

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
Total, 16 years and over	63,582	63,737	63,586	62,042	60,771	59,873	58,501	57,523	56,610	54,910
Managerial and professional specialty occupations	21,445	21,145	20,569	20,021	19,070	18,437	17,754	16,940	16,264	15,419
Executive, administrative, and managerial occupations	9,446	9,449	9,054	8,840	8,469	8,170	7,767	7,346	7,014	6,441
Chief execs. and general administrators, public admin.	11	10	13	15	10	9	12	12	10	7
Officials and administrators, public administration	379	377	348	335	305	300	303	308	276	262
Administrators, protective service	14	17	17	14	15	13	17	19	14	9
Financial managers	405	397	396	384	376	339	335	305	299	243
Personnel and labor relations managers	145	155	141	118	107	68	63	73	69	58
Purchasing managers	61	63	51	66	54	47	55	56	48	38
Managers, marketing, advertising, and public relations	282	307	286	278	297	246	248	237	194	154
Administrators, education and related fields	548	539	572	513	468	449	380	412	435	378
Managers, medicine and health	649	610	592	554	574	539	537	521	489	315
Postmasters and mail superintendents	25	23	33	27	22	21	27	34	33	25
Managers, food serving and lodging establishments (1992 forward)	694	693	686	687	638	631	635	550	570	524
Managers, properties and real estate	309	295	285	285	270	264	254	260	242	219
Funeral directors	14	15	11	9	4	5	6	6	8	9
Managers, service organizations, n.e.c. (1992 forward)	400	405	362	388	357	344	338	322	282	265
Managers and administrators, n.e.c.	2,495	2,503	2,441	2,349	2,287	2,237	2,074	1,904	1,753	1,739
Management-related occupations	3,015	3,041	2,822	2,819	2,685	2,656	2,481	2,327	2,291	2,194
Accountants and auditors	1,010	986	917	972	941	921	862	795	769	687
Underwriters and other financial officers (through 1989)	—	—	—	—	—	—	—	—	—	—
Underwriters (1990 forward)	68	83	76	90	83	72	66	70	60	79
Other financial officers (1990 forward)	440	441	434	417	401	384	387	366	346	340
Management analysts	230	210	165	186	182	163	135	100	97	84
Personnel, training, and labor relations specialists	468	482	421	371	329	331	273	261	257	257
Purchasing agents and buyers, farm products	2	2	2	2	2	1	1	0	2	0
Buyers, wholesale and retail trade, except farm products	126	134	117	105	108	121	119	130	128	110
Purchasing agents and buyers, n.e.c.	126	141	152	153	133	150	139	138	108	127
Business and promotion agents	19	14	18	15	19	18	21	14	13	9
Construction inspectors	4	4	7	7	5	5	5	4	5	3
Inspectors and compliance officers, except construction	90	100	103	85	85	71	81	75	62	55
Management-related occupations, n.e.c.	432	443	412	415	395	418	392	373	446	443
Professional specialty occupations	11,999	11,696	11,514	11,181	10,602	10,267	9,987	9,593	9,250	8,978
Engineers, architects, and surveyors	261	269	261	253	257	227	197	198	181	174
Architects	40	51	51	30	28	30	27	32	24	23
Engineers	219	217	210	221	228	195	167	163	155	150

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WOMEN Occupation	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983
Total, 16 years and over	54,052	53,496	53,689	53,027	51,696	50,334	48,706	47,259	45,915	44,047
Managerial and professional specialty occupations	14,698	14,311	14,001	13,746	13,050	12,286	11,525	11,049	10,329	9,659
Executive, administrative, and managerial occupations	6,110	6,046	5,931	5,904	5,590	5,053	4,653	4,351	3,889	3,490
Chief execs. and general administrators, public admin.	10	11	6	10	12	9	9	9	8	5
Officials and administrators, public administration	236	234	212	228	210	198	196	188	171	160
Administrators, protective service	10	10	11	8	10	8	9	7	7	8
Financial managers	238	214	217	202	213	202	157	141	130	138
Personnel and labor relations managers	61	72	67	67	64	68	55	49	51	47
Purchasing managers	37	37	35	28	24	28	29	24	19	19
Managers, marketing, advertising, and public relations	173	156	162	159	154	122	109	100	84	86
Administrators, education and related fields	341	296	300	312	275	250	239	231	192	172
Managers, medicine and health	237	128	116	127	100	92	79	63	59	52
Postmasters and mail superintendents	22	17	14	15	16	17	21	15	14	14
Managers, food serving and lodging establishments (1992 forward)	473	—	—	—	—	—	—	—	—	—
Managers, properties and real estate	197	205	196	196	194	174	160	140	136	131
Funeral directors	8	6	6	4	5	4	4	4	5	5
Managers, service organizations, n.e.c. (1992 forward)	229	—	—	—	—	—	—	—	—	—
Managers and administrators, n.e.c.	1,773	2,647	2,642	2,576	2,405	2,151	1,988	1,864	1,630	1,456
Management-related occupations	2,067	2,011	1,947	1,971	1,909	1,731	1,597	1,517	1,383	1,196
Accountants and auditors	703	749	734	688	659	574	564	557	505	427
Underwriters and other financial officers (through 1989)	—	—	—	398	375	359	309	298	281	225
Underwriters (1990 forward)	61	59	64	—	—	—	—	—	—	—
Other financial officers (1990 forward)	308	325	314	—	—	—	—	—	—	—
Management analysts	75	68	67	60	66	56	59	46	36	39
Personnel, training, and labor relations specialists	260	258	244	254	230	220	192	194	184	170
Purchasing agents and buyers, farm products	0	2	0	0	0	0	1	2	2	1
Buyers, wholesale and retail trade, except farm products	105	114	111	105	117	114	113	101	86	90
Purchasing agents and buyers, n.e.c.	101	113	112	108	103	114	92	83	83	75
Business and promotion agents	17	10	11	10	11	9	13	12	24	21
Construction inspectors	2	3	4	3	3	2	3	3	2	4
Inspectors and compliance officers, except construction	56	51	53	55	52	43	39	38	37	35
Management-related occupations, n.e.c.	375	260	234	290	292	239	212	183	143	109
Professional specialty occupations	8,588	8,265	8,071	7,842	7,460	7,232	6,872	6,699	6,440	6,169
Engineers, architects, and surveyors	172	175	177	171	153	138	119	128	113	104
Architects	21	22	26	32	21	17	13	15	12	13
Engineers	149	153	149	138	132	120	105	113	101	91

**Employed persons by detailed occupation and sex,
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WOMEN Occupation	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
Aerospace engineers	7	7	7	9	7	4	4	4	11	6
Metallurgical and materials engineers	3	2	2	2	5	3	3	2	1	3
Mining engineers	—	—	—	1	1	0	1	—	—	0
Petroleum engineers	2	1	2	1	2	1	0	1	1	1
Chemical engineers	13	9	9	13	11	16	14	9	4	6
Nuclear engineers	—	0	1	1	0	1	1	1	1	1
Civil engineers	29	31	28	27	36	19	17	17	20	21
Agricultural engineers	—	—	0	0	—	0	—	—	—	0
Electrical and electronic engineers	70	72	73	65	57	60	48	53	37	41
Industrial engineers	40	45	38	44	48	42	34	37	36	33
Mechanical engineers	21	21	22	24	23	21	24	15	18	16
Marine engineers and naval architects	2	—	—	—	0	0	1	0	—	0
Engineers, n.e.c.	32	28	28	34	38	27	19	24	26	23
Surveyors and mapping scientists	2	1	0	1	1	2	4	3	1	1
Mathematical and computer scientists	625	637	663	575	505	454	412	382	399	340
Computer systems analysts and scientists	484	500	534	442	396	354	307	275	287	230
Operations and systems researchers and analysts	116	110	103	112	89	82	89	85	92	93
Actuaries	8	9	7	8	9	6	6	5	6	5
Statisticians	15	16	16	13	10	10	9	14	12	12
Mathematical scientists, n.e.c.	1	1	2	—	1	3	1	3	2	0
Natural scientists	192	200	193	174	161	164	157	142	166	161
Physicists and astronomers	1	2	3	4	3	4	2	4	3	3
Chemists, except biochemists	39	50	47	37	44	37	43	45	53	38
Atmospheric and space scientists	0	2	3	1	3	4	3	2	2	1
Geologists and geodesists	9	12	6	3	7	11	8	9	8	8
Physical scientists, n.e.c.	18	15	17	21	11	9	7	11	10	12
Agricultural and food scientists	18	7	15	11	9	11	9	9	13	9
Biological and life scientists	52	57	53	48	40	47	45	35	44	47
Forestry and conservation scientists	1	5	6	3	6	6	4	2	3	6
Medical scientists	54	49	43	45	38	36	36	25	29	38
Health diagnosing occupations	344	320	290	258	285	259	245	229	200	187
Physicians	253	227	208	177	197	190	176	169	140	133
Dentists	35	33	32	29	31	24	19	21	20	16
Veterinarians	16	23	17	14	19	16	18	18	21	19
Optometrists	11	10	9	11	14	8	13	8	7	7
Podiatrists	3	4	3	3	3	1	1	1	1	1
Health diagnosing practitioners, n.e.c.	26	23	21	24	22	20	17	12	10	11

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WOMEN Occupation	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983
Aerospace engineers	6	9	8	4	7	8	7	4	3	6
Metallurgical and materials engineers	2	1	2	1	1	2	2	1	2	1
Mining engineers	0	0	0	1	0	0	1	0	0	0
Petroleum engineers	1	1	3	2	0	1	2	1	1	3
Chemical engineers	4	8	8	10	8	7	5	6	5	4
Nuclear engineers	1	1	1	1	0	0	0	0	1	0
Civil engineers	17	13	12	14	13	9	6	10	14	8
Agricultural engineers	0	0	0	0	0	0	0	0	1	0
Electrical and electronic engineers	45	49	51	48	45	39	38	45	35	28
Industrial engineers	29	27	24	23	28	30	22	19	18	23
Mechanical engineers	16	15	17	15	11	12	10	10	13	7
Marine engineers and naval architects	0	0	0	0	1	0	0	1	0	0
Engineers, n.e.c.	29	30	24	19	16	13	12	14	10	9
Surveyors and mapping scientists	1	0	1	0	1	1	1	0	0	1
Mathematical and computer scientists	314	341	318	304	244	233	228	178	154	137
Computer systems analysts and scientists	205	228	210	184	141	144	133	101	93	77
Operations and systems researchers and analysts	87	87	88	98	83	74	77	57	44	44
Actuaries	8	9	7	7	3	4	4	3	4	4
Statisticians	11	14	12	13	15	10	14	16	11	11
Mathematical scientists, n.e.c.	1	3	1	2	2	1	1	1	2	1
Natural scientists	125	115	105	111	95	94	86	78	72	73
Physicists and astronomers	3	2	2	2	2	2	2	2	2	3
Chemists, except biochemists	36	38	34	34	29	26	28	23	24	23
Atmospheric and space scientists	0	2	1	2	0	2	2	1	1	0
Geologists and geodesists	6	6	8	8	6	6	7	9	8	12
Physical scientists, n.e.c.	9	6	7	5	2	4	3	3	3	1
Agricultural and food scientists	6	5	5	8	5	8	6	6	4	4
Biological and life scientists	33	37	30	26	30	27	25	21	18	22
Forestry and conservation scientists	5	2	3	5	4	3	3	3	1	1
Medical scientists	27	17	15	21	16	15	11	10	11	8
Health diagnosing occupations	167	153	155	141	149	131	109	108	104	98
Physicians	126	115	111	98	108	100	86	85	83	82
Dentists	14	15	15	15	14	14	6	9	8	8
Veterinarians	11	11	14	9	13	9	7	6	7	5
Optometrists	7	2	3	4	5	4	4	3	2	2
Podiatrists	0	1	2	4	2	1	1	1	1	1
Health diagnosing practitioners, n.e.c.	11	9	11	12	6	3	4	4	3	1

