

Structural Iron and Steel Workers

47-2221.00



Description: Raise, place, and unite iron or steel girders, columns, and other structural members to form completed structures or structural frameworks. May erect metal storage tanks and assemble prefabricated metal buildings.

Other Resources:

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

Sample of Reported Job Titles: Fitter, Iron Worker, Ironworker

Job Zone

Title: 2 - Some Preparation Needed

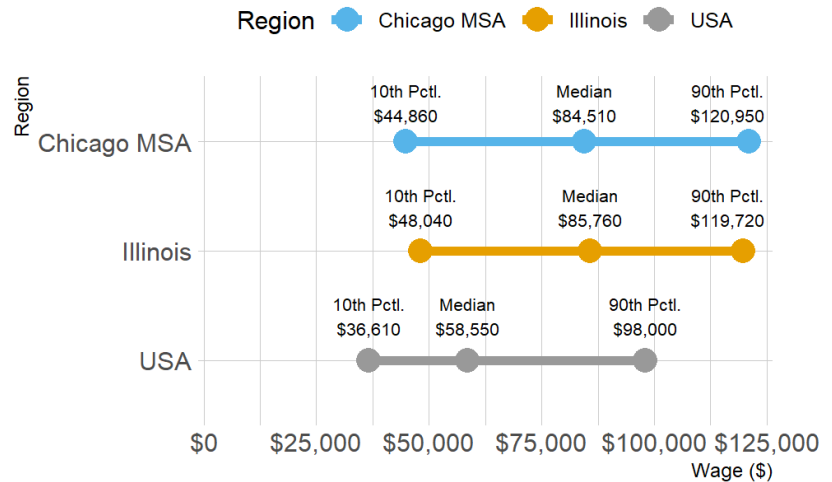
Education: Usually require a high school diploma.

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.

Hot Technologies: Computer aided design CAD software

Region	Employment	Location Quotient	Median Wage
Chicago MSA	2,010	0.98	\$84,510
Illinois	2,350	0.86	\$85,760
USA	68,620	—	\$58,550



Top 5 Core Tasks According to Current Job Holders

Importance
Frequency (out of 100)

Read specifications or blueprints to determine the locations, quantities, or sizes of materials required.

Hourly or more

91

Connect columns, beams, and girders with bolts, following blueprints and instructions from supervisors.

Hourly or more

90

Bolt aligned structural steel members in position for permanent riveting, bolting, or welding into place.

Hourly or more

88

Fasten structural steel members to hoist cables, using chains, cables, or rope.

Hourly or more

87

Verify vertical and horizontal alignment of structural steel members, using plumb bobs, laser equipment, transits, or levels.

Daily

86