

Nontraditional Occupations for Women in 2002¹

(Numbers in thousands)

<u>Occupation</u>	<u>Employed Both Sexes</u>	<u>Employed Female</u>	<u>Percent Female</u>
Logisticians	28	7	25.0
Paperhangers	16	4	25.0
Mathematicians	4	1	25.0
Nuclear technicians	4	1	25.0
Milling and planning machine setters, operators, and tenders, metal and plastic	4	1	25.0
Cutting, punching, and press machine setters, operators, tenders, metal and plastic	147	34	23.1
Computer programmers	630	157	24.9
Bailiffs, correctional officers, and jailers	368	90	24.5
Helpers-production workers	74	18	24.3
Dishwashers	255	59	23.1
Computer software engineers	715	163	22.8
Supervisors, protective service workers, all other	84	19	22.6
Plating and coating machine setters, operators, and tenders, metal and plastic	18	4	22.2
Farm, ranch, and other agricultural managers	204	45	22.1
Furniture finishers	32	7	21.9
Security guards and gaming surveillance officers	810	177	21.8
Chief executives	1,747	380	21.7
Barbers	88	19	21.6
Chemical processing machine setters, operators, and tenders	75	16	21.3
Upholsterers	57	12	21.0
First-line supervisors/managers of correctional officers	38	8	21.0
Extruding, forming, pressing, and compacting machine setters, operators and tenders	38	8	21.0
Other transportation workers	19	4	21.0
Network and computer systems administrators	179	37	20.7
Molders and molding machine setters, operators, and tenders, metal and plastic	92	19	20.6
Architects, except naval	176	36	20.4
Detectives and criminal investigators	103	21	20.4
Supervisors, transportation and material moving workers	192	39	20.3
Dentists	178	36	20.2
Surveyors, cartographers, and photogrammetrists	34	7	20.0
Animal control workers	10	2	20.0
Financial examiners	5	1	20.0
Job printers	92	18	19.6
Drafters	234	44	18.8

<u>Occupation</u>	<u>Employed Both Sexes</u>	<u>Employed Female</u>	<u>Percent Female</u>
Engineering technicians, except drafters	450	83	18.4
Molders, shapers, and casters, except metal and plastic	38	7	18.4
Cutting workers	88	16	18.2
Extruding and drawing machine setters, operators, and tenders, metal and plastic	22	4	18.2
Drilling and boring machine tool setters, operators, and tenders, metal and plastic	11	2	18.2
Television, video, and motion picture camera operators and editors	34	6	17.6
Chefs and head cooks	273	47	17.2
Laborers and freight, stock, and material movers, hand	1,830	311	17.0
Announcers	53	9	17.0
Painting workers	186	31	16.7
Funeral service workers	12	2	16.7
Model makers and patternmakers, metal and plastic	6	1	16.7
Textile bleaching and dyeing machine operators and tenders	6	1	16.7
Printing machine operators	194	32	16.5
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	75	12	16.0
Surveying and mapping technicians	65	10	15.4
Transportation, storage, and distribution managers	236	36	15.2
Taxi drivers and chauffeurs	285	43	15.1
First-line supervisors/managers of farming, fishing, and forestry workers	53	8	15.1
First-line supervisors/managers of police and detectives	107	16	14.9
Parking lot attendants	54	8	14.8
Police and sheriff's patrol officers	608	88	14.7
Cost estimators	102	15	14.7
Material moving workers, all other	56	8	14.3
Woodworkers, all other	21	3	14.3
Lay-out workers, metal and plastic	7	1	14.3
Conveyor operators and tenders	7	1	14.3
Cleaning, washing, and metal pickling equipment operators and tenders	7	1	14.3
Industrial production managers	252	35	13.9
Cleaners of vehicles and equipment	348	48	13.8
Air traffic controllers and airfield operations specialists	29	4	13.8
Refuse and recyclable material collectors	66	9	13.6
Meter readers, utilities	44	6	13.6
Transportation inspectors	44	6	13.6
Motor vehicle operators, all other	37	5	13.5
Clergy	406	54	13.3

