

Table 4. Mean Earnings in 1969 of Employed Persons With Earnings in 1969 According to Industry by Occupation: 1970

(In dollars. Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

Occupation	United States		Agriculture, forestry, and fisheries		Mining		Construction		Manufacturing							Electrical machinery, equipment, and supplies	Motor vehicles and motor vehicle equipment	
	Total, 16 years old and over	Male, employed	Total	Special contractors	Total	Mining	Total	Special contractors	Lumber and wood products, except furniture	Furniture and fixtures	Stone, clay, glass products	Primary ferrous industries	Primary non-ferrous industries	Fabricated metal industries (including not specified metal)	Machinery, except electrical			
Accountants	8 563	8 826	8 373	8 583	8 793	8 826	8 373	8 583	8 793	6 240	7 084	8 238	8 693	8 533	8 630	9 416	9 649	9 468
Architects	12 262	12 303	11 013	12 111	11 887	12 303	11 013	12 111	11 887	10 462	10 367	10 748	11 272	11 089	11 025	11 704	11 827	13 312
Computer specialists	11 703	11 170	10 864	10 925	11 250	11 170	10 864	10 925	11 250	10 526	9 726	10 614	11 298	11 263	11 044	10 869	11 575	12 020
Engineers	15 586	12 101	14 041	14 041	12 354	12 101	14 041	14 041	12 354	11 469	11 081	10 898	11 097	10 709	10 325	12 109	13 385	12 180
Aeronautical and astronautical	13 004	13 080	12 861	14 267	13 538	13 080	12 861	14 267	13 538	14 942	11 081	12 320	12 729	12 153	12 813	13 129	13 344	13 931
Chemical	14 990	14 186	16 797	14 922	14 293	14 186	16 797	14 922	14 293	14 942	11 081	12 320	12 729	12 153	12 813	13 129	14 233	15 045
Civil	14 339	12 088	12 663	14 055	13 762	12 088	12 663	14 055	13 762	14 942	11 081	12 320	12 729	12 153	12 813	13 129	14 233	15 045
Electrical and electronic	13 257	12 980	13 743	14 082	13 905	12 980	13 743	14 082	13 905	14 942	11 081	12 320	12 729	12 153	12 813	13 129	14 233	15 045
Industrial	13 527	11 894	11 969	13 221	12 383	11 894	11 969	13 221	12 383	11 543	11 156	10 789	11 899	11 032	11 647	12 175	12 169	13 348
Mechanical	12 839	12 800	13 833	15 943	13 701	12 800	13 833	15 943	13 701	12 002	11 005	13 180	13 534	12 445	13 813	12 924	13 645	14 457
Other engineers	13 739	12 055	13 096	13 898	13 237	12 055	13 096	13 898	13 237	12 002	11 005	13 180	13 534	12 445	13 813	12 924	13 689	13 362
Other engineers	13 571	12 055	13 096	13 898	13 237	12 055	13 096	13 898	13 237	12 002	11 005	13 180	13 534	12 445	13 813	12 924	13 689	13 362
Lawyers and judges	22 216	20 837	17 364	20 837	23 065	20 837	17 364	20 837	23 065	23 065	21 897	21 897	21 897	21 897	21 897	21 769	22 545	30 695
Librarians, archivists, and curators	8 211	8 211	10 487	10 487	10 487	8 211	10 487	10 487	10 487	10 487	10 487	10 487	10 487	10 487	10 487	10 487	10 487	10 487
Mathematical specialists	13 146	13 146	12 643	12 643	12 643	13 146	12 643	12 643	12 643	12 643	12 643	12 643	12 643	12 643	12 643	12 643	12 643	12 643
Life and physical scientists	12 579	14 442	11 051	11 051	12 385	14 442	11 051	11 051	12 385	11 745	11 745	11 929	11 536	11 536	11 875	12 132	11 323	12 908
Chemists	12 014	9 955	10 022	10 022	12 101	9 955	10 022	10 022	12 101	11 448	11 927	11 454	11 454	11 454	11 787	11 865	13 592	12 150
Operations and systems researchers and analysts	11 935	11 778	10 318	14 470	11 425	11 778	10 318	14 470	11 425	10 199	11 269	11 040	11 040	11 040	9 770	11 266	11 152	12 129
Personnel and labor relations workers	12 264	19 116	13 716	14 470	12 951	19 116	13 716	14 470	12 951	10 842	11 795	11 581	11 942	13 098	12 428	13 213	12 988	12 884
Physicians, dentists, and related practitioners	23 916	23 916	18 938	18 938	18 938	23 916	18 938	18 938	18 938	18 938	18 938	18 938	18 938	18 938	18 938	18 938	18 938	18 938
Dentists	23 652	23 652	18 938	18 938	18 938	23 652	18 938	18 938	18 938	18 938	18 938	18 938	18 938	18 938	18 938	18 938	18 938	18 938
Pharmacists	23 652	23 652	18 938	18 938	18 938	23 652	18 938	18 938	18 938	18 938	18 938	18 938	18 938	18 938	18 938	18 938	18 938	18 938
Physicians, medical and osteopathic	29 665	29 665	24 466	24 466	24 466	29 665	24 466	24 466	24 466	24 466	24 466	24 466	24 466	24 466	24 466	24 466	24 466	24 466
