

Table 2. The 1980 Occupation Categories As Derived From The 1970 Occupation Classification System

(Data are the 1970 experienced civilian labor force. Numbers and percents may not add to total because of rounding)

1980 code	1980 Occupation categories with their 1970 component categories and codes	Experienced civilian labor force	Percent of labor force	Male	Female
				Experienced civilian labor force	Percent of labor force
003	Legislators	4 726	100.00	4 726	0
004	Chief executives and officials, public administration	4 726	100.00	4 726	0
005	Administrators and officials, public administration	4 059	100.00	4 059	0
	056 Personnel and labor relations workers	249 478	100.00	138 182	53 396
	201 Assemblers, crafters, and repairers, local public administration	1 407	72	1 407	0
	212 Health administrators	27 598	11.06	16 264	8 295
	220 Office managers, n.e.c.	1 436	58	1 436	0
	222 Officials and administrators, public administration, n.e.c.	485	19	485	0
	245 Managers and administrators, n.e.c.	217 951	87.36	175 889	89 770
006	Administrators, protective services	601	24	601	0
	964 Police and detectives	26 269	100.00	26 269	0
007	Financial managers	11 772	44.81	11 772	0
	001 Accountants	14 497	55.19	14 497	0
	202 Bank officers and financial managers	224 944	100.00	180 874	44 070
	210 Credit and collection managers	153 488	4.76	5 948	3 295
	245 Managers and administrators, n.e.c.	55 655	24.74	41 981	13 674
	321 Estimators and investigators, n.e.c.	4 822	2.14	4 210	2 331
008	Personnel and labor relations workers	1 169	52	1 169	0
	056 Personnel and labor relations workers	70 032	100.00	55 515	14 517
	222 Officials and administrators, public administration, n.e.c.	68 001	97.10	54 162	13 839
009	Purchasing managers	2 031	2.90	1 533	467
	225 Purchasing agents and buyers, n.e.c.	41 021	100.00	37 148	3 873
	231 Sales managers and department heads, retail trade	15 788	38.49	14 617	1 171
	245 Managers and administrators, n.e.c.	9 586	23.37	7 496	2 090
013	Managers, marketing, advertising and public relations	15 647	100.00	15 035	40 477
	201 Sales managers, n.e.c.	41 789	100.00	383 147	64 612
	231 Sales managers and department heads, retail trade	525	13	0	525
	243 Sales managers, except retail trade	124 506	29.80	105 698	18 808
	245 Managers and administrators, n.e.c.	240 326	57.52	203 800	6 526
	260 Insurance agents, brokers, and underwriters	45 240	10.83	37 287	7 953
	270 Real estate agents and brokers	5 191	1.24	4 361	830
014	Administrators, education and related fields	2 001	48	2 001	0
	212 Health administrators	211 511	100.00	153 034	58 477
	235 School administrators, elementary and secondary	33 715	15.94	24 365	9 350
015	Managers, education and health	176 541	83.47	128 669	47 872
016	Managers, properties and real estate	52 287	100.00	21 535	30 752
	215 Managers and superintendents, building	96 301	100.00	60 827	35 474
	220 Office managers, n.e.c.	84 874	88.13	49 400	81 211
	245 Managers and administrators, n.e.c.	9 745	10.12	9 745	0
017	Postmasters and mail superintendents	601	62	601	0
	224 Postmasters and mail superintendents	36 906	100.00	25 154	11 752
018	Federal directors	37 431	100.00	21 535	11 752
	211 Federal directors	37 431	100.00	34 782	2 649
019	Managers and administrators, n.e.c.	2 811 158	100.00	2 381 273	429 885
	019 Industrial engineers	13 750	49	13 203	547
	101 Education workers	15 347	55	10 508	4 839
	194 Research workers, not specified	639	02	639	0
	202 Bank officers and financial managers	93 994	3.34	73 514	20 480
	205 Buyers, wholesale and retail trade	4 123	15	38 144	2 007
	212 Health managers, n.e.c.	31 310	1.11	24 407	6 903
	222 Officials of lodges, societies, and unions	204 277	7.27	119 203	85 074
	230 Restaurant, cafeteria, and bar managers	341 988	1.61	36 707	6 574
	240 School administrators, elementary and secondary	7 069	0.25	6 709	360
	245 Managers and administrators, n.e.c.	2 006 958	71.39	1 625 258	381 699

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				Experienced civilian labor force	Percent of labor force
019	Managers and administrators, n.e.c.	1 869	07	1 869	0
	265 Insurance agents, brokers, and underwriters	245	01	0	245
	370 Secretaries, legal	640	02	0	640
	385 Telephone operators	610	02	0	610
	441 Blue-collar worker supervisors, n.e.c.	715	03	0	715
	472 Automotive body repairers	1 012	04	0	1 012
023	Accountants and auditors	658 135	100.00	491 351	166 784
	001 Accountants	640 112	97.26	474 061	166 051
	013 Industrial engineers	2 296	0.35	2 296	0
	091 Economists	10 226	1.55	9 533	733
	222 Officials and administrators, public administration, n.e.c.	676	0.10	676	0
	321 Estimators and investigators, n.e.c.	4 825	0.73	4 825	0
024	Underwriters	2 488	100.00	2 488	0
	265 Insurance agents, brokers, and underwriters	1 869	75.12	1 869	0
	326 Insurance adjusters, examiners, and investigators	619	24.88	619	0
025	Other financial officers	192 260	100.00	148 052	44 208
	001 Accountants	50 930	26.49	30 325	20 605
	202 Bank officers and financial managers	109 575	56.99	92 181	17 394
	210 Credit and collection managers	3 730	1.94	2 591	1 139
	220 Office managers, n.e.c.	2 423	1.26	2 423	0
	222 Officials and administrators, public administration, n.e.c.	13 538	7.04	10 824	2 714
	245 Managers and administrators, n.e.c.	5 423	2.82	4 811	614
	305 Bookkeepers	866	.45	866	0
	321 Estimators and investigators, n.e.c.	5 775	3.00	4 021	1 754
026	Management analysts	34 325	100.00	32 072	2 253
	013 Industrial engineers	20 010	58.30	18 369	1 641
	091 Economists	9 483	27.66	9 483	0
	245 Managers and administrators, n.e.c.	4 822	14.05	4 210	612
027	Personnel, training, and labor relations specialists	244 904	100.00	162 637	82 267
	056 Personnel and labor relations workers	240 534	98.22	158 267	82 267
	222 Officials of lodges, societies, and unions	1 353	.55	1 353	0
	Purchasing agents and buyers, farm products	3 017	1.23	3 017	0
	203 Buyers and shippers, farm products	22 579	100.00	22 043	536
	205 Buyers, wholesale and retail trade	20 394	92.70	20 394	0
	Buyers, wholesale and retail, except farm products	1 649	7.30	1 649	0
029	Buyers, wholesale and retail trade	169 083	100.00	121 758	47 325
	225 Purchasing agents and buyers, n.e.c.	169 083	99.68	121 711	47 372
033	Purchasing agents and buyers, n.e.c.	147 077	100.00	124 832	22 245
	222 Officials and administrators, public administration, n.e.c.	144 597	98.31	122 352	22 245
	225 Purchasing agents and buyers, n.e.c.	1 804	1.23	1 804	0
034	Business and promotion agents	10 088	100.00	8 233	1 855
	223 Officials of lodges, societies, and unions	4 023	39.96	4 023	0
	245 Managers and administrators, n.e.c.	6 045	60.04	4 210	1 835
035	Construction inspectors	50 163	100.00	49 851	312
	213 Construction inspectors, public administration	18 372	36.62	19 060	312
	215 Inspectors, except construction, public administration	12 334	24.44	12 334	0
	441 Blue-collar worker supervisors, n.e.c.	3 574	7.12	3 574	0
	452 Inspectors, n.e.c.	21 033	41.83	21 033	0
036	Inspectors and compliance officers, except construction	140 842	100.00	132 144	8 698
	001 Accountants	14 870	10.56	14 870	0
	023 Engineers, n.e.c.	3 777	2.68	3 777	0
	025 Foresters and conservationists	551	.39	551	0
	031 Lawyers	540	.38	540	0
	201 Assessors, controllers, and treasurers, local public administration	1 877	1.33	1 877	0
	212 Health administrators	76 587	54.38	70 495	6 092
	215 Inspectors, except construction, public administration	676	.48	676	0
	222 Officials and administrators, public administration, n.e.c.	36	.02	36	0
	225 Managers and administrators, n.e.c.	601	.43	601	0
	326 Managers and administrators, examiners, and investigators	1 238	.88	1 238	0
	404 Bookmakers	982	.70	970	12
	452 Inspectors, n.e.c.	32 134	22.82	32 134	0

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		Experienced civilian labor force	Experienced civilian labor force	Percent of 1980 category
036	Inspectors and compliance officers, except construction—Con.	5 276	2 718	2 558
037	610 Checkers, examiners, and inspectors, manufacturing, Management related occupations, n.e.c.	24 543	19 860	4 683
	222 Office managers, n.e.c.	485	485	0
	222 Officials and administrators, public administration, n.e.c.	41 339	6 088	35 251
	245 Managers and administrators, n.e.c.	8 430	34 335	612
	325 Estimators and investigators, n.e.c.	1 608	1 608	0
	335 Not specified clerical workers	3 851	3 851	0
043	PROFESSIONAL SPECIALTY OCCUPATIONS			
	Architects	53 258	51 122	2 136
	002 Architects	52 454	50 316	2 138
	321 Estimators and investigators, n.e.c.	804	804	0
044	Aerospace engineers	70 440	69 187	1 253
	006 Aeronautical and astronautical engineers	70 440	69 187	1 253
045	Metalurgical and materials engineers	28 984	28 787	197
	010 Chemical engineers	631	631	0
	015 Metallurgical and materials engineers	16 256	16 039	217
	045 Chemists	12 097	12 097	0
046	Mining engineers	4 794	4 725	69
	020 Mining engineers	4 794	4 725	69
047	Petroleum engineers	11 647	11 485	162
	021 Petroleum engineers	11 647	11 485	162
048	Chemical engineers	54 390	53 851	539
	010 Chemical engineers	54 390	53 851	539
049	Nuclear engineers	508	508	0
	053 Physicists and astronomers	508	508	0
053	Civil engineers	186 514	184 085	2 429
	011 Civil engineers	182 518	180 089	2 429
055	Electrical and electronic engineers	299 845	294 524	5 321
	012 Electrical and electronic engineers	299 845	294 524	5 321
056	Industrial engineers	204 855	199 801	5 054
	013 Industrial engineers	204 855	199 801	5 054
	055 Operations and systems researchers and analysts	19 869	19 869	0
	154 Industrial engineering technicians	2 476	2 476	0
	245 Managers and administrators, n.e.c.	1 203	1 203	0
057	Mechanical engineers	183 244	181 440	1 804
	014 Mechanical engineers	183 244	181 440	1 804
058	Marine engineers and naval architects	182 096	180 292	1 804
	002 Architects	2 925	2 925	0
	014 Mechanical engineers	7 512	7 512	0
059	Engineers, n.e.c.	174 255	171 039	3 216
	006 Aeronautical and astronautical engineers	1 561	1 561	0
	023 Engineers, n.e.c.	171 289	168 773	2 516
	245 Managers and administrators, n.e.c.	601	601	0
063	Surveyors and mapping scientists	804	804	0
	161 Surveyors	804	804	0
064	Computer systems analysts and scientists	11 916	11 544	372
	003 Computer systems analysts	108 776	92 148	16 628
	004 Computer systems analysts	7 943	7 943	0
	005 Computer systems analysts	84 804	72 127	12 677
065	Operations and systems researchers and analysts	65 091	65 091	0
	055 Operations and systems researchers and analysts	65 091	65 091	0
066	Actuaries	5 219	5 219	0
	034 Actuaries	5 219	5 219	0
067	Statisticians	24 204	24 204	0
	036 Statisticians	24 204	24 204	0
068	Mathematical scientists, n.e.c.	8 145	8 145	0
	035 Mathematicians	8 145	8 145	0
069	Physicists and astronomers	21 778	20 821	957
	053 Physicists and astronomers	21 778	20 821	957

