

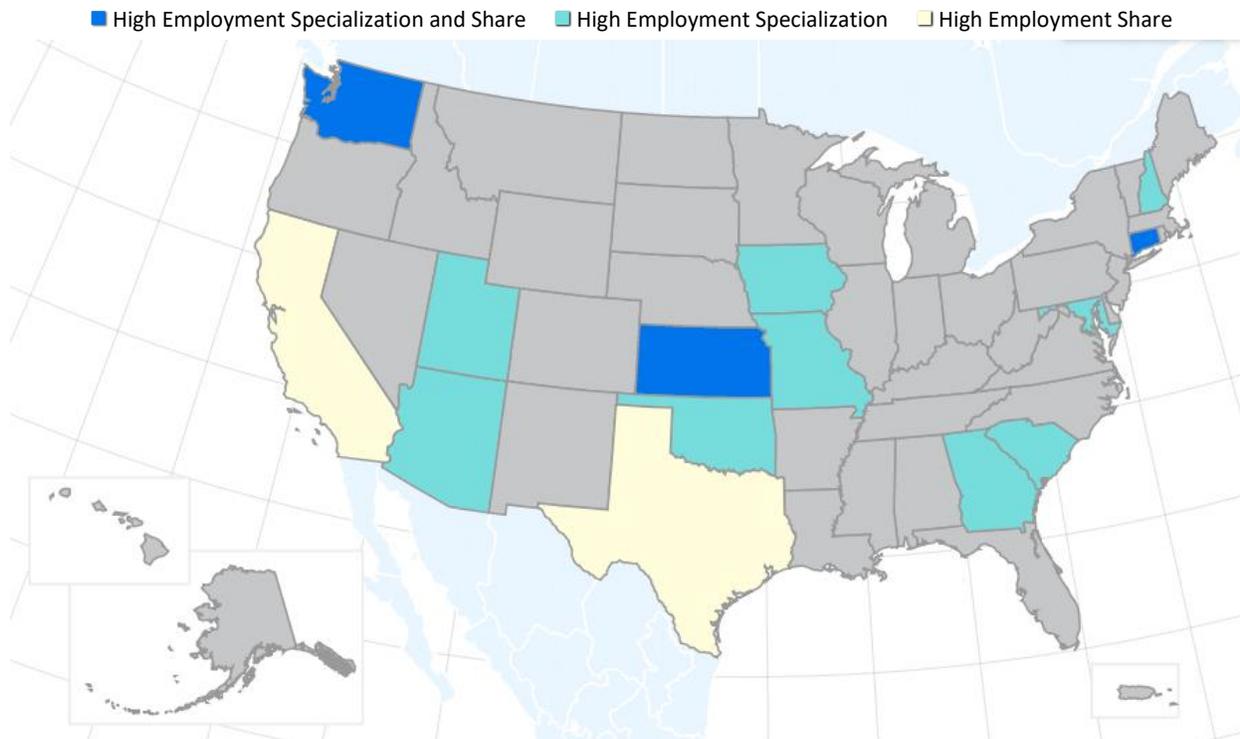
U.S. Industry Report

Aerospace Vehicles and Defense Cluster

The Aerospace Vehicles and Defense cluster represents subclusters such as Aircraft, Search and Navigation Equipment, and Missiles and Space Vehicles. This cluster includes a variety of industries ranging from Aircraft Engine and Engine Parts Manufacturing (NAICS 336412) to Guided Missile and Space Vehicle Manufacturing (NAICS 336414). As of 2016, there are **2,370 establishments** across the United States that employ **565,874 professionals**, earning an **average annual wage of \$90,119**. The following three states offer high employment specialization *and* share.