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WOMEN Occupation	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
Health assessment and treating occupations	2,822	2,675	2,578	2,588	2,470	2,495	2,409	2,369	2,333	2,243
Registered nurses	2,147	2,047	1,988	1,978	1,879	1,930	1,853	1,841	1,835	1,749
Pharmacists	120	105	100	106	79	92	78	62	70	72
Dietitians	66	87	88	77	78	89	95	88	79	87
Therapists	436	386	360	392	398	343	347	350	320	311
Respiratory (inhalation) therapists	57	54	49	55	63	50	56	56	57	54
Occupational therapists	70	59	51	61	59	49	55	47	44	39
Physical therapists	117	104	89	105	97	70	73	91	70	83
Speech therapists	111	103	95	92	97	97	91	84	87	75
Therapists, n.e.c.	81	66	75	79	81	77	73	72	62	59
Physicians' assistants	53	50	42	35	36	41	35	29	29	24
Teachers, postsecondary (college and university)	433	439	426	414	389	371	387	382	356	329
Earth, environmental, and marine science teachers	2	3	3	0	1	3	0	1	1	1
Biological science teachers	10	12	15	17	13	11	10	14	10	12
Chemistry teachers	4	6	7	6	5	2	3	6	4	5
Physics teachers	1	2	5	4	2	2	1	2	0	1
Natural science teachers, n.e.c.	1	1	1	—	0	0	1	0	—	0
Psychology teachers	11	8	13	13	19	11	7	16	9	10
Economics teachers	2	3	1	3	5	3	3	3	3	6
History teachers	3	5	6	4	6	8	5	4	2	4
Political science teachers	2	2	3	1	2	1	2	2	2	2
Sociology teachers	4	3	6	4	4	3	2	3	6	5
Social science teachers, n.e.c.	4	3	1	1	4	2	1	4	6	3
Engineering teachers	4	4	4	5	8	6	9	6	4	5
Mathematical science teachers	21	16	17	17	21	17	13	16	16	18
Computer science teachers	7	10	6	6	9	5	5	11	8	8
Medical science teachers	8	6	5	5	3	4	7	3	1	3
Health specialties teachers	33	39	34	32	26	39	37	34	31	28
Business, commerce, and marketing teachers	10	9	8	8	9	13	14	13	8	10
Agriculture and forestry teachers	1	1	2	1	0	3	0	0	1	1
Art, drama, and music teachers	19	20	16	18	21	14	17	16	16	19
Physical education teachers	5	4	5	4	5	5	2	1	6	4
Education teachers	8	9	8	7	3	7	9	6	9	8
English teachers	36	33	39	39	43	45	41	41	41	34
Foreign language teachers	15	17	15	18	14	13	13	20	15	14
Law teachers	2	5	4	5	3	3	4	2	2	3
Social work teachers	2	1	1	2	1	0	1	2	1	2

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Health assessment and treating occupations	2,177	2,040	1,992	1,902	1,829	1,853	1,728	1,717	1,668	1,629
Registered nurses	1,695	1,615	1,575	1,507	1,475	1,511	1,403	1,376	1,345	1,315
Pharmacists	75	69	64	56	54	48	51	51	46	42
Dietitians	80	66	79	75	64	57	68	76	67	65
Therapists	302	265	248	247	218	218	191	196	193	188
Respiratory (inhalation) therapists	52	43	38	33	35	38	44	45	46	48
Occupational therapists	42	30	35	42	28	28	24	24	20	25
Physical therapists	80	79	68	69	61	56	40	44	52	42
Speech therapists	72	63	55	56	59	67	56	55	46	46
Therapists, n.e.c.	56	50	52	47	35	30	28	29	28	28
Physicians' assistants	25	25	26	17	19	21	15	19	16	18
Teachers, postsecondary (college and university)	302	315	288	275	270	245	230	226	227	220
Earth, environmental, and marine science teachers	2	1	1	1	1	1	1	0	2	2
Biological science teachers	7	12	9	7	6	4	5	6	6	7
Chemistry teachers	8	5	3	2	3	4	3	4	2	4
Physics teachers	1	1	0	0	1	0	1	0	1	1
Natural science teachers, n.e.c.	0	1	0	0	0	0	0	0	0	0
Psychology teachers	7	10	5	6	7	7	5	6	6	6
Economics teachers	5	4	5	3	3	5	5	2	1	4
History teachers	5	5	4	1	2	6	4	3	3	2
Political science teachers	3	3	2	3	1	3	0	1	2	1
Sociology teachers	3	4	3	2	3	4	3	2	2	2
Social science teachers, n.e.c.	1	1	1	1	0	2	2	2	2	2
Engineering teachers	3	2	2	3	2	2	2	3	4	3
Mathematical science teachers	16	18	15	17	13	11	12	14	13	12
Computer science teachers	5	6	4	6	5	2	6	6	3	2
Medical science teachers	1	2	4	4	3	2	3	4	2	3
Health specialties teachers	31	29	22	24	29	27	27	30	35	34
Business, commerce, and marketing teachers	9	10	13	11	14	9	10	6	9	10
Agriculture and forestry teachers	1	1	0	0	0	0	0	0	1	1
Art, drama, and music teachers	16	16	17	21	23	17	17	15	18	20
Physical education teachers	5	5	4	5	8	6	3	6	5	5
Education teachers	3	6	5	5	6	4	3	4	2	2
English teachers	31	38	33	32	31	31	28	24	23	26
Foreign language teachers	16	18	14	13	12	10	9	12	12	14
Law teachers	3	0	1	3	2	2	3	1	1	1
Social work teachers	1	3	3	1	1	2	1	1	1	2

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Theology teachers	3	1	5	8	3	1	4	2	5	4
Trade and industrial teachers	0	2	1	1	0	1	3	2	1	2
Home economics teachers	—	0	0	0	1	0	0	1	1	1
Teachers, postsecondary, n.e.c.	2	3	7	2	2	4	4	1	3	1
Postsecondary teachers, subject not specified	211	212	191	185	156	146	168	150	138	115
Teachers, except postsecondary (college and university)	4,242	4,125	4,068	3,952	3,737	3,632	3,517	3,365	3,244	3,294
Teachers, prekindergarten and kindergarten	632	643	620	591	573	561	533	489	486	492
Teachers, elementary school	1,942	1,836	1,827	1,736	1,639	1,571	1,538	1,461	1,398	1,425
Teachers, secondary school	749	775	773	772	697	685	686	702	665	708
Teachers, special education	320	310	301	311	312	318	288	262	258	238
Teachers, n.e.c.	599	560	548	542	516	497	472	451	437	431
Counselors, educational and vocational	209	184	182	169	158	164	192	162	161	152
Librarians, archivists, and curators	182	197	224	219	191	167	161	176	178	185
Librarians	169	174	200	197	173	151	149	163	165	171
Archivists and curators	13	22	24	22	17	16	12	12	14	14
Social scientists and urban planners	272	262	267	269	235	242	249	246	236	227
Economists	68	70	75	72	64	71	81	75	50	56
Psychologists	182	165	172	172	144	152	150	154	164	153
Sociologists	0	1	0	1	1	2	2	3	1	1
Social scientists, n.e.c.	15	18	14	19	21	13	12	12	12	13
Urban planners	7	8	5	4	5	5	4	3	8	3
Social, recreation, and religious workers	891	820	851	809	732	743	716	685	622	557
Social workers	628	570	606	581	512	541	511	494	462	406
Recreation workers	96	90	89	85	99	90	78	82	74	68
Clergy	55	54	52	50	39	48	44	39	41	40
Religious workers, n.e.c.	112	105	104	94	82	65	83	69	44	44
Lawyers and judges	282	285	278	279	272	247	264	242	213	186
Lawyers	272	273	264	266	260	235	260	236	202	178
Judges	11	12	15	13	12	11	5	7	12	7
Writers, artists, entertainers, and athletes	1,245	1,283	1,231	1,223	1,210	1,102	1,081	1,015	961	943
Authors	76	70	76	82	71	73	62	64	60	79
Technical writers	42	49	45	43	42	31	25	29	42	33
Designers	434	453	426	406	401	385	347	320	303	283
Musicians and composers	59	65	55	61	73	57	60	60	52	57
Actors and directors	59	57	57	50	50	52	56	44	35	37
Painters, sculptors, craft artists, and artist printmakers	108	113	112	138	130	115	118	117	114	106
Photographers	59	61	48	57	59	38	40	37	42	35

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WOMEN Occupation	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983
Theology teachers	3	2	3	3	3	3	3	3	4	1
Trade and industrial teachers	1	1	1	1	1	0	1	0	1	3
Home economics teachers	1	1	1	3	1	1	0	2	4	3
Teachers, postsecondary, n.e.c.	1	2	2	2	1	2	3	2	2	3
Postsecondary teachers, subject not specified	109	108	110	97	86	80	71	65	57	43
Teachers, except postsecondary (college and university)	3,140	2,977	2,924	2,884	2,751	2,642	2,613	2,573	2,481	2,386
Teachers, prekindergarten and kindergarten	477	441	450	421	386	383	353	325	327	294
Teachers, elementary school	1,394	1,299	1,274	1,262	1,207	1,134	1,141	1,142	1,118	1,125
Teachers, secondary school	647	663	636	641	608	636	655	635	616	627
Teachers, special education	226	235	228	217	209	181	188	175	155	67
Teachers, n.e.c.	400	338	336	343	342	308	274	296	266	274
Counselors, educational and vocational	154	142	133	129	127	114	93	99	104	98
Librarians, archivists, and curators	172	171	170	177	180	179	176	182	187	180
Librarians	158	160	159	165	167	167	167	175	180	168
Archivists and curators	14	11	11	12	13	12	9	7	6	12
Social scientists and urban planners	208	205	187	182	163	154	143	122	130	122
Economists	53	53	50	51	41	46	44	35	43	37
Psychologists	138	138	122	113	110	93	87	76	75	77
Sociologists	0	1	1	1	1	1	1	0	0	1
Social scientists, n.e.c.	13	11	8	9	7	8	7	6	8	5
Urban planners	3	3	5	7	5	6	5	4	3	2
Social, recreation, and religious workers	541	573	546	509	485	457	427	398	376	358
Social workers	408	411	385	359	354	332	312	292	274	262
Recreation workers	68	82	71	75	59	56	51	51	45	46
Clergy	26	31	31	26	31	22	20	17	18	16
Religious workers, n.e.c.	39	50	59	49	41	47	43	37	38	34
Lawyers and judges	167	145	157	173	147	139	118	122	110	103
Lawyers	161	141	150	165	139	132	111	116	104	93
Judges	7	5	7	8	8	8	7	6	6	9
Writers, artists, entertainers, and athletes	949	913	919	885	866	853	801	768	715	660
Authors	67	48	50	49	46	43	40	33	35	29
Technical writers	29	31	31	31	28	23	17	17	21	18
Designers	295	280	283	275	272	276	240	248	233	207
Musicians and composers	55	48	51	53	45	53	52	46	44	44
Actors and directors	39	29	35	33	37	32	33	29	21	18
Painters, sculptors, craft artists, and artist printmakers	111	114	110	116	110	103	96	100	101	88
Photographers	34	31	34	34	36	39	41	35	25	23

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
Dancers	22	19	28	23	30	23	28	28	23	17
Artists, performers, and related workers, n.e.c.	73	89	73	62	70	64	59	55	42	48
Editors and reporters	136	163	162	144	140	132	156	145	130	129
Public relations specialists	144	107	126	116	113	97	93	82	89	93
Announcers	9	6	6	11	10	9	11	13	10	7
Athletes	25	31	18	31	22	25	26	22	18	19
Technical, sales, and administrative support occupations	24,680	25,160	25,388	24,842	24,728	24,549	24,194	24,107	23,984	23,641
Technicians and related support occupations	2,441	2,421	2,293	2,261	2,285	2,186	2,061	2,009	2,013	2,039
Health technologists and technicians	1,531	1,489	1,402	1,380	1,414	1,357	1,293	1,314	1,298	1,237
Clinical laboratory technologists and technicians	294	284	260	266	282	295	275	268	263	242
Dental hygienists	131	108	110	105	111	105	93	94	97	75
Health record technologists and technicians	19	17	15	17	17	17	16	15	29	57
Radiologic technicians	135	118	112	124	118	103	94	114	114	103
Licensed practical nurses	362	361	354	339	365	384	377	380	378	401
Health technologists and technicians, n.e.c.	590	601	550	529	521	453	438	442	417	360
Engineering and related technologists and technicians	204	215	207	185	202	178	183	157	179	156
Electrical and electronic technicians	83	90	81	63	73	56	46	37	48	46
Industrial engineering technicians	3	3	2	0	3	2	1	0	2	0
Mechanical engineering technicians	0	1	1	4	1	2	1	3	4	1
Engineering technicians, n.e.c.	58	66	66	68	71	74	77	65	73	60
Drafting occupations	53	45	51	43	44	37	49	42	47	45
Surveying and mapping technicians	6	9	6	7	9	8	9	8	5	4
Science technicians	138	134	114	119	123	113	92	98	98	99
Biological technicians	78	79	65	68	74	61	46	48	47	51
Chemical technicians	21	18	15	23	16	19	21	18	20	19
Science technicians, n.e.c.	38	37	33	29	34	33	25	32	31	29
Technicians, except health, engineering, and science	569	583	569	576	545	538	494	441	439	546
Airplane pilots and navigators	5	4	5	4	4	1	2	4	3	4
Air traffic controllers	3	3	3	5	6	2	7	3	4	5
Broadcast equipment operators	9	8	2	4	10	11	10	6	9	8
Computer programmers	155	180	189	175	174	188	173	163	161	184
Tool programmers, numerical control	1	—	—	—	0	0	0	0	0	1
Legal assistants	330	335	330	338	303	290	255	228	209	203
Technicians, n.e.c.	66	53	41	49	49	46	47	37	53	141
Sales occupations	7,969	8,021	8,175	8,069	7,975	7,894	7,622	7,485	7,273	6,924
Supervisors and proprietors	1,912	2,015	2,008	2,005	1,890	1,780	1,689	1,741	1,667	1,463