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		Experienced civilian labor force	Experienced civilian labor force	Percent of 1980 category
073	Chemists, except biochemists	94 897	83 577	11 320
	045 Chemists	94 897	83 577	11 320
074	Atmospheric and space scientists	5 780	5 240	540
	043 Atmospheric and space scientists	5 780	5 240	540
075	Geologists and geodesists	24 922	23 942	980
	011 Civil engineers	854	854	0
	051 Geologists	21 068	20 233	835
	052 Marine scientists	3 937	3 145	792
076	Physical scientists, n.e.c.	1 323	1 129	194
	054 Life and physical scientists, n.e.c.	1 323	1 129	194
077	Agricultural and food scientists	18 853	16 533	2 320
	042 Agricultural scientists	18 853	16 533	2 320
	044 Biological scientists	2 863	2 863	0
078	Biological and life scientists	27 902	27 902	0
	044 Biological scientists	27 902	27 902	0
	045 Chemists	2 717	2 717	0
	053 Physicists and astronomers	1 016	1 016	0
079	Forestry and conservation scientists	26 849	25 493	1 356
	025 Foresters and conservationists	26 849	25 493	1 356
083	Medical scientists	4 405	4 405	0
	044 Biological scientists	4 405	4 405	0
084	Physicians, medical and osteopathic	296 511	288 000	8 511
	065 Physicians, medical and osteopathic	296 511	288 000	8 511
	195 Research workers, not specified	294 869	287 282	7 587
	212 Health administrators	1 024	1 024	0
085	Dentists	95 228	91 864	3 364
	062 Dentists	95 228	91 864	3 364
086	Veterinarians	20 465	19 383	1 082
	072 Veterinarians	20 465	19 383	1 082
087	Optometrists	18 052	17 311	741
	063 Optometrists	18 052	17 311	741
088	Podiatrists	6 317	6 317	0
	071 Podiatrists	6 317	6 317	0
089	Health diagnosing practitioners, n.e.c.	15 431	13 762	1 669
	061 Chiropractors	15 431	13 762	1 669
	073 Health practitioners, n.e.c.	14 414	13 205	1 209
095	Registered nurses	816 473	20 951	795 522
	075 Registered nurses	816 473	20 951	795 522
096	Pharmacists	796 786	19 702	777 084
	064 Pharmacists	796 786	19 702	777 084
097	Deafness	115 633	101 824	14 009
	074 Deafness	115 633	101 824	14 009
098	Inhalation therapists	43 290	3 451	39 839
	076 Inhalation therapists	43 290	3 451	39 839
099	Occupational therapists	8 853	8 853	0
	076 Therapists	8 853	8 853	0
103	Physical therapists	16 734	2 335	14 399
	076 Therapists	16 734	2 335	14 399
104	Speech therapists	17 435	1 751	15 684
	078 Therapists	17 435	1 751	15 684
105	Therapists, n.e.c.	22 571	10 507	12 064
	078 Therapists	22 571	10 507	12 064
113	Earth, environmental, and marine science teachers	4 445	4 061	384
	103 Atmospheric, earth, marine, and space teachers	4 445	4 061	384
114	Biological science teachers	18 446	13 835	4 611
	104 Biology teachers	18 446	13 835	4 611
115	Chemistry teachers	16 590	14 564	2 026
	105 Chemistry teachers	16 590	14 564	2 026
116	Physics teachers	14 057	13 387	670
	110 Physics teachers	14 057	13 387	670
117	Natural science teachers, n.e.c.	2 868	2 868	0
	135 Miscellaneous teachers, college and university	2 868	2 868	0

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		Experienced civilian labor force	Experienced civilian labor force	Percent of 1980 category
118	Psychology teachers.....	12 665	9 334	100.00
119	114 Psychology teachers.....	12 665	9 334	100.00
120	Economics teachers.....	10 374	9 584	100.00
121	116 Economics teachers.....	10 374	9 584	100.00
122	History teachers.....	17 183	14 148	100.00
123	120 History teachers.....	17 183	14 148	100.00
124	Political science teachers.....	6 794	5 895	100.00
125	122 Social science teachers, n.e.c.	6 794	5 895	100.00
126	125 Miscellaneous teachers, college and university	7 090	5 363	100.00
127	121 Sociology teachers.....	7 090	5 363	100.00
128	Social science teachers, n.e.c.	6 506	4 707	100.00
129	122 Social science teachers, n.e.c.	6 506	4 707	100.00
130	Engineering teachers.....	18 049	17 002	100.00
131	110 Physics teachers.....	669	637	100.00
132	111 Engineering teachers.....	669	637	100.00
133	Mathematical science teachers.....	17 380	16 365	100.00
134	112 Mathematics teachers.....	17 380	16 365	100.00
135	Computer science teachers.....	26 821	21 531	100.00
136	112 Mathematics teachers.....	26 821	21 531	100.00
137	Medical science teachers.....	567	567	100.00
138	104 Biology teachers.....	567	567	100.00
139	113 Health specialties teachers.....	13 466	12 366	100.00
140	114 Psychology teachers.....	3 321	3 321	100.00
141	Business, commerce and marketing teachers.....	3 321	3 321	100.00
142	115 Business and commerce teachers.....	3 321	3 321	100.00
143	Agriculture and forestry teachers.....	10 145	9 045	100.00
144	102 Agriculture teachers.....	10 145	9 045	100.00
145	Art, drama, and music teachers.....	38 741	20 338	100.00
146	123 Art, drama, and music teachers.....	38 741	20 338	100.00
147	Physical education teachers.....	4 988	4 988	100.00
148	135 Miscellaneous teachers, college and university	13 815	13 815	100.00
149	124 Coaches and physical education teachers.....	13 815	13 815	100.00
150	Education teachers.....	7 800	5 435	100.00
151	125 Education teachers.....	7 800	5 435	100.00
152	English teachers.....	40 936	23 627	100.00
153	126 English teachers.....	40 936	23 627	100.00
154	Foreign language teachers.....	22 155	11 507	100.00
155	130 Foreign language teachers.....	22 155	11 507	100.00
156	Law teachers.....	3 067	2 857	100.00
157	132 Law teachers.....	3 067	2 857	100.00
158	Social work teachers.....	471	471	100.00
159	122 Social science teachers, n.e.c.	471	471	100.00
160	Theology teachers.....	471	471	100.00
161	133 Theology teachers.....	471	471	100.00
162	Miscellaneous teachers, college and university	5 325	4 382	100.00
163	135 Miscellaneous teachers, college and university	5 325	4 382	100.00
164	Trade and industrial teachers.....	3 529	2 792	100.00
165	134 Trade, industrial, and technical teachers.....	3 529	2 792	100.00
166	Home economics teachers.....	4 571	3 335	100.00
167	131 Home economics teachers.....	4 571	3 335	100.00
168	Teachers, postsecondary, n.e.c.	4 571	3 335	100.00
169	133 Postsecondary teachers, n.e.c.	4 571	3 335	100.00
170	Postsecondary teachers, subject not specified.....	4 571	3 335	100.00
171	134 Teachers, college and university, subject not specified.....	4 571	3 335	100.00
172	135 Teachers, college and university, subject not specified.....	4 571	3 335	100.00
173	Teachers, prekindergarten and kindergarten.....	134 934	101 484	100.00
174	136 Prekindergarten and kindergarten teachers.....	134 934	101 484	100.00
175	Teachers, elementary school.....	1 510 829	1 243 518	100.00
176	142 Elementary school teachers.....	1 510 829	1 243 518	100.00
177	Teachers, secondary school.....	1 063 313	856 298	100.00
178	144 Secondary school teachers.....	1 063 313	856 298	100.00
179	Teachers, special education.....	2 796	2 796	100.00
180	145 Teachers, except college and university, n.e.c.	2 796	2 796	100.00

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159	Teachers, n.e.c.	250 947	92 686	158 261
160	154 Farm management advisers.....	7 982	6 654	1 328
161	155 Farm management advisers.....	7 982	6 654	1 328
162	075 Registered.....	5 767	230	5 537
163	141 Adult education teachers.....	53 899	0	53 899
164	145 Teachers, except college and university, n.e.c.	159 144	47 162	111 977
165	163 Airplane pilots.....	1 324	1 324	0
166	160 Athletes and kindred workers.....	20 103	8 499	11 604
167	Counselors, educational and vocational.....	118 419	67 439	50 980
168	076 Therapists.....	5 292	4 086	1 206
169	174 Vocational and educational counselors.....	113 127	63 353	49 774
170	Librarians.....	130 372	23 304	107 068
171	032 Librarians.....	130 372	23 304	107 068
172	Archivists and curators.....	7 353	5 134	2 219
173	033 Archivists and curators.....	7 353	5 134	2 219
174	Economists.....	58 133	49 576	8 557
175	023 Engineers, n.e.c.	4 721	4 721	0
176	091 Economists.....	50 367	43 034	7 333
177	215 Inspectors, except construction, public administration	618	618	0
178	245 Managers and administrators, n.e.c.	29 545	18 095	11 450
179	093 Psychologists.....	29 545	18 095	11 450
180	Sociologists.....	1 406	900	506
181	094 Sociologists.....	1 406	900	506
182	Social scientists, n.e.c.	5 837	3 939	1 898
183	092 Political scientists.....	963	725	238
184	096 Social scientists, n.e.c.	3 706	2 612	1 094
185	194 Writers, artists, and entertainers, n.e.c.	1 168	602	566
186	Urban planners.....	9 585	8 375	1 210
187	095 Urban and regional planners.....	9 585	8 375	1 210
188	Social workers.....	241 588	90 653	150 935
189	100 Social workers.....	241 588	90 653	150 935
190	245 Managers and administrators, n.e.c.	9 093	8 422	671
191	Recreation workers.....	40 208	21 542	18 666
192	101 Recreation workers.....	40 208	21 542	18 666
193	Clergy.....	228 907	222 229	6 678
194	086 Clergy.....	228 907	222 229	6 678
195	Religious workers, n.e.c.	37 787	16 595	21 192
196	090 Religious workers, n.e.c.	37 787	16 595	21 192
197	Lawyers.....	272 679	16 595	256 084
198	031 Lawyers.....	272 679	16 595	256 084
199	Judges.....	14 924	13 974	950
200	030 Judges.....	12 895	11 945	950
201	222 Officials and administrators, public administration, n.e.c.	2 029	2 029	0
202	Authors.....	27 673	19 539	8 134
203	181 Authors.....	27 673	19 539	8 134
204	Technical writers.....	21 578	18 778	2 800
205	184 Editors and reporters.....	3 584	1 917	1 667
206	194 Writers, artists, and entertainers, n.e.c.	17 994	16 861	1 133
207	Designers.....	229 076	148 437	80 639
208	183 Designers.....	115 876	69 160	46 716
209	190 Painters and sculptors.....	17 650	15 164	2 486
210	245 Managers and administrators, n.e.c.	13 345	6 615	6 730
211	263 Sales clerks, retail trade.....	5 579	2 44	3 135
212	425 Decorators and window dressers.....	76 626	33 45	43 171
213	Musicians and composers.....	99 447	64 671	34 776
214	195 Musicians and composers.....	99 447	64 671	34 776
215	Actors and directors.....	34 896	23 569	11 329
216	175 Actors.....	14 896	9 929	4 967
217	194 Writers, artists, and entertainers, n.e.c.	2 975	2 269	706
218	245 Managers and administrators, n.e.c.	17 513	13 231	4 282
219	Printers, sculptors, craft artists, and artist prima donnas.....	87 681	53 501	34 180
220	190 Painters and sculptors.....	86 730	52 771	33 959
221	546 Stone cutters and stone carvers.....	730	730	0

Table 2. The 1980 Occupation Categories As Derived From The 1970 Occupation Classification System—Con.

[Data are the 1970 experienced civilian labor force. Numbers and percents may not add to total because of rounding.]

1980 code	1980 Occupation categories with their 1970 component categories and codes	Total	Male	Female
		Experienced labor force	Percent civilian labor force	Percent civilian labor force
189	Photographers	66 785	100.00	100.00
	189 Photographers	2 636	95.36	0
193	Dancers	64 149	100.00	100.00
	193 Dancers	7 370	100.00	0
194	Artists, performers, and related workers, n.e.c.	49 251	100.00	100.00
	194 Artists, performers, and related workers, n.e.c.	1 322	2.68	0
195	195 Writers, artists, and entertainers, n.e.c.	3 093	91.04	8.96
	195 Writers, artists, and entertainers, n.e.c.	44 836	100.00	0
197	Editors and reporters	154 087	100.00	100.00
	197 Editors and reporters	79 531	100.00	0
198	Public relations specialists and publicity writers	79 292	99.20	0.80
	198 Public relations specialists and publicity writers	22 807	100.00	0
199	Athletes	37 638	100.00	100.00
	199 Athletes	3 739	9.93	0
203	TECHNICIANS AND RELATED SUPPORT	33 699	90.07	9.93
	203 Technicians and related support	34 865	100.00	0
204	Clinical laboratory technologists and technicians	125 786	100.00	100.00
	204 Clinical laboratory technologists and technicians	16 932	100.00	0
205	Dental hygienists	16 932	100.00	100.00
	205 Dental hygienists	11 911	100.00	0
206	Health record technologists and technicians	55 204	100.00	100.00
	206 Health record technologists and technicians	55 204	100.00	0
207	Radiologic technologists and technicians	264 575	100.00	100.00
	207 Radiologic technologists and technicians	985	37	0
208	Licensed practical nurses	260 286	96.36	3.64
	208 Licensed practical nurses	66 873	100.00	0
213	Health technologists and technicians, n.e.c.	63 952	95.63	4.37
	213 Health technologists and technicians, n.e.c.	158 770	100.00	0
214	Electrical and electronic technicians	152 984	96.36	3.64
	214 Electrical and electronic technicians	12 793	100.00	0
215	Industrial engineering technicians	12 793	100.00	100.00
	215 Industrial engineering technicians	12 793	100.00	0
216	Mechanical engineering technicians	13 685	100.00	100.00
	216 Mechanical engineering technicians	13 685	100.00	0
217	Engineering technicians, n.e.c.	213 268	100.00	100.00
	217 Engineering technicians, n.e.c.	1 068	51	0
218	Surveying and mapping technicians	3 504	76.23	23.77
	218 Surveying and mapping technicians	162 844	100.00	0
223	Biological technicians	34 571	100.00	100.00
	223 Biological technicians	34 571	100.00	0
224	Chemical technicians	64 374	100.00	100.00
	224 Chemical technicians	2 749	4.27	0
225	151 Chemical technicians	61 625	95.73	4.27

Table 2. The 1980 Occupation Categories As Derived From The 1970 Occupation Classification System—Con.

[Data are the 1970 experienced civilian labor force. Numbers and percents may not add to total because of rounding.]

