

Agricultural Engineers

17-2021.00



Description: Apply knowledge of engineering technology and biological science to agricultural problems concerned with power and machinery, electrification, structures, soil and water conservation.

Other Resources:

[ONET Link](#)

[MyNextMove Link](#)

Sample of Reported Job Titles: Agricultural Engineer, Agricultural Systems Specialist

Job Zone

Title: 4 - Considerable Preparation Needed

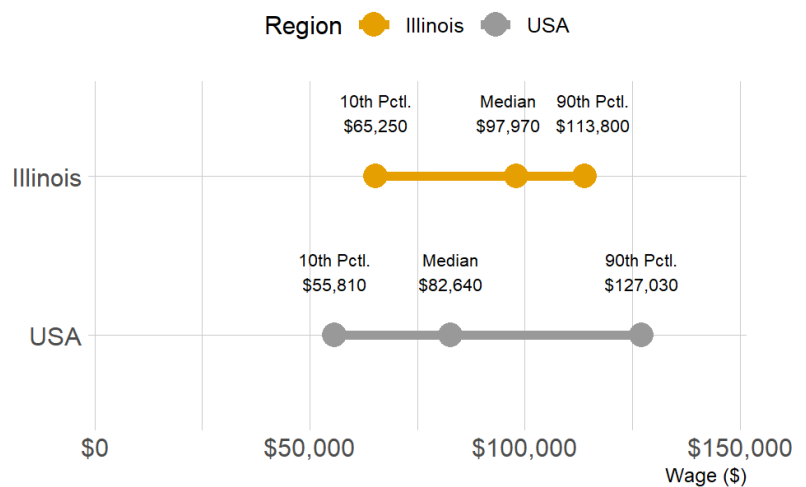
Education: Require a four-year bachelor's degree.

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 InDesign, Adobe Systems Adobe Photoshop, Autodesk AutoCAD, Dassault Systemes SolidWorks, Eagle Point LANDCADD

| Region | Employment | Location Quotient | Median Wage |
|----------|------------|-------------------|-------------|
| Illinois | 60 | 1.26 | \$97,970 |
| USA | 1,120 | – | \$82,640 |



| Top 5 Core Tasks According to Current Job Holders | Frequency | Importance (out of 100) |
|---|-------------------|-------------------------|
| Prepare reports, sketches, working drawings, specifications, proposals, and budgets for proposed sites or systems. | More than monthly | 83 |
| Discuss plans with clients, contractors, consultants, and other engineers so that they can be evaluated and necessary changes made. | More than monthly | 78 |
| Provide advice on water quality and issues related to pollution management, river control, and ground and surface water resources. | More than monthly | 76 |
| Meet with clients, such as district or regional councils, farmers, and developers, to discuss their needs. | More than monthly | 76 |
| Plan and direct construction of rural electric-power distribution systems, and irrigation, drainage, and flood control systems for soil and water conservation. | More than yearly | 73 |