## 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

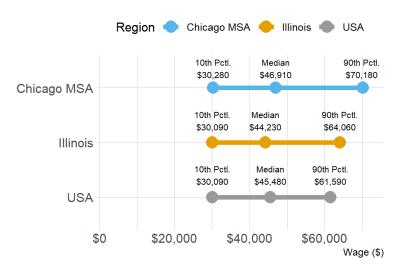
**Education:** Require training in vocational schools, related on-the-job experience, or an associate's degree.

**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



## **Importance**

(out of 100)

Frequency

Top 5 Core	Tasks A	According	to	Current	Jo	b Ho	Iders
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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