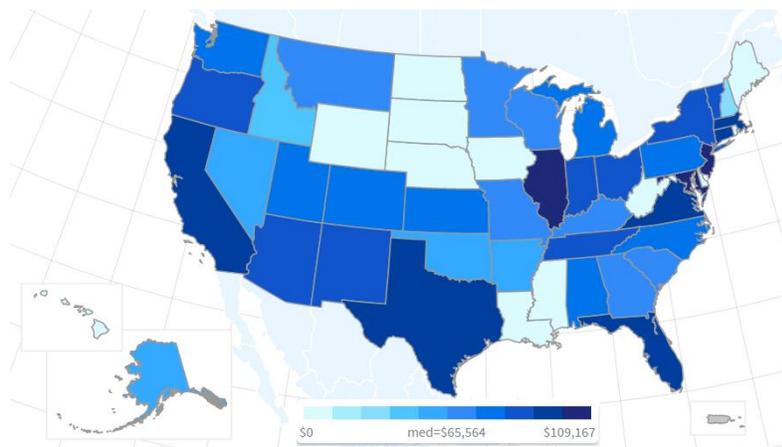
WASHINGTON	KANSAS	CONNECTICUT
Location Quotient 8.2	Location Quotient 8.1	Location Quotient 6.1
Establishments 140	Establishments 107	Establishments 97
Employment 95,581	Employment 38,911	Employment 40,799

Top States by Specialization & Share



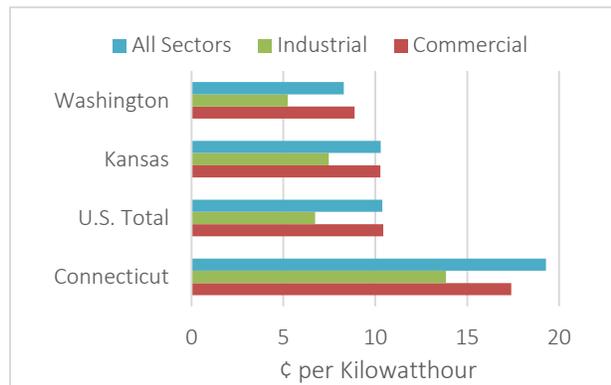
Source: [U.S. Cluster Mapping Project](#)

2016 Average Annual Cluster Wages



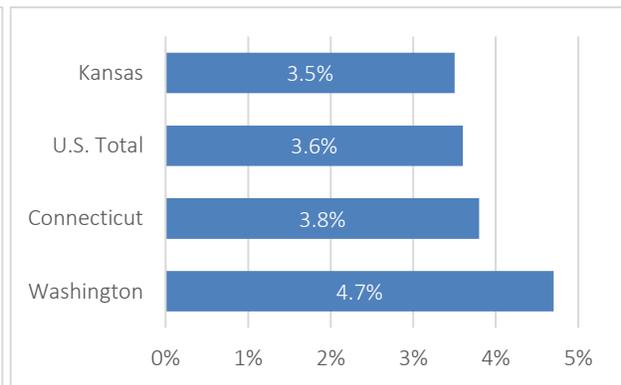
Source: *U.S. Cluster Mapping Project*

Energy Costs (March 2019)



Source: *Energy Information Administration, Electric Power Monthly*

Unemployment Rates (April 2019)



Source: *Bureau of Labor Statistics*

State Cluster Trends (2011-2016)

Highest % ↑ in Employment	HAWAII	WYOMING	MISSOURI	WASHINGTON	ALASKA
	48%	22%	16%	14%	13%
2016 Employment	70	130	18,915	95,581	78

Most New Establishments	FLORIDA	OKLAHOMA	KANSAS	GEORGIA	NEW HAMPSHIRE
	+31	+11	+10	+7	+6
2016 Establishments	196	58	107	45	16

Highest ↑ in Location Quotient	WASHINGTON	CONNECTICUT	MISSOURI	SOUTH CAROLINA	OKLAHOMA
	+3.68	+1.14	+1.00	+0.44	+0.42
2016 LQ	8.16	6.14	1.86	1.34	1.31

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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