

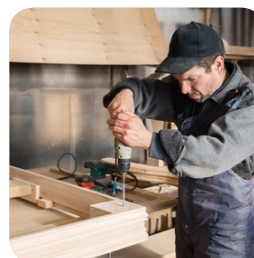
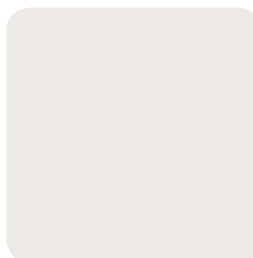
# middle-skill construction occupations

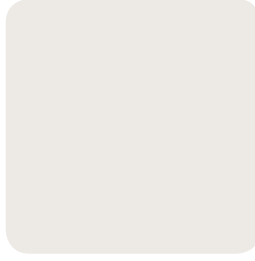
The *Construction* occupation group has 76% of its employment in middle-skill occupations. The top three middle-skill *Construction* occupations with the most total openings are *Carpenters; Electricians; and Plumbers, Pipefitters, and Steamfitters*. These three occupations combined are projected to have over 9,000 total openings between 2014 and 2024.

## TOP MIDDLE-SKILL CONSTRUCTION OCCUPATIONS BY TOTAL OPENINGS

Occupation	Employment		Openings		Average Wage
	2014	2024	Growth	Total	
Carpenters	19,542	20,892	1,350	<b>3,597</b>	\$51,768
Electricians	11,093	12,806	1,713	<b>3,406</b>	\$57,762
Plumbers, Pipefitters, and Steamfitters	7,992	8,969	977	<b>2,033</b>	\$63,601
Operating Engineers and Other Equipment Operators	6,688	7,140	452	<b>1,567</b>	\$52,949
Painters, Construction and Maintenance	6,414	6,915	501	<b>1,521</b>	\$49,776
Highway Maintenance Workers	4,205	4,422	217	<b>1,338</b>	\$33,475
Supervisors of Construction and Extraction Workers	7,188	7,748	560	<b>1,130</b>	\$66,814
Sheet Metal Workers	3,738	4,054	316	<b>1,120</b>	\$57,715
Cement Masons and Concrete Finishers	3,619	4,007	388	<b>829</b>	\$46,018
Construction and Building Inspectors	1,919	2,054	135	<b>671</b>	\$50,009

Building and construction knowledge is important for all 10 of the middle-skill *Construction* occupations with the most total openings. Other knowledge requirements are less obvious, however, such as customer and personal service skills, which are important for 8 of the top 10 middle-skill *Construction* occupations; or administration and management knowledge, which is important for 6 of the top 10 occupations. As many construction workers are self-employed, business skills and knowledge can be a great advantage in the market place.





Not many occupations typically require apprenticeship programs, but of the occupations that do, almost all are *Construction* occupations. Of the top 10 middle-skill *Construction* occupations with the most openings, 4 typically require apprenticeship programs. Apprenticeships offer employees free education and training in a promising career, all while earning a paycheck.

TOP SKILLS	
Baseline	Specialized
Troubleshooting	Repair
Communication Skills	Hand Tools
Problem Solving	Carpentry
Physical Demand	Inspection
Organizational Skills	Electrical Work

*Labor Insight Burning Glass May 01,2015 - April 30, 2017*

OCCUPATIONS THAT TYPICALLY REQUIRE APPRENTICESHIP PROGRAMS		
Occupation	Average Wage	2014-2024 Total Openings
Carpenters	\$51,768	3,597
Electricians	\$57,762	3,406
Plumbers, Pipefitters, and Steamfitters	\$63,601	2,033
Sheet Metal Workers	\$57,715	1,120
Brickmasons and Blockmasons	\$62,610	551
Millwrights	\$51,309	440
Structural Iron and Steel Workers	\$57,034	224
Reinforcing Iron and Rebar Workers	\$52,555	179
Insulation Workers, Mechanical	\$58,998	158
Glaziers	\$49,528	145
Stonemasons	\$42,906	46
Musical Instrument Repairers and Tuners	\$35,993	21
Boilermakers	\$75,820	N/A
Elevator Installers and Repairers	\$80,454	N/A
Terrazzo Workers and Finishers	N/A	N/A