

Plumbers, Pipefitters, and Steamfitters

47-2152.00



Description: Assemble, install, alter, and repair pipelines or pipe systems that carry water, steam, air, or other liquids or gases. May install heating and cooling equipment and mechanical control systems. Includes sprinkler fitters.

Other Resources:

[ONET Link](#)

[MyNextMove Link](#)

Sample of Reported Job Titles: Drain Technician, Fire Sprinkler Service Technician, Pipe Fitter

Job Zone

Title: 3 - Medium Preparation Needed

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

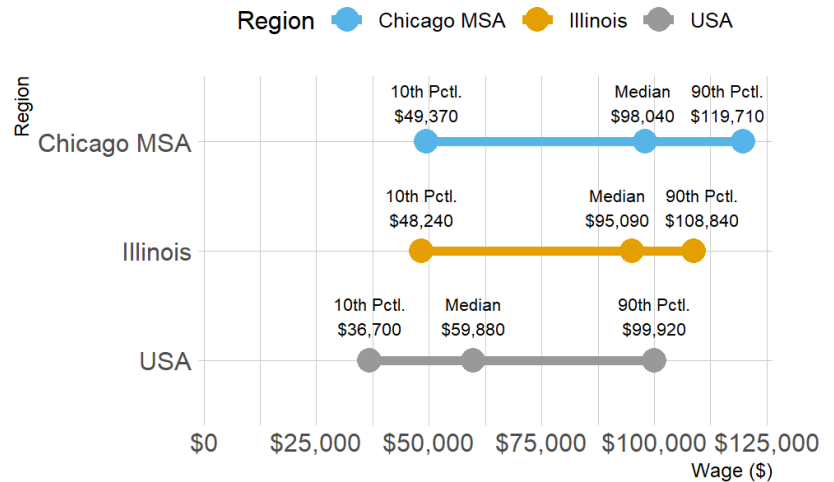
Experience: Previous work-related skill, knowledge, or experience is required.

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.

Core Certifications: IAPMO Plumbing Inspector, IAPMO Plumbing Plans Examiner

Hot Technologies: AEC Design Group CADPIPE, Autodesk Building Systems, Computer aided design CAD software, Database software, Drawing and drafting software

| Region | Employment | Location Quotient | Median Wage |
|-------------|------------|-------------------|-------------|
| Chicago MSA | 11,780 | 0.94 | \$98,040 |
| Illinois | 15,790 | 0.95 | \$95,090 |
| USA | 417,620 | — | \$59,880 |



| Top 5 Core Tasks According to Current Job Holders | Frequency | Importance (out of 100) |
|--|-------------------|-------------------------|
| Cut, thread, or hammer pipes to specifications, using tools such as saws, cutting torches, pipe threaders, or pipe benders. | Hourly or more | 89 |
| Lay out full scale drawings of pipe systems, supports, or related equipment, according to blueprints. | Daily | 88 |
| Inspect, examine, or test installed systems or pipe lines, using pressure gauge, hydrostatic testing, observation, or other methods. | More than monthly | 84 |
| Plan pipe system layout, installation, or repair, according to specifications. | Daily | 84 |
| Attach pipes to walls, structures, or fixtures, such as radiators or tanks, using brackets, clamps, tools, or welding equipment. | Daily | 84 |