1980 code	1980 Occupation categories with their 1970 component categories and codes	Total	Male	Female
		Experienced labor force	Percent civilian labor force	Percent civilian labor force
225	Science technicians, n.e.c.	34 170	100.00	100.00
	225 Science technicians, n.e.c.	349	1.02	0
226	151 Chemical technicians	2 695	8.12	7.25
	226 Chemical technicians	7 427	29.64	1.83
227	154 Industrial engineering technicians	8 862	3.03	1.13
	227 Industrial engineering technicians	21 854	57.82	7.66
228	162 Mathematical technicians	59 381	100.00	100.00
	228 Mathematical technicians	53 089	89.13	89.24
229	163 Aerospace technicians	6 472	10.76	17.47
	229 Aerospace technicians	26 815	100.00	1.498
230	170 Flight engineers	26 815	100.00	1.498
	230 Flight engineers	35 401	100.00	7.988
231	Air traffic controllers	13 440	100.00	17.31
	231 Air traffic controllers	86 60	100.00	7.988
232	Broadcast equipment operators	4 745	13.40	4.745
	232 Broadcast equipment operators	163 845	100.00	100.00
233	171 Radio operators	163 845	100.00	100.00
	233 Radio operators	3 313	100.00	2.749
234	Computer programmers	3 313	100.00	6.215
	234 Computer programmers	10 596	61.22	14.14
235	Tool programmers, numerical control	1 158	6.69	4.17
	235 Tool programmers, numerical control	3 108	17.96	50.01
236	Legal assistants	85 641	100.00	21.586
	236 Legal assistants	695	0	695
237	245 Managers and administrators, n.e.c.	5 800	9.05	0
	237 Managers and administrators, n.e.c.	4 367	5.10	3.343
238	321 Estimators and inspectors, n.e.c.	5 077	5.93	5.22
	238 Estimators and inspectors, n.e.c.	39 913	46.61	7.53
239	394 Miscellaneous clerical workers	28 907	33.75	31.848
	239 Miscellaneous clerical workers	286	0	286
240	Technicians, n.e.c.	596	33	0
	240 Technicians, n.e.c.	64 655	100.00	21.586
241	183 Radiologic technologists and technicians	695	8.71	0
	241 Radiologic technologists and technicians	5 800	9.05	0
242	182 Engineering and science technicians, n.e.c.	4 367	5.10	3.343
	242 Engineering and science technicians, n.e.c.	5 077	5.93	5.22
243	173 Technicians, n.e.c. not specified	39 913	46.61	7.53
	243 Technicians, n.e.c. not specified	28 907	33.75	31.848
244	453 Jewelers and watchmakers	286	0	286
	244 Jewelers and watchmakers	596	33	0
245	640 Miscellaneous operators, n.e.c.	596	33	0
	245 Miscellaneous operators, n.e.c.	596	33	0
246	SALES OCCUPATIONS	1 350 683	100.00	100.00
	246 Sales occupations	9 618	71	238 574
247	205 Buyers, wholesale and retail trade	12 761	94	2 144
	247 Buyers, wholesale and retail trade	63 968	6.22	36
248	231 Sales managers and department heads, retail trade	16 556	1.23	10 660
	248 Sales managers and department heads, retail trade	1 215 667	90.00	52 099
249	242 Demonstrators	2 688	14	14 381
	249 Demonstrators	2 688	14	14 381
250	265 Insurance agents, brokers, and underwriters	2 688	14	14 381
	250 Insurance agents, brokers, and underwriters	2 688	14	14 381
251	441 Blue-collar worker supervisors, n.e.c.	3 574	26	1 869
	251 Blue-collar worker supervisors, n.e.c.	3 574	26	1 869
252	782 Stock handlers	2 441	18	3 574
	252 Stock handlers	2 441	18	3 574
253	Insurance sales occupations	475 505	100.00	0
	253 Insurance sales occupations	475 505	100.00	0
254	Real estate sales occupations	302 434	100.00	100.00
	254 Real estate sales occupations	279 470	92.41	60 559
255	363 Real estate agents and brokers	22 964	7.59	92 987
	255 Real estate agents and brokers	105 029	100.00	98 999
256	Securities and financial services sales occupations	105 029	100.00	10.52
	256 Securities and financial services sales occupations	95 168	100.00	9 861
257	245 Managers and administrators, n.e.c.	104 428	99.43	0
	257 Managers and administrators, n.e.c.	68 313	100.00	9 861
258	Advertising and related sales occupations	54 326	100.00	100.00
	258 Advertising and related sales occupations	54 326	100.00	100.00
259	Sales occupations, other business services	141 094	100.00	100.00
	259 Sales occupations, other business services	39 576	100.00	12 482
260	285 Sales representatives, services and construction	39 576	100.00	100.00
	260 Sales representatives, services and construction	104 209	67.86	12 482
261	321 Estimators and inspectors, n.e.c.	4 021	2.62	7 161
	261 Estimators and inspectors, n.e.c.	5 101	3.70	3.76
262	390 Ticket, station, and express agents	5 101	3.70	5.88
	262 Ticket, station, and express agents	56 922	100.00	4.71
263	Sales engineers	57 349	100.00	427
	263 Sales engineers	57 349	100.00	427

Table 2. The 1980 Occupation Categories As Derived From The 1970 Occupation Classification System—Con.

Data are the 1970 experienced civilian labor force. Numbers and percents may not add to total because of rounding.

[illegible]

Table 2. The 1980 Occupation Categories As Derived From The 1970 Occupation Classification System—Con.

[Data are the 1970 experienced civilian labor force. Numbers and percents may not add to total because of rounding]										[Data are the 1970 experienced civilian labor force. Numbers and percents may not add to total because of rounding]										[Data are the 1970 experienced civilian labor force. Numbers and percents may not add to total because of rounding]													
1980 code	Total					Male					Female					1980 code	Total					Male					Female						
	Experienced labor force	Percent of 1980 category	Experienced civilian labor force	Percent of 1980 category	Experienced labor force	Experienced civilian labor force	Percent of 1980 category	Experienced labor force	Percent of 1980 category	Experienced civilian labor force	Experienced labor force	Percent of 1980 category	Experienced civilian labor force	Percent of 1980 category	Experienced labor force		Experienced civilian labor force	Percent of 1980 category	Experienced labor force	Percent of 1980 category	Experienced civilian labor force	Experienced labor force	Percent of 1980 category	Experienced civilian labor force	Percent of 1980 category	Experienced labor force	Percent of 1980 category	Experienced civilian labor force	Percent of 1980 category				
669	1980 Occupation categories with their 1970 component categories and codes					1980 code					1980 code					1980 Occupation categories with their 1970 component categories and codes					1980 code					1980 code							
	Shoe repairers	47 679	100.00	35 426	100.00	69 83	100.00	12 253	100.00	893	Adjusters and calibrators	6 797	100.00	0	0	Adjusters and calibrators	6 797	100.00	0	0	Adjusters and calibrators	6 797	100.00	0	0	Adjusters and calibrators	6 797	100.00	0	0			
	542 Shoe repairers	30 346	63.65	24 737	69.83	5 099	45.78	6 644	54.22	694	602 Assemblers	20 383	100.00	20 383	100.00	545 Stationary engineers	17 385	84.46	17 385	100.00	0	0	545 Stationary engineers	17 385	84.46	17 385	100.00	0	0				
	571 Craft and kindred workers, n.e.c.	11 790	24.73	5 146	14.53	6 644	54.22	6 644	54.22	694	Water and sewage treatment plant operators	3 198	15.54	3 198	15.54	666 Furnace tenders and stokers, except metal	3 198	15.54	3 198	15.54	666 Furnace tenders and stokers, except metal	3 198	15.54	3 198	15.54	666 Furnace tenders and stokers, except metal	3 198	15.54	3 198	15.54			
	690 Machine operatives, miscellaneous specified	2 869	6.02	2 869	8.10	0	0	0	0	895	Power plant operators	22 035	100.00	22 035	100.00	525 Power station operators	19 017	86.31	19 017	86.31	525 Power station operators	19 017	86.31	19 017	86.31	525 Power station operators	19 017	86.31	19 017	86.31			
	694 Miscellaneous operatives	2 674	5.61	2 674	7.55	0	0	0	0	895	545 Stationary engineers	19 017	100.00	19 017	100.00	666 Furnace tenders and stokers, except metal	3 198	8.67	3 198	8.67	666 Furnace tenders and stokers, except metal	3 198	8.67	3 198	8.67	666 Furnace tenders and stokers, except metal	3 198	8.67	3 198	8.67			
	Apparel and fabric patternmakers	574	100.00	574	100.00	574	100.00	4 096	100.00	0	0	545 Stationary engineers	146 582	100.00	146 582	100.00	545 Stationary engineers	146 582	100.00	146 582	100.00	545 Stationary engineers	146 582	100.00	146 582	100.00	545 Stationary engineers	146 582	100.00	146 582	100.00		
	690 Machine operatives, miscellaneous specified	10 306	100.00	5 810	100.00	4 496	100.00	4 096	100.00	0	0	666 Furnace tenders and stokers, except metal	142 875	98.74	142 875	98.74	666 Furnace tenders and stokers, except metal	142 875	98.74	142 875	98.74	666 Furnace tenders and stokers, except metal	142 875	98.74	142 875	98.74	666 Furnace tenders and stokers, except metal	142 875	98.74	142 875	98.74		
	Miscellaneous precision apparel and fabric workers	444 Furriers	3 314	33.14	2 810	42.36	605	13.46	1 617	35.97	896	Miscellaneous plant and system operators	144 740	98.74	144 740	98.74	Miscellaneous plant and system operators	144 740	98.74	144 740	98.74	Miscellaneous plant and system operators	144 740	98.74	144 740	98.74	Miscellaneous plant and system operators	144 740	98.74	144 740	98.74		
	551 Tailors	2 341	22.71	724	12.46	1 617	724	12.46	1 617	724	896	436 Excavating, grading, and road machine operators, except bulldozers	30 184	100.00	30 184	100.00	436 Excavating, grading, and road machine operators, except bulldozers	30 184	100.00	30 184	100.00	436 Excavating, grading, and road machine operators, except bulldozers	30 184	100.00	30 184	100.00	436 Excavating, grading, and road machine operators, except bulldozers	30 184	100.00	30 184	100.00		
571 Craft and kindred workers, n.e.c.	735	7.13	735	12.65	2 274	50.58	2 274	50.58	0	0	545 Stationary engineers	2 810	9.31	2 810	9.31	545 Stationary engineers	2 810	9.31	2 810	9.31	545 Stationary engineers	2 810	9.31	2 810	9.31	545 Stationary engineers	2 810	9.31	2 810	9.31			
675	1980 Occupation categories with their 1970 component categories and codes					1980 code					1980 code					1980 Occupation categories with their 1970 component categories and codes					1980 code					1980 code							
	636 Milliners	2 478	24.04	204	3.51	2 274	50.58	2 274	50.58	0	0	666 Machine operatives, miscellaneous specified	11 329	37.53	11 329	37.53	666 Machine operatives, miscellaneous specified	11 329	37.53	11 329	37.53	666 Machine operatives, miscellaneous specified	11 329	37.53	11 329	37.53	666 Machine operatives, miscellaneous specified	11 329	37.53	11 329	37.53		
	694 Miscellaneous operatives	1 337	12.97	1 337	23.01	0	0	0	0	0	690 Machine operatives, miscellaneous specified	8 034	26.62	8 034	26.62	690 Machine operatives, miscellaneous specified	8 034	26.62	8 034	26.62	690 Machine operatives, miscellaneous specified	8 034	26.62	8 034	26.62	690 Machine operatives, miscellaneous specified	8 034	26.62	8 034	26.62			
	Hand molders and shapers, except jewelers	50 289	100.00	44 857	100.00	5 432	100.00	5 432	100.00	0	0	684 Miscellaneous operatives	1 337	4.43	1 337	4.43	684 Miscellaneous operatives	1 337	4.43	1 337	4.43	684 Miscellaneous operatives	1 337	4.43	1 337	4.43	684 Miscellaneous operatives	1 337	4.43	1 337	4.43		
	190 Painters and sculptors	607	1.21	607	1.35	0	0	0	0	0	684 Miscellaneous operatives	1 337	4.43	1 337	4.43	684 Miscellaneous operatives	1 337	4.43	1 337	4.43	684 Miscellaneous operatives	1 337	4.43	1 337	4.43	684 Miscellaneous operatives	1 337	4.43	1 337	4.43			
	503 Molders, metal except apprentices	36 445	72.47	32 095	71.55	4 350	80.08	4 350	80.08	0	0	684 Miscellaneous operatives	1 337	4.43	1 337	4.43	684 Miscellaneous operatives	1 337	4.43	1 337	4.43	684 Miscellaneous operatives	1 337	4.43	1 337	4.43	684 Miscellaneous operatives	1 337	4.43	1 337	4.43		
	504 Molders, metal except apprentices	737	1.47	721	1.61	16	0.03	16	0.03	0	0	684 Miscellaneous operatives	1 337	4.43	1 337	4.43	684 Miscellaneous operatives	1 337	4.43	1 337	4.43	684 Miscellaneous operatives	1 337	4.43	1 337	4.43	684 Miscellaneous operatives	1 337	4.43	1 337	4.43		
	543 Sign painters and letterers	512	1.02	512	1.14	0	0	0	0	0	684 Miscellaneous operatives	1 337	4.43	1 337	4.43	684 Miscellaneous operatives	1 337	4.43	1 337	4.43	684 Miscellaneous operatives	1 337	4.43	1 337	4.43	684 Miscellaneous operatives	1 337	4.43	1 337	4.43			
	546 Stone cutters and stone carvers	5 801	11.14	5 107	11.47	694	9.09	694	9.09	0	0	684 Miscellaneous operatives	1 337	4.43	1 337	4.43	684 Miscellaneous operatives	1 337	4.43	1 337	4.43	684 Miscellaneous operatives	1 337	4.43	1 337	4.43	684 Miscellaneous operatives	1 337	4.43	1 337	4.43		
	571 Craft and kindred workers, n.e.c.	5 146	10.23	5 146	11.47	0	0	0	0	0	684 Miscellaneous operatives	1 337	4.43	1 337	4.43	684 Miscellaneous operatives	1 337	4.43	1 337	4.43	684 Miscellaneous operatives	1 337	4.43	1 337	4.43	684 Miscellaneous operatives	1 337	4.43	1 337	4.43			
676	1980 Occupation categories with their 1970 component categories and codes					1980 code					1980 code					1980 Occupation categories with their 1970 component categories and codes					1980 code					1980 code							
	690 Machine operatives, miscellaneous specified	669	1.33	669	1.49	0	0	0	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0			
	Patternmakers, layout workers, and cutters	7 789	100.00	4 802	100.00	2 987	100.00	2 987	100.00	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0		
	183 Designers	1 370	17.57	0	0	0	0	0	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0			
	514 Pattern and model makers, except paper	3 753	48.12	3 063	63.79	690	23.02	690	23.02	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0		
	561 Tool and die makers, except apprentices	2 676	34.31	1 739	36.21	937	31.26	937	31.26	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0		
	Optical goods workers	30 489	99.98	23 025	100.00	7 474	91.78	7 474	91.78	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0		
	505 Opticians, and lens grinders and polishers	29 885	97.99	23 025	100.00	6 860	91.78	6 860	91.78	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0	690 Machine operatives, miscellaneous specified	669	1.49	0	0		
	694 Miscellaneous operatives	614	2.01	0	0	0	0	0	0	0	694 Miscellaneous operatives	614	2.01	0	0	694 Miscellaneous operatives	614	2.01	0	0	694 Miscellaneous operatives	614	2.01	0	0	694 Miscellaneous operatives	614	2.01	0	0			
	Dental laboratory and medical appliance technicians	28 310	100.00	21 728	100.00	6 582	100.00	6 582	100.00	0	0	694 Miscellaneous operatives	614	2.01	0	0	694 Miscellaneous operatives	614	2.01	0	0	694 Miscellaneous operatives	614	2.01	0	0	694 Miscellaneous operatives	614	2.01	0	0		
678	1980 Occupation categories with their 1970 component categories and codes					1980 code					1980 code					1980 Occupation categories with their 1970 component categories and codes					1980 code					1980 code							
	426 Dental laboratory technicians	28 310	100.00	21 728	100.00	6 582	100.00	6 582	100.00	0	0	694 Miscellaneous operatives	614	2.01	0	0	694 Miscellaneous operatives	614	2.01	0	0	694 Miscellaneous operatives	614	2.01	0	0	694 Miscellaneous operatives	614	2.01	0	0		
	Bookbinders	33 862	100.00	14 782	100.00	19 180	100.00	19 180	100.00	0	0	694 Miscellaneous operatives	614	2.01	0	0	694 Miscellaneous operatives	614	2.01	0	0	694 Miscellaneous operatives	614	2.01	0	0	694 Miscellaneous operatives	614	2.01	0	0		
	405 Bookbinders	33 231	97.85	14 782	100.00	18 449	98.19	18 449	98.19	0	0	694 Miscellaneous operatives	614	2.01	0	0	694 Miscellaneous operatives	614	2.01	0	0	694 Miscellaneous operatives	614	2.01	0	0	694 Miscellaneous operatives	614	2.01	0	0		
	692 Machine operatives, not specified	731	2.15	0	0	0	0	0	0	0	692 Machine operatives, not specified	731	2.15	0	0	692 Machine operatives, not specified	731	2.15	0	0	692 Machine operatives, not specified	731	2.15	0	0	692 Machine operatives, not specified	731	2.15	0	0			
	Electrical and electronic equipment assemblers	189 160	100.00	41 530	100.00	147 630	98.61	147 630	98.61	0	0	692 Machine operatives, not specified	731	2.15	0	0	692 Machine operatives, not specified	731	2.15	0	0	692 Machine operatives, not specified	731	2.15	0	0	692 Machine operatives, not specified	731	2.15	0	0		
	602 Assemblers	188 014	99.39	40 956	96.62	147 058	98.61	147 058	98.61	0	0	692 Machine operatives, not specified	731	2.15	0	0	692 Machine operatives, not specified	731	2.15	0	0	692 Machine operatives, not specified	731	2.15	0	0	692 Machine operatives, not specified	731	2.15	0	0		
	690 Machine operatives, miscellaneous specified	1 146	81	574	1.38	572	39	572	39	0	0	690 Machine operatives, miscellaneous specified	1 146	81	574	1.38	572	39	572	39	0	0	690 Machine operatives, miscellaneous specified	1 146	81	574	1.38	572	39	572	39	0	0
	Miscellaneous precision workers, n.e.c.	9 940	100.00	5 521	100.00	4 419	100.00	4 419	100.00	0	0	690 Machine operatives, miscellaneous specified	1 146	81	574	1.38	572	39	572	39	0	0	690 Machine operatives, miscellaneous specified	1 146	81	574	1.38	572	39	572	39	0	0
	641 Mixing operations	631	6.35	0	0	0	0	0	0	0	641 Mixing operations	631	6.35	0	0	641 Mixing operations	631	6.35	0	0	641 Mixing operations	631	6.35	0	0	641 Mixing operations	631	6.35	0	0			
683	1980 Occupation categories with their 1970 component categories and codes					1980 code					1980 code					1980 Occupation categories with their 1970 component categories and codes					1980 code					1980 code							
	653 Precision machine operatives, n.e.c.	5 509	55.42	4 890	88.57	619	14.01	619	14.01	0	0	653 Precision machine operatives, n.e.c.	5 509	55.42	4 890	88.57	619	14.01	619	14.01	0	0	653 Precision machine operatives, n.e.c.	5 509	55.42	4 890	88.57	619	14.01	619	14.01	0	0
	681 Winding operatives, n.e.c.	773	7.78	0	0	0	0	0	0	0	681 Winding operatives, n.e.c.	773	7.78	0	0	681 Winding operatives, n.e.c.	773	7.78	0	0	681 Winding operatives, n.e.c.	773	7.78	0	0								

