

Center for Occupational Employment Information (COEI)

Non-Traditional Occupations

Occupation	Percent Female	
	1990	2000
Aerospace Engineers	9%	6%
Agricultural Inspectors	6%	20%
Aircraft Mechanics & Service Technicians	4%	4%
Aircraft Pilots & Flight Engineers	5%	5%
Announcers	29%	15%
Architects, Except Naval	14%	16%
Astronomers & Physicists	14%	11%
Atmospheric & Space Scientists	6%	24%
Automotive Body & Related Repairers	0%	2%
Automotive Glass Installers & Repairers	n/a	0%
Automotive Service Technicians & Mechanics	2%	1%
Avionics Technicians	n/a	2%
Group 2		
Baggage Porters, Bellhops, & Concierges	18%	15%
Bailiffs, Correctional Officers, & Jailers	27%	19%
Barbers	13%	14%
Boilermakers	3%	2%
Brickmasons, Blockmasons, & Stonemasons	1%	1%
Broadcast & Sound Engineering Technicians & Radio Operators	17%	12%
Bus & Truck Mechanics & Diesel Engine Specialists	n/a	1%
Butchers & Other Meat, Poultry, & Fish Processing Workers	16%	11%
Group 3		
Cabinetmakers & Bench Carpenters	2%	3%
Carpenters	1%	1%
Carpet, Floor, & Tile Installers & Finishers	2%	2%
Cement Masons, Concrete Finishers, & Terrazzo Workers	n/a	0%
Chefs & Head Cooks	n/a	15%
Chemical Engineers	11%	17%
Chemical Processing Machine Setters, Operators, & Tenders	n/a	9%
Chief Executives	25%	19%
Chiropractors	n/a	22%
Civil Engineers	6%	10%
Cleaners of Vehicles & Equipment	9%	22%
Clergy	15%	16%
Coin, Vending, & Amusement Machine Servicers & Repairers	n/a	15%
Computer Control Programmers & Operators	n/a	9%
Computer Hardware Engineers	n/a	14%
Computer, Automated Teller, & Office Machine Repairers	11%	10%
Conservation Scientists & Foresters	n/a	21%
Construction & Building Inspectors	n/a	7%
Construction Laborers	3%	2%
Construction Managers	n/a	7%
Control & Valve Installers & Repairers	n/a	2%
Cost Estimators	n/a	14%
Couriers and Messengers	16%	13%
Crane & Tower Operators	2%	4%

