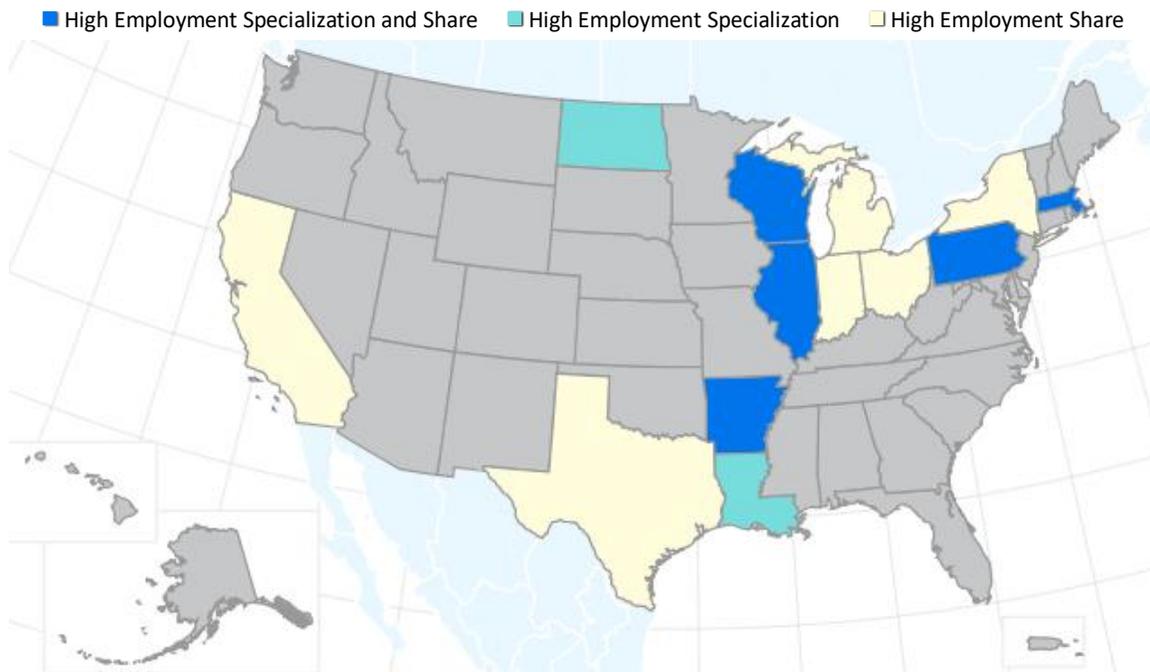
## U.S. Industry Report

### Electric Power Transmission Subcluster

The Electric Power Transmission subcluster includes the Electric Bulk Power Transmission and Control industry (NAICS 221121) and is part of the broader Electric Power Generation and Transmission cluster. As of 2016, there are **258 establishments** across the United States that employ **15,960 professionals**, earning an **average annual wage of \$142,424**. The following five states offer high employment specialization *and* share.

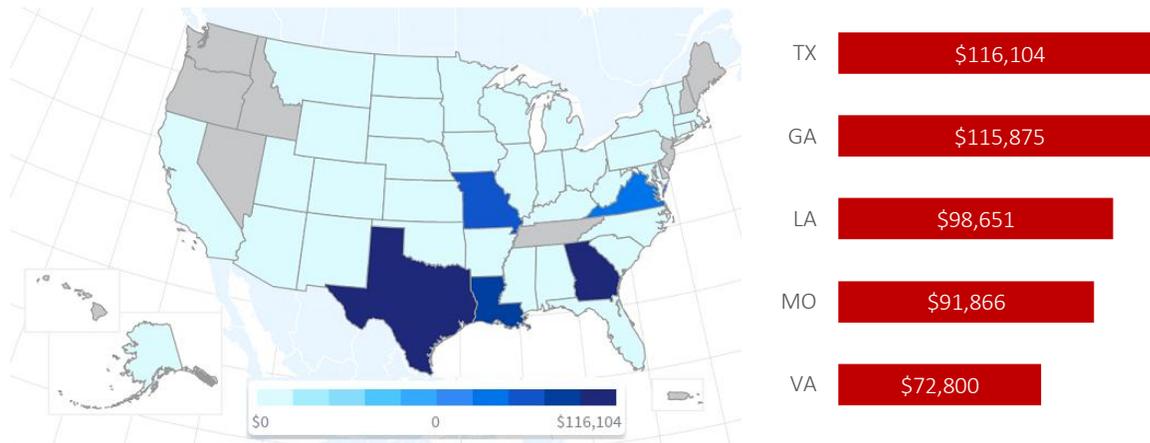
ARKANSAS	ILLINOIS	PENNSYLVANIA	WISCONSIN	MASSACHUSETTS
Location Quotient 6.8	Location Quotient 6.2	Location Quotient 3.1	Location Quotient 2.5	Location Quotient 2.1
Establishments 5	Establishments 32	Establishments 23	Establishments 7	Establishments 3
Employment 750	Employment 3,750	Employment 1,750	Employment 750	Employment 750

### Top States by Specialization & Share



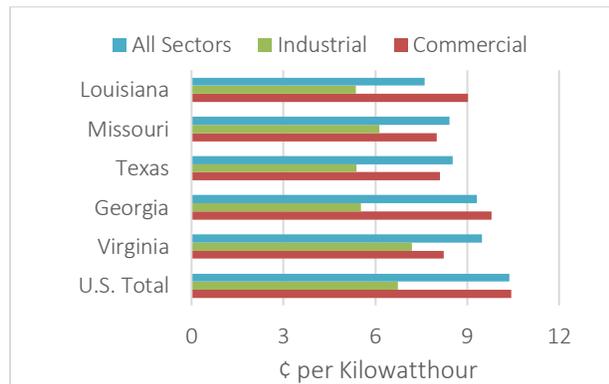
Source: [U.S. Cluster Mapping Project](#)

## 2016 Average Annual Subcluster Wages



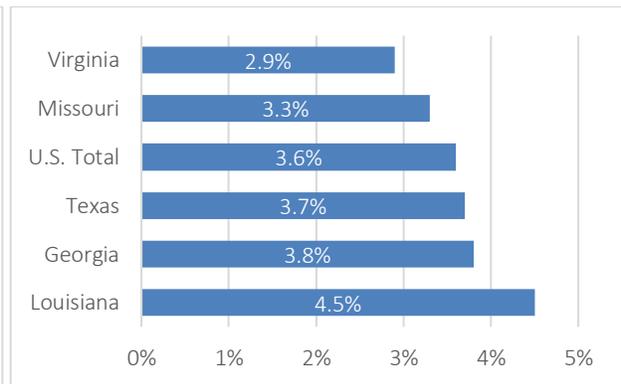
Source: *U.S. Cluster Mapping Project* (Wage data only available for these five states.)

## 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 2016	NORTH DAKOTA	CALIFORNIA	IOWA	WYOMING	ILLINOIS
	77%	66%	43%	43%	38%
2016 Employment	175	750	60	60	3,750
	ILLINOIS	ALABAMA	MISSOURI	WISCONSIN	NORTH DAKOTA
Most New Establishments 2016	+28	+7	+6	+5	+5
Establishments	32	9	6	7	6
Highest ↑ in Location Quotient 2016 LQ	ILLINOIS	NORTH DAKOTA	ARKANSAS	WYOMING	MISSOURI
	+4.66	+4.50	+2.93	+2.38	+1.21
	6.19	4.88	6.82	2.87	1.21

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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