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983
Dancers	19	17	11	12	14	10	11	10	9	9
Artists, performers, and related workers, n.e.c.	49	42	43	44	36	36	37	35	29	30
Editors and reporters	131	143	145	125	133	135	127	119	101	98
Public relations specialists	94	97	95	91	89	80	81	70	75	78
Announcers	9	13	10	7	8	8	11	13	12	7
Athletes	18	19	20	14	12	15	14	13	11	10
Technical, sales, and administrative support occupations	23,669	23,466	23,859	23,440	23,038	22,704	22,223	21,507	20,920	20,187
Technicians and related support occupations	2,092	1,877	1,893	1,759	1,688	1,624	1,581	1,537	1,527	1,471
Health technologists and technicians	1,241	1,142	1,086	1,051	1,013	962	945	929	927	937
Clinical laboratory technologists and technicians	235	241	226	229	207	204	218	223	212	194
Dental hygienists	73	83	86	80	76	72	59	56	62	65
Health record technologists and technicians	51	63	65	66	51	51	45	48	36	42
Radiologic technicians	108	104	93	94	101	90	76	89	74	72
Licensed practical nurses	428	421	425	397	406	393	407	390	400	430
Health technologists and technicians, n.e.c.	348	231	190	185	172	151	141	124	143	134
Engineering and related technologists and technicians	162	176	196	180	175	153	166	163	157	151
Electrical and electronic technicians	40	48	55	46	46	44	41	40	38	32
Industrial engineering technicians	1	3	2	2	2	1	2	1	3	3
Mechanical engineering technicians	2	2	2	3	0	2	0	2	0	1
Engineering technicians, n.e.c.	64	70	79	60	70	57	59	63	62	62
Drafting occupations	49	46	54	61	47	45	55	52	47	48
Surveying and mapping technicians	6	7	4	8	10	5	8	6	7	5
Science technicians	87	72	77	64	67	64	58	70	71	59
Biological technicians	41	25	28	22	23	25	20	23	26	20
Chemical technicians	21	23	24	16	22	18	19	22	19	22
Science technicians, n.e.c.	26	25	25	26	22	21	20	25	26	17
Technicians, except health, engineering, and science	601	487	534	464	433	444	412	374	372	324
Airplane pilots and navigators	2	3	6	4	3	2	1	2	2	1
Air traffic controllers	4	11	12	8	5	8	7	5	4	7
Broadcast equipment operators	7	4	8	6	3	5	4	6	9	11
Computer programmers	183	187	216	198	183	193	187	183	179	144
Tool programmers, numerical control	0	1	0	0	0	0	0	0	0	1
Legal assistants	185	183	180	159	155	150	137	112	101	95
Technicians, n.e.c.	220	98	111	90	84	86	76	65	76	65
Sales occupations	6,728	6,872	7,038	6,941	6,722	6,465	6,383	6,088	6,032	5,617
Supervisors and proprietors	1,348	1,282	1,326	1,332	1,224	1,136	1,066	1,033	955	839

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
Sales representatives, finance and business services	1,318	1,299	1,317	1,201	1,165	1,149	1,084	1,010	944	935
Insurance sales occupations	275	282	247	258	246	254	253	209	211	193
Real estate sales occupations	462	426	433	410	397	390	363	364	343	361
Securities and financial services sales occupations	162	170	190	154	139	134	123	124	117	99
Advertising and related sales occupations	112	100	103	106	109	98	97	80	76	82
Sales occupations, other business services	307	320	345	274	274	272	249	234	198	199
Sales reps, commodities, except retail	393	361	438	408	411	375	391	324	343	322
Sales engineers (1992 forward)	2	2	2	3	4	2	2	2	4	0
Sales reps, mining, manufacturing, wholesale (1992 forward)	391	359	436	405	408	372	389	322	340	322
Sales workers, retail and personal services	4,270	4,281	4,337	4,391	4,440	4,523	4,392	4,336	4,254	4,147
Sales workers, motor vehicles and boats	40	33	37	34	34	33	28	28	18	22
Sales workers, apparel	303	297	320	320	359	345	363	363	357	386
Sales workers, shoes	51	51	64	69	70	64	64	76	74	62
Sales workers, furniture and home furnishings	92	81	95	94	75	79	80	77	79	77
Sales workers, radio, television, hi-fi, and appliances	84	81	69	82	72	77	68	63	57	56
Sales workers, hardware and building supplies	69	79	73	72	63	58	55	56	50	55
Sales workers, parts	13	20	17	17	18	15	18	14	15	11
Sales workers, other commodities	972	933	955	940	967	1,014	1,026	1,051	977	1,011
Sales counter clerks	109	124	127	125	139	156	134	138	137	128
Cashiers	2,256	2,323	2,293	2,321	2,367	2,356	2,230	2,160	2,190	2,075
Street and door-to-door sales workers	243	212	238	269	240	271	271	269	249	223
News vendors	38	47	50	46	37	55	55	43	51	43
Sales-related occupations	76	65	75	64	68	67	66	75	65	57
Demonstrators, promoters, and models, sales	56	56	53	46	56	52	47	60	52	42
Auctioneers	1	1	3	-	1	1	1	0	-	1
Sales support occupations, n.e.c.	19	8	19	18	11	14	17	14	13	14
Administrative support occupations, including clerical	14,270	14,719	14,920	14,512	14,469	14,469	14,511	14,613	14,697	14,679
Supervisors, administrative support occupations	434	487	432	388	419	410	404	427	450	453
Supervisors, general office	279	310	290	243	274	266	256	293	309	319
Supervisors, computer equipment operators	5	5	3	3	7	8	9	7	7	11
Supervisors, financial records processing	87	95	60	67	72	74	72	67	78	70
Chief communications operators	4	2	4	3	1	3	4	5	2	2
Supervisors, distribution, scheduling, and adjusting clerks	58	74	74	72	65	57	63	56	54	51
Computer equipment operators	145	175	158	203	205	229	243	297	334	376
Computer operators	141	173	157	201	203	225	240	294	331	372
Peripheral equipment operators	4	3	1	2	2	5	3	3	4	4

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983
Sales representatives, finance and business services	894	984	1,040	1,032	992	935	935	860	764	689
Insurance sales occupations	181	182	197	157	162	149	161	150	140	138
Real estate sales occupations	358	363	382	394	384	379	373	340	302	279
Securities and financial services sales occupations	95	90	70	88	88	79	69	65	57	50
Advertising and related sales occupations	81	74	79	84	80	73	70	76	61	60
Sales occupations, other business services	177	275	313	309	277	256	262	229	204	162
Sales reps, commodities, except retail	342	358	359	329	298	264	276	264	246	217
Sales engineers (1992 forward)	3	—	—	—	—	—	—	—	—	—
Sales reps, mining, manufacturing, wholesale (1992 forward)	339	—	—	—	—	—	—	—	—	—
Sales workers, retail and personal services	4,084	4,198	4,267	4,196	4,165	4,089	4,065	3,890	4,033	3,839
Sales workers, motor vehicles and boats	19	17	27	20	24	28	20	21	23	15
Sales workers, apparel	401	386	380	376	384	375	376	384	365	375
Sales workers, shoes	68	66	64	68	67	78	68	63	80	76
Sales workers, furniture and home furnishings	66	71	74	73	82	82	81	82	77	70
Sales workers, radio, television, hi-fi, and appliances	46	55	57	60	65	62	52	48	43	38
Sales workers, hardware and building supplies	49	42	43	50	42	49	53	45	48	43
Sales workers, parts	12	16	14	13	15	13	17	19	15	16
Sales workers, other commodities	981	1,043	1,093	1,092	1,131	1,106	1,072	1,036	1,103	1,068
Sales counter clerks	132	136	138	135	140	128	122	101	93	98
Cashiers	2,043	2,065	2,069	2,024	1,922	1,897	1,914	1,806	1,838	1,696
Street and door-to-door sales workers	226	255	263	245	252	239	251	247	307	306
News vendors	39	46	46	41	41	32	40	39	39	39
Sales-related occupations	60	50	46	51	42	41	42	40	34	32
Demonstrators, promoters, and models, sales	43	37	36	38	32	33	33	29	23	20
Auctioneers	1	2	1	0	1	0	0	1	1	1
Sales support occupations, n.e.c.	16	11	9	12	9	8	8	10	11	11
Administrative support occupations, including clerical	14,849	14,717	14,928	14,740	14,628	14,614	14,260	13,882	13,361	13,100
Supervisors, administrative support occupations	430	453	448	428	443	411	431	380	342	361
Supervisors, general office	298	300	315	294	310	291	297	270	243	251
Supervisors, computer equipment operators	12	13	13	16	18	17	15	16	10	13
Supervisors, financial records processing	64	75	66	58	64	58	69	60	54	58
Chief communications operators	3	5	3	1	3	2	3	2	3	3
Supervisors, distribution, scheduling, and adjusting clerks	54	59	52	59	49	44	47	32	33	35
Computer equipment operators	426	499	540	563	574	603	589	518	464	387
Computer operators	423	495	535	559	571	601	585	515	462	380
Peripheral equipment operators	3	3	5	4	3	2	4	3	3	7

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
Secretaries, stenographers, and typists	2,947	3,081	3,299	3,383	3,515	3,613	3,783	4,015	4,081	4,106
Secretaries	2,271	2,425	2,626	2,741	2,868	2,989	3,119	3,312	3,358	3,547
Stenographers	139	149	148	111	99	99	99	85	100	88
Typists	536	507	526	531	547	524	564	618	622	471
Information clerks	1,827	1,783	1,839	1,892	1,748	1,763	1,714	1,648	1,551	1,505
Interviewers	139	135	168	145	135	145	146	151	129	120
Hotel clerks	92	90	100	95	100	90	79	74	73	78
Transportation ticket and reservation agents	172	190	209	212	210	214	222	218	189	185
Receptionists	1,036	1,018	992	1,041	960	970	930	906	898	883
Information clerks, n.e.c.	387	349	369	399	342	343	337	299	262	239
Records processing occupations, except financial	801	870	917	815	842	753	709	761	698	726
Classified-ad clerks	2	1	3	3	5	4	3	3	2	3
Correspondence clerks	9	4	7	6	9	6	3	12	10	10
Order clerks	216	241	236	196	185	171	162	186	152	166
Personnel clerks, except payroll and timekeeping	56	49	69	58	64	59	55	52	57	57
Library clerks	103	125	132	113	131	119	108	116	115	111
File clerks	234	271	274	273	279	250	240	254	221	234
Records clerks	180	180	197	166	169	145	139	138	141	143
Financial records processing occupations	2,024	2,048	2,104	1,982	2,039	2,024	2,071	2,083	2,082	2,038
Bookkeepers, accounting, and auditing clerks	1,475	1,516	1,600	1,545	1,604	1,602	1,631	1,648	1,681	1,637
Payroll and timekeeping clerks	159	169	162	129	131	144	151	146	142	153
Billing clerks	205	190	185	165	161	151	150	159	160	142
Cost and rate clerks	41	37	33	50	43	37	45	46	36	44
Billing, posting, and calculating machine operators	143	135	124	93	99	90	94	84	63	63
Duplicating, mail, and other office machine operators	32	30	30	36	45	46	48	42	24	31
Duplicating machine operators	18	19	17	19	23	24	19	22	9	13
Mail preparing and paper handling machine operators	1	3	3	4	11	6	6	5	1	3
Office machine operators, n.e.c.	13	8	10	14	11	15	23	15	12	14
Communications equipment operators	116	128	142	129	143	150	157	162	155	181
Telephone operators	102	117	133	119	136	144	148	156	146	173
Telegraphers (through 1991)	—	—	—	—	—	—	—	—	—	—
Communications equipment operators, n.e.c.	14	11	10	10	7	6	8	6	8	8
Mail and message distributing operators	360	377	406	417	374	371	371	400	382	361
Postal clerks, except mail carriers	136	149	167	159	150	145	145	136	138	134
Mail carriers, postal service	101	99	105	106	99	97	92	116	121	94
Mail clerks, except postal service	87	81	97	117	88	93	93	102	86	87
Messengers	37	47	38	35	36	37	42	46	38	46