Table 2. The 1980 Occupation Categories As Derived From The 1970 Occupation Classification System—Con.

[Data are the 1970 experienced civilian labor force. Numbers and percents may not add to total because of rounding.]

1980 code	1980 occupation categories with their 1970 component categories and codes	Total			Male			Female			Total			Male			Female		
		Experienced civilian labor force	Percent of 1980 category	Percent of 1970 category	Experienced civilian labor force	Percent of 1980 category	Percent of 1970 category	Experienced civilian labor force	Percent of 1980 category	Percent of 1970 category	Experienced civilian labor force	Percent of 1980 category	Percent of 1970 category	Experienced civilian labor force	Percent of 1980 category	Percent of 1970 category	Experienced civilian labor force	Percent of 1980 category	Percent of 1970 category
717	Fabricating machine operators, n.e.c.	57 296	100.00	100.00	36 989	100.00	100.00	20 307	100.00	100.00	154 648	100.00	100.00	42 088	100.00	100.00	112 560	100.00	100.00
	660 Riveters and fasteners	24 579	42.90	33.32	12 324	33.32	60.35	12 255	60.35	60.35	152 963	98.91	98.91	42 088	100.00	100.00	112 560	98.90	98.90
	690 Machine operatives, miscellaneous specified	24 080	42.03	16 642	44.99	36.63	60.35	7 438	36.63	60.35	1 685	1.09	1.09	0	0.00	0.00	1 685	1.10	1.10
719	Molding and casting machine operators	155 869	100.00	100.00	100 773	100.00	100.00	55 096	100.00	100.00	90 403	100.00	100.00	38 219	100.00	100.00	51 274	100.00	100.00
	503 Molders, metal except apprentices	21 673	13.90	19 111	12.62	4.38	2 416	4.38	2 416	4.38	55 256	61.06	61.06	25 841	65.90	65.90	21 293	41.53	41.53
	621 Fiers, polishers, sanders, and buffers	21 629	13.90	19 111	12.62	4.38	2 416	4.38	2 416	4.38	55 256	61.06	61.06	25 841	65.90	65.90	21 293	41.53	41.53
	663 Sewers and stitchers	616	40	0	0	0	0	0	0	0	2 294	2.54	2.54	1 722	4.39	4.39	572	1.12	1.12
	690 Machine operatives, miscellaneous specified	124 944	80.16	72 320	72.32	52 084	94.50	52 084	94.50	94.50	6 649	100.00	100.00	4 239	100.00	100.00	4 410	100.00	100.00
723	Metal plating machine operators	37 956	100.00	100.00	33 445	100.00	100.00	4 511	100.00	100.00	1 141	13.21	13.21	2 356	55.58	55.58	2 956	67.26	67.26
	753 Freight and material handlers	35 090	92.45	31 723	94.85	3 367	74.64	3 367	74.64	74.64	830	9.00	9.00	0	0.00	0.00	830	13.92	13.92
	690 Machine operatives, miscellaneous specified	2 866	7.55	1 722	5.15	1 144	25.36	1 144	25.36	25.36	314	3.52	3.52	0	0.00	0.00	314	4.84	4.84
724	Heat treating equipment operators	31 242	100.00	100.00	30 325	100.00	100.00	917	100.00	100.00	974 675	100.00	100.00	52 838	100.00	100.00	921 837	100.00	100.00
	445 Heat treating equipment operators	22 302	71.38	21 642	71.37	660	2.11	660	2.11	2.11	955 933	96.07	96.07	51 116	96.74	96.74	904 787	98.15	98.15
	571 Craft and kindred workers, n.e.c.	7 470	23.91	7 213	23.79	257	28.03	257	28.03	28.03	1 229	1.45	1.45	0	0.00	0.00	1 229	1.13	1.13
725	Miscellaneous metal and plastic processing machine operators	16 106	100.00	100.00	15 534	100.00	100.00	572	100.00	100.00	127 210	100.00	100.00	36 638	100.00	100.00	90 572	100.00	100.00
	690 Machine operatives, miscellaneous specified	14 345	89.07	13 773	88.66	572	100.00	572	100.00	100.00	2 976	2.34	2.34	1 374	3.75	3.75	2 602	1.77	1.77
	780 Miscellaneous laborers	1 761	10.64	1 030	6.66	0	0.00	0	0.00	0.00	70 016	55.02	55.02	27 266	18.60	18.60	36 315	40.10	40.10
726	Wood lathe, routing, and planing machine operators	6 743	100.00	100.00	6 743	100.00	100.00	0	0.00	0.00	8 584	1.37	1.37	374	1.57	1.57	8 010	8.84	8.84
	612 Cutting operatives, n.e.c.	2 945	43.67	2 945	43.67	0	0.00	0	0.00	0.00	2 510	1.37	1.37	669	1.83	1.83	1 841	2.03	2.03
	652 Lathe and milling machine operators	2 650	39.30	2 650	39.30	0	0.00	0	0.00	0.00	189 315	100.00	100.00	48 711	100.00	100.00	150 604	100.00	100.00
	690 Machine operatives, miscellaneous specified	1 148	17.03	1 148	17.03	0	0.00	0	0.00	0.00	194 323	97.80	97.80	46 004	94.44	94.44	148 919	98.88	98.88
727	Sawing machine operators	124 098	100.00	100.00	112 904	100.00	100.00	11 194	100.00	100.00	4 392	2.20	2.20	2 707	5.56	5.56	1 685	1.12	1.12
	612 Cutting operatives, n.e.c.	589	4.7	589	5.2	0	0.00	0	0.00	0.00	196 383	100.00	100.00	69 245	100.00	100.00	127 138	100.00	100.00
	662 Sawyers	113 110	91.15	102 746	91.00	10 364	92.59	10 364	92.59	92.59	601	0.31	0.31	601	0.87	0.87	0	0.00	0.00
	695 Not specified operatives	10 389	8.38	9 589	8.48	830	7.41	830	7.41	7.41	13 387	6.82	6.82	5 520	7.97	7.97	7 867	6.19	6.19
728	Shaping and joining machine operators	4 107	100.00	100.00	2 391	100.00	100.00	1 716	100.00	100.00	180 452	91.68	91.68	62 388	90.10	90.10	118 044	92.85	92.85
	690 Machine operatives, miscellaneous specified	3 438	83.71	1 722	72.02	1 716	100.00	1 716	100.00	100.00	1 736	0.97	0.97	0	0.00	0.00	1 736	1.46	1.46
	694 Miscellaneous operatives	669	16.29	669	27.96	0	0.00	0	0.00	0.00	246 031	100.00	100.00	130 802	100.00	100.00	115 229	100.00	100.00
729	Nailing and tacking machine operators	6 153	100.00	100.00	4 621	100.00	100.00	1 532	100.00	100.00	5 804	2.36	2.36	2 726	2.06	2.06	3 078	2.67	2.67
	660 Riveters and fasteners	19 123	100.00	16 262	100.00	2 861	100.00	2 861	100.00	100.00	21 442	8.72	8.72	16 280	12.45	12.45	5 162	4.48	4.48
733	Miscellaneous woodworking machine operators	1 735	100.00	100.00	1 735	100.00	100.00	0	0.00	0.00	183 016	74.39	74.39	92 039	70.37	70.37	90 980	78.96	78.96
	614 Drillers, earth	1 734	9.17	1 734	10.79	0	0.00	0	0.00	0.00	28 077	1.40	1.40	4 680	10.97	10.97	13 731	11.92	11.92
	690 Machine operatives, miscellaneous specified	16 634	86.98	13 773	84.69	2 861	100.00	2 861	100.00	100.00	5 907	2.40	2.40	3 58	3.58	3.58	1 227	1.06	1.06
734	Printing machine operators	238 020	100.00	100.00	209 535	100.00	100.00	28 485	100.00	100.00	47 706	100.00	100.00	26 537	100.00	100.00	21 169	100.00	100.00
	422 Compositors and typesetters, except apprentices	70 771	29.73	59 205	28.28	11 566	40.80	11 566	40.80	40.80	45 271	94.90	94.90	24 102	90.82	90.82	21 169	100.00	100.00
	423 Printing trade apprentices, except printing press	4 084	1.72	3 854	1.81	230	0.81	230	0.81	0.81	1 030	1.00	1.00	1 680	3.88	3.88	0	0.00	0.00
	530 Printing press operators, except apprentices	154 260	64.81	140 530	67.07	13 730	48.18	13 730	48.18	48.18	669	1.40	1.40	1 680	2.52	2.52	0	0.00	0.00
	531 Printing press apprentices	3 038	1.28	2 975	1.42	63	0.22	63	0.22	0.22	736	1.54	1.54	736	2.77	2.77	0	0.00	0.00
	690 Machine operatives, miscellaneous specified	4 584	1.93	2 295	1.10	2 289	8.03	2 289	8.03	8.03	1 176	4.8	4.8	731	3.56	3.56	445	3.9	3.9
735	Photographers and lithographers	1 283	100.00	100.00	669	32	614	100.00	614	100.00	148 838	100.00	100.00	81 156	100.00	100.00	67 680	100.00	100.00
	422 Compositors and typesetters, except apprentices	31 715	100.00	28 167	100.00	3 548	100.00	3 548	100.00	100.00	58 856	35.54	35.54	35 354	43.32	43.32	23 086	35.03	35.03
	515 Photoengravers and lithographers	1 117	3.52	1 117	3.97	0	0.00	0	0.00	0.00	43 225	29.03	29.03	13 525	27.28	27.28	21 087	31.16	31.16
	530 Printing press operators, except apprentices	22 723	71.65	20 192	71.69	2 531	71.34	2 531	71.34	71.34	44 892	30.03	30.03	21 805	28.67	28.67	22 865	33.81	33.81
	690 Machine operatives, miscellaneous specified	7 301	23.02	6 284	22.31	1 017	28.66	1 017	28.66	28.66	2 061	1.38	1.38	2 061	2.34	2.34	0	0.00	0.00
736	Typesetters and compositors	89 505	100.00	75 067	100.00	14 438	100.00	14 438	100.00	100.00	25 232	100.00	100.00	19 511	100.00	100.00	5 721	100.00	100.00
	422 Compositors and typesetters, except apprentices	83 020	92.75	68 697	91.51	14 323	99.20	14 323	99.20	99.20	130 039	100.00	100.00	120 853	100.00	100.00	9 186	100.00	100.00
	515 Photoengravers and lithographers	2 942	3.05	2 728	2.57	215	0.80	215	0.80	0.80	10 611	8.16	8.16	7 868	6.51	6.51	2 743	29.86	29.86
	530 Printing press operators, except apprentices	1 714	1.91	1 714	2.28	0	0.00	0	0.00	0.00	2 248	1.73	1.73	2 248	1.96	1.96	0	0.00	0.00
	Miscellaneous printing machine operators	40 534	100.00	22 093	100.00	18 441	100.00	18 441	100.00	100.00	25 999	19.99	19.99	23 556	19.49	19.49	2 443	36.59	36.59
737	405 Bookbinders	3 202	7.90	3 202	8.21	0	0.00	0	0.00	0.00	70 906	54.53	54.53	67 480	55.84	55.84	3 428	37.32	37.32
	422 Printing trade apprentices, except printing press	511	1.26	482	2.18	29	0.16	29	0.16	0.16	18 936	14.56	14.56	18 364	15.20	15.20	572	6.23	6.23
	434 Electrotypers and stereotypers	7 583	18.73	7 280	32.55	313	9.15	313	9.15	9.15	1 337	1.03	1.03	1 337	1.11	1.11	0	0.00	0.00
	515 Photoengravers and lithographers	7 145	17.63	5 457	24.70	1 688	10.00	1 688	10.00	10.00	78 991	100.00	100.00	75 614	100.00	100.00	3 377	100.00	100.00
	650 Punch and stamping press operatives	638	1.57	638	2.89	0	0.00	0	0.00	0.00	10 483	13.27	13.27	8 822	11.67	11.67	1 661	49.19	49.19
	680 Machine operatives, miscellaneous specified	5 733	14.14	4 017	18.18	1 716	9.31	1 716	9.31	9.31	3 578	4.53	4.53	3 578	4.73	4.73	0	0.00	0.00
	692 Machine operatives, not specified	13 761	33.95	2 061	9.33	11 700	63.45	11 700	63.45	63.45	60 250	76.27	76.27	58 534	77.41	77.41	1 716	50.81	50.81
	694 Miscellaneous operatives	1 951	4.81	1 337	6.05	0	0.00	0	0.00	0.00	4 680	5.92	5.92	4 680	6.19	6.19	0	0.00	0.00

