

Structural Metal Fabricators and Fitters

51-2041.00



Description: Fabricate, position, align, and fit parts of structural metal products.

Other Resources:

[ONET Link](#)

[MyNextMove Link](#)

Sample of Reported Job Titles: Fabricator, Fitter, Layout Man

Job Zone

Title: 3 - Medium Preparation Needed

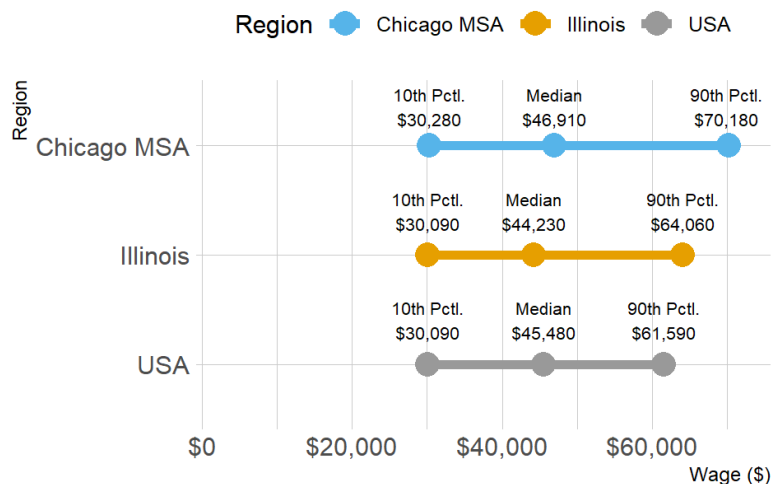
Education: Require training in vocational schools, related on-the-job experience, or an associate's degree.

Experience: Previous work-related skill, knowledge, or experience is required.

Training: One or two years of training involving both on-the-job experience and informal training with experienced workers needed. A recognized apprenticeship program may be associated with these occupations.

Hot Technologies: Computer aided design and drafting CADD software, Dassault Systemes CATIA, Enterprise resource planning ERP software, Microsoft Office Suite

Region	Employment	Location Quotient	Median Wage
Chicago MSA	1,240	0.68	\$46,910
Illinois	1,720	0.70	\$44,230
USA	61,070	—	\$45,480



Top 5 Core Tasks According to Current Job Holders

Importance
Frequency (out of 100)

Verify conformance of workpieces to specifications, using squares, rulers, and measuring tapes.

Daily

87

Align and fit parts according to specifications, using jacks, turnbuckles, wedges, drift pins, pry bars, and hammers.

More than weekly

83

Move parts into position, manually or with hoists or cranes.

Daily

82

Position, align, fit, and weld parts to form complete units or subunits, following blueprints and layout specifications, and using jigs, welding torches, and hand tools.

Several times daily

81

Study engineering drawings and blueprints to determine materials requirements and task sequences.

Daily

81