<u>Occupation</u>	<u>Employed Both Sexes</u>	<u>Employed Female</u>	<u>Percent Female</u>
Sawing machine setters, operators, and tenders, wood	60	8	13.3
Forest and conservation workers	15	2	13.3
Shoe and leather workers and repairers	15	2	13.3
Broadcast and sound engineering technicians and radio operators	100	13	13.0
Baggage, porters, bellhops, and concierges	63	8	12.7
Forging machine setters, operators, and tenders, metal and plastic	8	1	12.5
Fire inspectors	17	2	11.8
Metal furnace and kiln operators and tenders	35	4	11.4
Motion picture projectionists	9	1	11.1
Crushing, grinding, polishing, mixing, and blending workers	119	13	10.9
Tire builders	20	2	10.0
Hazardous materials removal workers	20	2	10.0
Engineers	1,773	169	9.5
Construction and building inspectors	96	9	9.4
Service station attendants	87	8	9.2
Power plant operators, distributors, and dispatchers	44	4	9.1
Insulation workers	44	4	9.1
Heat treating equipment setters, operators, and tenders, metal and plastic	11	1	9.1
Tool grinders, filers, and sharpeners	11	1	9.1
Parts salespersons	112	10	8.9
Astronomers and physicists	23	2	8.7
Conservation scientists and foresters	24	2	8.3
Fishers and related fishing workers	39	3	7.7
Atmospheric and space scientists	13	1	7.7
Industrial truck and tractor operators	558	41	7.3
Welding, soldering, and brazing workers	533	38	7.1
Helpers, construction trades	107	7	6.5
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers	175	11	6.3
Construction managers	670	42	6.3
Derrick, rotary drill, and service unit operators, oil, gas, and mining	16	1	6.2
Painters, construction and maintenance	624	38	6.1
Ship and boat captains and operators	34	2	5.9
Water and liquid waste treatment plant and plant and system operators	74	4	5.4
Sales engineers	37	2	5.4
Driver/sales workers and truck drivers	3,365	172	5.1

<u>Occupation</u>	<u>Employed Both Sexes</u>	<u>Employed Female</u>	<u>Percent Female</u>
Engineering managers	101	5	4.9
Installation, maintenance, and repair occupations, except helpers-installation, maintenance, and repair workers	4,598	205	4.5
Computer control programmers and operators	45	2	4.4
Aircraft pilots and flight engineers	129	5	3.9
Cabinetmakers and bench carpenters	76	3	3.9
Railroad conductors and yardmasters	53	2	3.8
Structural metal fabricators and fitters	26	1	3.8
Construction laborers	1,108	38	3.4
Fire fighters	254	9	3.5
Carpet, floor, and tile installers and finishers	259	7	2.7
First-line supervisors/managers of construction trade and extraction workers	854	25	2.9
Electricians	815	20	2.4
Highway maintenance workers	83	2	2.4
Roofers	232	5	2.1
Drywall installers, ceiling tile installers, and tapers	186	4	2.1
Glaziers	49	1	2.0
Plasterers and stucco masons	49	1	2.0
Carpenters	1,540	30	1.9
Operating engineers and other construction equipment operators	375	7	1.9
Locomotive engineers and operators	53	1	1.9
Cement masons, concrete finishers, and terrazzo workers	113	2	1.8
Tool and die makers	109	2	1.8
Sheet metal workers	172	3	1.7
Pest control workers	65	1	1.5
Pipelayers, plumbers, pipefitters, and steamfitters	579	8	1.4
Crane and tower operators	72	1	1.4
Machinists	454	24	1.3
Logging workers	76	1	1.3
Dredge, excavating, and loading machine operators	76	1	1.3
Brickmasons, blockmasons, and stonemasons	231	2	0.9
Stationary engineers and boiler operators	108	0	0
Structural iron and steel workers	67	0	0
Miscellaneous construction and related workers	42	0	0
Fence erectors	32	0	0
Mining machine operators	30	0	0
Elevator installers and repairers	27	0	0
Lathe and turning machine tool setters, operators, and tenders, metal and plastic	26	0	0
Sailors and marine oilers	22	0	0

<u>Occupation</u>	<u>Employed Both Sexes</u>	<u>Employed Female</u>	<u>Percent Female</u>
Earth drillers, except oil and gas	22	0	0
Other extraction workers	22	0	0
Paving, surfacing, and tamping equipment operators	15	0	0
Septic tank servicers and sewer pipe cleaners	9	0	0
Railroad brake, signal, and switch operators	7	0	0
Tank car, truck and ship loaders	5	0	0
Shuttle car operators	4	0	0
Multiple machine tool setters, operators, and tenders, metal and plastic	3	0	0
Semiconductor processors	2	0	0
Fish and game wardens	1	0	0
First-line supervisors/managers of fire fighting and prevention workers	59	--	--
Boilermakers	23	--	--
Pumping station operators	21	--	--
Hoist and winch operators	12	--	--
Reinforcing iron and rebar workers	12	--	--
Rail-track laying and maintenance equipment operators	9	--	--
Subway, streetcar, and other rail transportation workers	8	--	--
Explosives workers, ordnance handling experts, and blasters	8	--	--
Roof bolters, mining	6	--	--
Ship engineers	5	--	--
Bridge and lock tenders	4	--	--
Pile-driver operators	3	--	--
Cooling and freezing equipment operators and tenders	2	--	--
Roustabouts, oil and gas	2	--	--
Hunters and trappers	1	--	--

¹Nontraditional occupations are those in which women comprise 25 percent or less of total employed.

Source: U.S. Department of Labor, Bureau of Labor Statistics, Unpublished data, Annual Averages 2002, Current Population Survey.