Table 2. The 1980 Occupation Categories As Derived From The 1970 Occupation Classification System—Con.

[Data are the 1970 experienced civilian labor force. Numbers and percents may not add to total because of rounding.]

1980 code	1980 Occupation categories with their 1970 component categories and codes	Total	Male	Female	Percent of 1980 category	1980 code	1980 Occupation categories with their 1970 component categories and codes	Total	Male	Female	Percent of 1980 category
799	Graders and sorters, except agricultural—Con 640 Packers and wrappers, except meat and produce 640 Machine operatives, miscellaneous specified 694 Miscellaneous operatives, n.e.c. 753 Freight and material handlers	2 410 1 720 6 356 3 359	2 223 1 559 5 88 3 11	0 572 3 687 1 402	0 2.67 6.69 4.89	848	Hosts and winch operators 424 Crane, derrick, and hoist operators 571 Craft and kindred workers, n.e.c. 640 Mine operatives, n.e.c. 690 Machine operatives, miscellaneous specified 694 Miscellaneous operatives, n.e.c. 753 Freight and material handlers	9 935 22 131 9 905 8 944 8 944 669 1 304	9 935 22 131 9 905 8 944 8 944 669 1 304	0 44.76 3.32 40.41 2.59 3.02 5.89	0 44.76 3.32 40.41 2.59 3.02 5.89
803	Supervisors, motor vehicle operators 245 Managers and administrators, n.e.c. 441 Blue-collar worker supervisors, n.e.c.	23 260 1 804 21 456	100.00 7.76 92.24	725 801 20 731	100.00 8.01 91.99	849	Crane and lower operators 424 Crane, derrick, and hoist operators Excavating and loading machine operators, except pl 436 Excavating, grading, and road machine operators, except bulldozer	141 458 141 458 74 122 67 991	141 458 141 458 74 122 67 991	100.00 100.00 100.00 91.73	100.00 100.00 100.00 91.73
804	Truck drivers, heavy 715 Truck drivers	1 525 844 1 525 102	100.00 99.95	21 975 21 946	100.00 99.87	853	Excavating and loading machine operators, except pl 436 Excavating, grading, and road machine operators, except bulldozer 753 Freight and material handlers	4 174 1 957 1 957	4 174 1 957 1 957	5.63 2.64 2.64	5.63 2.64 2.64
805	Truck drivers, light 331 Mail carriers, post office 705 Delivery and route workers 715 Truck drivers	428 923 665 404 285 23 973	100.00 16 94.26 5.59	23 130 67 991 382 609 22 510	100.00 16 94.26 5.59	855	Grader, dozer, and scraper operators 412 Bulldozer operators 436 Excavating, grading, and road machine operators, except bulldozer 640 Mine operatives, n.e.c.	111 170 61 126 49 448 596	111 170 61 126 49 448 596	100.00 100.00 100.00 100.00	100.00 100.00 100.00 100.00
806	Driver-sales workers 285 Sales workers, services and construction 705 Delivery and route workers 715 Truck drivers	288 811 1 645 285 915 1 251	100.00 57 99.00 43	1 275 1 275 285 915 1 251	100.00 57 99.00 43	856	Industrial truck and tractor equipment operators 412 Bulldozer operators 436 Excavating, grading, and road machine operators, except bulldozer 640 Mine operatives, n.e.c.	293 736 40 968 40 968 596	293 736 40 968 40 968 596	100.00 13.95 13.95 54	100.00 13.95 13.95 54
808	Bus drivers 703 Bus drivers	257 705 257 705	100.00 100.00	73 011 73 011	100.00 100.00	859	690 Machine operatives, miscellaneous specified 706 Fork lift and low motor operators Miscellaneous material moving equipment operators	7 867 243 724 113 307	7 867 243 724 113 307	2.68 82.97 6.68	2.68 82.97 6.68
809	Taxicab drivers and chauffeurs 714 Taxicab drivers and chauffeurs	169 114 169 114	100.00 100.00	9 784 9 784	100.00 100.00	859	424 Crane, derrick, and hoist operators 436 Excavating, grading, and road machine operators, except bulldozer 690 Machine operatives, miscellaneous specified 694 Mine operatives, n.e.c.	13 950 13 950 16 896 3 17	13 950 13 950 16 896 3 17	13.95 13.95 16.896 3.17	13.95 13.95 16.896 3.17
813	Parking lot attendants 711 Parking attendants	34 965 34 965	100.00 100.00	1 297 1 297	100.00 100.00	859	545 Stationary engineers 640 Mine operatives, n.e.c. 690 Machine operatives, miscellaneous specified 694 Mine operatives, n.e.c.	3 597 3 597 19 497 19 497	3 597 3 597 19 497 19 497	3.78 3.78 19.497 19.497	3.78 3.78 19.497 19.497
814	Motor transportation occupations, n.e.c. 412 Bulldozer operators 715 Truck drivers	1 173 1 173 625	100.00 100.00 35.96	1 173 1 173 625	100.00 100.00 35.96	859	690 Machine operatives, miscellaneous specified 694 Mine operatives, n.e.c. 690 Machine operatives, miscellaneous specified 694 Mine operatives, n.e.c.	16 896 3 17 16 896 3 17	16 896 3 17 16 896 3 17	16.896 3.17 16.896 3.17	16.896 3.17 16.896 3.17
823	Railroad conductors and yardmasters 226 Railroad conductors 245 Managers and administrators, n.e.c.	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	690 Machine operatives, miscellaneous specified 694 Mine operatives, n.e.c. 690 Machine operatives, miscellaneous specified 694 Mine operatives, n.e.c.	16 896 3 17 16 896 3 17	16 896 3 17 16 896 3 17	16.896 3.17 16.896 3.17	16.896 3.17 16.896 3.17
824	Locomotive engineers 445 Locomotive engineers 704 Locomotive engineers, train and freight 710 Rail vehicle and material handlers, n.e.c.	81 267 53 042 14 375 3 269	100.00 65.27 17.69 4.05	80 439 52 624 14 216 3 204	100.00 65.27 17.69 4.05	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	14 280 29 544 29 544 8 165	14 280 29 544 29 544 8 165	12.60 26.07 26.07 8.25	12.60 26.07 26.07 8.25
825	Railroad brake operators and couplers 640 Mine operatives, n.e.c. 690 Not specified operators 712 Railroad switch operators	103 471 2 385 51 560 48 770	100.00 2.30 49.85 47.13	102 076 2 385 50 991 47 726	100.00 2.34 49.95 46.99	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
826	Rail vehicle operators, n.e.c. 712 Railroad switch operators 712 Railroad switch operators	53 352 41 324 48 770	100.00 77.46 47.13	32 900 40 877 47 726	100.00 77.46 47.13	859	710 Rail vehicle operators, n.e.c. 753 Freight and material handlers 753 Freight and material handlers 753 Freight and material handlers	10 101 8 165 8 165 7 843	10 101 8 165 8 165 7 843	6.91 8.25 8.25 7.843	6.91 8.25 8.25 7.843
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Table 2. The 1980 Occupation Categories As Derived From The 1970 Occupation Classification System—Con.

[Data are the 1970 experienced civilian labor force. Numbers and percents may not add to total because of rounding.]

1980 code	1980 Occupation categories with their 1970 component categories and codes	Total	Male	Female
		Experienced civilian labor force	Experienced civilian labor force	Experienced civilian labor force
		Percent of 1980 category	Percent of 1980 category	Percent of 1980 category
873	Production helpers	173 311	142 985	30 326
	873 Tailors	724	724	0
	874 Tool and die makers, except apprentices	580	580	0
	875 Laundry and dry cleaning operators, n.e.c.	4 859	4 859	0
	876 Meat cutters and butchers, except manufacturing	9 063	4 025	5 038
	877 Meat cutters and butchers, except manufacturing	623	613	10
	878 Weavers	545	545	0
	879 Machine operatives, miscellaneous specified	13 197	12 625	572
	880 Machine operatives, not specified	1 462	1 462	0
	881 Miscellaneous operatives	129 686	106 977	22 709
	882 Not specified operatives	2 208	2 208	0
	883 Construction laborers, except carpenters' helpers	654	654	0
	884 Miscellaneous laborers	2 922	2 922	0
	885 Not specified laborers	6 167	6 167	0
875	Garbage collectors	81 250	79 935	1 315
876	Shovelers	44 385	43 665	720
877	Stock handlers and baggers	557 188	487 581	69 597
	877 Machine operatives, miscellaneous specified	1 953	1 953	0
	878 Miscellaneous operatives	574	574	0
	879 Stock handlers	669	669	0
	880 Machine feeders and offsetters	553 992	484 395	69 597
	881 Stone cutters and stone carvers	119 929	90 565	29 364
	882 Spinners, twistors, and winders	22 493	20 675	1 818
	883 Textile operatives, n.e.c.	1 744	1 744	0
	884 Machine operatives, miscellaneous specified	6 880	6 880	0
	885 Miscellaneous operatives	12 374	10 332	2 042
	886 Not specified operatives	5 527	5 527	0
	887 Freight and material handlers	46 485	38 776	7 709
	888 Miscellaneous laborers	1 461	1 461	0
	889 Not specified laborers	22 235	18 548	3 687
883	Freight, stock, and material handlers, n.e.c.	547 538	517 878	29 660
	883 Machine operatives, miscellaneous specified	1 722	1 722	0
	884 Machine operatives, not specified	1 030	1 030	0
	885 Miscellaneous operatives	7 355	7 355	0
	886 Not specified operatives	736	736	0
	887 Freight and material handlers	529 634	500 890	28 744
	888 Miscellaneous laborers	4 363	4 363	0
	889 Not specified laborers	2 878	2 878	0
885	Garage and service station related occupations	483 097	469 072	14 025
887	Garage workers and gas station attendants	483 097	469 072	14 025
	887 Vehicle washers and equipment cleaners	143 397	128 723	14 674
	888 Miscellaneous operatives	6 017	6 017	0
888	Vehicle washers and equipment cleaners	137 380	122 706	14 674
	888 Hand packers and packagers	612 290	204 403	407 887
	889 Checkers, examiners, and inspectors, manufacturing	639	639	0
	890 Meat wrappers, retail trade	49 498	3 316	46 182
	891 Packers and wrappers, except meat and produce	552 063	196 618	355 465
	892 Miscellaneous operatives	1 283	1 283	0
	893 Not specified operatives	1 660	1 660	0
	894 Freight and material handlers	1 957	1 957	0
	895 Stock handlers	2 511	2 511	0
	896 Miscellaneous laborers	2 511	2 511	0
889	Laborers, except construction	997 130	842 556	154 574
	890 Mine operatives, n.e.c.	12 522	12 522	0
	891 Machine operatives, miscellaneous specified	10 889	10 889	0
	892 Miscellaneous operatives	71 143	36 773	34 370
	893 Not specified operatives	23 006	23 006	0
	894 Freight and material handlers	15 799	13 696	2 103
	895 Stock handlers	94 835	56 170	38 665
	896 Warehouse laborers, n.e.c.	122 483	117 934	4 549
	897 Miscellaneous laborers	189 029	171 671	17 358
	898 Not specified laborers	457 424	406 132	51 292

Table 2. The 1980 Occupation Categories As Derived From The 1970 Occupation Classification System—Con.