Crushing, Grinding, Polishing, Mixing, & Blending Workers	n/a	15%
Cutting Workers	n/a	23%
Dentists		
Dentists	14%	22%
Derrick, Rotary Drill, & Service Unit Operators, & Roustabouts, Oil and Gas		
Derrick, Rotary Drill, & Service Unit Operators, & Roustabouts, Oil and Gas	n/a	0%
Detectives & Criminal Investigators		
Detectives & Criminal Investigators	n/a	20%
Dishwashers		
Dishwashers	n/a	14%
Drafters		
Drafters	20%	21%
Dredge, Excavating, & Loading Machine Operators		
Dredge, Excavating, & Loading Machine Operators	0%	0%
Drilling & Boring Machine Tool Setters, Operators, & Tenders, Metal & Plastic		
Drilling & Boring Machine Tool Setters, Operators, & Tenders, Metal & Plastic	22%	4%
Driver/Sales Workers & Truck Drivers		
Driver/Sales Workers & Truck Drivers	8%	4%
Drywall Installers, Ceiling Tile Installers, & Tapers		
Drywall Installers, Ceiling Tile Installers, & Tapers	4%	1%
Earth Drillers, Except Oil & Gas		
Earth Drillers, Except Oil & Gas	2%	0%
Electric Motor, Power Tool, & Related Repairers		
Electric Motor, Power Tool, & Related Repairers	n/a	3%
Electrical & Electronics Engineers		
Electrical & Electronics Engineers	12%	9%
Electrical and Electronics Repairers, Industrial Utility and Transportation		
Electrical and Electronics Repairers, Industrial Utility and Transportation	10%	8%
Electrical Power-Line Installers & Repairers		
Electrical Power-Line Installers & Repairers	2%	2%
Electricians		
Electricians	3%	2%
Electronic Equipment Installers & Repairers, Motor Vehicles		
Electronic Equipment Installers & Repairers, Motor Vehicles	n/a	0%
Electronic Home Entertainment Equipment Installers & Repairers		
Electronic Home Entertainment Equipment Installers & Repairers	n/a	2%
Elevator Installers & Repairers		
Elevator Installers & Repairers	1%	1%
Engine & Other Machine Assemblers		
Engine & Other Machine Assemblers	n/a	22%
Engineering Managers		
Engineering Managers	n/a	6%
Engineering Technicians, Except Drafters		
Engineering Technicians, Except Drafters	n/a	19%
Environmental Engineers		
Environmental Engineers	n/a	23%
Etchers & Engravers		
Etchers & Engravers	18%	24%
Explosives Workers, Ordnance Handling Experts, & Blasters		
Explosives Workers, Ordnance Handling Experts, & Blasters	6%	0%
Extruding, Forming, Pressing, & Compacting Machine Setters and Operators		
Extruding, Forming, Pressing, & Compacting Machine Setters and Operators	12%	24%
Farmers & Ranchers		
Farmers & Ranchers	22%	24%
Fence Erectors		
Fence Erectors	n/a	1%
Fire Fighters		
Fire Fighters	1%	1%
Fire Inspectors		
Fire Inspectors	6%	3%
First-Line Supervisors/Managers of Construction Trades & Extraction Workers		
First-Line Supervisors/Managers of Construction Trades & Extraction Workers	n/a	3%
First-Line Supervisors/Managers of Correctional Officers		
First-Line Supervisors/Managers of Correctional Officers	n/a	17%
First-Line Supervisors/Managers of Fire Fighting & Prevention Workers		
First-Line Supervisors/Managers of Fire Fighting & Prevention Workers	1%	2%
First-Line Supervisors/Managers of Landscaping, Lawn Service, & Groundskeeping		
First-Line Supervisors/Managers of Landscaping, Lawn Service, & Groundskeeping	n/a	4%
First-Line Supervisors/Managers of Mechanics, Installers, & Repairers		
First-Line Supervisors/Managers of Mechanics, Installers, & Repairers	11%	10%
First-Line Supervisors/Managers of Police & Detectives		
First-Line Supervisors/Managers of Police & Detectives	8%	5%
First-Line Supervisors/Managers of Production & Operating Workers		
First-Line Supervisors/Managers of Production & Operating Workers	n/a	24%
Fishing & Hunting Workers		
Fishing & Hunting Workers	n/a	1%
Forest & Conservation Workers		
Forest & Conservation Workers	n/a	0%
Forging Machine Setters, Operators, & Tenders, Metal & Plastic		
Forging Machine Setters, Operators, & Tenders, Metal & Plastic	5%	4%
Funeral Directors		
Funeral Directors	15%	17%
Funeral Service Workers		
Funeral Service Workers	n/a	16%
Furniture Finishers		
Furniture Finishers	11%	7%
Geological & Petroleum Technicians		
Geological & Petroleum Technicians	n/a	12%