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983
Secretaries, stenographers, and typists	4,253	4,362	4,586	4,708	4,786	4,911	4,852	4,888	4,765	4,776
Secretaries	3,665	3,753	3,920	3,976	3,993	4,068	3,981	3,993	3,869	3,854
Stenographers	67	41	49	38	39	46	42	53	50	56
Typists	526	568	617	695	755	797	828	842	846	866
Information clerks	1,479	1,369	1,358	1,301	1,308	1,234	1,189	1,132	1,112	1,043
Interviewers	118	141	167	154	140	137	156	145	156	162
Hotel clerks	81	74	66	65	66	65	56	52	53	44
Transportation ticket and reservation agents	186	71	74	74	67	71	78	71	58	63
Receptionists	876	858	833	792	823	747	702	662	645	583
Information clerks, n.e.c.	218	225	219	215	212	213	197	202	199	191
Records processing occupations, except financial	737	724	752	701	679	682	688	683	696	713
Classified-ad clerks	2	4	9	5	3	4	5	8	5	6
Correspondence clerks	8	11	14	21	13	15	14	11	14	12
Order clerks	168	183	161	160	152	145	153	156	146	147
Personnel clerks, except payroll and timekeeping	62	60	71	70	59	59	57	57	58	58
Library clerks	119	117	128	113	113	112	104	108	107	121
File clerks	242	245	255	233	226	232	263	235	246	240
Records clerks	137	105	116	98	114	114	92	108	119	130
Financial records processing occupations	2,114	2,170	2,211	2,180	2,197	2,245	2,246	2,262	2,207	2,196
Bookkeepers, accounting, and auditing clerks	1,665	1,746	1,758	1,767	1,814	1,851	1,843	1,864	1,833	1,792
Payroll and timekeeping clerks	155	154	178	160	156	151	153	154	149	158
Billing clerks	167	155	170	144	141	152	147	139	127	129
Cost and rate clerks	54	66	62	64	55	62	64	60	63	72
Billing, posting, and calculating machine operators	67	50	44	45	31	28	39	45	35	45
Duplicating, mail, and other office machine operators	39	44	45	41	42	44	48	45	50	43
Duplicating machine operators	21	20	22	14	11	14	11	15	14	10
Mail preparing and paper handling machine operators	4	5	3	6	8	9	12	5	6	4
Office machine operators, n.e.c.	14	20	19	21	23	21	26	26	30	28
Communications equipment operators	200	197	195	186	194	206	201	196	215	228
Telephone operators	194	191	186	181	188	201	193	191	209	221
Telegraphers (through 1991)	—	4	3	3	3	3	3	3	3	2
Communications equipment operators, n.e.c.	6	3	5	3	3	2	4	2	3	5
Mail and message distributing operators	340	351	351	348	340	334	311	273	253	252
Postal clerks, except mail carriers	117	135	134	137	149	139	130	107	93	91
Mail carriers, postal service	90	92	84	85	70	68	61	44	42	44
Mail clerks, except postal service	90	86	90	91	82	88	82	86	89	85
Messengers	41	38	42	35	39	39	37	37	29	32

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
Material recording, scheduling, and distribution clerks	916	948	969	892	878	864	857	848	785	820
Dispatchers	142	117	140	144	116	120	126	134	116	117
Production coordinators	132	135	134	125	145	142	114	122	112	98
Traffic, shipping, and receiving clerks	193	205	227	218	199	195	188	208	164	177
Stock and inventory clerks	204	211	208	192	194	187	220	208	202	213
Meter readers	7	7	6	4	5	7	9	5	6	10
Weighers, measurers, checkers, and samplers (1992 forward)	27	28	34	17	26	30	30	23	36	31
Weighers, measurers, and checkers (through 1991)	—	—	—	—	—	—	—	—	—	—
Samplers (through 1991)	—	—	—	—	—	—	—	—	—	—
Expeditors	204	233	208	180	185	170	152	131	129	154
Material recording, scheduling, and distribution clerks, n.e.c.	8	11	13	12	9	14	19	19	19	19
Adjusters and investigators	1,423	1,463	1,386	1,361	1,354	1,265	1,188	1,059	1,053	1,020
Insurance adjusters, examiners, and investigators	357	350	336	336	343	314	282	270	272	266
Investigators and adjusters, except insurance	846	891	842	815	793	735	692	608	588	574
Eligibility clerks, social welfare	75	82	85	87	80	98	100	73	88	73
Bill and account collectors	145	140	123	122	138	118	114	109	107	108
Miscellaneous administrative support occupations	3,247	3,330	3,238	3,015	2,907	2,982	2,966	2,871	3,102	3,063
General office clerks	702	765	730	593	597	660	616	566	559	606
Bank tellers	416	381	390	373	373	402	389	399	399	399
Proofreaders	10	15	14	12	15	16	18	18	20	23
Data-entry keyers	487	569	632	607	582	544	585	540	525	520
Statistical clerks	83	98	93	78	81	79	87	79	61	39
Teachers' aides	745	725	651	627	589	580	574	577	526	471
Administrative support occupations, n.e.c.	805	776	728	725	671	702	697	691	1,012	1,004
Service occupations	11,518	11,230	11,130	10,822	10,614	10,416	10,210	10,155	10,072	9,953
Private household occupations	706	705	764	791	801	758	764	784	787	883
Launderers and ironers	2	2	1	2	1	4	2	2	1	3
Cooks, private household	5	3	2	5	2	7	7	7	7	6
Housekeepers and butlers	7	22	11	7	12	9	14	12	20	21
Child care workers, private households	224	237	269	287	269	252	268	302	278	345
Private household cleaners and servants	469	441	481	491	517	486	472	461	479	509
Protective service occupations	516	509	456	460	431	411	375	356	376	373
Supervisors, protective service occupations	31	26	31	24	20	23	19	21	26	14
Supervisors, firefighting and fire prevention	0	1	1	0	0	0	0	1	1	0
Supervisors, police and detectives	20	11	17	17	13	19	13	13	13	10
Supervisors, guards	12	14	13	7	7	4	6	7	11	5

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983
Material recording, scheduling, and distribution clerks	806	763	773	702	646	681	648	665	619	586
Dispatchers	118	111	123	97	79	90	95	90	72	72
Production coordinators	96	94	97	91	89	90	81	88	94	80
Traffic, shipping, and receiving clerks	174	164	147	152	143	144	122	125	112	95
Stock and inventory clerks	220	249	260	231	216	226	221	225	203	206
Meter readers	8	7	6	9	7	7	4	3	5	4
Weighers, measurers, checkers, and samplers (1992 forward)	31	—	—	—	—	—	—	—	—	—
Weighers, measurers, and checkers (through 1991)	—	32	35	36	33	35	33	37	33	37
Samplers (through 1991)	—	1	0	1	1	0	0	0	0	0
Expeditors	140	86	85	65	60	66	68	70	72	64
Material recording, scheduling, and distribution clerks, n.e.c.	20	19	19	22	18	22	25	28	28	27
Adjusters and investigators	982	900	851	799	712	655	596	519	484	472
Insurance adjusters, examiners, and investigators	286	273	255	234	207	183	166	145	132	129
Investigators and adjusters, except insurance	522	434	415	413	359	327	284	259	227	211
Eligibility clerks, social welfare	68	82	79	61	59	59	63	51	64	62
Bill and account collectors	105	111	102	91	87	86	82	64	60	70
Miscellaneous administrative support occupations	3,038	2,886	2,817	2,784	2,705	2,607	2,463	2,320	2,154	2,043
General office clerks	605	623	637	664	677	666	596	556	537	523
Bank tellers	425	440	427	458	435	423	443	450	441	437
Proofreaders	17	18	25	31	24	20	17	25	20	18
Data-entry keyers	490	451	432	364	320	315	312	320	320	291
Statistical clerks	46	57	64	68	63	72	79	72	72	73
Teachers' aides	448	454	467	419	405	371	359	355	321	327
Administrative support occupations, n.e.c.	1,008	844	766	781	781	740	656	543	444	373
Service occupations	9,701	9,644	9,543	9,391	9,275	9,130	8,905	8,747	8,607	8,326
Private household occupations	854	766	763	836	875	900	942	968	955	942
Launderers and ironers	3	3	3	3	5	4	4	3	3	3
Cooks, private household	9	7	10	16	14	12	13	15	22	16
Housekeepers and butlers	26	30	45	30	33	39	33	35	39	38
Child care workers, private households	352	336	313	348	368	392	390	387	373	396
Private household cleaners and servants	464	390	392	440	455	453	502	527	518	490
Protective service occupations	354	318	293	305	279	271	221	227	217	215
Supervisors, protective service occupations	16	16	13	14	13	10	7	8	8	6
Supervisors, firefighting and fire prevention	0	0	0	0	0	0	0	0	0	0
Supervisors, police and detectives	9	9	7	5	8	6	4	3	4	2
Supervisors, guards	7	7	6	8	5	4	2	4	4	3

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
Firefighting and fire prevention occupations	11	10	9	7	6	8	5	7	4	8
Fire inspection and fire prevention occupations	2	4	2	3	1	1	1	1	—	1
Firefighting occupations	8	6	7	4	5	7	4	6	4	7
Police and detectives	197	189	176	187	173	165	151	128	151	149
Police and detectives, public service	91	82	68	87	69	68	73	54	70	62
Sheriffs, bailiffs, and other law enforcement officers	31	34	30	25	27	31	20	25	21	23
Correctional institution officers	75	73	78	74	76	65	58	49	59	64
Guards	276	283	240	243	232	215	200	200	195	202
Crossing guards	28	28	22	28	27	21	28	32	28	34
Guards and police, except public service	194	193	151	158	143	135	118	116	114	124
Protective service occupations, n.e.c.	54	62	67	57	61	60	54	52	53	43
Service occupations, except protective and private household	10,296	10,016	9,910	9,570	9,382	9,247	9,071	9,015	8,909	8,697
Food preparation and service occupations	3,691	3,602	3,676	3,516	3,432	3,409	3,343	3,381	3,452	3,369
Supervisors, food preparation and service	327	319	298	321	281	269	282	263	262	232
Bartenders	188	175	189	153	177	177	169	154	177	171
Waiters and waitresses	1,071	1,042	1,107	1,108	1,079	1,070	1,071	1,108	1,137	1,148
Cooks (1992 forward)	913	893	914	914	873	888	869	891	898	892
Cooks, except short order (through 1991)	—	—	—	—	—	—	—	—	—	—
Short-order cooks (through 1991)	—	—	—	—	—	—	—	—	—	—
Food counter, fountain, and related occupations	263	260	241	232	234	224	209	240	246	261
Kitchen workers, food preparation	231	219	227	206	185	202	183	198	195	199
Waiters'/waitresses' assistants	365	350	345	267	298	260	245	221	206	164
Miscellaneous food preparation occupations	332	345	354	314	304	320	315	306	330	302
Health service occupations	2,511	2,423	2,304	2,249	2,194	2,158	2,115	2,043	1,895	1,952
Dental assistants	219	216	212	205	225	223	210	208	182	179
Health aides, except nursing	275	304	295	272	266	259	268	264	260	248
Nursing aides, orderlies, and attendants	2,017	1,903	1,797	1,772	1,703	1,676	1,636	1,571	1,453	1,525
Cleaning and building service occupations	1,445	1,466	1,434	1,373	1,384	1,344	1,388	1,324	1,332	1,267
Supervisors, cleaning and building service workers	58	64	64	63	64	72	57	69	65	61
Maids and housemen (except private household)	584	600	539	548	541	515	559	527	567	551
Janitors and cleaners	800	796	826	759	777	756	769	724	696	650
Elevator operators	2	3	1	1	0	0	1	1	0	2
Pest control occupations	1	3	4	2	2	1	2	3	3	4
Personal service occupations	2,649	2,526	2,496	2,433	2,371	2,335	2,225	2,268	2,230	2,109
Supervisors, personal service occupations	99	81	76	96	95	101	92	90	88	79
Barbers	21	23	27	17	12	18	21	14	21	19

