

Insulation Workers, Mechanical

47-2132.00



Description: Apply insulating materials to pipes or ductwork, or other mechanical systems in order to help control and maintain temperature.

Other Resources:

[ONET Link](#)
[MyNextMove Link](#)

Sample of Reported Job Titles: Commercial Insulator, Heat and Frost Insulator, Industrial Insulator

Job Zone

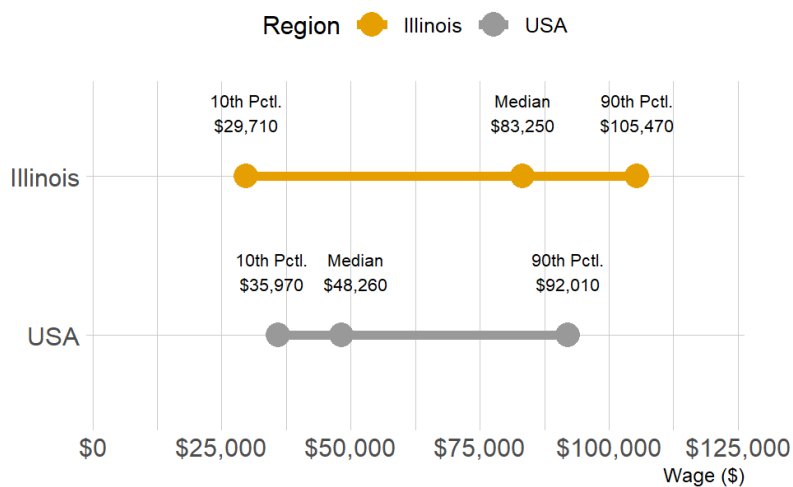
Title: 2 - Some Preparation Needed

Education: Usually require a high school diploma.

Experience: Some previous work-related skill, knowledge, or experience is needed.

Training: A few months to one year of working with experienced employees needed. A recognized apprenticeship program may be associated with these occupations.

Region	Employment	Location Quotient	Median Wage
Illinois	780	0.69	\$83,250
USA	28,010	-	\$48,260



Top 5 Core Tasks According to Current Job Holders	Frequency	Importance (out of 100)
Measure and cut insulation for covering surfaces, using tape measures, handsaws, knives, and scissors.	Hourly or more	90
Fit insulation around obstructions, and shape insulating materials and protective coverings as required.	Hourly or more	88
Determine the amounts and types of insulation needed, and methods of installation, based on factors such as location, surface shape, and equipment use.	Daily	85
Install sheet metal around insulated pipes with screws to protect the insulation from weather conditions or physical damage.	More than monthly	84
Apply, remove, and repair insulation on industrial equipment, pipes, ductwork, or other mechanical systems such as heat exchangers, tanks, and vessels, to help control noise and maintain temperatures.	Daily	84

Sources: US Department of Labor O*NET 26.3 Database (May 2022 Release); Bureau of Labor Statistics Occupational Employment and Wage Estimates - National, State, and Metropolitan (May 2021 Release)