Other related practitioners	17 546	17 546	13 276	13 276	13 276	17 546	13 276	13 276	13 276	13 276	13 276	13 276	13 276	13 276	13 276	13 276	13 276	13 276
Registered nurses, dietitians, and therapists	8 309	8 309	7 653	7 653	7 653	8 309	7 653	7 653	7 653	7 653	7 653	7 653	7 653	7 653	7 653	7 653	7 653	7 653
Health technologists and technicians	7 855	7 855	8 205	8 205	8 205	7 855	8 205	8 205	8 205	8 205	8 205	8 205	8 205	8 205	8 205	8 205	8 205	8 205
Religious workers	6 610	6 610	8 575	8 575	8 575	6 610	8 575	8 575	8 575	8 575	8 575	8 575	8 575	8 575	8 575	8 575	8 575	8 575
Social scientists	14 394	13 572	13 276	13 276	13 276	14 394	13 276	13 276	13 276	13 276	13 276	13 276	13 276	13 276	13 276	13 276	13 276	13 276
Teachers, college and university	8 003	8 003	7 170	7 170	7 170	8 003	7 170	7 170	7 170	7 170	7 170	7 170	7 170	7 170	7 170	7 170	7 170	7 170
Teachers, except college and university	11 725	11 725	10 745	10 745	10 745	11 725	10 745	10 745	10 745	10 745	10 745	10 745	10 745	10 745	10 745	10 745	10 745	10 745
Engineering and science technicians	8 713	8 713	7 653	7 653	7 653	8 713	7 653	7 653	7 653	7 653	7 653	7 653	7 653	7 653	7 653	7 653	7 653	7 653
Draftsmen	8 692	8 692	8 205	8 205	8 205	8 692	8 205	8 205	8 205	8 205	8 205	8 205	8 205	8 205	8 205	8 205	8 205	8 205
Electrical and electronic engineering technicians	8 662	8 662	8 205	8 205	8 205	8 662	8 205	8 205	8 205	8 205	8 205	8 205	8 205	8 205	8 205	8 205	8 205	8 205
Industrial and mechanical engineering technicians	9 387	9 387	8 575	8 575	8 575	9 387	8 575	8 575	8 575	8 575	8 575	8 575	8 575	8 575	8 575	8 575	8 575	8 575
Other engineering and science technicians	9 914	9 914	7 170	7 170	7 170	9 914	7 170	7 170	7 170	7 170	7 170	7 170	7 170	7 170	7 170	7 170	7 170	7 170
Technicians, exc. health, and eng. and science	13 334	12 126	8 528	8 528	8 528	13 334	8 528	8 528	8 528	8 528	8 528	8 528	8 528	8 528	8 528	8 528	8 528	8 528
Airplane pilots	18 902	13 507	10 238	10 238	10 238	18 902	10 238	10 238	10 238	10 238	10 238	10 238	10 238	10 238	10 238	10 238	10 238	10 238
Embalmers	7 957	7 957	8 252	8 252	8 252	7 957	8 252	8 252	8 252	8 252	8 252	8 252	8 252	8 252	8 252	8 252	8 252	8 252
Radio operators and air traffic controllers	10 593	10 593	8 012	8 012	8 012	10 593	8 012	8 012	8 012	8 012	8 012	8 012	8 012	8 012	8 012	8 012	8 012	8 012
Other technicians, exc. health, and eng. and science	9 771	9 771	10 464	10 464	10 464	9 771	10 464	10 464	10 464	10 464	10 464	10 464	10 464	10 464	10 464	10 464	10 464	10 464
Writers, artists, and entertainers	10 601	8 031	13 033	13 033	13 033	10 601	13 033	13 033	13 033	13 033	13 033	13 033	13 033	13 033	13 033	13 033	13 033	13 033
Other professional, technical, and kindred workers	10 163	8 070	10 043	10 043	10 043	10 163	10 043	10 043	10 043	10 043	10 043	10 043	10 043	10 043	10 043	10 043	10 043	10 043
Managers and administrators, except farm	13 256	11 369	13 758	14 169	16 532	11 369	13 758	14 169	16 532	12 989	16 554	15 545	18 898	17 957	17 239	17 383	16 878	17 345
Buyers, purchasing agents, and sales managers	13 071	10 741	12 219	12 651	14 473	10 741	12 219	12 651	14 473	12 234	16 334	14 563	14 410	14 410	14 751	14 832	13 978	14 014
Other managers and administrators	13 284	11 414	13 809	14 219	17 065	11 414	13 809	14 219	17 065	13 101	16 608	15 722	19 851	18 856	17 853	18 118	17 789	18 414
Salaried	13 787	11 416	14 860	15 883	17 431	11 416	14 860	15 883	17 431	14 790	17 150	15 945	19 910	19 100	18 141	18 386	17 828	18 488
Self-employed	11 225	11 410	11 900	11 747	13 031	11 410	11 900	11 747	13 031	10 213	12 594	13 520	17 643	13 023	14 764	14 547	15 852	15 771
Sales workers	9 875	7 606	11 368	11 853	11 210	7 606	11 368	11 853	11 210	10 994	15 332	12 118	12 364	12 582	12 841	13 093	12 711	12 347
Newsboys	2 411	2 411	9 786	9 254	8 165	2 411	9 786	9 254	8 165	11 149	15 456	12 192	7 794	12 869	9 004	9 500	9 870	7 589
Other specified sales workers	11 988	10 995	11 556	12 101	12 649	10 995	11 556	12 101	12 649	11 149	15 456	12 192	12 651	12 869	12 957	13 211	12 855	12 650
Salesmen and sales clerks, n.e.c.	9 208	7 214	11 324	12 101	12 649	7 214	11 324	12 101	12 649	11 149	15 456	12 192	12 651	12 869	12 957	13 211	12 855	12 650