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983
Firefighting and fire prevention occupations	7	5	5	8	6	5	5	3	1	2
Fire inspection and fire prevention occupations	2	2	3	1	2	3	1	1	1	0
Firefighting occupations	4	3	2	7	4	2	4	1	0	2
Police and detectives	137	122	116	102	101	82	73	66	73	61
Police and detectives, public service	49	50	58	47	43	40	28	34	32	23
Sheriffs, bailiffs, and other law enforcement officers	23	21	15	14	19	15	12	7	11	12
Correctional institution officers	65	51	43	40	39	27	33	24	29	26
Guards	194	174	158	182	159	174	136	151	135	146
Crossing guards	31	27	22	32	34	35	31	33	27	35
Guards and police, except public service	113	110	100	105	91	99	80	89	84	78
Protective service occupations, n.e.c.	50	38	37	46	35	40	25	29	24	33
Service occupations, except protective and private household	8,493	8,560	8,488	8,250	8,121	7,960	7,742	7,552	7,435	7,170
Food preparation and service occupations	3,255	3,220	3,224	3,224	3,193	3,246	3,219	3,182	3,194	3,077
Supervisors, food preparation and service	229	230	233	249	222	201	205	190	173	152
Bartenders	159	156	171	163	161	163	157	156	167	164
Waiters and waitresses	1,105	1,120	1,139	1,122	1,126	1,176	1,193	1,149	1,191	1,191
Cooks (1992 forward)	872	—	—	—	—	—	—	—	—	—
Cooks, except short order (through 1991)	—	839	830	847	814	815	791	796	734	690
Short-order cooks (through 1991)	—	24	26	28	36	32	41	38	36	36
Food counter, fountain, and related occupations	236	240	243	258	254	279	267	265	291	248
Kitchen workers, food preparation	189	94	92	92	97	99	96	101	108	106
Waiters'/waitresses' assistants	139	149	143	141	135	123	130	140	140	141
Miscellaneous food preparation occupations	320	368	347	324	348	358	337	348	354	349
Health service occupations	1,882	1,944	1,892	1,838	1,765	1,682	1,639	1,582	1,577	1,551
Dental assistants	169	176	186	185	163	165	166	166	167	151
Health aides, except nursing	297	415	382	352	340	320	297	299	295	275
Nursing aides, orderlies, and attendants	1,418	1,353	1,324	1,302	1,261	1,197	1,175	1,117	1,116	1,126
Cleaning and building service occupations	1,243	1,338	1,385	1,279	1,276	1,203	1,187	1,131	1,094	1,062
Supervisors, cleaning and building service workers	63	68	55	59	60	55	49	54	48	48
Maids and housemen (except private household)	534	604	605	540	548	509	494	470	454	431
Janitors and cleaners	641	662	722	678	665	634	641	603	588	580
Elevator operators	1	1	1	1	2	2	2	2	3	2
Pest control occupations	2	3	2	1	2	2	1	2	2	1
Personal service occupations	2,113	2,058	1,987	1,908	1,887	1,828	1,698	1,657	1,569	1,480
Supervisors, personal service occupations	46	37	35	27	28	30	25	22	26	24
Barbers	18	19	17	14	17	16	15	14	19	12

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
Hairdressers and cosmetologists	815	773	759	712	693	676	671	690	683	686
Attendants, amusement and recreation facilities	108	100	99	98	93	72	76	73	78	65
Guides	21	23	17	16	20	21	22	29	26	22
Ushers	16	16	17	12	13	12	14	8	5	9
Public transportation attendants	103	110	104	93	107	95	77	77	84	84
Baggage porters and bellhops	4	7	4	3	6	5	3	5	6	4
Welfare service aides	94	89	87	82	80	82	84	79	69	60
Child care workers, except private household (through 1991)	—	—	—	—	—	—	—	—	—	—
Family child care providers (1992 forward)	454	453	449	459	472	504	472	476	423	301
Early childhood teachers assistants (1992 forward)	503	473	457	485	434	413	369	379	401	409
Child care workers, n.e.c. (1992 forward)	202	195	220	219	211	200	188	223	229	258
Personal service occupations, n.e.c.	209	182	180	142	135	136	135	125	117	112
Precision production, craft, and repair occupations	1,201	1,315	1,376	1,307	1,203	1,256	1,219	1,201	1,248	1,150
Mechanics and repairers	215	236	254	235	194	181	185	175	201	156
Supervisors, mechanics and repairers	17	22	20	27	15	17	19	17	23	16
Mechanics and repairers, except supervisors	198	213	233	208	179	164	166	158	178	140
Vehicle and mobile equipment mechanics and repairers	24	26	28	27	19	25	19	13	21	18
Automobile mechanics	12	11	11	12	7	13	11	5	9	6
Bus, truck, and stationary engine mechanics	2	2	3	3	2	2	1	2	1	1
Aircraft engine mechanics	3	5	8	6	6	4	2	2	6	6
Small engine repairers	0	1	1	1	1	0	1	0	—	1
Automobile body and related repairers	5	3	2	1	2	2	2	2	1	1
Aircraft mechanics, except engine	1	2	2	2	1	2	1	1	—	1
Heavy equipment mechanics	1	3	1	2	0	1	0	1	2	1
Farm equipment mechanics	0	—	—	—	0	0	0	0	—	1
Industrial machinery repairers	15	16	22	16	12	14	16	17	18	14
Machinery maintenance occupations	0	1	2	0	2	1	2	3	1	1
Electrical and electronic equipment repairers	105	112	116	107	96	69	73	60	82	62
Electronic repairers, communications and industrial equip.	11	10	18	17	13	14	9	7	12	13
Data processing equipment repairers	47	53	54	48	46	25	34	23	29	16
Household appliance and power tool repairers	0	2	2	2	—	0	3	1	1	2
Telephone line installers and repairers	2	2	2	4	4	1	1	3	5	4
Telephone installers and repairers	38	40	39	33	28	26	24	26	32	23
Misc. electrical and electronic equipment repairers	5	4	1	4	6	2	1	0	1	4
Heating, air conditioning, and refrigeration mechanics	2	2	4	5	5	3	4	2	1	3
Miscellaneous mechanics and repairers	52	56	61	53	46	51	53	62	53	41

**Employed persons by detailed occupation and sex,
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(Numbers in thousands)

WOMEN Occupation	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983
Hairdressers and cosmetologists	692	676	662	657	689	663	638	636	589	552
Attendants, amusement and recreation facilities	75	58	60	64	52	55	52	50	52	53
Guides	21	20	28	25	23	19	18	17	16	15
Ushers	11	5	8	6	5	6	7	5	5	5
Public transportation attendants	75	71	83	71	61	64	54	51	58	47
Baggage porters and bellhops	2	2	4	3	3	2	2	1	1	1
Welfare service aides	81	114	87	86	87	94	79	76	75	71
Child care workers, except private household (through 1991)	—	935	873	830	819	793	735	710	645	613
Family child care providers (1992 forward)	318	—	—	—	—	—	—	—	—	—
Early childhood teachers assistants (1992 forward)	374	—	—	—	—	—	—	—	—	—
Child care workers, n.e.c. (1992 forward)	285	—	—	—	—	—	—	—	—	—
Personal service occupations, n.e.c.	118	119	130	128	103	84	71	74	83	87
Precision production, craft, and repair occupations	1,137	1,138	1,166	1,190	1,190	1,153	1,150	1,127	1,112	1,000
Mechanics and repairers	147	163	160	153	147	150	151	153	132	125
Supervisors, mechanics and repairers	18	21	19	20	18	23	20	22	23	18
Mechanics and repairers, except supervisors	129	142	141	132	129	126	131	131	110	107
Vehicle and mobile equipment mechanics and repairers	21	19	16	13	16	17	19	16	17	13
Automobile mechanics	7	7	7	6	6	5	9	6	7	4
Bus, truck, and stationary engine mechanics	2	1	1	1	2	2	2	2	2	2
Aircraft engine mechanics	7	5	3	3	5	5	2	4	2	2
Small engine repairers	1	1	0	1	0	1	0	0	0	0
Automobile body and related repairers	1	1	2	1	2	3	3	3	4	1
Aircraft mechanics, except engine	2	2	1	1	0	2	1	1	1	2
Heavy equipment mechanics	1	1	1	0	1	1	1	0	0	1
Farm equipment mechanics	0	0	0	0	0	0	0	0	0	0
Industrial machinery repairers	12	14	15	16	15	11	14	13	15	12
Machinery maintenance occupations	1	1	3	2	2	0	1	2	1	1
Electrical and electronic equipment repairers	48	68	62	52	54	58	64	57	40	50
Electronic repairers, communications and industrial equip.	8	11	13	11	8	9	10	9	5	8
Data processing equipment repairers	15	23	18	13	12	17	15	12	10	9
Household appliance and power tool repairers	2	2	1	1	2	1	1	1	1	3
Telephone line installers and repairers	2	4	4	2	6	4	4	2	2	3
Telephone installers and repairers	18	25	22	21	24	25	30	29	19	24
Misc. electrical and electronic equipment repairers	4	4	3	4	2	2	5	3	3	2
Heating, air conditioning, and refrigeration mechanics	1	1	1	1	2	2	1	1	3	1
Miscellaneous mechanics and repairers	46	39	45	47	40	38	32	42	34	31

**Employed persons by detailed occupation and sex,
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(Numbers in thousands)

WOMEN Occupation	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
Camera, watch, and musical instrument repairers	1	3	5	4	5	3	2	5	2	5
Locksmiths and safe repairers	2	2	2	3	1	0	1	1	0	0
Office machine repairers	3	5	5	3	1	3	2	5	1	2
Mechanical controls and valve repairers	1	1	0	—	2	3	3	1	—	1
Elevator installers and repairers	0	1	1	0	—	0	0	0	0	0
Millwrights	3	3	2	2	1	4	1	2	3	1
Specified mechanics and repairers, n.e.c.	27	32	31	34	26	24	29	32	36	23
Not specified mechanics and repairers	15	11	14	6	10	15	15	17	5	8
Construction trades	153	153	161	148	109	127	127	120	108	96
Supervisors, construction occupations	23	26	22	19	10	15	15	21	10	14
Supervisors, brickmasons, stonemasons, and tile setters	—	0	—	—	—	0	0	—	—	0
Supervisors, carpenters and related workers	—	—	—	—	—	—	—	—	—	0
Supervisors, electricians and power transmission installers	1	1	2	1	1	0	1	2	0	2
Supervisors, painters, paperhangers, and plasterers	1	1	—	—	0	0	1	3	—	1
Supervisors, plumbers, pipefitters, and steamfitters	0	0	—	—	—	—	—	—	—	0
Construction supervisors, n.e.c.	21	23	20	17	9	14	13	17	9	12
Construction trades, except supervisors	130	127	140	129	99	112	113	99	98	81
Brickmasons and stonemasons	1	3	2	3	2	1	0	3	1	1
Tile setters, hard and soft	1	0	1	2	1	0	0	1	2	1
Carpet installers	5	2	2	2	2	2	0	1	3	2
Carpenters	28	25	26	16	16	21	16	10	13	12
Drywall installers	4	5	12	7	4	3	3	2	3	2
Electricians	22	17	24	19	16	15	17	14	14	7
Electrical power installers and repairers	4	5	2	3	1	1	1	4	2	1
Painters, construction and maintenance	32	35	36	38	28	36	40	34	34	28
Paperhangers	4	4	7	12	10	14	13	13	11	8
Plasterers	0	0	—	—	0	1	1	0	—	0
Plumbers, pipefitters, and steamfitters	8	10	8	10	5	8	12	7	4	3
Concrete and terrazzo finishers	1	0	1	4	0	2	0	0	0	0
Glaziers	0	0	1	2	2	1	1	2	1	2
Insulation workers	7	4	4	3	4	0	0	2	2	5
Paving, surfacing, and tamping equipment operators	—	1	0	0	1	1	0	0	0	0
Roofers	6	4	4	4	2	2	2	1	0	3
Sheet metal duct installers	1	2	—	—	0	—	—	—	—	1
Structural metalworkers	1	1	2	0	1	0	2	1	0	0
Drillers, earth	—	—	0	1	0	0	0	0	—	1

