

# Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic



**Description:** Set up, operate, or tend metal or plastic molding, casting, or coremaking machines to mold or cast metal or thermoplastic parts or products.

**Other Resources:**  
[ONET Link](#)  
[MyNextMove Link](#)

**Sample of Reported Job Titles:** Core Machine Operator, Die Cast Technician, Diecast Machine Operator

## Job Zone

**Title:** 2 - Some Preparation Needed

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

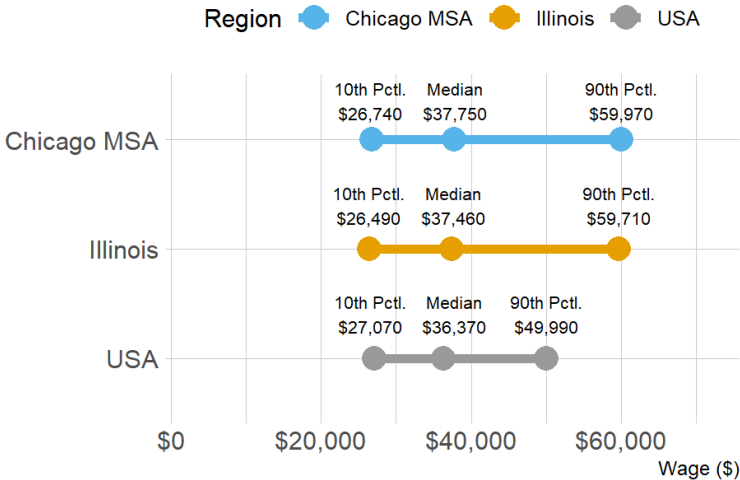
**Experience:** Some previous work-related skill, knowledge, or experience is needed.

**Training:** A few months to one year of working with experienced employees needed. A recognized apprenticeship program may be associated with these occupations.

**Core Certifications:** Machining Level I - Job Planning, Benchwork, and Layout, Machining Level I - CNC Turning: Operations, Machining Level I - CNC Milling: Operations

**Hot Technologies:** Microsoft Office Suite

| Region      | Employment | Location Quotient | Median Wage |
|-------------|------------|-------------------|-------------|
| Chicago MSA | 7,920      | 1.61              | \$37,750    |
| Illinois    | 10,440     | 1.60              | \$37,460    |
| USA         | 163,210    | –                 | \$36,370    |



| Top 5 Core Tasks According to Current Job Holders   | Frequency      | Importance (out of 100) |
|---|----------------|-------------------------|
| Measure and visually inspect products for surface and dimension defects to ensure conformance to specifications, using precision measuring instruments.   | Hourly or more | 90                      |
| Observe continuous operation of automatic machines to ensure that products meet specifications and to detect jams or malfunctions, making adjustments as necessary.                               | Hourly or more | 88                      |
| Set up, operate, or tend metal or plastic molding, casting, or coremaking machines to mold or cast metal or thermoplastic parts or products.  | Daily          | 86                      |
| Turn valves and dials of machines to regulate pressure, temperature, and speed and feed rates, and to set cycle times.  | Daily          | 84                      |
| Read specifications, blueprints, and work orders to determine setups, temperatures, and time settings required to mold, form, or cast plastic materials, as well as to plan production sequences. | Daily          | 82                      |