Table 4. Mean Earnings in 1969 of Employed Persons With Earnings in 1969 According to Industry by Occupation: 1970—Continued

(In dollars. Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Agriculture, forestry, and fisheries		Mining		Construction		Manufacturing							Electrical machinery, equipment, and supplies	Motor vehicles and motor vehicle equipment
	Total, 16 years old and over	Total	Total	Special trade contractors	Total	Lumber and wood products, except furniture	Furniture and fixtures	Stone, clay, and glass products	Primary ferrous industries	Primary non-ferrous industries	Fabricated metal industries (including not specified metal)	Machinery, except electrical			
Bookkeepers	7 235	7 121	8 099	10 604	7 696	7 189	6 393	7 808	8 120	7 790	7 719	7 923	7 637	9 087	
Cashiers	7 794	7 864	7 701	7 727	8 548	9 029	7 067	8 634	8 160	8 698	8 594	8 737	8 964	9 958	
Estimators and investigators, n.e.c.	4 124	8 120	10 488	13 228	10 740	10 540	9 115	10 273	10 487	7 960	10 794	11 367	10 684	11 389	
Office machine operators	8 316	8 373	9 551	10 775	9 124	5 924	5 395	8 161	8 863	10 194	7 960	7 753	7 580	9 405	
Secretaries, stenographers, and typists	6 316	5 629	7 785	6 895	6 466	6 753	5 808	6 658	7 617	6 819	6 814	6 818	6 370	7 941	
Shipping and receiving clerks	6 072	5 275	7 448	6 793	6 039	6 650	7 075	7 031	7 381	7 281	6 683	7 095	6 608	8 583	
Stock clerks and storekeepers	7 408	7 094	8 025	8 248	8 039	6 650	7 075	8 212	8 288	7 895	7 873	8 271	8 200	9 520	
Other clerical and kindred workers	8 273	6 637	8 749	8 230	8 866	7 239	6 928	8 621	9 276	8 967	8 961	9 164	9 124	10 714	
Craftsmen and kindred workers	7 877	6 160	8 103	7 990	8 240	6 321	6 610	8 046	9 050	8 921	8 318	8 318	8 472	10 559	
Construction craftsmen	7 882	6 918	8 259	7 912	9 062	6 015	7 961	7 961	9 380	7 446	8 853	7 531	7 810	12 196	
Brickmasons and stonemasons	7 159	6 086	7 330	6 602	6 919	6 015	6 737	7 234	8 327	7 293	8 008	8 509	7 810	11 474	
Carpenters	9 352	7 410	8 934	9 918	8 313	9 316	8 439	8 754	9 384	9 573	6 871	8 929	8 809	11 476	
Electricians	7 697	6 114	8 031	8 845	7 026	5 688	8 009	8 009	7 868	7 811	8 871	8 001	8 001	9 049	
Excavating, grading and road machine operators	6 474	4 161	7 152	6 551	6 780	5 778	6 447	6 447	6 784	7 130	5 586	6 303	6 678	7 958	
Painters (const. & mainl.), plasterers, & paperhangers	7 107	7 576	7 683	9 336	9 077	9 284	8 863	9 863	9 023	9 213	8 337	9 143	9 286	11 410	
Plumbers and pipefitters	7 812	7 111	7 947	7 636	8 056	8 755	7 265	9 716	11 336	10 375	10 402	11 018	10 756	12 765	
Other construction craftsmen	10 254	7 222	10 810	11 522	10 460	8 445	7 143	8 468	9 125	8 525	8 027	8 579	8 044	9 513	
Foremen, n.e.c.	7 571	6 357	8 166	8 793	8 370	6 608	7 445	8 266	8 550	7 686	8 027	7 910	8 719	8 797	
Mechanics and repairmen	6 960	7 207	7 803	7 439	8 370	7 794	6 297	7 507	8 562	8 280	6 681	7 848	8 344	8 730	
Automobile, including body	8 804	7 263	8 254	9 278	8 837	7 794	7 582	8 416	8 654	8 170	8 605	8 858	8 631	10 642	
Metal craftsmen, except mechanics	8 816	7 291	8 240	8 492	8 898	6 808	7 215	8 306	8 782	8 418	8 885	8 844	8 633	10 541	
Mechanisms, job setters, and toolmakers	8 441	7 505	7 505	10 100	8 469	8 365	8 849	8 782	8 856	8 330	8 173	8 403	7 322	9 378	
Blacksmiths, forgers, hammermen, boilermakers	8 837	7 276	8 929	9 265	8 748	8 365	8 345	8 345	8 904	7 858	8 243	8 975	6 346	10 983	