**Employed persons by detailed occupation and sex,
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(Numbers in thousands)

WOMEN Occupation	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983
Camera, watch, and musical instrument repairers	5	3	5	3	3	4	3	2	5	3
Locksmiths and safe repairers	1	0	1	0	1	0	1	1	2	0
Office machine repairers	2	3	4	5	4	2	1	4	2	2
Mechanical controls and valve repairers	1	1	2	1	1	0	0	1	2	2
Elevator installers and repairers	0	0	0	1	0	0	0	0	0	1
Millwrights	2	3	3	4	2	2	1	2	2	1
Specified mechanics and repairers, n.e.c.	23	19	22	24	22	22	21	26	17	17
Not specified mechanics and repairers	10	8	9	9	7	6	5	7	4	5
Construction trades	89	88	96	108	107	96	99	95	79	79
Supervisors, construction occupations	8	7	10	13	14	9	10	8	8	7
Supervisors, brickmasons, stonemasons, and tile setters	0	0	0	0	0	0	0	0	0	0
Supervisors, carpenters and related workers	1	0	0	0	0	0	0	0	0	0
Supervisors, electricians and power transmission installers	0	0	0	0	1	0	1	0	1	0
Supervisors, painters, paperhangers, and plasterers	0	1	1	1	0	1	1	1	1	0
Supervisors, plumbers, pipefitters, and steamfitters	0	0	0	0	0	0	0	0	0	0
Construction supervisors, n.e.c.	7	6	8	11	12	8	8	7	6	6
Construction trades, except supervisors	81	81	86	96	93	87	89	87	71	73
Brickmasons and stonemasons	2	0	0	1	1	2	0	1	1	0
Tile setters, hard and soft	1	1	1	0	1	1	0	1	0	0
Carpet installers	1	2	2	1	3	1	1	1	1	2
Carpenters	13	16	18	16	22	17	18	15	17	16
Drywall installers	2	2	2	2	3	3	4	2	2	1
Electricians	8	9	12	13	10	8	8	10	8	9
Electrical power installers and repairers	0	1	2	0	0	1	2	1	0	0
Painters, construction and maintenance	27	29	31	33	30	29	32	31	24	23
Paperhangers	12	10	9	13	11	14	7	9	7	6
Plasterers	0	0	0	0	0	1	0	0	0	0
Plumbers, pipefitters, and steamfitters	4	5	4	4	2	4	3	5	5	5
Concrete and terrazzo finishers	1	0	0	0	0	0	1	0	1	0
Glaziers	1	0	0	1	1	0	2	2	0	2
Insulation workers	2	1	1	3	3	1	1	2	0	3
Paving, surfacing, and tamping equipment operators	0	0	0	0	0	0	0	0	0	0
Roofers	1	1	1	1	2	1	3	3	1	0
Sheet metal duct installers	0	0	0	1	0	1	2	1	0	0
Structural metalworkers	0	0	0	0	0	0	0	0	0	1
Drillers, earth	0	0	0	0	0	0	0	0	0	0

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
Construction trades, n.e.c.	4	9	10	5	3	5	4	3	5	4
Extractive occupations	2	3	3	1	2	2	3	5	1	3
Supervisors, extractive occupations	—	0	0	—	1	0	1	2	0	2
Drillers, oil well	—	0	—	0	0	0	0	0	—	0
Explosives workers	0	1	—	—	—	0	0	0	—	0
Mining machine operators	0	1	1	1	0	1	3	1	0	0
Mining occupations, n.e.c.	1	1	1	0	0	1	0	1	0	1
Precision production occupations	830	923	959	923	898	946	903	902	938	896
Supervisors, production occupations	211	219	226	226	222	250	222	210	236	207
Precision metalworking occupations	56	61	66	70	62	69	80	70	58	63
Tool and die makers	2	3	3	6	0	1	2	5	2	2
Precision assemblers, metal	4	9	5	6	4	3	4	7	4	5
Machinists	25	23	31	29	31	26	30	30	21	18
Boilermakers	—	—	0	1	0	1	0	0	0	0
Precision grinders, fitters, and tool sharpeners	1	—	2	1	—	2	1	1	0	2
Patternmakers and model makers, metal	—	1	—	—	—	0	0	1	0	0
Lay-out workers	0	1	2	1	2	2	3	0	0	2
Precious stones and metals workers (jewelers)	16	14	17	15	12	15	21	12	13	22
Engravers, metal	4	5	1	5	8	9	9	5	6	5
Sheet metal workers	4	6	5	8	5	11	9	9	11	7
Miscellaneous precision metal workers	—	—	—	—	—	0	1	0	0	0
Precision woodworking occupations	12	14	14	14	13	6	12	14	14	15
Patternmakers and model makers, wood	1	0	—	—	—	0	0	1	0	1
Cabinet makers and bench carpenters	5	4	1	5	5	2	5	4	4	7
Furniture and wood finishers	6	10	12	8	8	4	7	9	10	8
Miscellaneous precision woodworkers	0	0	1	—	—	0	0	0	—	0
Precision textile, apparel, and furnishings machine workers	100	119	106	103	102	115	124	130	117	122
Dressmakers	70	87	73	59	60	81	88	91	79	91
Tailors	12	7	9	18	16	16	16	16	16	13
Upholsterers	12	14	14	16	15	12	11	16	15	10
Shoe repairers	1	4	6	2	2	2	4	3	2	3
Apparel and fabric patternmakers (through 1991)	—	—	—	—	—	—	—	—	—	—
Miscellaneous precision apparel and fabric workers	5	6	5	9	8	3	4	4	5	4
Precision workers, assorted materials	243	285	299	299	308	303	276	305	306	290
Hand molders and shapers, except jewelers	2	1	3	5	4	2	1	2	1	4
Patternmakers, lay-out workers, and cutters	0	2	1	2	2	5	2	2	2	3

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983
Construction trades, n.e.c.	6	2	3	5	3	2	4	3	3	3
Extractive occupations	1	4	3	4	3	5	4	2	4	4
Supervisors, extractive occupations	0	2	1	1	2	2	2	1	1	1
Drillers, oil well	0	0	0	1	0	0	0	1	0	1
Explosives workers	0	2	0	1	0	1	0	0	0	0
Mining machine operators	0	0	1	0	1	1	1	0	2	1
Mining occupations, n.e.c.	0	0	1	1	0	1	1	0	1	1
Precision production occupations	901	883	907	926	933	901	896	876	897	791
Supervisors, production occupations	208	210	213	199	210	196	197	190	191	171
Precision metalworking occupations	55	54	60	59	57	55	54	58	55	49
Tool and die makers	2	1	2	4	4	3	2	3	2	2
Precision assemblers, metal	4	1	3	1	0	1	0	0	1	1
Machinists	19	20	19	20	24	17	18	19	25	19
Boilermakers	0	0	0	0	0	0	0	1	0	0
Precision grinders, fitters, and tool sharpeners	2	1	1	1	1	2	2	1	1	3
Patternmakers and model makers, metal	0	0	0	0	0	1	0	0	0	0
Lay-out workers	2	2	2	2	2	1	2	3	1	1
Precious stones and metals workers (jewelers)	17	15	18	17	13	15	15	14	11	10
Engravers, metal	3	7	7	3	5	8	5	9	7	6
Sheet metal workers	5	6	7	10	7	8	9	7	5	6
Miscellaneous precision metal workers	0	0	0	1	1	0	1	1	1	0
Precision woodworking occupations	12	13	13	13	13	12	18	17	17	14
Patternmakers and model makers, wood	1	0	0	0	0	0	1	0	0	0
Cabinet makers and bench carpenters	5	2	2	3	2	1	4	3	3	5
Furniture and wood finishers	7	11	11	10	10	11	13	14	13	9
Miscellaneous precision woodworkers	0	0	0	0	0	0	0	0	0	0
Precision textile, apparel, and furnishings machine workers	138	138	152	160	172	165	157	141	143	153
Dressmakers	100	102	108	111	119	112	112	100	103	107
Tailors	15	17	21	25	24	21	17	18	17	19
Upholsterers	15	15	16	17	18	23	19	16	17	18
Shoe repairers	3	2	2	5	6	4	5	4	3	7
Apparel and fabric patternmakers (through 1991)	—	1	2	1	1	0	1	0	1	0
Miscellaneous precision apparel and fabric workers	5	2	2	2	3	4	4	2	2	3
Precision workers, assorted materials	299	290	289	309	300	298	306	313	343	257
Hand molders and shapers, except jewelers	2	1	2	2	1	1	2	1	3	3
Patternmakers, lay-out workers, and cutters	5	5	6	7	6	5	6	4	7	6

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
Optical goods workers	49	50	46	52	44	44	37	37	38	32
Dental laboratory and medical appliance technicians	29	26	19	18	12	26	21	27	22	17
Bookbinders	8	8	15	19	11	12	10	14	19	17
Electrical and electronic equipment assemblers	150	194	215	201	232	211	204	218	221	216
Miscellaneous precision workers, n.e.c.	5	4	1	1	4	2	2	5	1	2
Precision food production occupations	158	162	196	169	151	150	155	131	155	149
Butchers and meat cutters	48	45	74	65	48	50	54	51	61	59
Bakers	74	79	71	65	68	68	68	50	61	55
Food batchmakers	36	39	50	39	35	33	33	31	33	35
Precision inspectors, testers, and related workers	37	51	37	31	33	41	26	26	37	36
Inspectors, testers, and graders	36	48	34	30	32	40	24	24	34	33
Adjusters and calibrators	2	3	3	2	1	1	2	2	2	3
Plant and system operators	13	12	14	10	7	13	7	16	14	13
Water and sewage treatment plant operators	3	1	4	3	3	2	3	2	2	4
Power plant operators	4	3	1	4	2	1	1	3	4	4
Stationary engineers	3	5	8	1	1	6	2	3	4	4
Miscellaneous plant and system operators	3	3	1	2	1	4	1	8	2	2
Operators, fabricators, and laborers	4,022	4,205	4,414	4,374	4,487	4,540	4,447	4,393	4,341	4,232
Machine operators, assemblers, and inspectors	2,290	2,497	2,760	2,749	2,909	3,000	2,972	2,949	2,954	2,911
Machine operators and tenders, except precision	1,407	1,539	1,700	1,729	1,848	1,902	1,910	1,936	1,929	1,876
Metalworking and plastic working machine operators	49	65	65	64	71	53	57	56	66	60
Lathe and turning machine set-up operators	1	2	1	2	6	3	3	3	1	2
Lathe and turning machine operators	0	4	8	7	9	3	6	1	2	3
Milling and planing machine operators	1	2	—	—	—	1	4	3	—	0
Punching and stamping press machine operators	19	27	25	26	33	23	17	23	32	27
Rolling machine operators	1	1	1	2	1	5	1	1	0	1
Drilling and boring machine operators	1	1	2	1	3	2	3	6	2	4
Grinding, abrading, buffing, and polishing machine operators	19	18	15	18	13	13	18	15	19	15
Forging machine operators	1	2	1	1	—	0	1	1	0	2
Numerical control machine operators	2	6	3	1	2	1	0	1	0	1
Misc. metal, plastic, stone, and glass working machine operators	2	1	2	2	1	1	2	4	1	6
Fabricating machine operators, n.e.c.	8	4	6	8	9	4	4	6	5	9
Metal and plastic processing machine operators	27	29	36	31	35	41	34	33	34	32
Molding and casting machine operators	20	23	29	24	28	35	28	26	27	27
Metal plating machine operators	3	5	4	6	6	4	4	3	2	3
Heat treating equipment operators	1	1	0	—	1	1	0	0	1	0