Glaziers	3%	1%
Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators	18%	10%
Grounds Maintenance Workers	5%	4%
Hazardous Materials Removal Workers		
Hazardous Materials Removal Workers	n/a	19%
Heat Treating Equipment Setters, Operators, & Tenders, Metal & Plastic	4%	8%
Heating, Air Conditioning, & Refrigeration Mechanics & Installers	1%	2%
Heavy Vehicle & Mobile Equipment Service Technicians & Mechanics	1%	0%
Helpers, Construction Trades	4%	2%
Helpers--Installation, Maintenance, & Repair Workers	5%	6%
Highway Maintenance Workers	n/a	1%
Hoist & Winch Operators	6%	0%
Home Appliance Repairers	2%	1%
Industrial & Refractory Machinery Mechanics		
Industrial & Refractory Machinery Mechanics	3%	3%
Industrial Engineers, Including Health & Safety	15%	16%
Industrial Production Managers	n/a	19%
Industrial Truck & Tractor Operators	4%	4%
Insulation Workers	5%	0%
Iron & Steel Workers	n/a	1%
Jewelers & Precious Stone & Metal Workers		
Jewelers & Precious Stone & Metal Workers	28%	24%
Job Printers	n/a	19%
Laborers & Freight, Stock, & Material Movers, Hand		
Laborers & Freight, Stock, & Material Movers, Hand	n/a	16%
Lathe & Turning Machine Tool Setters, Operators, & Tenders, Metal & Plastic	22%	22%
Lay-Out Workers, Metal & Plastic	n/a	0%
Locksmiths & Safe Repairers	3%	1%
Locomotive Engineers & Operators	2%	6%
Logging Workers	7%	2%
Machinists		
Machinists	5%	5%
Maintenance & Repair Workers, General	n/a	3%
Maintenance Workers, Machinery	5%	0%
Manufactured Building & Mobile Home Installers	n/a	0%
Marine Engineers & Naval Architects	12%	1%
Materials Engineers	0%	6%
Mechanical Engineers	4%	6%
Metal Furnace & Kiln Operators & Tenders	n/a	4%
Meter Readers, Utilities	10%	10%
Millwrights	4%	5%
Molders & Molding Machine Setters, Operators, & Tenders, Metal & Plastic	n/a	17%
Molders, Shapers, & Casters, Except Metal & Plastic	23%	14%
Motion Picture Projectionists	9%	4%
Network & Computer Systems Administrators		
Network & Computer Systems Administrators	n/a	21%
Network Systems & Data Communications Analysts	n/a	21%
Nuclear Engineers	7%	0%
Optometrists		
Optometrists	15%	21%

Painters, Construction & Maintenance	n/a	4%
Painting Workers	5%	11%
Paperhangers	9%	9%
Parking Lot Attendants	9%	16%
Parts Salespersons	9%	6%
Paving, Surfacing, & Tamping Equipment Operators	0%	0%
Pest Control Workers	4%	4%
Petroleum, Mining & Geological Engineers, Including Mining Safety Engineers	n/a	23%
Pipelayers, Plumbers, Pipefitters, & Steamfitters	1%	1%
Plasterers & Stucco Masons	3%	0%
Plating & Coating Machine Setters, Operators, & Tenders, Metal & Plastic	n/a	11%
Podiatrists	14%	20%
Police Officers	7%	8%
Postal Service Mail Carriers	n/a	23%
Postmasters & Mail Superintendents	19%	19%
Power Plant Operators, Distributors, & Dispatchers	6%	5%
Precision Instrument & Equipment Repairers	n/a	13%
Printing Machine Operators	15%	14%
Pumping Station Operators	n/a	5%
Purchasing Agents & Buyers, Farm Products	18%	19%
Radio & Telecommunications Equipment Installers & Repairers	n/a	8%
Railroad Brake, Signal, & Switch Operators	7%	0%
Railroad Conductors & Yardmasters	9%	13%
Rail-Track Laying & Maintenance Equipment Operators	n/a	3%
Refuse & Recyclable Material Collectors	9%	7%
Riggers	n/a	10%
Roofers	1%	1%
Sailors & Marine Oilers	2%	5%
Sales Engineers	7%	5%
Securities, Commodities, & Financial Services Sales Agents	23%	24%
Security & Fire Alarm Systems Installers	n/a	1%
Security Guards & Gaming Surveillance Officers	18%	21%
Septic Tank Servicers & Sewer Pipe Cleaners	n/a	0%
Service Station Attendants	6%	6%
Sheet Metal Workers	2%	3%
Ship & Boat Captains & Operators	4%	1%
Ship Engineers	n/a	0%
Shipping, Receiving, & Traffic Clerks	23%	24%
Shoe & Leather Workers & Repairers	n/a	4%
Small Engine Mechanics	2%	2%
Stationary Engineers & Boiler Operators	5%	2%
Structural Metal Fabricators & Fitters	2%	1%
Subway, Streetcar, & Other Rail Transportation Workers	n/a	16%
Supervisors, Transportation & Material Moving Workers	12%	19%
Surveying & Mapping Technicians	8%	7%
Surveyors, Cartographers, & Photogrammetrists	4%	20%

