

## Cartographers and Photogrammetrists

17-1021.00



**Description:** Research, study, and prepare maps and other spatial data in digital or graphic form for one or more purposes, such as legal, social, political, educational, and design purposes.

### Other Resources:

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

**Sample of Reported Job Titles:** Aerial Photogrammetrist, Cartographer, Cartographic Designer

### Job Zone

**Title:** 4 - Considerable Preparation Needed

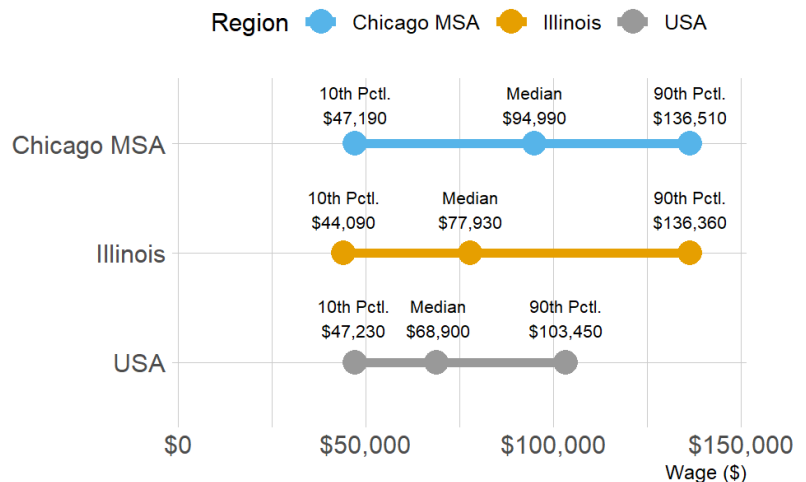
**Education:** Require a four-year bachelor's degree.

**Experience:** A considerable amount of work-related skill, knowledge, or experience is needed.

**Training:** Several years of work-related experience, on-the-job training, and/or vocational training needed.

**Hot Technologies:** Adobe Systems Adobe Acrobat, Adobe Systems Adobe Illustrator, Adobe Systems Adobe InDesign, Adobe Systems Adobe Photoshop, Autodesk AutoCAD

Region	Employment	Location Quotient	Median Wage
Chicago MSA	80	0.20	\$94,990
Illinois	140	0.28	\$77,930
USA	12,610	—	\$68,900



### Top 5 Core Tasks According to Current Job Holders

**Importance**  
**Frequency (out of 100)**

Compile data required for map preparation, including aerial photographs, survey notes, records, reports, and original maps.

Hourly or more

90

Delineate aerial photographic detail, such as control points, hydrography, topography, and cultural features, using precision stereoplottting apparatus or drafting instruments.

Hourly or more

90

Prepare and alter trace maps, charts, tables, detailed drawings, and three-dimensional optical models of terrain using stereoscopic plotting and computer graphics equipment.

Hourly or more

89

Study legal records to establish boundaries of local, national, and international properties.

Several times daily

86

Inspect final compositions to ensure completeness and accuracy.

Daily

85