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983
Optical goods workers	32	35	36	49	37	27	32	22	29	23
Dental laboratory and medical appliance technicians	23	17	23	14	16	20	22	20	16	21
Bookbinders	21	14	20	19	19	14	17	18	21	18
Electrical and electronic equipment assemblers	216	215	198	213	214	224	223	243	264	182
Miscellaneous precision workers, n.e.c.	1	3	5	5	8	5	4	5	4	4
Precision food production occupations	148	140	138	143	135	134	128	119	110	104
Butchers and meat cutters	69	58	59	71	55	53	61	55	44	43
Bakers	48	54	52	50	60	54	43	43	47	47
Food batchmakers	30	27	28	22	20	27	24	21	19	15
Precision inspectors, testers, and related workers	31	26	31	31	35	30	25	32	31	33
Inspectors, testers, and graders	27	23	28	27	29	24	22	28	27	30
Adjusters and calibrators	4	3	3	4	6	6	3	4	4	4
Plant and system operators	10	12	11	12	11	11	11	7	6	8
Water and sewage treatment plant operators	2	3	1	3	1	3	3	1	1	2
Power plant operators	3	3	2	3	2	2	3	1	1	2
Stationary engineers	3	2	4	4	3	3	3	3	2	3
Miscellaneous plant and system operators	2	4	3	3	4	2	3	2	3	2
Operators, fabricators, and laborers	4,294	4,380	4,577	4,695	4,580	4,508	4,355	4,277	4,385	4,282
Machine operators, assemblers, and inspectors	3,035	3,127	3,269	3,370	3,311	3,295	3,187	3,159	3,282	3,259
Machine operators and tenders, except precision	1,977	2,103	2,197	2,246	2,244	2,240	2,182	2,177	2,259	2,255
Metalworking and plastic working machine operators	72	78	80	86	79	94	89	83	87	83
Lathe and turning machine set-up operators	2	0	2	1	2	3	3	3	2	1
Lathe and turning machine operators	4	5	5	5	4	7	4	7	10	7
Milling and planing machine operators	2	3	2	2	3	3	2	2	2	1
Punching and stamping press machine operators	34	37	33	36	37	47	43	34	35	38
Rolling machine operators	2	1	2	2	1	2	1	1	2	2
Drilling and boring machine operators	1	5	6	11	7	5	7	10	7	6
Grinding, abrading, buffing, and polishing machine operators	21	20	22	23	17	21	21	19	21	21
Forging machine operators	0	1	1	2	1	0	1	1	1	1
Numerical control machine operators	0	3	3	0	0	0	0	0	0	0
Misc. metal, plastic, stone, and glass working machine operators	6	3	4	4	8	5	7	6	7	6
Fabricating machine operators, n.e.c.	7	9	8	6	10	13	10	9	11	10
Metal and plastic processing machine operators	33	34	36	38	44	35	35	41	45	40
Molding and casting machine operators	29	30	30	28	32	30	28	36	39	31
Metal plating machine operators	1	2	3	6	7	3	6	3	5	6
Heat treating equipment operators	0	0	2	2	2	1	1	0	0	2

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
Misc. metal and plastic processing machine operators	2	1	2	2	1	1	2	4	1	3
Woodworking machine operators	15	17	20	24	24	20	17	15	18	17
Wood lathe, routing, and planing machine operators	2	2	2	4	4	0	0	0	0	0
Sawing machine operators	7	8	10	11	11	12	9	10	10	9
Shaping and joining machine operators	1	2	2	1	4	4	3	1	1	2
Nailing and tacking machine operators	1	—	0	2	1	2	1	0	1	0
Miscellaneous woodworking machine operators	3	6	6	5	4	2	5	4	5	6
Printing machine operators	89	71	89	86	106	90	90	109	108	104
Printing press operators	50	40	52	48	58	40	40	58	50	47
Photoengravers and lithographers	11	11	11	10	8	12	10	9	14	8
Typesetters and compositors	14	11	13	14	27	22	25	22	29	36
Miscellaneous printing machine operators	14	8	13	15	13	16	15	19	17	14
Textile, apparel, and furnishings machine operators	512	546	606	618	688	781	793	833	848	881
Winding and twisting machine operators	25	23	37	31	38	39	37	54	43	40
Knitting, looping, taping, and weaving machine operators	17	28	20	22	29	27	27	22	30	34
Textile cutting machine operators	5	1	1	1	1	3	3	3	1	2
Textile sewing machine operators	272	283	343	368	419	498	495	520	533	542
Shoe machine operators	6	6	5	4	7	12	12	13	15	14
Pressing machine operators	56	55	55	62	74	72	76	84	80	94
Laundering and dry cleaning machine operators	121	131	125	117	105	112	120	110	123	129
Miscellaneous textile machine operators	10	19	20	11	15	19	23	28	23	25
Machine operators, assorted materials	708	806	877	899	915	913	915	885	849	773
Cementing and gluing machine operators	11	13	21	10	17	12	14	16	16	10
Packaging and filling machine operators	150	186	216	226	242	227	239	217	229	204
Extruding and forming machine operators	5	6	3	4	6	8	6	7	4	5
Mixing and blending machine operators	13	14	9	16	12	12	9	10	12	12
Separating, filtering, and clarifying machine operators	7	7	2	8	6	4	3	4	6	7
Compressing and compacting machine operators	4	1	2	7	4	4	6	5	4	5
Painting and paint spraying machine operators	21	18	24	28	29	25	21	25	33	25
Roasting and baking machine operators, food	1	0	3	1	3	2	1	2	1	0
Washing, cleaning, and pickling machine operators	0	3	0	3	4	3	1	6	4	2
Folding machine operators	5	2	7	8	10	17	12	10	14	11
Furnace, kiln, and oven operators, except food	4	5	3	3	3	6	5	4	2	4
Crushing and grinding machine operators	5	6	13	9	8	7	8	12	12	6
Slicing and cutting machine operators	32	40	44	42	45	35	49	55	54	56
Motion picture projectionists	0	1	0	2	2	1	1	1	0	1
Photographic process machine operators	54	56	64	54	60	49	46	47	49	42

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983
Misc. metal and plastic processing machine operators	2	2	2	2	2	2	1	2	1	1
Woodworking machine operators	19	17	22	23	23	23	25	14	16	17
Wood lathe, routing, and planing machine operators	1	1	0	1	1	0	1	1	1	1
Sawing machine operators	10	10	14	11	13	11	12	5	7	7
Shaping and joining machine operators	2	1	1	3	1	1	2	1	2	2
Nailing and tacking machine operators	1	1	1	1	1	1	1	0	2	3
Miscellaneous woodworking machine operators	4	4	6	9	6	9	9	6	5	4
Printing machine operators	103	122	120	130	134	128	131	123	123	118
Printing press operators	43	50	45	49	47	47	44	46	51	42
Photoengravers and lithographers	6	8	11	14	13	7	8	6	5	8
Typesetters and compositors	37	48	44	47	50	55	57	51	49	49
Miscellaneous printing machine operators	16	16	20	19	24	19	22	19	19	18
Textile, apparel, and furnishings machine operators	937	967	1,026	1,062	1,057	1,054	1,056	1,066	1,139	1,161
Winding and twisting machine operators	50	54	60	54	58	58	62	63	75	73
Knitting, looping, taping, and weaving machine operators	35	36	31	34	32	34	36	40	33	33
Textile cutting machine operators	4	4	3	3	4	4	2	2	5	5
Textile sewing machine operators	606	617	647	685	675	687	668	691	748	757
Shoe machine operators	15	17	23	21	22	25	28	29	43	56
Pressing machine operators	84	84	92	94	96	89	98	97	88	93
Laundering and dry cleaning machine operators	115	124	135	139	138	125	125	110	113	106
Miscellaneous textile machine operators	27	31	34	32	32	34	37	34	35	38
Machine operators, assorted materials	803	876	904	901	898	893	836	841	837	826
Cementing and gluing machine operators	18	17	16	22	17	16	17	20	22	22
Packaging and filling machine operators	212	283	281	273	263	250	241	231	239	250
Extruding and forming machine operators	7	5	3	2	4	6	4	4	2	4
Mixing and blending machine operators	10	10	13	9	11	9	7	9	7	9
Separating, filtering, and clarifying machine operators	8	6	7	6	2	5	9	7	4	3
Compressing and compacting machine operators	7	6	6	8	7	4	4	6	7	6
Painting and paint spraying machine operators	22	23	25	27	28	23	33	32	28	25
Roasting and baking machine operators, food	1	1	1	1	1	1	1	1	1	1
Washing, cleaning, and pickling machine operators	2	3	3	2	3	2	2	5	3	4
Folding machine operators	10	11	12	14	13	17	19	17	22	15
Furnace, kiln, and oven operators, except food	3	6	5	4	7	7	4	4	4	4
Crushing and grinding machine operators	7	10	15	18	10	11	13	9	15	10
Slicing and cutting machine operators	61	55	50	57	62	59	57	50	52	45
Motion picture projectionists	2	1	0	1	1	1	1	1	1	1
Photographic process machine operators	46	45	48	51	54	55	48	53	45	49

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
Miscellaneous machine operators, n.e.c.	271	323	341	341	335	343	349	331	299	293
Machine operators, not specified	126	125	125	137	132	157	146	133	110	89
Fabricators, assemblers, and hand working occupations	560	585	711	673	693	724	671	615	629	623
Welders and cutters	26	20	30	32	30	33	30	26	25	19
Solderers and brazers	13	13	22	12	12	16	11	15	22	17
Assemblers	467	486	593	555	569	596	548	486	493	501
Hand cutting and trimming occupations	1	1	4	3	3	2	1	3	2	5
Hand molding, casting, and forming occupations	2	4	6	3	7	7	7	5	3	3
Hand painting, coating, and decorating occupations	9	8	4	14	8	6	7	15	6	9
Hand engraving and printing occupations	4	6	8	6	9	6	9	8	8	9
Hand grinding and polishing occupations (through 1991)	—	—	—	—	—	—	—	—	—	—
Miscellaneous hand working occupations	38	46	45	48	54	57	56	57	68	61
Production inspectors, testers, samplers, and weighers	323	373	349	346	369	374	391	397	396	412
Production inspectors, checkers, and examiners	239	278	244	246	258	249	275	288	279	308
Production testers	11	22	20	15	12	19	18	20	21	16
Production samplers and weighers	2	2	5	2	2	2	2	2	5	4
Graders and sorters, except agricultural	71	71	80	84	96	104	96	87	92	85
Transportation and material moving occupations	603	595	558	548	545	518	504	490	483	465
Motor vehicle operators	541	532	489	484	468	461	450	429	428	413
Supervisors, motor vehicle operators	25	22	15	19	22	18	15	16	14	15
Truck drivers (1992 forward)	159	166	146	152	158	175	159	130	126	126
Truck drivers, heavy (through 1991)	—	—	—	—	—	—	—	—	—	—
Truck drivers, light (through 1991)	—	—	—	—	—	—	—	—	—	—
Driver-sales workers	16	15	18	17	15	16	12	10	17	15
Bus drivers	293	283	270	251	238	226	239	244	240	231
Taxicab drivers and chauffeurs	41	39	31	36	29	21	22	23	25	21
Parking lot attendants	8	6	10	9	7	4	3	7	2	3
Motor transportation occupations, n.e.c.	0	0	1	1	—	2	0	0	—	0
Transportation occupations, except motor vehicle	8	5	6	4	7	6	4	5	4	7
Rail transportation occupations	5	4	5	1	5	4	2	3	2	4
Railroad conductors and yardmasters	3	4	4	0	1	2	1	0	0	1
Locomotive operating occupations	2	0	1	1	2	2	2	3	1	3
Railroad brake, signal, and switch operators	—	—	0	—	—	—	—	—	—	0
Rail vehicle operators, n.e.c.	—	—	—	—	2	—	—	—	—	0
Water transportation occupations	3	1	1	3	2	2	1	2	1	3
Ship captains and mates, except fishing boats	2	1	1	1	0	0	0	0	0	1