Other metal craftsmen	8 424	8 836	9 338	6 836	8 595	7 887	8 845	8 845	9 257	7 520	7 520	8 579	7 366	8 114	
Printing craftsmen	9 914	8 483	9 110	9 098	8 370	7 887	6 297	7 507	8 562	10 012	10 620	10 771	10 422	11 458	
Stationary engineers and power station operators	7 828	6 955	7 981	8 365	7 557	6 391	6 297	7 507	8 562	8 280	7 681	7 848	8 344	8 730	
Other craftsmen and kindred workers	6 632	5 102	7 186	8 226	6 879	5 266	5 220	6 820	7 667	7 089	6 782	7 482	6 908	7 881	
Operators, except transport	6 678	7 894	9 037	7 243	6 716	5 574	5 151	6 183	6 601	6 306	6 182	7 176	6 287	7 231	
Assemblers	6 370	6 607	7 226	6 436	6 894	6 191	5 882	7 435	7 832	6 484	7 484	8 138	7 660	8 600	
Checkers, examiners, and inspectors, manufacturing	6 632	6 607	7 226	6 436	6 894	6 191	5 882	7 435	7 832	6 484	7 484	8 138	7 660	8 600	
Filers, polishers, sanders, and buffers	7 775	6 607	7 226	6 436	6 894	6 191	5 882	7 435	7 832	6 484	7 484	8 138	7 660	8 600	
Painters, manufactured articles	6 857	6 607	7 226	6 436	6 894	6 191	5 882	7 435	7 832	6 484	7 484	8 138	7 660	8 600	
Precision machine operators	6 857	6 607	7 226	6 436	6 894	6 191	5 882	7 435	7 832	6 484	7 484	8 138	7 660	8 600	
Drill press operators	7 913	6 607	7 226	6 436	6 894	6 191	5 882	7 435	7 832	6 484	7 484	8 138	7 660	8 600	
Grinding machine operators	7 904	6 607	7 226	6 436	6 894	6 191	5 882	7 435	7 832	6 484	7 484	8 138	7 660	8 600	
Lathe and milling machine operators	8 019	6 607	7 226	6 436	6 894	6 191	5 882	7 435	7 832	6 484	7 484	8 138	7 660	8 600	
Precision machine operators, n.e.c.	7 080	6 607	7 226	6 436	6 894	6 191	5 882	7 435	7 832	6 484	7 484	8 138	7 660	8 600	
Punch and stamping press operators	6 447	6 607	7 226	6 436	6 894	6 191	5 882	7 435	7 832	6 484	7 484	8 138	7 660	8 600	
Solders	7 647	6 607	7 226	6 436	6 894	6 191	5 882	7 435	7 832	6 484	7 484	8 138	7 660	8 600	
Stationary firemen	7 630	6 607	7 226	6 436	6 894	6 191	5 882	7 435	7 832	6 484	7 484	8 138	7 660	8 600	
Welders and flame-cutters	5 919	4 388	7 117	8 307	6 743	4 958	6 090	7 555	8 060	7 735	7 131	7 232	7 181	7 840	
Other specified operatives	6 987	4 839	7 021	6 870	6 082	5 508	6 826	6 826	7 670	7 213	6 581	6 926	6 493	8 039	
Machine operatives, miscellaneous specified	6 867	5 325	6 021	8 092	6 915	5 006	5 358	6 952	7 108	6 742	6 312	7 412	6 855	7 772	
Machine operatives, not specified	6 291	4 320	5 925	6 157	5 548	5 783	5 302	6 414	7 577	6 096	6 521	7 369	6 736	7 932	
Miscellaneous operatives	6 774	6 584	7 812	8 775	6 858	4 707	5 060	6 725	7 594	6 677	6 608	7 537	6 929	8 059	
Not specified operatives	7 001	5 344	6 885	6 852	7 091	5 781	6 257	7 126	7 709	7 209	7 103	6 939	6 855	8 300	
Transport equipment operatives	6 536	5 456	7 236	6 072	6 404	5 691	6 456	7 526	7 461	8 155	6 538	6 348	6 232	6 782	
Deliverymen and routemen	6 671	5 537	6 391	8 127	6 343	5 749	6 662	6 453	7 138	6 662	6 681	7 789	6 338	8 173	
Fork lift and low motor operatives	7 499	5 297	6 845	6 916	6 164	5 796	6 497	7 266	7 880	6 594	7 587	7 290	7 835	8 547	
Truck drivers	6 470	5 432	7 042	5 811	6 896	6 049	6 497	7 640	8 340	6 594	7 344	6 545	6 404	8 594	
Other transport equipment operatives	6 470	5 432	7 042	5 811	6 896	6 049	6 497	7 640	8 340	6 594	7 344	6 545	6 404	8 594	

