



South Dakota High Demand & High Wage Career



Career Cluster:
Architecture & Construction

Plumbers, Pipefitters, and Steamfitters

Standard Occupational Code 47-2152

What They Do

Assemble, install or repair pipes, fittings or fixtures of heating, water or drainage systems according to specifications or plumbing codes. May install heating and cooling equipment and mechanical control systems like sprinkler systems.

Is This For You?

Work Interests are described in the following categories (compatible with Holland's Model). People who tend to succeed in this career are:

Realistic (Doers) — Prefer to work with objects, things, machines, tools, plants, or animals. They have mechanical ability, enjoy being outdoors, and working with their hands.

Conventional (Organizers) — Detail oriented and organized. They like to analyze data, keep financial records, and do research. They can be counted on to be accurate and enjoy structure and closure.

Work Values are aspects of work that are satisfying to you. The following work values are generally associated with this career.

Relationships — Provide service to others and work with co-workers in a friendly, non-competitive environment.

Independence — Allow employees to work on their own and make decisions.

Support — Offer supportive management that stands behind employees.

Abilities reflect a person's aptitude to acquire skills and knowledge. The following abilities are important for success in the career.

- Problem Sensitivity
- Finger Dexterity
- Near Vision
- Deductive Reasoning
- Manual Dexterity
- Far Vision
- Inductive Reasoning
- Trunk Strength

Basic Skills You Need

- Critical Thinking
- Judgment and Decision Making
- Repairing
- Troubleshooting
- Monitoring

Education & Training

Some postsecondary education in a relevant program is recommended for plumbers, pipefitters and steamfitters.

A registered apprenticeship is another option for preparing for this occupation. To learn more, visit StartTodaySD.com or contact your local Job Service office to get started.

Plumbers must be licensed in South Dakota. For more information, visit: <http://dlr.sd.gov/plumbing>.

Recommended Levels* for the National Career Readiness Certificate

Applied Math	4
Workplace Documents	4
Graphic Literacy	4

*Using the median skill level.

Where They Work

The South Dakota industries which employ the largest number of plumbers are:

- Building Equipment Contractors
- Self Employment
- Local Government, excluding Education and Hospitals

South Dakota Employment & Wages

2022 Employment	2032 Employment	Numeric Change	Percent Change	Average Annual Openings	Annual Median Wage	Annual Average Wage
1,882	2,114	232	12.3%	193	\$50,790	\$55,090

Additional References

Labor Market Information Center
www.dlr.sd.gov/lmic

Career OneStop
www.careeronestop.org

O*Net Online
www.onetonline.org

mySkills myFuture
<https://www.myskillsmyfuture.org/>

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Labor Market Information Center
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