[Data are the 1970 experienced civilian labor force. Numbers and percents may not add to total because of rounding.]

1980 code	1980 Occupation categories with their 1970 component categories and codes	Total	Male	Female
		Experienced civilian labor force	Experienced civilian labor force	Experienced civilian labor force
		Percent of 1980 category	Percent of 1980 category	Percent of 1980 category
905	WORKERS NOT CLASSIFIED BY OCCUPATION	35 540	34 025	1 515
	Unemployed, last job armed forces	35 540	34 025	1 515
	360 Former members of the armed forces	35 540	34 025	1 515

Table 2. The 1980 Occupation Categories As Derived From The 1970 Occupation Classification System—Con.

[Data are the 1970 experienced civilian labor force. Numbers and percents may not add to total because of rounding.]

1980 code	1980 Occupation categories with new 1970 component categories and codes	Total	Male	Female	Percent of 1980 civilian labor force	Percent of 1980 civilian labor force	Percent of 1980 civilian labor force
		Experienced civilian labor force	Experienced civilian labor force	Experienced civilian labor force	1980	1970	1970
259	Sales representatives, mining, manufacturing, and wholesale.	1 033 061	981 820	52 241	100.0	100.0	100.0
	233 Sales managers, except retail trade.	14	928	544	76	86	86
	245 Managers and administrators, n.e.c.	7 829	3 717	4 112	37.6	41.0	41.0
	281 Sales representatives, manufacturing industries.	392 162	382 943	29 219	75	75	75
	282 Sales representatives, wholesale trade.	608 258	568 949	39 309	58.8	55.8	55.8
	283 Sales clerks, retail trade.	17 527	16 868	659	1.7	1.7	1.7
	285 Sales workers, services and construction.	5 009	4 111	898	0.5	0.5	0.5
	321 Estimators and investigators, n.e.c.	804	0	804	0.1	0.1	0.1
263	Sales workers, motor vehicles and boats.	245 076	238 360	6 716	100.0	100.0	100.0
	282 Sales representatives, wholesale trade.	9 100	8 264	836	3.7	12.4	12.4
	283 Sales clerks, retail trade.	39 976	36 571	3 405	16.3	19.6	19.6
	284 Sales workers, except clerks, retail trade.	185 160	182 394	2 766	75.5	41.9	41.9
	285 Sales workers, services and construction.	10 840	9 045	1 795	4.2	26.3	26.3
	Sales workers, apparel.	547 368	108 942	438 426	100.0	100.0	100.0
264	Sales workers, retail trade.	547 368	108 942	438 426	100.0	100.0	100.0
	283 Sales clerks, retail trade.	125 579	66 880	58 699	100.0	100.0	100.0
	285 Sales workers, services and construction.	125 579	66 880	58 699	100.0	100.0	100.0
265	Sales workers, shoes.	150 092	144 148	5 944	100.0	100.0	100.0
	283 Sales clerks, retail trade.	51 151	34 086	17 065	33.4	33.4	33.4
	285 Sales workers, services and construction.	98 941	65 92	33 029	65.6	66.6	66.6
266	Sales workers, furniture and home furnishings.	114 150	108 942	5 208	100.0	100.0	100.0
	283 Sales clerks, retail trade.	33 214	29 10	4 114	29.1	29.1	29.1
	285 Sales workers, services and construction.	76 674	67 17	9 507	67.1	70.9	70.9
267	Sales workers, radio, television, h.w., and appliances.	114 150	108 942	5 208	100.0	100.0	100.0
	283 Sales clerks, retail trade.	33 214	29 10	4 114	29.1	29.1	29.1
	285 Sales workers, services and construction.	76 674	67 17	9 507	67.1	70.9	70.9
268	Sales workers, hardware and building supplies.	126 325	102 282	24 043	100.0	100.0	100.0
	283 Sales clerks, retail trade.	143 835	118 782	25 053	61.7	73.5	73.5
	285 Sales workers, services and construction.	81 668	36 08	45 588	36.0	26.5	26.5
269	Sales workers, parts.	142 745	136 216	6 529	100.0	100.0	100.0
	281 Sales representatives, manufacturing industries.	794	56	738	0.6	0.6	0.6
	282 Sales representatives, wholesale trade.	51 458	48 949	2 509	35.3	38.4	38.4
	283 Sales clerks, retail trade.	49 728	34 84	14 884	34.8	40.3	40.3
	284 Sales workers, except clerks, retail trade.	39 120	27 41	11 709	27.4	21.8	21.8
	285 Sales workers, services and construction.	1 645	1 15	490	0.1	0.1	0.1
274	Sales workers, other commodities.	1 588 582	1 039 347	549 235	100.0	100.0	100.0
	220 Office managers, n.e.c.	1 535	1 030	505	0.1	0.1	0.1
	245 Managers and administrators, n.e.c.	9 145	8 804	341	0.6	0.6	0.6
	262 Demonstrators.	1 431	0	1 431	0.1	0.1	0.1
	270 Real estate agents and brokers.	1 334	1 334	0	0.1	0.1	0.1
	282 Sales representatives, wholesale trade.	12 480	10 807	1 673	8.4	10.3	10.3
	283 Sales clerks, retail trade.	1 438 518	403 437	1 035 081	90.5	93.1	93.1
	284 Sales workers, except clerks, retail trade.	16 008	9 784	6 224	0.1	0.1	0.1
	285 Sales workers, services and construction.	104 238	65 47 691	38 767	6.5	5.0	5.0
	762 Stock handlers.	3 893	3 893	0	0.3	0.3	0.3
	Sales counter clerks.	169 276	23 377	145 899	100.0	100.0	100.0
	285 Sales workers, services and construction.	5 385	3 18	2 207	0.0	0.0	0.0
	314 Counter clerks, except food.	163 891	96 82	67 069	96.8	96.8	96.8
275	Cashiers.	962 643	100 000	862 643	100.0	100.0	100.0
	283 Sales clerks, retail trade.	53 664	5 57	48 097	5.4	6.1	6.1
	310 Cashiers.	907 215	94 24	813 000	94.2	93.7	93.7
	374 Shipping and receiving clerks.	568	0	568	0.1	0.1	0.1
	390 Ticket, station, and express agents.	1 176	0	1 176	0.1	0.1	0.1
276	Street and door-to-door sales workers.	209 880	41 380	168 500	100.0	100.0	100.0
	282 Demonstrators.	30 494	14 53	15 964	14.5	17.2	17.2
	284 Hucksters and peddlers.	130 921	26 945	103 976	61.7	61.7	61.7
	281 Sales representatives, manufacturing industries.	8 038	3 283	4 755	3.6	3.6	3.6
	282 Sales representatives, wholesale trade.	6 123	2 92	3 201	1.0	1.0	1.0
	283 Sales clerks, retail trade.	11 955	5 70	6 255	1.0	1.0	1.0
	284 Sales workers, except clerks, retail trade.	20 267	9 69	10 577	0.2	0.2	0.2
	285 Sales workers, services and construction.	2 067	966	1 101	0.0	0.0	0.0
277	News vendors.	73 497	60 929	12 568	100.0	100.0	100.0
	286 Newspaper carriers and vendors.	69 092	57 843	11 249	89.5	89.5	89.5
	281 Sales representatives, manufacturing industries.	2 383	2 383	0	0.0	0.0	0.0
	283 Sales clerks, retail trade.	2 022	2 75	0	0.0	0.0	0.0
283	Demonstrators, promoters and models, sales.	9 481	2 326	7 155	100.0	100.0	100.0
	262 Demonstrators.	9 481	2 326	7 155	100.0	100.0	100.0

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1980 code	1980 Occupation categories with their 1970 component categories and codes	Total	Male	Female
		Experienced civilian labor force	Percent of 1980 civilian labor force	Percent of 1980 civilian labor force
284	Auctioneers.	5 153	100.0	323
285	Sales support occupations, n.e.c.	5 153	100.0	323
286	Sales clerks, retail trade	5 274	100.0	5 274
		5 274	100.0	5 274

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1980 code	1980 Occupation categories with their 1970 component categories and codes	Total			Male			Female		
		Experienced civilian labor force	Percent of 1980 civilian labor force	Percent of 1970 civilian labor force	Experienced civilian labor force	Percent of 1980 civilian labor force	Percent of 1970 civilian labor force	Experienced civilian labor force	Percent of 1980 civilian labor force	Percent of 1970 civilian labor force
315	Typists.....	1 034 883	100.0	52 467	52 467	100.0	982 426	982 426	100.0	344
	325 File clerks.....	16 815	1.62	1 187	1 187	2.26	15 628	15 628	1.59	
	391 Typists.....	1 018 078	98.38	97.74	97.74	98.41	966 798	966 798	98.41	
316	Interviewers.....	83 878	100.0	22 584	22 584	100.0	61 294	61 294	100.0	345
	210 Credit and collection managers.....	2 849	3.40	14 761	14 761	65.38	2 849	2 849	4.65	
	320 Enumerators and interviewers.....	66 379	78.14	1 608	1 608	7.12	51 618	51 618	84.21	
	394 Miscellaneous clerical workers.....	5 116	6.10	6 215	6 215	27.52	3 319	3 319	5.41	
317	Hotel clerks.....	9 534	11.37	23 377	23 377	100.0	21 690	21 690	100.0	346
	314 Counter clerks, except food.....	45 067	100.0	23 377	23 377	100.0	21 690	21 690	100.0	
318	Transportation ticket and reservation agents.....	75 384	100.0	41 283	41 283	100.0	34 111	34 111	100.0	347
	394 Miscellaneous clerical workers.....	72 928	96.74	38 418	38 418	95.48	34 510	34 510	98.27	
319	Receptionists.....	1 965	2.47	1 865	1 865	4.52	1 100	1 100	5.41	
	394 Miscellaneous clerical workers.....	324 520	100.0	15 915	15 915	100.0	308 605	308 605	100.0	348
323	Information clerks, n.e.c.....	20 190	100.0	11 187	11 187	100.0	9 003	9 003	100.0	349
	394 Miscellaneous clerical workers.....	17 825	88.29	11 187	11 187	100.0	6 638	6 638	73.73	
325	Classified-ad clerks.....	2 672	100.0	2 672	2 672	100.0	2 371	2 371	100.0	350
	394 Miscellaneous clerical workers.....	6 722	100.0	4 351	4 351	100.0	2 371	2 371	100.0	
326	Correspondence clerks.....	49 402	100.0	32 827	32 827	100.0	16 575	16 575	100.0	351
	314 Counter clerks, except food.....	35 518	71.90	29 388	29 388	89.52	6 130	6 130	45.85	
327	Order clerks.....	9 208	100.0	1 608	1 608	4.90	7 600	7 600	100.0	352
	324 Estimators and inspectors, n.e.c.....	588	6.29	1 119	1 119	17.16	2 845	2 845	17.16	
	394 Miscellaneous clerical workers.....	4 088	43.71	1 243	1 243	3.79	2 845	2 845	17.16	
328	Personal clerks, except payroll and timekeeping.....	20 491	100.0	4 024	4 024	100.0	16 467	16 467	100.0	353
	321 Estimators and inspectors, n.e.c.....	12 499	61.00	2 781	2 781	68.11	9 716	9 716	59.01	
	394 Miscellaneous clerical workers.....	7 407	36.15	1 243	1 243	30.89	6 164	6 164	37.43	
329	Library clerks.....	132 068	100.0	27 748	27 748	100.0	104 320	104 320	100.0	354
	325 File clerks.....	130 132	98.58	26 497	26 497	95.49	103 635	103 635	99.40	
	330 Library attendants and assistants.....	1 251	0.95	1 251	1 251	4.51	1 685	1 685	100.0	
335	File clerks.....	376 184	100.0	70 293	70 293	100.0	305 891	305 891	100.0	355
	325 File clerks.....	372 064	98.90	67 633	67 633	96.22	304 431	304 431	98.52	
	394 Miscellaneous clerical workers.....	3 498	0.93	2 038	2 038	2.80	1 460	1 460	4.00	
336	Records clerks.....	56 586	100.0	20 779	20 779	100.0	35 807	35 807	100.0	356
	321 Estimators and inspectors, n.e.c.....	1 668	2.95	668	668	3.21	1 169	1 169	3.26	
	394 Miscellaneous clerical workers.....	1 169	2.07	0	0	0	1 169	1 169	3.26	
	394 Miscellaneous clerical workers.....	40 975	72.41	13 209	13 209	63.57	27 766	27 766	67.54	
	394 Miscellaneous clerical workers.....	10 662	18.84	4 972	4 972	23.93	5 690	5 690	15.89	
	394 Miscellaneous clerical workers.....	1 830	3.21	1 830	1 830	9.29	0	0	0	
337	Bookkeepers, accounting, and auditing clerks.....	1 707 380	100.0	324 161	324 161	100.0	1 383 219	1 383 219	100.0	357
	301 Accountants.....	31 467	1.84	24 387	24 387	7.52	7 080	7 080	2.19	
	304 Bookkeepers.....	1 655 285	97.18	295 301	295 301	91.10	1 376 139	1 376 139	97.81	
	304 Bookkeepers.....	2 287	0.13	619	619	2.1	1 668	1 668	0.13	
	304 Bookkeepers.....	8 589	0.50	0	0	0	8 589	8 589	0.50	
	304 Bookkeepers.....	581	0.03	0	0	0	581	581	0.03	
	304 Bookkeepers.....	1 865	0.11	1 865	1 865	0.58	0	0	0	
338	Payroll and timekeeping clerks.....	154 540	100.0	44 958	44 958	100.0	109 581	109 581	100.0	358
	304 Bookkeepers.....	123 159	80.00	21 138	21 138	100.0	102 021	102 021	100.0	
339	Billing clerks.....	116 668	100.0	20 443	20 443	96.71	96 225	96 225	99.73	359
	304 Bookkeepers.....	6 395	5.48	695	695	3.29	5 700	5 700	4.86	
	394 Miscellaneous clerical workers.....	26 672	23.00	17 371	17 371	100.0	9 301	9 301	6.27	
343	Cost and rate clerks.....	12 966	46.61	5 562	5 562	32.02	7 404	7 404	20.40	360
	394 Miscellaneous clerical workers.....	13 706	51.39	11 809	11 809	67.98	1 897	1 897	13.81	

