

Geographers

19-3092.00



Description: Study the nature and use of areas of the Earth's surface, relating and interpreting interactions of physical and cultural phenomena.

Other Resources:

[ONET Link](#)

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Sample of Reported Job Titles: Earth Observations Scientist, Geographer

Job Zone

Title: 5 - Extensive Preparation Needed

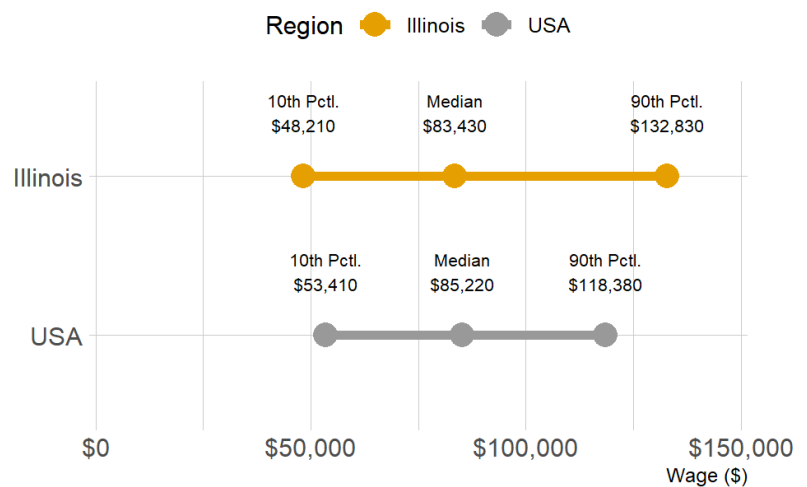
Education: Require graduate school.

Experience: Extensive skill, knowledge, and experience are needed for these occupations. Many require more than five years of experience.

Training: May need some on-the-job training, but most of these occupations assume that the person will already have the required skills, knowledge, work-related experience, and/or training.

Hot Technologies: Adobe Systems Adobe Photoshop, Autodesk AutoCAD, ESRI ArcGIS software, IBM SPSS Statistics, Microsoft Office Suite, Minitab, The MathWorks MATLAB

Region	Employment	Location Quotient	Median Wage
Illinois	50	0.83	\$83,430
USA	1,440	–	\$85,220



Top 5 Core Tasks According to Current Job Holders	Frequency	Importance (out of 100)
Create and modify maps, graphs, or diagrams, using geographical information software and related equipment, and principles of cartography, such as coordinate systems, longitude, latitude, elevation, topography, and map scales.	More than weekly	90
Analyze geographic distributions of physical and cultural phenomena on local, regional, continental, or global scales.	Daily	90
Write and present reports of research findings.	More than monthly	87
Gather and compile geographic data from sources such as censuses, field observations, satellite imagery, aerial photographs, and existing maps.	More than weekly	85
Teach geography.	Daily	82