

# Energy

## Top 5 Employing Industries

### 58.8% of Cluster Jobs

- Support Activities for Oil and Gas Operations
- Power and Communication Line and Related Structures Construction
- Heating Oil Dealers
- Recyclable Material Merchant Wholesalers
- Oil and Gas Pipeline and Related Structures Construction

## Other industries Included in the Energy<sup>3</sup>

- Anthracite Mining
- Crude Petroleum and Natural Gas Extraction
- Drilling Oil and Gas Wells
- Electric Power Distribution
- Fossil Fuel Electric Power Generation
- Heating Equipment (except Warm Air Furnaces) Manufacturing
- Liquefied Petroleum Gas (Bottled Gas) Dealers
- Natural Gas Distribution
- Petroleum and Petroleum Products Merchant Wholesalers (except Bulk Stations and Terminals)
- Solid Waste Collection

(1) Number of individual establishments or physical locations of a certain economic activity.

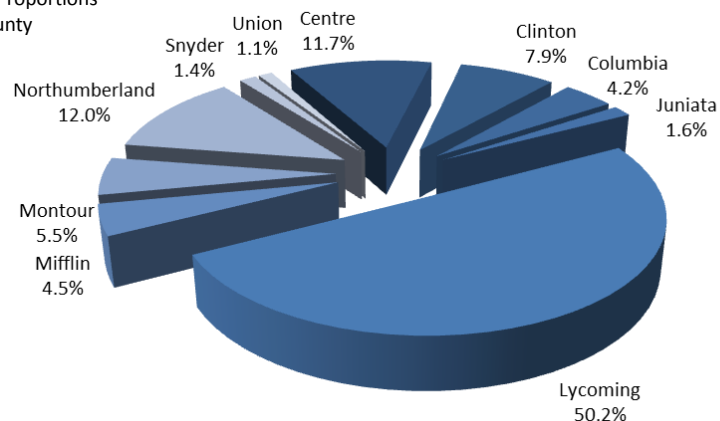
(2) Location Quotient (LQ) is a statistical measure that compares the concentration of employment in a local industry cluster to the concentration of employment in the same cluster statewide or nationally. An LQ of greater than 1.0 suggests that a locale has a competitive advantage within a cluster and is producing goods or services in excess of the local consumption, thus resulting in exportation of goods or services. An LQ of less than one suggests that an industry is falling behind local demand and is importing the good or service.

(3) Industries included in the ten-county Focus Central Pennsylvania region. Not all industries may be present in each individual county.

## Cluster Statistics

Based on the North American Industrial Classification System (NAICS)	Focus Central Pennsylvania
Employer Units <sup>1</sup>	300
Number of Jobs	6,600
Net Change in Job Volume	2,100
Percent Change in Job Volume	46.0%
Percent of Total Region Jobs	2.2%
Average Industry Earnings (wages, salaries, proprietor earnings, and supplements)	\$76,000
Estimated Cluster Payroll	\$499,900,000
State Location Quotient <sup>2</sup>	1.12
Change in State Location Quotient	29.2%
National Location Quotient <sup>2</sup>	1.25
Change in National Location Quotient	32.6%

Employment Proportions by County



## Five Most Common Occupations and Median Hourly Wages

High priority occupations (in the Central PA region) are shown in *italics*

<i>Heavy and Tractor-Trailer Truck Drivers</i>	\$18.24
<i>Roustabouts, Oil and Gas</i>	\$18.07
<i>Operating Engineers and Other Construction Equipment Operators</i>	\$17.21
<i>First-Line Supervisors of Construction Trades and Extraction Workers</i>	\$23.97
Laborers and Freight, Stock, and Material Movers, Hand	\$12.43

## Competitive Industries by National LQ

Individual industries could demonstrate a high LQ due to the uniqueness of the business's primary function rather than competitiveness factors

Anthracite Mining	52.52
All Other Petroleum and Coal Products Manufacturing	5.41
Support Activities for Coal Mining	5.06
Heating Oil Dealers	5.02
Heating Equipment (except Warm Air Furnaces) Manufacturing	3.83