

**Nontraditional Occupations for Women in 2003<sup>1</sup>**  
**(Numbers in thousands)**

| Occupation                                                          | Employed   | Employed | Percent |
|---------------------------------------------------------------------|------------|----------|---------|
|                                                                     | Both Sexes | Female   | Female  |
| Upholsterers                                                        | 56         | 14       | 25      |
| Farmers and ranchers                                                | 825        | 204      | 24.7    |
| Metalworkers and plastic workers, all other                         | 423        | 103      | 24.3    |
| Dishwashers                                                         | 294        | 70       | 23.8    |
| Detectives and criminal investigators                               | 112        | 26       | 23.2    |
| Supervisors, protective service workers, all other                  | 100        | 23       | 23      |
| Architects, except naval                                            | 180        | 40       | 22.2    |
| Drafters                                                            | 224        | 49       | 21.9    |
| Engineering technicians, except drafters                            | 419        | 91       | 21.7    |
| Coin, vending, and amusement machine servicers and repairers        | 65         | 14       | 21.5    |
| First-line supervisors/managers of police and detectives            | 127        | 27       | 21.3    |
| Security guards and gaming surveillance officers                    | 781        | 165      | 21.1    |
| Miscellaneous agricultural workers                                  | 741        | 156      | 21      |
| Cutting workers                                                     | 95         | 20       | 21      |
| Job printers                                                        | 83         | 17       | 20.5    |
| First-line supervisors/managers of production and operating workers | 939        | 189      | 20.1    |
| Baggage porters, bellhops, and concierges                           | 85         | 17       | 20      |
| Chefs and head cooks                                                | 281        | 56       | 19.9    |
| Industrial engineers, including health and safety                   | 180        | 35       | 19.4    |
| Laborers and freight, stock, and material movers, hand              | 1,748      | 321      | 18.4    |

| Occupation                                                                                                | Employed   | Employed | Percent |
|-----------------------------------------------------------------------------------------------------------|------------|----------|---------|
|                                                                                                           | Both Sexes | Female   | Female  |
| Couriers and messengers                                                                                   | 244        | 44       | 18      |
| Farm, ranch, and other agricultural managers                                                              | 206        | 37       | 18      |
| Barbers                                                                                                   | 95         | 17       | 17.9    |
| Printing machine operators                                                                                | 191        | 34       | 17.8    |
| Industrial production managers                                                                            | 276        | 48       | 17.4    |
| Surveying and mapping technicians                                                                         | 75         | 13       | 17.3    |
| Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic | 79         | 13       | 16.5    |
| Supervisors, transportation and material moving workers                                                   | 216        | 35       | 16.2    |
| Transportation, storage, and distribution managers                                                        | 225        | 36       | 16      |
| Meter readers, utilities                                                                                  | 50         | 8        | 16      |
| Service station attendants                                                                                | 96         | 15       | 15.6    |
| Painting workers                                                                                          | 177        | 27       | 15.2    |
| Cost estimators                                                                                           | 100        | 15       | 15      |
| Chemical engineers                                                                                        | 75         | 11       | 14.7    |
| Sawing machine setters, operators, and tenders, wood                                                      | 62         | 9        | 14.5    |
| Cleaners of vehicles and equipment                                                                        | 326        | 46       | 14.1    |
| Clergy                                                                                                    | 410        | 57       | 13.9    |
| Radio and telecommunications equipment installers and repairers                                           | 251        | 35       | 13.9    |
| Parts salespersons                                                                                        | 137        | 19       | 13.9    |
| Taxi drivers and chauffeurs                                                                               | 286        | 39       | 13.6    |
| Motor vehicle operators, all other                                                                        | 66         | 9        | 13.6    |
| Precision instrument and equipment repairers                                                              | 62         | 8        | 12.9    |

| Occupation                                                                          | Employed   | Employed | Percent |
|-------------------------------------------------------------------------------------|------------|----------|---------|
|                                                                                     | Both Sexes | Female   | Female  |
| Material moving workers, all other                                                  | 64         | 8        | 12.5    |
| Police and sheriff's patrol officers                                                | 612        | 76       | 12.4    |
| Engineers, all other                                                                | 282        | 35       | 12.4    |
| Computer, automated teller, and office machine repairers                            | 296        | 36       | 12.2    |
| Aerospace engineers                                                                 | 82         | 9        | 11      |
| First-line supervisors/managers of farming, fishing, and forestry workers           | 65         | 7        | 10.8    |
| Engineering managers                                                                | 77         | 8        | 10.4    |
| Crushing, grinding, polishing, mixing, and blending workers                         | 107        | 11       | 10.3    |
| Computer hardware engineers                                                         | 99         | 10       | 10.1    |
| Sales engineers                                                                     | 50         | 5        | 10      |
| Chemical processing machine setters, operators, and tenders                         | 72         | 7        | 9.7     |
| Construction and building inspectors                                                | 95         | 9        | 9.5     |
| Parking lot attendants                                                              | 74         | 7        | 9.5     |
| Drilling and boring machine tool setters, operators, and tenders, metal and plastic | 11         | 1        | 9.1     |
| Industrial truck and tractor operators                                              | 534        | 46       | 8.6     |
| Civil engineers                                                                     | 278        | 24       | 8.6     |
| Broadcast and sound engineering technicians and radio operators                     | 94         | 8        | 8.5     |
| First-line supervisors/managers of mechanics, installers, and repairers             | 340        | 28       | 8.2     |
| Refuse and recyclable material collectors                                           | 63         | 5        | 7.9     |
| Electrical and electronic engineers                                                 | 363        | 26       | 7.2     |
| Grounds maintenance workers                                                         | 1,135      | 78       | 6.9     |
| Miscellaneous construction and related workers                                      | 58         | 4        | 6.9     |

