

# Layout Workers, Metal and Plastic

51-4192.00



**Description:** Lay out reference points and dimensions on metal or plastic stock or workpieces, such as sheets, plates, tubes, structural shapes, castings, or machine parts, for further processing. Includes shipfitters.

**Other Resources:**

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

**Sample of Reported Job Titles:** Development Mechanic, Layout Fabricator, Layout Fitter

**Job Zone**

**Title:** 2 - Some Preparation Needed

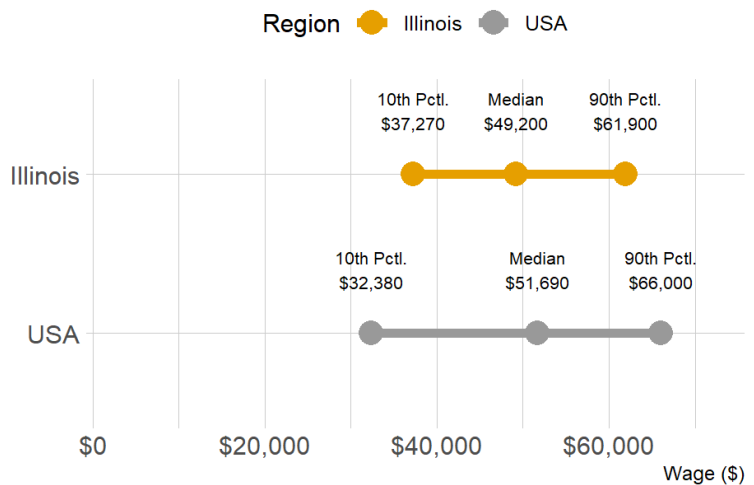
**Education:** Usually require a high school diploma.

**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:** Autodesk AutoCAD, Computer aided design CAD software, Microsoft Office Suite

Region	Employment	Location Quotient	Median Wage
Illinois	-	-	\$49,200
USA	6,840	-	\$51,690



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

	Frequency	Importance (out of 100)
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Mark curves, lines, holes, dimensions, and welding symbols onto workpieces, using scribes, soapstones, punches, and hand drills.	Hourly or more	89
Fit and align fabricated parts to be welded or assembled.	Hourly or more	88
Plan locations and sequences of cutting, drilling, bending, rolling, punching, and welding operations, using compasses, protractors, dividers, and rules.	Daily	88
Locate center lines and verify template positions, using measuring instruments such as gauge blocks, height gauges, and dial indicators.	Daily	87
Plan and develop layouts from blueprints and templates, applying knowledge of trigonometry, design, effects of heat, and properties of metals.	Daily	85

Sources: US Department of Labor O\*NET 26.3 Database (May 2022 Release); Bureau of Labor Statistics Occupational Employment and Wage Estimates - National, State, and Metropolitan (May 2021 Release)