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(In dollars. Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Agriculture, forestry, and fisheries		Mining		Construction		Manufacturing							Electrical machinery, equipment, and supplies	Motor vehicles and motor vehicle equipment		
	Total, 16 years old and over	3 832	4 904	4 407	4 116	Total	Special contractors	Lumber and wood products, except furniture	Furniture and fixtures	Stone, clay, and glass products	Primary ferrous industries	Primary non-ferrous industries	Fabricated metal industries (including not specified metal)			Machinery, except electrical	
Female, employed—Continued																	
Clerical and kindred workers—Continued																	
Payroll and timekeeping clerks	5 041	3 832	4 904	4 407	4 116	4 923	4 075	4 325	5 197	6 005	5 350	5 261	5 341	5 216	7 226	5 823	5 823
Receptionists	3 325	3 037	2 799	3 893	3 336	5 880	5 571	4 243	4 774	4 687	3 754	3 994	4 191	4 058	8 751	5 256	5 256
Secretaries	4 676	3 872	5 575	4 735	4 661	5 880	5 571	4 243	4 774	4 687	3 754	3 994	4 191	4 058	8 751	5 256	5 256
Statistical clerks	4 763	3 854	5 476	5 065	4 832	5 880	5 571	4 243	4 774	4 687	3 754	3 994	4 191	4 058	8 751	5 256	5 256
Stenographers	5 104	4 891	5 734	4 868	4 432	5 880	5 571	4 243	4 774	4 687	3 754	3 994	4 191	4 058	8 751	5 256	5 256
Telephone operators	4 050	3 853	4 261	4 331	4 287	5 880	5 571	4 243	4 774	4 687	3 754	3 994	4 191	4 058	8 751	5 256	5 256
Typists	3 798	3 708	4 363	3 981	3 469	5 880	5 571	4 243	4 774	4 687	3 754	3 994	4 191	4 058	8 751	5 256	5 256
Other clerical and kindred workers	4 025	3 736	4 926	4 161	4 062	5 880	5 571	4 243	4 774	4 687	3 754	3 994	4 191	4 058	8 751	5 256	5 256
Craftsmen and kindred workers																	
Foremen, n.e.c.	4 876	3 317	7 815	6 487	6 366	5 880	5 571	4 243	4 774	4 687	3 754	3 994	4 191	4 058	8 751	5 256	5 256
Mechanics and repairmen	5 761	9 183	9 755	9 183	9 665	5 880	5 571	4 243	4 774	4 687	3 754	3 994	4 191	4 058	8 751	5 256	5 256
Printing craftsmen	6 258	6 685	6 885	6 685	6 946	5 880	5 571	4 243	4 774	4 687	3 754	3 994	4 191	4 058	8 751	5 256	5 256
4 275	4 275	4 275	4 275	4 275	4 275	4 275	4 275	4 275	4 275	4 275	4 275	4 275	4 275	4 275	4 275	4 275	4 275
Operatives, except transport																	
Assemblers	3 684	2 193	4 653	4 836	4 497	3 806	3 647	3 432	4 316	5 014	4 351	4 279	4 676	4 240	5 630	5 511	5 511
Bottling and canning operatives	4 138	3 291	4 376	3 705	3 868	4 155	3 358	3 432	4 101	4 523	4 123	4 062	4 454	4 085	5 630	5 511	5 511
Checkers, examiners, inspectors, manufacturing	3 291	3 291	3 291	3 291	3 291	3 291	3 291	3 291	3 291	3 291	3 291	3 291	3 291	3 291	3 291	3 291	3 291
Graders and sorters, manufacturing	4 376	3 375	3 375	3 375	3 375	3 375	3 375	3 375	3 375	3 375	3 375	3 375	3 375	3 375	3 375	3 375	3 375
Produce graders and packers, exc. factory and farm	3 375	1 949	2 144	2 590	2 590	3 707	3 089	3 791	4 200	4 386	4 403	4 153	4 555	3 861	4 772	4 772	4 772
Packers and wrappers, except produce	2 590	2 144	2 144	2 144	2 144	2 144	2 144	2 144	2 144	2 144	2 144	2 144	2 144	2 144	2 144	2 144	2 144
Mixing operatives	4 595	3 313	3 313	3 313	3 313	4 667	3 925	3 925	3 894	5 349	4 167	3 656	4 005	3 256	6 310	6 310	6 310
Sewers and stitchers	3 304	2 538	4 623	5 308	4 856	3 313	3 555	3 540	4 036	5 023	4 285	4 358	4 740	4 294	5 781	5 781	5 781
Other specified operatives	3 651	2 302	3 121	3 398	3 998	3 313	3 555	3 540	4 036	5 023	4 285	4 358	4 740	4 294	5 781	5 781	5 781
Machine operatives, miscellaneous specified	4 094	2 016	3 687	3 491	3 121	4 124	3 511	3 511	4 329	4 470	4 448	4 302	4 364	4 172	5 403	5 403	5 403
Machine operatives, not specified	3 520	2 016	3 687	3 491	3 121	4 124	3 511	3 511	4 329	4 470	4 448	4 302	4 364	4 172	5 403	5 403	5 403
Miscellaneous operatives	3 802	2 016	3 687	3 491	3 121	4 124	3 511	3 511	4 329	4 470	4 448	4 302	4 364	4 172	5 403	5 403	5 403
Not specified operatives	3 802	2 016	3 687	3 491	3 121	4 124	3 511	3 511	4 329	4 470	4 448	4 302	4 364	4 172	5 403	5 403	5 403
Transport equipment operatives																	
Deliverymen and rouletmen	3 216	2 960	3 144	5 144	4 844	5 265	4 844	4 844	7 100	5 789	4 262	6 265	5 155	4 016	7 827	7 827	7 827
3 504	3 504	3 504	3 504	3 504	3 504	3 504	3 504	3 504	3 504	3 504	3 504	3 504	3 504	3 504	3 504	3 504	3 504
Laborers, except farm																	
3 150	2 710	4 229	4 229	3 907	3 626	3 626	3 626	3 626	4 014	5 789	4 262	3 744	4 315	4 016	5 994	5 994	5 994
Farm workers																	
2 223	2 223	2 223	2 223	2 223	2 223	2 223	2 223	2 223	2 223	2 223	2 223	2 223	2 223	2 223	2 223	2 223	2 223
Service workers, except private household¹																	
2 666	2 040	2 804	2 399	2 023	3 522	2 316	2 969	2 801	3 601	3 916	4 120	3 308	3 448	4 080	5 469	5 469	5 469
2 512	1 656	2 685	2 111	1 726	3 476	1 710	2 801	2 801	3 288	4 166	3 960	2 703	3 319	4 258	6 029	6 029	6 029
2 566	1 703	2 088	1 856	1 184	3 036	1 710	2 801	2 801	2 884	3 241	3 960	2 746	3 164	3 695	5 911	5 911	5 911
1 153	2 088	2 088	2 088	2 088	2 088	2 088	2 088	2 088	2 088	2 088	2 088	2 088	2 088	2 088	2 088	2 088	2 088
1 975	2 088	2 088	2 088	2 088	2 088	2 088	2 088	2 088	2 088	2 088	2 088	2 088	2 088	2 088	2 088	2 088	2 088
3 256	2 361	3 857	3 256	2 361	3 857	3 256	2 361	2 361	2 361	2 361	2 361	2 361	2 361	2 361	2 361	2 361	2 361
3 133	2 361	3 857	3 133	2 361	3 857	3 133	2 361	2 361	2 361	2 361	2 361	2 361	2 361	2 361	2 361	2 361	2 361
3 542	2 361	3 857	3 542	2 361	3 857	3 542	2 361	2 361	2 361	2 361	2 361	2 361	2 361	2 361	2 361	2 361	2 361
1 327	2 361	3 857	1 327	2 361	3 857	1 327	2 361	2 361	2 361	2 361	2 361	2 361	2 361	2 361	2 361	2 361	2 361
Private household workers																	
1 327	2 361	3 857	1 327	2 361	3 857	1 327	2 361	2 361	2 361	2 361	2 361	2 361	2 361	2 361	2 361	2 361	2 361