| Occupation                                                                               | Employed   | Employed | Percent |
|------------------------------------------------------------------------------------------|------------|----------|---------|
|                                                                                          | Both Sexes | Female   | Female  |
| Welding, soldering, and brazing workers                                                  | 528        | 36       | 6.8     |
| Painting, construction and maintenance                                                   | 660        | 44       | 6.7     |
| Water and liquid waste treatment plant and system operators                              | 61         | 4        | 6.6     |
| Telecommunications line installers and repairers                                         | 138        | 9        | 6.5     |
| Pest control workers                                                                     | 81         | 5        | 6.2     |
| Construction managers                                                                    | 680        | 40       | 5.9     |
| Cabinet makers and bench carpenters                                                      | 70         | 4        | 5.7     |
| Railroad conductors and yardmasters                                                      | 53         | 3        | 5.7     |
| Glaziers                                                                                 | 53         | 3        | 5.7     |
| Mechanical engineers                                                                     | 285        | 16       | 5.6     |
| Other, installation, maintenance, and repair workers                                     | 272        | 15       | 5.5     |
| First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers | 223        | 12       | 5.4     |
| Machinists                                                                               | 454        | 22       | 4.8     |
| Sheet metal workers                                                                      | 147        | 7        | 4.8     |
| Driver/sales workers and truck drivers                                                   | 3,214      | 148      | 4.6     |
| Tool and die makers                                                                      | 88         | 4        | 4.5     |
| Millwrights                                                                              | 73         | 3        | 4.1     |
| Highway maintenance workers                                                              | 79         | 3        | 3.8     |
| Fire fighters                                                                            | 258        | 9        | 3.5     |
| Helpers, construction trades                                                             | 114        | 4        | 3.5     |
| Aircraft pilots and flight engineers                                                     | 116        | 4        | 3.4     |
| Crane and tower operators                                                                | 61         | 2        | 3.3     |
| Security and fire alarm systems installers                                               | 60         | 2        | 3.3     |

| Occupation                                                                      | Employed   | Employed | Percent |
|---------------------------------------------------------------------------------|------------|----------|---------|
|                                                                                 | Both Sexes | Female   | Female  |
| Construction laborers                                                           | 1,151      | 35       | 3       |
| Maintenance and repair workers, general                                         | 309        | 8        | 2.6     |
| Carpet, floor, and tile installers and finishers                                | 271        | 7        | 2.6     |
| Cement masons, concrete finishers, and terrazzo workers                         | 120        | 3        | 2.5     |
| Logging workers                                                                 | 79         | 2        | 2.5     |
| First-line supervisors/managers of construction trades and extraction workers   | 897        | 22       | 2.4     |
| Industrial and refractory machinery mechanics                                   | 460        | 11       | 2.4     |
| Aircraft mechanics and service technicians                                      | 128        | 3        | 2.3     |
| Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers | 86         | 2        | 2.3     |
| Electricians                                                                    | 774        | 16       | 2.1     |
| Drywall installers, ceiling tile installers, and tapers                         | 205        | 4        | 1.9     |
| Plasterers and stucco masons                                                    | 53         | 1        | 1.9     |
| Stationary engineers and boiler operators                                       | 113        | 2        | 1.8     |
| Carpenters                                                                      | 1,595      | 26       | 1.6     |
| Automobile service technicians and mechanics                                    | 884        | 12       | 1.4     |
| Operating engineers and other construction equipment operators                  | 376        | 5        | 1.3     |
| Roofers                                                                         | 233        | 3        | 1.3     |
| Dredge, excavating, and loading machine operators                               | 88         | 1        | 1.1     |
| Pipelayers, plumbers, pipefitters, and steamfitters                             | 595        | 6        | 1       |
| Heavy vehicle and mobile equipment service technicians and mechanics            | 200        | 2        | 1       |

| Occupation                                                            | Employed   | Employed | Percent |
|-----------------------------------------------------------------------|------------|----------|---------|
|                                                                       | Both Sexes | Female   | Female  |
| Bus and truck mechanics and diesel engine specialists                 | 339        | 3        | 0.9     |
| Brickmasons, blockmasons, and stonemasons                             | 218        | 2        | 0.9     |
| Electrical power-line installers and repairers                        | 111        | 1        | 0.9     |
| Heating, air conditioning, and refrigeration mechanics and installers | 350        | 2        | 0.6     |
| Structural iron and steel workers                                     | 71         | 0        | 0       |
| Small engine mechanics                                                | 54         | --       | --      |

<sup>1</sup>Nontraditional 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 2003, Current Population Survey.

Women's Bureau  
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