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983
Miscellaneous machine operators, n.e.c.	282	280	302	302	303	314	272	280	292	279
Machine operators, not specified	104	115	116	105	112	113	104	112	97	100
Fabricators, assemblers, and hand working occupations	640	621	640	674	628	617	600	564	582	577
Welders and cutters	24	23	24	40	27	27	29	28	27	27
Solderers and brazers	23	22	26	31	31	26	26	26	28	29
Assemblers	508	502	497	519	505	485	476	437	461	442
Hand cutting and trimming occupations	5	5	5	5	7	8	3	8	6	9
Hand molding, casting, and forming occupations	6	5	6	5	7	7	6	8	5	6
Hand painting, coating, and decorating occupations	8	8	16	12	12	14	17	11	15	12
Hand engraving and printing occupations	7	10	11	13	6	10	7	9	9	10
Hand grinding and polishing occupations (through 1991)	—	1	3	2	3	1	1	3	3	3
Miscellaneous hand working occupations	59	45	52	45	31	38	33	35	28	40
Production inspectors, testers, samplers, and weighers	420	403	432	450	438	439	405	418	441	427
Production inspectors, checkers, and examiners	323	322	349	367	360	365	335	335	355	343
Production testers	13	18	20	22	21	16	13	19	20	22
Production samplers and weighers	5	6	3	2	4	5	3	2	3	3
Graders and sorters, except agricultural	78	57	60	59	54	53	54	62	63	60
Transportation and material moving occupations	426	437	436	450	434	395	406	375	369	326
Motor vehicle operators	375	389	389	402	386	353	367	338	307	273
Supervisors, motor vehicle operators	13	15	14	13	10	9	9	9	6	3
Truck drivers (1992 forward)	124	—	—	—	—	—	—	—	—	—
Truck drivers, heavy (through 1991)	—	49	39	35	41	41	38	38	49	37
Truck drivers, light (through 1991)	—	61	63	68	71	65	67	61	47	32
Driver-sales workers	16	20	19	12	14	15	16	14	12	15
Bus drivers	198	218	228	241	218	199	209	194	176	166
Taxicab drivers and chauffeurs	22	22	20	29	27	21	23	20	13	15
Parking lot attendants	2	4	6	4	5	3	3	2	3	4
Motor transportation occupations, n.e.c.	0	0	0	0	0	0	0	0	0	0
Transportation occupations, except motor vehicle	6	4	5	5	4	4	4	4	3	5
Rail transportation occupations	4	3	4	4	3	2	3	3	1	3
Railroad conductors and yardmasters	3	2	1	1	2	1	1	1	0	1
Locomotive operating occupations	1	0	1	2	0	1	1	1	0	1
Railroad brake, signal, and switch operators	1	0	1	1	0	1	1	1	0	1
Rail vehicle operators, n.e.c.	0	0	1	0	0	0	0	0	0	0
Water transportation occupations	1	1	1	1	1	2	1	1	2	2
Ship captains and mates, except fishing boats	1	0	0	0	0	1	0	1	1	1

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
Sailors and deckhands	1	—	0	0	—	0	1	0	0	2
Marine engineers	—	—	—	0	—	1	—	—	—	0
Bridge, lock, and lighthouse tenders	—	—	—	1	1	1	0	1	1	0
Material moving equipment operators	54	58	63	60	70	51	50	56	51	46
Supervisors, material moving equipment operators	—	1	0	0	1	0	0	0	1	0
Operating engineers	3	6	4	4	5	3	6	6	4	2
Longshore equipment operators	—	1	—	—	—	—	—	—	—	0
Hoist and winch operators	—	—	—	2	—	0	1	0	—	0
Crane and tower operators	0	2	1	3	4	2	2	2	1	1
Excavating and loading machine operators	1	—	3	2	0	1	0	3	0	0
Grader, dozer, and scraper operators	3	1	3	3	2	1	2	1	2	2
Industrial truck and tractor equipment operators	40	37	40	39	48	38	32	35	33	31
Miscellaneous material moving equipment operators	7	10	11	6	9	6	7	8	8	9
Handlers, equipment cleaners, helpers, and laborers	1,129	1,112	1,096	1,077	1,033	1,023	971	955	904	856
Supervisors, handlers, equipment cleaners, and laborers	3	6	2	1	2	1	4	1	1	1
Helpers, mechanics and repairers	5	1	4	1	1	2	2	1	2	1
Helpers, construction and extractive occupations	8	5	7	6	4	6	6	5	4	2
Helpers, construction trades	7	5	5	5	4	5	6	4	3	2
Helpers, surveyor	1	—	2	1	—	1	1	0	1	0
Helpers, extractive occupations	—	0	1	—	—	—	—	—	—	0
Construction laborers	43	39	39	38	37	37	31	26	27	23
Production helpers	13	14	18	17	13	10	14	15	14	8
Freight, stock, and material handlers	496	491	456	500	472	472	444	425	408	388
Garbage collectors	3	3	2	5	1	2	0	3	1	2
Stevedores	1	1	—	2	2	0	0	0	1	1
Stock handlers and baggers	373	355	341	363	351	336	318	299	294	287
Machine feeders and offbearers	31	32	25	38	30	36	34	34	29	30
Freight, stock, and material handlers, n.e.c.	86	100	87	93	88	99	92	89	82	68
Garage and service station related occupations	15	13	14	7	7	19	10	9	10	13
Vehicle washers and equipment cleaners	32	44	44	37	29	32	30	41	33	34
Hand packers and packagers	239	235	236	192	184	160	160	156	180	190
Laborers, except construction	277	263	276	277	282	282	269	275	225	194
Farming, forestry, and fishing occupations	716	683	709	676	668	675	677	726	701	515
Farm operators and managers	286	288	291	280	274	305	303	366	368	165
Farmers (through 1993)	—	—	—	—	—	—	—	—	—	147

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983
Sailors and deckhands	0	1	0	0	0	0	0	0	0	0
Marine engineers	0	0	0	0	0	0	0	0	0	0
Bridge, lock, and lighthouse tenders	0	0	0	0	0	1	1	0	1	0
Material moving equipment operators	46	44	43	43	43	39	35	33	59	48
Supervisors, material moving equipment operators	0	0	0	1	1	0	0	0	1	1
Operating engineers	2	2	2	3	3	1	2	2	2	1
Longshore equipment operators	0	0	0	0	0	0	0	0	0	0
Hoist and winch operators	0	0	1	1	1	2	0	0	0	0
Crane and tower operators	2	2	1	1	1	2	1	1	2	1
Excavating and loading machine operators	1	1	1	1	1	1	0	1	1	1
Grader, dozer, and scraper operators	1	1	1	1	1	1	2	1	2	0
Industrial truck and tractor equipment operators	28	31	25	25	25	22	19	12	21	21
Miscellaneous material moving equipment operators	11	7	11	10	11	11	10	15	30	23
Handlers, equipment cleaners, helpers, and laborers	832	816	871	875	835	817	762	744	734	697
Supervisors, handlers, equipment cleaners, and laborers	0	0	0	0	1	1	1	1	1	1
Helpers, mechanics and repairers	1	2	3	2	1	3	1	2	1	2
Helpers, construction and extractive occupations	4	3	8	6	6	9	8	6	5	5
Helpers, construction trades	4	3	7	5	6	8	8	6	5	4
Helpers, surveyor	0	0	1	1	1	1	0	0	0	1
Helpers, extractive occupations	0	0	0	0	0	0	0	0	0	0
Construction laborers	21	23	24	23	27	25	21	21	17	13
Production helpers	11	13	15	22	16	15	18	21	13	18
Freight, stock, and material handlers	329	307	332	301	307	286	271	256	249	229
Garbage collectors	1	1	1	2	2	1	2	1	1	1
Stevedores	1	1	0	0	0	0	0	0	0	0
Stock handlers and baggers	228	211	232	208	203	200	184	180	183	169
Machine feeders and offbearers	33	31	33	29	37	34	33	30	28	28
Freight, stock, and material handlers, n.e.c.	65	64	66	62	65	52	52	44	36	31
Garage and service station related occupations	10	12	10	13	15	18	17	19	23	13
Vehicle washers and equipment cleaners	33	28	33	36	36	33	32	27	28	26
Hand packers and packagers	205	186	191	210	195	198	194	199	193	191
Laborers, except construction	217	243	254	263	232	229	199	192	204	199
Farming, forestry, and fishing occupations	553	556	544	565	562	554	548	552	562	592
Farm operators and managers	188	202	191	195	193	196	188	189	180	175
Farmers (through 1993)	171	179	164	171	175	177	170	176	168	166

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993
Farmers, except horticultural (1994 forward)	229	231	244	240	235	266	270	332	340	—
Horticultural specialty farmers (1994 forward)	10	10	9	7	5	5	4	7	6	—
Farm managers (through 1993)	—	—	—	—	—	—	—	—	—	18
Farm managers, except horticultural (1994 forward)	38	43	34	30	32	30	29	25	21	—
Managers, horticultural specialty farms (1994 forward)	9	4	4	3	1	3	1	2	1	—
Other agricultural and related occupations	420	384	403	386	385	363	366	351	320	340
Farm occupations, except managerial	167	160	168	171	162	167	174	160	142	182
Supervisors, farm workers	7	5	5	14	7	1	2	4	5	6
Farm workers	150	142	146	141	143	151	158	144	124	162
Marine life cultivation workers	—	0	—	1	1	0	0	0	—	1
Nursery workers	9	13	16	14	11	14	13	12	12	13
Related agricultural occupations	253	223	235	215	223	196	192	190	178	157
Supervisors, related agricultural occupations	15	12	16	16	14	4	6	6	5	2
Groundskeepers and gardeners, except farm	76	68	65	65	67	59	53	53	51	49
Animal caretakers, except farm	116	110	104	91	90	90	93	82	72	71
Graders and sorters, agricultural products	46	32	47	43	52	42	39	49	45	35
Inspectors, agricultural products	1	1	3	1	1	1	1	1	2	1
Forestry and logging occupations	6	7	9	7	6	5	4	5	9	8
Supervisors, forestry and logging occupations	3	3	3	4	3	3	2	2	3	2
Forestry workers, except logging	2	3	4	3	1	1	1	2	4	5
Timber cutting and logging occupations	1	1	3	1	2	2	1	1	1	1
Fishers, hunters, and trappers	4	4	6	3	2	2	4	4	3	3
Captains and other officers, fishing vessels	1	0	1	0	1	0	0	1	1	0
Fishers	3	3	5	3	2	2	4	3	2	2
Hunters and trappers	1	1	0	—	—	0	0	—	—	1

NOTE: Dashes indicate data are not available.

Data for 2000-2002 were revised to incorporate population controls from Census 2000.

n.e.c. = not elsewhere classified

SOURCE: Current Population Survey, Bureau of Labor Statistics

**Employed persons by detailed occupation and sex,
1983-2002 annual averages**

(Numbers in thousands)

WOMEN Occupation	1992	1991	1990	1989	1988	1987	1986	1985	1984	1983
Farmers, except horticultural (1994 forward)	—	—	—	—	—	—	—	—	—	—
Horticultural specialty farmers (1994 forward)	—	—	—	—	—	—	—	—	—	—
Farm managers (through 1993)	17	23	27	24	18	20	18	13	12	9
Farm managers, except horticultural (1994 forward)	—	—	—	—	—	—	—	—	—	—
Managers, horticultural specialty farms (1994 forward)	—	—	—	—	—	—	—	—	—	—
Other agricultural and related occupations	357	345	343	358	360	345	348	356	377	413
Farm occupations, except managerial	211	215	204	221	240	232	240	251	275	297
Supervisors, farm workers	2	5	3	2	4	3	2	3	5	3
Farm workers	189	192	181	204	221	210	222	232	262	285
Marine life cultivation workers	0	0	0	0	0	0	0	0	0	0
Nursery workers	20	19	20	15	15	18	16	16	9	10
Related agricultural occupations	145	130	139	137	120	113	107	105	102	116
Supervisors, related agricultural occupations	3	4	5	4	4	3	8	5	5	5
Groundskeepers and gardeners, except farm	54	49	49	50	40	44	37	38	46	44
Animal caretakers, except farm	62	68	68	68	64	56	49	48	42	58
Graders and sorters, agricultural products	27	8	16	14	11	9	11	13	8	9
Inspectors, agricultural products	0	0	0	1	2	1	2	1	1	0
Forestry and logging occupations	6	6	7	7	5	6	5	4	3	2
Supervisors, forestry and logging occupations	2	0	0	1	1	0	1	1	0	0
Forestry workers, except logging	3	4	6	5	4	5	3	3	2	2
Timber cutting and logging occupations	1	2	2	1	0	1	1	1	2	0
Fishers, hunters, and trappers	2	2	3	4	4	7	7	3	2	2
Captains and other officers, fishing vessels	0	0	1	0	0	0	0	0	0	1
Fishers	2	2	2	4	4	6	7	3	2	2
Hunters and trappers	0	1	0	0	0	0	0	0	0	0

NOTE: Dashes indicate data are not available.

Data for 2000-2002 were revised to incorporate population control
n.e.c. = not elsewhere classified

SOURCE: Current Population Survey, Bureau of Labor Statistics