¹Includes allocated cases not shown separately.

Table 4. Mean Earnings in 1969 of Employed Persons With Earnings in 1969 According to Industry by Occupation: 1970—Continued

(In dollars. Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

Occupation	Manufacturing—Con.										Transportation, communications, and other public utilities					
	Aircraft and parts	Other transportation equipment	Ordinance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods	Total	Railroads and railway express service	Trucking service and warehousing	Other transportation
Males, employed	8 633	8 003	10 713	8 418	8 011	6 702	8 786	8 670	9 111	10 120	8 648	8 116	8 716	8 566	8 606	8 678
Professional, technical, and kindred workers	13 327	11 183	13 881	11 394	11 099	10 502	12 217	10 845	10 944	12 218	11 012	12 007	12 342	11 093	10 983	16 239
Accountants	11 711	10 783	11 802	11 303	10 458	11 984	11 834	11 436	11 097	11 863	10 380	11 108	10 951	9 938	10 437	10 727
Architects	12 063	9 976	13 119	11 328	9 931	8 463	9 270	10 356	9 560	10 975	10 442	10 815	10 324	9 144	10 492	10 696
Computer specialists	14 722	12 301	15 250	13 430	12 653	11 756	11 598	12 608	12 772	13 805	12 438	13 715	12 317	11 426	11 252	13 236
Engineers	14 880	12 301	16 252	13 430	12 653	11 756	11 598	12 608	12 772	13 805	12 438	13 715	12 317	11 426	11 252	13 236
Aeronautical and astronautical	16 993	14 880	17 511	16 269	15 111	14 804	14 804	14 804	14 804	13 939	14 210	14 682	11 389	—	—	12 433
Chemical	15 732	11 960	14 865	10 898	9 893	17 029	—	—	—	14 964	14 759	14 195	12 420	—	—	14 195
Civil	14 894	12 952	15 114	13 940	12 494	12 806	11 063	12 006	11 723	13 623	11 659	12 413	12 095	10 869	10 869	12 413
Electrical and electronic	13 750	11 685	14 381	12 300	12 125	10 928	11 063	11 635	11 723	13 329	11 602	12 516	13 180	12 244	12 771	13 347
Industrial	14 773	12 476	15 568	13 581	11 919	13 254	12 241	13 658	13 658	13 829	13 318	13 863	13 135	10 796	10 796	13 322
Mechanical	14 386	11 754	15 310	13 771	13 197	12 650	—	—	15 014	13 439	12 248	12 601	12 016	10 728	—	12 843
Other engineers	19 271	—	—	20 714	18 306	—	—	—	—	24 226	—	24 733	21 382	25 732	—	21 277
Lawyers and judges	13 012	—	14 097	—	—	—	—	—	—	14 644	—	—	5 247	—	—	—
Librarians, archivists, and curators	13 710	11 290	13 616	13 488	10 687	10 838	—	—	—	12 395	12 518	14 206	12 232	—	—	11 886
Mathematical specialists	12 849	—	11 692	13 579	10 676	10 809	—	11 078	—	12 221	12 558	13 828	10 999	—	—	—
Life and physical scientists	11 969	9 669	12 887	11 184	11 845	9 420	—	10 706	10 548	12 644	9 318	12 654	11 840	12 303	—	11 891
Operations and systems researchers and analysts	13 613	11 279	13 075	13 726	12 681	10 003	11 159	12 292	13 882	14 956	12 009	13 334	12 943	11 262	11 226	11 437
Personnel and labor relations workers	—	—	—	—	—	—	—	—	—	17 537	—	—	—	—	—	—
Physicians, dentists, and related practitioners	—	—	—	—	—	—	—	—	—	11 528	—	—	—	—	—	—
Dentists	—	—	—	—	—	—	—	—	—	26 380	—	—	—	—	—	—
Pharmacists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Physicians, medical and osteopathic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other related practitioners	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health technologists and technicians	—	—	—	—	—	—	—	—	—	14 530	—	—	8 773	—	—	—
Religious workers	—	—	—	—	—	—	—	—	—	15 918	14 041	15 357	12 956	—	—	—
Social scientists	14 772	—	14 450	15 257	15 554	—	—	13 376	14 822	—	—	—	—	—	—	13 861
Social and recreation workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, college and university	11 297	9 656	10 669	9 776	7 802	8 067	10 391	8 246	8 514	8 785	7 918	9 372	10 565	9 468	10 732	10 440
Teachers, except college and university	10 135	8 847	10 791	8 815	8 388	7 810	11 545	7 957	8 097	9 413	7 883	9 049	9 271	8 296	9 301	11 310
Engineering and science technicians	9 828	10 418	10 850	8 958	8 492	6 778	—	—	—	8 596	8 652	9 311	8 026	12 087	—	9 778
Draftsmen	11 093	9 866	10 013	9 189	8 942	6 778	—	—	—	8 596	8 652	9 311	8 915	9 887	—	9 778
Electrical and electronic engineering technicians	9 920	10 814	10 539	8 553	7 569	7 794	—	—	—	8 705	7 796	9 473	9 446	9 470	—	13 579
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	10 539	9 255	—	18 117	—	9 430	19 872
Other engineering and science technicians	12 014	—	10 611	9 143	—	—	—	—	—	—	—	—	20 749	—	—	20 859
Technicians, exc. health, and eng. and science	14 809	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Airplane pilots	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Embalmers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Radio operators and air traffic controllers	10 803	—	10 717	—	—	—	—	—	—	8 948	—	—	9 555	—	—	8 090
Other technicians, exc. health, and eng. and science	11 709	10 663	12 341	10 701	11 709	13 169	13 797	10 100	10 825	13 285	12 348	12 260	12 801	12 785	11 023	15 271
Writers, artists, and entertainers	12 934	14 626	14 120	10 559	13 270	10 854	—	7 796	12 281	15 617	14 898	10 846	10 001	9 880	—	11 360
Other professional, technical, and kindred workers	16 497	14 574	16 507	15 190	14 808	17 548	18 871	17 129	15 288	18 378	16 985	16 426	12 888	10 954	13 355	13 142
Managers and administrators, except farm	12 529	12 896	13 510	14 887	13 267	18 304	18 896	15 054	12 399	16 935	15 993	14 214	13 029	9 468	12 255	12 280
Buyers, purchasing agents, and sales managers	17 621	15 057	17 141	15 240	15 304	17 423	18 667	17 780	16 238	18 809	17 330	16 820	12 878	8 296	13 407	13 207
Other managers and administrators	17 544	15 252	17 238	15 635	15 519	17 542	19 269	17 890	17 061	18 956	17 524	17 052	12 936	12 087	13 845	13 170
Salaried	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Self-employed	—	13 224	—	12 334	12 993	15 202	16 064	13 972	11 666	13 445	12 700	14 180	12 158	—	11 748	13 583
Sales workers	14 183	10 586	11 517	12 414	9 399	15 579	16 730	13 834	7 521	12 048	12 548	9 094	10 401	9 842	10 155	9 703
Newsboys	—	—	—	—	—	—	—	—	2 165	—	—	—	—	—	—	—
Other specified sales workers	11 839	—	—	10 028	7 715	—	—	—	11 289	11 094	—	5 643	11 562	9 147	—	9 545
Salesmen and sales clerks, n.e.c.	14 719	10 824	11 554	12 960	9 433	15 598	16 747	13 899	12 526	12 063	12 669	12 991	10 046	10 023	10 175	—

*Includes allocated costs not shown separately.

Table 4. Mean Earnings in 1969 of Employed Persons With Earnings in 1969 According to Industry by Occupation: 1970—Continued

In dollars. Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.

