

## What are Nontraditional Occupations? Occupations with less than 25% of either gender.

### Non-Traditional Occupations for Women

Non-Traditional Occupations for Women (or Male Dominated Occupations) in which women are least represented (less than 10% women) include several career clusters such as Construction & Extraction, Installation, and Maintenance & Repair.

<i>Occupations</i>	<i>WOMEN as a percent of total employed in the occupation</i>
Cement masons, concrete finishers, and terrazzo workers.....	0.00%
Derrick, rotary drill, and service unit operators, oil, gas, and mining.....	0.00%
Crane and tower operators.....	0.20%
Bus and truck mechanics and diesel engine specialists.....	0.30%
Roofers.....	0.50%
Heavy vehicle and mobile equipment service technicians and mechanics.....	0.50%
Brickmasons, blockmasons, stonemasons.....	0.70%
Heating, air conditioning, and refrigeration mechanics and installers.....	1.20%
Tool and die makers.....	1.30%
Automotive service technicians and mechanics.....	1.40%
Locomotive engineers and operators.....	1.40%
Highway maintenance workers.....	1.50%
Mining machine operators.....	1.50%
Pipelayers, plumbers, pipefitters, and steamfitters.....	1.60%
Automotive body and related repairers.....	1.60%
Carpenters.....	1.70%
Operating engineers and other construction equipment operators.....	1.80%
Structural iron and steel workers.....	2.0%
Stationary engineers and boiler operators.....	2.0%
Drywall installers, ceiling tile installers, and tapers.....	2.10%
Small engine mechanics.....	2.10%
First-line supervisors of construction trades and extraction workers.....	2.40%
Electricians.....	2.40%
Industrial and refractory machinery mechanics.....	2.80%
Electrical power-line installers and repairers.....	3.0%
Maintenance and repair workers, general.....	3.20%
Aircraft mechanics and service technicians.....	3.30%

*Occupations*

*WOMEN as a percent  
of total employed  
in the occupation*

Telecommunications line installers and repairers.....	4.40%
Machinists.....	4.50%
Water and wastewater treatment plant and system operators.....	4.50%
First-line supervisors of landscaping, lawn service, and groundskeeping workers.....	4.80%
First-line supervisors of mechanics, installers, and repairers.....	4.80%
Welding, soldering, and brazing workers.....	4.80%
Sheet metal workers.....	5.20%
Logging workers.....	5.40%
Home appliance repairers.....	5.60%
Firefighters.....	5.70%
Chemical processing machine setters, operators, and tenders.....	5.80%
Driver/sales workers and truck drivers.....	5.80%
Painters, construction and maintenance.....	6.00%
Grounds maintenance workers.....	6.30%
Aircraft pilots and flight engineers.....	7.20%
Construction managers.....	7.40%
Radio and telecommunications equipment installers and repairers.....	7.40%
Industrial truck and tractor operators.....	7.40%
Security and fire alarm systems installers.....	7.50%
Architectural and engineering managers.....	7.60%
First-line supervisors of firefighting and prevention workers.....	7.80%
Computer control programmers and operators.....	8.10%
Mechanical engineers.....	8.80%
Surveying and mapping technicians.....	9.7%
Cabinetmakers and bench carpenters.....	9.9%
Crushing, grinding, polishing, mixing, and blending workers.....	11.7%
Construction and building inspectors.....	12.2%
Electrical and electronics engineers.....	12.3%
Computer network architects.....	12.4%
Police and sheriff's patrol officers.....	12.4%
Chemical engineers.....	13.0%
Broadcast and sound engineering technicians and radio operators.....	13.0%
Computer, automated teller, and office machine repairers.....	13.3%

*Occupations*

*WOMEN as a percent  
of total employed  
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Precision instrument and equipment repairers.....	14.2%
Computer hardware engineers.....	15.3%
Aerospace engineers.....	15.6%
First-line supervisors of police and detectives.....	15.9%
Industrial engineers, including health and safety.....	16.0%
Civil engineers.....	16.5%
Industrial production managers.....	17.8%
Information security analysts.....	18.1%
Drafters.....	18.1%
Television, video, and motion picture camera operators and editors.....	18.1%
Supervisors of transportation and material moving workers.....	18.3%
First-line supervisors of production and operating workers.....	18.6%
Network and computer systems administrators.....	19.1%
Printing press operators.....	19.6%
Software developers, applications, systems software.....	19.8%
Metal workers and plastic workers, all other.....	20.4%
Engineering technicians, except drafters.....	20.5%
First-line supervisors of protective service workers, all other.....	20.9%
Detectives and criminal investigators.....	21.0%
Computer programmers.....	21.4%
Chefs and head cooks.....	21.4%
Transportation, storage, and distribution managers.....	21.6%
Chiropractors.....	22.4%
Security guards and gaming surveillance officers.....	22.6%
Computer occupations, all other.....	23.1%
Farmers, ranchers, and other agricultural managers.....	23.8%
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic.....	24.2%
Environmental scientists and geoscientists.....	24.5%
Production workers, all other.....	24.7%

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Adapted from:  
U.S. Bureau of Labor Statistics, Current Population Survey, 2014

Notes:

- Nontraditional occupations for women (or male dominated occupations) are those in which women represent 25 percent or less of total employed. Occupations include those with a sample size of at least 50,000 people employed.
- Total number of workers and women as a percentage of total employed are 2014 annual averages for all people employed (includes part-time and self-employed). <http://www.bls.gov/cps/cpsaat11.htm>