Taxi Drivers & Chauffeurs	10%	9%
Telecommunications Line Installers & Repairers	3%	6%
Television, Video, & Motion Picture Camera Operators & Editors	n/a	11%
Textile Bleaching & Dyeing Machine Operators & Tenders	n/a	14%
Tire Builders	n/a	0%
Tool & Die Makers	3%	1%
Tool Grinders, Filers, & Sharpeners	n/a	9%
Transportation Inspectors	n/a	13%
Transportation, Storage, & Distribution Managers	n/a	16%
Upholsterers		
	n/a	16%
Water & Liquid Waste Treatment Plant & System Operators		
	3%	1%
Welding, Soldering, & Brazing Workers		
	0%	8%
Woodworking Machine Setters, Operators, & Tenders, Except Sawing		
	n/a	23%

Occupation	Percent Male	
	1990	2000
Audiologists		19%
Billing & Posting Clerks & Machine Operators Bookkeeping, Accounting, & Auditing Clerks	9% n/a	14% 13%
Child Care Workers Court, Municipal, & License Clerks	2% n/a	5% 19%
Dancers & Choreographers Data Entry Keyers Dental Assistants Dental Hygienists Dietitians & Nutritionists Directors, Religious Activities & Education	n/a 13% 3% 1% 9% n/a	19% 21% 2% 2% 9% 15%
Elementary & Middle School Teachers Eligibility Interviewers, Government Programs	22% n/a	20% 19%
File Clerks	19%	21%
Hairdressers, Hairstylists, & Cosmetologists Hosts & Hostesses, Restaurant, Lounge, & Coffee Shop Human Resources Assistants, Except Payroll & Timekeeping	15% n/a n/a	14% 22% 19%
Information & Record Clerks, All Other Insurance Claims & Policy Processing Clerks	21% n/a	24% 20%
Librarians Library Assistants, Clerical Licensed Practical & Licensed Vocational Nurses Loan Interviewers & Clerks	20% 15% 7% n/a	15% 16% 7% 19%
Maids & Housekeeping Cleaners Massage Therapists Medical Assistants & Other Healthcare Support Occupations Medical Records & Health Information Technicians Miscellaneous Personal Appearance Workers	22% n/a n/a n/a n/a	17% 17% 15% 11% 9%
New Accounts Clerks Nursing, Psychiatric, & Home Health Aides	n/a 11%	18% 12%
Occupational Therapist Assistants & Aides Occupational Therapists Office Clerks, General	n/a 7% 19%	21% 8% 18%
Paralegals & Legal Assistants Payroll & Timekeeping Clerks	23% 10%	15% 14%

Personal & Home Care Aides	n/a	10%
Physical Therapist Assistants & Aides	n/a	23%
Preschool & Kindergarten Teachers	2%	2%
Proofreaders & Copy Markers	n/a	24%
Receptionists & Information Clerks		
Receptionists & Information Clerks	4%	7%
Recreational Therapists	n/a	10%
Registered Nurses	4%	6%
Secretaries & Administrative Assistants		
Secretaries & Administrative Assistants	n/a	3%
Sewing Machine Operators	n/a	24%
Social Workers	28%	22%
Special Education Teachers	18%	13%
Speech-Language Pathologists	n/a	3%
Switchboard Operators, Including Answering Service	n/a	12%
Teacher Assistants		
Teacher Assistants	6%	6%
Telephone Operators	12%	21%
Tellers	12%	13%
Transportation Attendants	n/a	21%
Travel Agents	n/a	16%
Word Processors & Typists		
Word Processors & Typists	4%	6%