United States	Manufacturing—Con.										Transportation, communications, and other public utilities					
	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other non-durable goods	Total	Railroads and railway express service	Trucking service and warehousing	Other transportation
Bookkeepers	8 992	8 255	8 902	7 360	7 289	5 985	6 004	7 935	6 970	7 926	7 348	7 347	7 936	8 129	7 665	8 170
Cashiers	9 183	7 984	10 074	8 639	7 593	8 611	7 033	8 761	8 247	8 387	8 396	8 829	8 252	8 017	7 857	8 361
Estimators and investigators, n.e.c.	11 799	11 713	12 755	9 781	6 398	7 489	5 883	10 055	9 934	10 434	8 881	10 370	9 354	9 417	7 588	8 741
Office machine operators	9 043	6 528	9 029	7 667	9 405	7 489	5 883	7 684	6 995	7 793	7 544	7 437	9 354	8 402	7 588	8 733
Secretaries, stenographers, and typists	7 634	8 235	8 422	10 612	6 712	7 681	10 904	10 422	8 371	7 825	10 600	7 930	7 667	7 659	7 783	7 990
Shipping and receiving clerks	7 785	5 969	6 975	5 795	6 772	5 210	6 959	6 959	5 886	6 885	6 385	5 842	7 253	7 410	6 931	8 003
Stock clerks and storekeepers	7 698	7 475	7 550	6 396	6 561	5 108	4 620	7 078	6 266	7 583	6 808	6 662	7 314	7 185	6 215	8 232
Other clerical and kindred workers	9 375	8 460	9 320	7 703	7 586	6 240	7 642	8 506	6 736	8 405	7 791	7 522	8 014	8 237	8 130	8 333
Other clerical and kindred workers	9 612	7 813	9 610	8 425	8 335	7 151	7 690	9 068	8 965	9 467	9 115	8 268	8 857	8 780	8 632	9 041
Construction craftsmen	8 709	6 897	8 458	8 565	8 347	6 641	6 941	9 072	9 172	8 707	9 314	8 611	8 195	7 393	8 045	8 307
Brickmasons and stonemasons	8 214	6 225	7 706	7 224	7 047	5 896	5 884	7 247	9 492	8 018	8 196	8 046	8 415	6 744	8 039	6 860
Carpenters	9 175	7 642	9 402	9 097	9 588	6 841	7 867	9 567	10 434	9 145	9 497	8 847	8 923	7 824	9 738	7 738
Electricians	7 485	6 831	6 734	6 602	6 273	7 303	7 867	7 728	5 978	6 569	6 502	6 314	7 675	7 008	8 838	7 954
Excavating, grading and road machine operators	8 702	7 605	9 193	10 655	9 395	7 303	7 866	8 102	9 978	9 214	10 255	9 119	6 898	7 749	5 509	8 192
Pointers (const. & maint.), plasterers, & paperhangers	7 967	6 329	11 606	10 316	9 322	8 271	9 464	10 291	10 987	10 759	9 690	10 015	10 114	9 091	9 719	10 786
Plumbers and pipefitters	12 451	10 373	8 773	8 018	7 928	6 411	6 532	8 443	9 197	8 559	8 497	7 865	8 335	7 652	8 076	8 875
Other construction craftsmen	8 987	8 185	7 901	7 216	7 267	7 071	6 532	7 934	8 972	8 516	8 964	7 063	7 968	7 792	8 074	7 651
Foremen, n.e.c.	8 562	7 723	7 901	7 216	7 267	7 071	6 532	7 934	8 972	8 516	8 964	7 063	7 968	7 792	8 074	7 651
Mechanics and repairmen—Automobile, including body	8 811	8 048	9 103	8 935	8 842	6 896	7 658	8 890	9 117	8 976	8 885	8 333	8 345	7 403	9 934	8 949
Metal craftsmen, except mechanics	9 047	8 451	9 120	8 555	8 628	6 775	7 387	8 489	9 374	9 950	8 854	8 057	8 143	7 480	9 868	9 369
Machinists, job setters, and toolmakers	8 437	9 406	7 117	8 628	8 628	6 775	7 387	8 489	9 374	9 201	8 854	8 057	8 143	7 480	9 868	9 369
Blacksmiths, forgers, hammermen, boilermakers	8 328	7 632	9 070	9 864	9 169	7 117	7 387	8 587	9 196	8 201	8 854	8 057	8 143	7 480	9 868	9 369
Other metal craftsmen	8 172	8 834	9 080	9 986	9 708	7 303	7 866	9 389	8 012	8 141	9 286	9 071	8 529	7 558	11 325	8 518
Printing craftsmen	11 231	8 834	9 080	9 986	9 708	7 303	7 866	9 389	8 012	8 141	9 286	9 071	8 529	7 558	11 325	8 518
Stationary engineers and power station operators	9 241	7 505	8 458	7 788	7 068	6 069	7 035	8 004	8 238	8 065	7 045	7 268	8 898	9 952	8 367	9 241
Other craftsmen and kindred workers	8 211	6 674	7 430	6 496	6 482	5 191	5 417	7 174	6 887	7 575	6 970	6 325	7 131	6 846	5 710	7 317
Operatives, except transport	7 815	5 584	6 478	6 044	5 740	5 569	4 488	5 428	5 077	6 001	6 155	5 194	6 487	—	—	—
Assemblers	9 181	8 349	8 673	7 716	7 010	5 639	4 884	7 889	7 529	7 986	7 646	7 719	6 487	—	—	—
Checkers, examiners, and inspectors, manufacturing	7 222	4 940	8 096	6 521	7 034	5 891	5 232	6 630	7 101	7 683	6 917	6 003	—	—	—	—
Filers, polishers, sanders, and buffers	7 317	6 436	6 901	5 849	7 034	5 126	5 232	6 630	7 101	7 683	6 917	6 003	7 256	7 049	—	—
Painters, manufactured articles	8 397	7 431	7 731	7 330	7 034	5 789	—	—	—	7 379	7 160	6 639	—	—	—	—
Precision machine operatives	7 277	6 803	6 568	5 906	6 428	6 631	—	—	—	—	6 672	5 912	—	—	—	—
Drill press operatives	8 516	7 368	8 305	7 504	7 886	6 631	—	—	—	7 578	8 075	7 193	—	—	—	—
Grinding machine operatives	8 442	7 813	7 664	8 109	7 886	5 121	—	—	—	—	—	—	7 304	—	—	—
Lathe and milling machine operatives	9 127	7 435	8 593	8 109	7 886	5 121	—	—	—	—	—	—	7 594	—	—	—
Precision machine operatives, n.e.c.	7 302	6 920	6 892	6 632	—	—	—	7 600	7 087	—	5 953	6 118	8 335	—	—	—
Punch and stamping press operatives	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Solders	9 551	7 705	7 935	6 385	7 567	6 705	—	9 010	—	8 061	8 216	7 867	8 577	9 067	7 457	6 917
Stationary firemen	8 463	7 135	7 968	6 925	8 403	6 236	—	9 377	—	8 922	8 676	8 040	8 184	7 173	7 457	8 706
Welders and flame-cutters	7 558	6 323	6 978	6 494	6 505	5 144	5 491	6 760	6 788	6 723	6 616	5 666	6 346	7 157	5 518	7 016
Other specified operatives	7 558	6 142	7 001	6 499	6 642	—	4 974	7 445	7 499	7 850	6 760	5 382	6 194	6 916	5 449	8 348
Machine operatives, miscellaneous specified	7 666	6 341	6 668	6 136	6 076	—	5 232	6 932	6 725	8 028	6 045	6 191	7 008	6 382	5 874	8 263
Machine operatives, not specified	7 920	5 844	7 137	5 973	5 803	—	5 411	6 543	5 654	7 193	6 786	6 458	6 911	6 147	5 340	8 263
Miscellaneous operatives	8 883	6 147	7 772	6 368	6 598	—	5 101	7 225	5 865	7 909	6 668	6 580	7 146	6 718	5 340	7 723
Not specified operatives	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Transport equipment operatives	7 698	6 892	6 517	6 443	7 526	5 726	5 744	7 846	6 587	7 233	7 073	6 754	7 794	8 575	8 699	6 174
Deliverymen and routemen	6 858	7 341	6 052	6 159	7 923	5 811	4 828	8 045	6 502	6 914	6 304	7 504	7 968	7 128	8 223	7 030
Fork lift and tow motor operatives	7 200	6 840	6 052	6 032	6 564	4 707	4 421	6 999	6 285	6 913	6 380	5 959	7 071	6 161	7 046	7 609
Truck drivers	7 982	7 184	7 278	6 993	7 159	6 993	6 301	7 585	6 815	7 412	7 380	7 405	8 571	7 469	8 769	7 733
Other transport equipment operatives	9 091	6 890	5 818	6 342	6 744	5 694	—	7 746	6 413	8 092	6 814	6 316	6 731	8 724	6 099	6 099

*Includes allocated cases not shown separately.