Table 2. The 1980 Occupation Categories As Derived From The 1970 Occupation Classification System—Con.

[Data are the 1970 experienced civilian labor force. Numbers and percents may not add to total because of rounding.]

1980 code	1980 Occupation categories with their 1970 component categories and codes	Total			Male		Female	
		Experienced labor force	Percent of 1980 category	Percent of 1970 category	Experienced labor force	Percent of 1980 category	Experienced labor force	Percent of 1970 category
344	Billing, posting, and calculating machine operators.....	107 580	100.0	10 007	100.0	97 573	100.0	
	341 Bookkeeping and billing machine operators.....	68 383	63.56	7 297	72.92	61 086	61.086	
	342 Calculating machine operators.....	37 146	34.71	2 710	27.08	34 436	35.35	
345	375 Statistical clerks.....	1 851	1.72	0	0	1 851	1.851	
	Duplicating machine operators.....	23 433	100.0	9 615	100.0	13 818	100.0	
	344 Duplicating machine operators.....	22 450	95.81	9 615	100.0	12 835	92.92	
346	355 Office machine operators, n.e.c.....	983	4.19	0	0	983	7.11	
	Mail preparing and paper handling machine operators.....	14 175	100.0	3 361	100.0	10 814	100.0	
	355 Office machine operators, n.e.c.....	25 271	100.0	10 033	100.0	15 238	100.0	
347	Office machine operators, n.e.c.....	24 649	97.54	9 411	93.80	15 238	100.0	
	355 Office machine operators, n.e.c.....	622	2.46	622	6.20	0	0	
	394 Miscellaneous clerical workers.....	403 027	100.0	24 389	100.0	378 638	100.0	
348	Telephone operators.....	403 027	100.0	24 389	100.0	378 638	100.0	
	385 Telephone operators.....	13 324	100.0	9 403	100.0	3 921	100.0	
	Telegraphers.....	13 324	100.0	9 403	100.0	3 921	100.0	
349	384 Telegraph operators.....	316 033	100.0	214 972	100.0	101 061	100.0	
	Postal clerks, except mail carriers.....	482	16	0	0	482	16	
	361 Postal clerks.....	315 611	99.84	214 972	100.0	100 639	99.55	
355	Mail carriers, postal service.....	269 507	100.0	247 880	100.0	21 627	100.0	
	331 Mail carriers, postal office.....	269 507	100.0	247 880	100.0	21 627	100.0	
	Mail clerks, except postal service.....	134 227	100.0	74 515	100.0	59 712	100.0	
356	332 Mail handlers, except post office.....	134 227	100.0	74 515	100.0	59 712	100.0	
	Messengers.....	63 416	100.0	50 911	100.0	12 505	100.0	
	323 Messengers, except post office.....	690	1.09	690	1.36	0	0	
359	Dispatchers, including telegraph, and office helpers.....	62 726	98.91	50 221	98.64	12 505	100.0	
	245 Managers and administrators, n.e.c.....	72 716	100.0	61 638	100.0	11 078	100.0	
	315 Dispatchers and starters, vehicle.....	4 811	6.62	4 811	7.81	0	0	
363	323 Expeditors and production controllers.....	64 587	88.62	53 509	86.81	11 078	100.0	
	375 Statistical clerks.....	1 232	2.69	1 232	3.38	0	0	
	Production coordinators.....	2 086	2.67	2 086	3.38	0	0	
64	245 Managers and administrators, n.e.c.....	157 891	100.0	127 007	100.0	30 884	100.0	
	314 Counter clerks, except food.....	601	0.38	601	0.47	0	0	
	323 Expeditors and production controllers.....	139 485	88.46	112 704	88.74	26 781	87.31	
65	375 Statistical clerks.....	2 813	1.03	685	3.5	926	3.02	
	390 Ticket, station, and express agents.....	464	2.9	464	3.7	0	0	
	394 Miscellaneous clerical workers.....	2 813	1.78	1 865	1.47	948	3.05	
66	762 Stock handlers.....	11 557	7.33	10 010	7.88	1 547	5.04	
	Traffic, shipping, and receiving clerks.....	433 235	100.0	378 452	100.0	56 783	96.96	
	374 Shipping and receiving clerks.....	404 905	93.46	348 710	93.63	56 195	98.96	
68	390 Ticket, station, and express agents.....	19 138	4.42	18 550	4.93	588	1.04	
	394 Miscellaneous clerical workers.....	8 060	1.87	8 060	2.15	0	0	
	762 Stock handlers.....	1 112	2.6	1 112	3.0	0	0	
69	Stock and inventory clerks.....	501 269	100.0	378 566	100.0	122 703	100.0	
	323 Expeditors and production controllers.....	3 557	7.1	3 078	8.1	479	3.35	
	381 Stock clerks and storekeepers.....	489 354	97.62	374 931	98.04	114 423	93.35	
73	674 Textile operatives, n.e.c.....	842	1.7	0	0	842	2.3	
	762 Stock handlers.....	7 516	1.50	556	1.5	6 960	5.67	
	334 Meter readers, utilities.....	35 509	100.0	34 592	100.0	917	100.0	
74	Weighters, measurers, and checkers.....	30 498	100.0	22 346	73.26	8 152	26.74	
	374 Shipping and receiving clerks.....	29 199	32.26	22 346	33.58	6 853	23.12	
	375 Statistical clerks.....	7 410	8.19	7 410	10.0	0	0	
75	382 Weighers.....	44 092	48.72	30 707	46.14	13 385	55.88	
	394 Miscellaneous clerical workers.....	9 797	10.83	9 797	14.01	0	0	
	Samplers.....	5 791	100.0	5 791	100.0	0	0	
76	395 Not specified clerical workers.....	5 791	100.0	5 791	100.0	0	0	
	Expeditors.....	74 768	100.0	51 494	100.0	23 274	100.0	
	321 Estimators and investigators, n.e.c.....	3 362	4.50	1 608	3.12	1 754	7.44	
77	323 Expeditors and production controllers.....	71 406	95.50	49 866	96.88	21 540	92.46	
	Material recording, scheduling, and distributing clerks, n.e.c.....	13 922	100.0	7 458	100.0	6 464	100.0	
	394 Miscellaneous clerical workers.....	13 922	100.0	7 458	100.0	6 464	100.0	
78	Insurance adjusters, examiners, and investigators.....	101 667	100.0	71 831	100.0	29 836	100.0	
	321 Estimators and investigators, n.e.c.....	2 338	2.30	0	0	2 338	7.84	
	326 Insurance adjusters, examiners, and investigators.....	99 329	97.70	71 831	100.0	27 498	100.0	

Table 2. The 1980 Occupation Categories As Derived From The 1970 Occupation Classification System—Con.

[Data are the 1970 experienced civilian labor force. Numbers and percents may not add to total because of rounding.]

1980 code	1980 Occupation categories with their 1970 component categories and codes	Total		Male		Female	
		Experienced civilian labor force	Percent of 1980 category	Experienced civilian labor force	Percent of 1980 category	Experienced civilian labor force	Percent of 1980 category
446	Health aides, except nursing.....	137 749	100.00	118 255	100.00	116 245	100.00
	084 Therapy assistants.....	3 462	2.51	1 152	5.36	2 310	1.99
	922 Health aides, except nursing.....	134 287	97.49	20 342	94.64	113 945	98.01
	Nursing aides, orderlies, and attendants.....	898 298	100.00	123 617	100.00	774 681	100.00
	075 Registered nurses.....	89 147	9.92	2 955	2.39	86 192	11.13
	364 Receptionists.....	591	0.07	0	0.00	591	0.08
448	924 Lay midwives.....	766	0.09	150	12	616	0.08
	925 Nursing aides, orderlies, and attendants.....	803 232	89.42	120 512	97.49	682 720	88.13
	926 Practical nurses.....	4 562	0.51	0	0.00	4 562	0.59
	Supervisors, cleaning and building service workers.....	63 092	100.00	49 500	100.00	13 592	100.00
	245 Managers and administrators, n.e.c.....	1 804	2.86	1 804	3.64	0	0.00
	441 Blue-collar worker supervisors, n.e.c.....	6 444	10.21	5 719	11.55	725	5.33
	901 Lodging quarters cleaners, except private household.....	9 524	15.10	5 861	11.84	3 663	25.13
	902 Building interior cleaners, n.e.c.....	36 924	58.52	34 715	70.13	2 209	16.25
	903 Janitors and sextons.....	4 395	6.97	815	1.65	3 580	26.34
	950 Housekeepers, except private household.....	509 936	100.00	29 420	100.00	480 516	100.00
449	901 Lodging quarters cleaners, except private household.....	222 695	43.67	5 856	19.90	216 839	45.13
	902 Building interior cleaners, n.e.c.....	278 671	54.65	22 856	77.69	255 815	53.24
	903 Janitors and sextons.....	2 917	0.57	708	2.41	2 209	46
	933 Attendants, personal service, n.e.c.....	641	1.3	0	0.00	641	1.3
	950 Housekeepers, except private household.....	5 012	0.98	0	0.00	5 012	1.04
	Janitors and cleaners.....	1 562 433	100.00	1 359 698	100.00	202 825	100.00
	785 Not specified laborers.....	881	0.06	881	0.06	0	0.00
	901 Lodging quarters cleaners, except private household.....	5 270	3.4	5 270	3.9	0	0.00
	902 Building interior cleaners, n.e.c.....	215 108	13.77	185 192	13.62	29 916	14.75
	903 Janitors and sextons.....	1 340 533	85.60	1 168 265	85.93	172 268	84.93
454	933 Attendants, personal service, n.e.c.....	641	0.04	0	0.00	641	0.32
	Elevator operators.....	40 181	100.00	29 000	100.00	11 181	100.00
	943 Elevator operators.....	40 181	100.00	29 000	100.00	11 181	100.00
	Pest control occupations.....	27 413	100.00	27 413	100.00	0	0.00
	694 Miscellaneous operatives.....	27 413	100.00	27 413	100.00	0	0.00
	Supervisors, personal service occupations.....	21 869	100.00	13 811	100.00	7 878	100.00
	095 Personnel and labor relations workers.....	1 804	3.55	0	0.00	769	9.76
	245 Managers and administrators, n.e.c.....	8 086	8.32	1 804	13.06	0	0.00
	932 Attendants, recreation and amusement.....	2 085	38.76	7 513	54.40	893	11.34
	935 Baggage porters and bellhops.....	2 463	11.36	2 031	14.71	54	6.69
455	942 Child care workers, except private household.....	619	2.39	0	0.00	519	6.59
	944 Housekeepers and cosmetologists.....	2 463	9.61	2 463	17.83	0	0.00
	950 Housekeepers, except private household.....	179 620	100.00	169 968	94.63	8 652	4.81
	Barbers.....	5 012	23.11	0	0.00	5 012	63.62
	935 Barbers.....	179 620	100.00	169 968	94.63	8 652	100.00
	945 Personal service apprentices.....	178 081	99.14	169 341	98.83	8 740	90.55
	Headresters and cosmetologists.....	1 539	0.86	627	3.7	912	9.45
	933 Barbers.....	526 361	100.00	53 300	100.00	473 061	100.00
	944 Hairdressers and cosmetologists.....	2 463	4.7	2 463	4.62	0	0.00
	Attendants, amusement and recreation facilities.....	523 898	98.53	50 837	95.38	473 061	100.00
459	314 Counter clerks, except food.....	54 670	100.00	40 379	100.00	14 291	100.00
	932 Attendants, recreation and amusement.....	668	1.22	668	1.65	0	0.00
	Guides.....	54 002	98.78	39 711	98.35	14 291	100.00
	925 Nursing aides, orderlies, and attendants.....	8 397	100.00	5 832	100.00	2 565	100.00
	933 Attendants, personal service, n.e.c.....	768	9.15	768	13.17	0	0.00
	Urbans.....	7 629	90.85	5 064	86.83	2 565	100.00
465	932 Attendants, recreation and amusement.....	22 788	100.00	15 998	100.00	6 790	100.00
	953 Janitors, recreation and amusement.....	6 079	26.68	4 293	26.83	1 786	26.30
	Public transportation attendants.....	16 709	73.32	11 705	73.17	5 004	73.70
	704 Conductors and operators, urban rail transit.....	44 569	100.00	8 444	100.00	36 125	100.00
	931 Flight attendants.....	7 124	15.98	6 941	82.20	183	51
	933 Attendants, personal service, n.e.c.....	36 804	82.58	1 503	17.80	35 301	97.72
466	Baggage porters and bellhops.....	641	1.44	0	0.00	641	1.77
	934 Baggage porters and bellhops.....	19 292	100.00	18 791	100.00	501	100.00
	Welfare service aides.....	19 292	100.00	18 791	100.00	501	100.00
	391 Typists.....	20 643	100.00	4 071	100.00	16 572	100.00
467	925 Nursing aides, orderlies, and attendants.....	581	2.81	0	0.00	581	3.51
	926 Welfare service aides.....	2 633	12.75	0	0.00	2 633	15.69
	954 Welfare service aides.....	17 429	84.43	4 071	100.00	13 356	80.81

Table 2. The 1980 Occupation Categories As Derived From The 1970 Occupation Classification System—Con.

[Data are the 1970 experienced civilian labor force. Numbers and percents may not add to total because of rounding.]							
1980 code	1980 Occupation categories with their 1970 component categories and codes	Total		Male		Female	
		Experienced civilian labor force	Percent of 1980 category	Experienced civilian labor force	Percent of 1980 category	Experienced civilian labor force	Percent of 1980 category
468	Child care workers, except private household	178 341	100.00	13 332	78.33	165 009	100.00
	942 Child care workers, except private household	149 010	83.55	10 443	70.03	138 567	83.98
	952 School monitors	29 331	16.45	2 889	21.67	26 442	16.02
469	Personal service occupations, n.e.c.	136 470	100.00	42 669	100.00	93 802	100.00
	245 Managers and administrators, n.e.c.	7 310	5.36	1 804	4.23	5 506	7.51
	903 Janitors and sextons	1 472	1.08	0	0	1 472	1.08
	933 Attendants, personal service, n.e.c.	60 646	44.44	20 891	48.96	39 755	42.38
	940 Boarding and lodging housekeepers	8 171	5.99	2 271	5.32	5 900	6.29
	941 Bootblacks	4 298	3.15	3 853	9.03	445	4.17
	944 Hairdressers and cosmetologists	631	0.46	0	0	631	0.67
	950 Housekeepers, except private household	53 942	39.53	13 849	32.46	40 093	42.74
473	FARMING, FORESTRY, AND FISHING OCCUPATIONS	1 352 260	100.00	1 288 646	100.00	63 614	100.00
	Farmers, except horticultural	1 352 260	100.00	1 288 646	100.00	63 614	100.00
474	801 Farmers (owners and tenants)	12 361	100.00	7 404	100.00	4 957	100.00
	Horticultural specialty farmers	11 223	100.00	1 238	16.72	9 985	100.00
	755 Gardeners and groundskeepers, except farm	801	89.98	6 166	83.28	4 957	100.00
475	801 Farmers (owners and tenants)	69 040	100.00	65 979	100.00	3 061	100.00
	Managers, farms, except horticultural	4 210	6.10	4 210	6.38	0	0
	245 Managers and administrators, n.e.c.	64 830	93.90	61 769	93.62	3 061	100.00
476	802 Farm managers	2 406	100.00	2 406	100.00	0	0
	Managers, horticultural specialty farms	2 406	100.00	2 406	100.00	0	0
477	245 Managers and administrators, n.e.c.	37 685	100.00	35 087	100.00	2 598	100.00
	Supervisors, farm workers	36 187	96.02	33 790	96.30	2 397	92.26
	821 Farm supervisors	1 098	3.98	1 297	3.70	774	7.74
	824 Farm service laborers, self-employed	952 629	100.00	800 668	100.00	151 961	100.00
479	Farm workers	601	0.06	601	0.08	0	0
	245 Managers and administrators, n.e.c.	574	0.06	574	0.07	0	0
	690 Machine operatives, miscellaneous, specified	3 877	0.41	1 740	22	2 137	1.41
	740 Animal caretakers, except farm	842 772	88.47	735 942	91.92	106 830	70.30
	822 Farm laborers, wage workers	101 808	10.69	59 217	74.40	42 591	28.03
	823 Farm laborers, unpaid family workers	2 897	3.31	2 594	3.2	403	2.7
	824 Farm service laborers, self-employed	19 748	100.00	11 369	100.00	10 055	100.00
484	Nursery workers	21 424	100.00	11 369	100.00	10 055	100.00
	822 Farm laborers, wage workers	19 748	92.18	9 893	85.26	10 055	100.00
	823 Farm laborers, unpaid family workers	1 676	7.82	1 676	14.74	0	0
485	Supervisors, related agricultural occupations	41 915	100.00	41 060	100.00	855	100.00
	216 Managers and superintendents, building	3 187	7.60	3 187	7.78	0	0
	441 Blue-collar worker supervisors, n.e.c.	19 301	46.05	19 301	47.01	0	0
	740 Animal caretakers, except farm	855	2.04	0	0	855	100.00
	755 Gardeners and groundskeepers, except farm	18 572	44.31	18 572	45.23	0	0
486	Groundskeepers and gardeners, except farm	333 022	100.00	323 319	100.00	9 803	100.00
	755 Gardeners and groundskeepers, except farm	328 617	98.64	318 814	96.64	9 803	100.00
	785 Not specified laborers	4 405	1.32	4 405	1.36	0	0
487	Animal caretakers, except farm	49 070	100.00	35 385	100.00	13 705	100.00
	403 Beekeepers	1 010	2.06	985	2.79	25	1.8
	740 Animal caretakers, except farm	47 329	96.45	33 649	95.15	13 680	99.82
	780 Miscellaneous laborers	731	1.48	731	2.07	0	0
488	Graders and sorters, agricultural products	14 837	100.00	4 154	100.00	10 683	100.00
	822 Farm laborers, wage workers	14 837	100.00	4 154	100.00	10 683	100.00
494	Supervisors, forestry and logging workers	6 135	100.00	6 135	100.00	0	0
	245 Managers and administrators, n.e.c.	3 007	49.01	3 007	49.01	0	0
	441 Blue-collar worker supervisors, n.e.c.	1 430	23.31	1 430	23.31	0	0
	761 Timber cutting and logging workers	1 698	27.68	1 698	27.68	0	0
495	Forestry workers, except logging	8 702	100.00	8 546	100.00	156	100.00
	025 Foresters and conservationists	3 588	41.23	3 432	40.16	156	100.00
	780 Miscellaneous laborers	5 114	56.77	5 114	59.84	0	0
496	Timber cutting and logging occupations	101 748	100.00	99 169	100.00	2 579	100.00
	245 Managers and administrators, n.e.c.	601	5.9	601	6.1	0	0
	450 Inspectors, scalers, and graders, log and lumber	4 618	4.54	4 618	4.66	0	0
	761 Timber cutting and logging workers	96 084	94.43	93 950	94.74	2 134	82.75
	780 Miscellaneous laborers	445	0.44	0	0	445	17.25
497	221 Officers, pilots, and pursers, ship	3 738	100.00	3 738	100.00	67	100.00

Table 2. The 1980 Occupation Categories As Derived From The 1970 Occupation Classification System – Con.

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Table 2. The 1980 Occupation Categories As Derived From The 1970 Occupation Classification System—Con.

[Data are the 1970 experienced civilian labor force. Numbers and percentiles may not add to total because of rounding.]

1980 code	1980 Occupation categories with their 1970 component categories and codes	Total		Male		Female	
		Experienced civilian labor force	Percent of 1980 category	Experienced civilian labor force	Percent of 1980 category	Experienced civilian labor force	Percent of 1980 category
518	Industrial machinery repairers. Con.	22 709	6.37	22 243	6.34	466	8.72
	483 Loom fixers	1 193	3.3	1 193	.34	0	0
	640 Mine operatives, n.e.c.	669	19	669	.19	0	0
519	Machinery maintenance occupations	61 877	100.0	60 069	100.0	1 808	100.0
	642 Oilers and greasers, except auto	52 516	84.87	50 708	84.42	1 808	100.0
	694 Miscellaneous occupations	9 361	15.13	9 361	15.58	0	0
523	Electronic repairers, communications and industrial equipment	157 098	100.0	151 348	100.0	5 750	100.0
	433 Electric power line and cable installers and repairers	1 742	1.11	1 717	1.13	25	4.3
	482 Household appliance and accessory installers and mechanics	2 349	1.50	2 348	1.55	0	0
	485 Radio and television repairers	149 892	95.41	144 167	95.28	5 725	99.57
525	554 Telephone line installers and repairers	2 538	1.62	2 538	1.68	0	0
	Data processing equipment repairers	577	.37	577	.38	0	0
	435 Computer and peripheral equipment operators	30 005	100.0	29 045	100.0	960	100.0
526	475 Data processing machine repairers	650	2.17	650	2.24	0	0
	Household appliance and power tool repairers	29 355	97.83	28 395	97.83	960	100.0
	470 Air conditioning, heating, and refrigeration mechanics	75 498	100.0	74 358	100.0	1 138	100.0
	473 Automotive mechanics, except apprentices	1 188	1.57	1 188	1.60	0	0
	482 Household appliance and accessory installers and mechanics	655	.87	655	.88	0	0
527	482 Miscellaneous mechanics and repairers	69 847	92.52	68 709	92.40	1 138	100.0
	Telephone line installers and repairers	3 806	5.04	3 806	5.12	0	0
	554 Telephone line installers and repairers	55 090	100.0	54 268	100.0	822	100.0
	571 Craft and kindred workers, n.e.c.	52 149	94.66	51 327	94.58	822	100.0
529	Telephone installers and repairers	2 941	5.34	2 941	5.42	0	0
	552 Telephone installers and repairers	232 885	100.0	225 702	100.0	7 283	100.0
533	Miscellaneous electrical and electronic equipment repairers	34 942	100.0	34 376	100.0	566	100.0
	430 Electricians, except apprentices	1 754	4.99	1 754	4.99	0	0
	433 Electric power line and cable installers and repairers	2 561	7.33	2 561	7.45	0	0
	471 Aircraft mechanics	5 240	15.01	5 240	15.24	0	0
	473 Automobile mechanics, except apprentices	14 938	41.49	13 957	40.60	981	95.58
	492 Miscellaneous mechanics and repairers	1 337	3.83	1 337	3.89	0	0
534	Heating, air conditioning, and refrigeration mechanics	119 343	100.0	118 181	100.0	1 162	100.0
	470 Air conditioning, heating, and refrigeration mechanics	119 343	100.0	118 181	100.0	1 162	100.0
535	Camera, watch, and musical instrument repairers	31 644	100.0	29 021	91.62	2 623	100.0
	453 Jewelers and watchmakers	64 50	18.61	64 50	18.61	0	0
	492 Miscellaneous mechanics and repairers	3 713	11.73	3 713	10.93	0	0
536	516 Piano and organ tuners and repairers	7 522	23.77	7 158	21.66	364	13.88
	Locksmiths and safe repairers	13 343	100.0	12 218	100.0	1 125	100.0
	491 Mechanics, except auto, apprentices	84 84	6.32	799	6.54	44	3.91
	492 Miscellaneous mechanics and repairers	12 500	93.68	11 419	93.46	1 081	96.09
38	Office machine repairers	47 909	100.0	47 154	100.0	755	100.0
	475 Data processing machine repairers	47 909	100.0	47 154	100.0	755	100.0
	484 Office machine repairers	47 909	100.0	4 732	10.04	0	0
39	492 Miscellaneous mechanics and repairers	42 634	88.80	41 788	88.62	755	100.0
	Mechanical controls and valve repairers	634	1.32	634	1.34	0	0
	481 Heavy equipment mechanics, including diesel and	34 174	100.0	32 451	100.0	1 723	100.0
	482 Household appliance and accessory installers and mechanics	656	1.92	656	2.02	0	0
	481 Mechanics, except auto, apprentices	26 390	77.32	25 252	77.82	1 138	66.05
	492 Miscellaneous mechanics and repairers	843	2.47	799	2.45	44	2.55
43	694 Miscellaneous operatives	5 616	16.43	5 075	15.64	541	31.40
	Elevator installers and repairers	669	1.96	669	2.06	0	0
	461 Heavy equipment mechanics, including diesel	19 016	100.0	19 016	100.0	0	0
14	Machinery	19 016	100.0	19 016	100.0	0	0
	491 Mechanics, except auto, apprentices	113 855	100.0	112 879	100.0	1 177	100.0
	502 Millwrights	3 373	2.96	3 197	2.84	176	14.95
	491 Craft and kindred workers, n.e.c.	84 757	74.44	83 756	74.45	1 001	85.05
	602 Assemblers	735	.65	735	.65	0	0
	Specified mechanics and repairers, n.e.c.	24 990	21.95	24 990	22.18	0	0
7	403 Backsmiths	236 120	100.0	224 069	100.0	12 052	100.0
	453 Jewelers and watchmakers	10 099	4.28	9 854	4.23	245	2.03
	461 Mechanics, except apprentices	2 412	1.02	2 412	1.09	0	0
	471 Aircraft mechanics	524	.22	524	.23	0	0
	471 Aircraft mechanics	640	.27	640	.29	0	0