Table 4. Mean Earnings in 1969 of Employed Persons With Earnings in 1969 According to Industry by Occupation: 1970—Continued

(In dollars. Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

	Manufacturing—Con.										Transportation, communications, and other public utilities					
	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other non-durable goods	Total	Railroads and railway express service	Trucking service and warehousing	Other transportation
Female, employed—Continued																
Clerical and kindred workers—Continued																
Payroll and timekeeping clerks	6 207	4 780	5 885	4 873	4 917	4 770	4 099	4 731	4 891	4 857	4 573	5 622	6 880	5 185	5 643	
Receptionists	5 496	3 426	6 171	4 347	3 951	4 604	3 778	4 347	3 678	3 482	4 020	3 915	3 915	3 488	4 199	
Secretaries	6 238	5 138	6 752	5 106	5 055	4 821	4 798	5 054	4 927	4 903	5 348	5 271	6 351	4 672	5 280	
Statistical clerks	6 618	5 006	6 191	5 114	4 329	4 184	4 507	5 513	4 659	5 278	4 551	5 263	6 835	3 946	5 770	
Stenographers	5 808	5 006	6 191	5 281	5 404	4 241	4 471	4 471	4 241	4 043	5 333	5 394	6 388	5 115	4 799	
Telephone operators	5 920	4 580	5 465	4 587	4 507	4 554	3 342	4 508	4 063	4 477	3 979	4 270	5 356	4 480	4 530	
Other clerical and kindred workers	5 482	4 580	5 852	3 897	4 191	3 943	3 464	4 221	3 612	4 436	4 081	4 301	5 893	3 827	4 469	
	6 616	5 126	5 852	4 407	4 407	4 148	3 951	4 703	3 921	4 544	4 087	4 966	6 320	4 537	5 415	
	6 847	4 845	6 978	4 426	4 622	4 653	4 525	5 416	4 496	4 850	4 029	6 800	8 139	6 201	7 327	
Craftsman and kindred workers	9 352	7 997	8 086	5 482	5 135	4 976	4 875	5 569	5 765	5 895	5 540	7 789	6 308	6 308	8 318	
Foremen, n.e.c.	6 340	7 997	7 039	4 713	7 409	4 388	3 495	6 409	4 313	6 316	4 714	7 192	7 072	7 127	7 927	
Mechanics and repairmen	...	...	...	4 768	...	3 686	4 438	4 271	4 313	4 629	4 ...	4 535	...	...	...
Printing craftsmen	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Assemblers	5 629	3 929	5 128	3 730	3 471	3 656	3 240	4 134	3 723	3 425	3 451	3 679	5 479	2 437	4 478	
Bottling and canning operatives	5 404	3 782	4 807	3 782	3 575	3 848	3 852	3 557	3 302	3 761	3 445	4 134	...	...	...
Chefs, examiners, inspectors, manufacturing	6 208	4 071	5 555	4 404	3 220	3 740	3 276	4 707	4 096	4 971	4 029	...	...	...	...
Graders and sorters, manufacturing	4 851	...	5 225	3 550	2 641	4 166	3 007	4 934	3 480	3 917	2 570	2 788	...	2 319	4 699	
Packers and wrappers, except produce	...	...	...	3 406	3 696	3 193	3 088	3 886	3 168	4 095	3 619	2 079	...	2 075	...
Produce graders and packers, exc. factory and farm	...	...	...	...	3 853	3 361	...	...	...	4 912	...	...	...	...	...
Mixing operatives	4 326	3 605	5 395	3 263	3 089	3 361	3 245	3 640	4 102	3 985	3 450	...	...	...	4 154
Sewers and stitchers	5 729	4 483	5 292	3 755	3 426	3 715	3 229	4 424	3 755	3 839	3 367	4 176	...	...	...
Other specified operatives	5 746	3 724	5 171	3 679	3 282	3 410	3 217	4 222	3 698	3 913	3 553	4 123	...	...	...
Machine operatives, miscellaneous specified	5 532	3 758	4 882	3 758	4 319	3 976	3 410	4 026	3 976	4 733	3 656	4 835	...	2 565	...	
Machine operatives, not specified	5 554	3 523	4 928	3 365	2 778	3 996	3 201	4 025	3 338	4 740	3 338	4 125	...	...	...
Miscellaneous operatives	6 260	3 368	5 553	3 614	3 613	...	3 117	3 719	3 971	3 869	3 288	...	...	...	...
Not specified operatives	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Transport equipment operatives	...	...	...	...	5 113	...	...	5 748	3 060	...	3 565	2 888	6 744	6 952	2 309
Deliverymen and rouletmen	...	...	...	...	4 881	...	...	...	2 994	...	...	4 346	...	5 324	2 678
Labors, except farm	5 245	3 184	5 152	2 965	3 426	3 343	3 025	3 863	3 348	4 351	2 962	4 258	4 593	3 566	4 697	
Farm workers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Service workers, except private household¹	4 951	3 971	4 880	3 138	2 971	3 396	2 959	3 298	3 209	3 704	2 997	4 939	4 027	2 547	5 536	
Cleaners and charwomen	5 627	3 759	...	3 137	3 015	3 217	2 693	2 802	2 944	3 728	2 803	3 456	4 302	2 370	4 180	
Food service workers	4 437	...	...	2 850	2 636	2 995	2 678	...	2 361	...	2 632	3 512	3 939	...	4 117
Waiters and food counter workers	...	...	...	3 609	2 724	3 118	...	...	3 010	...	3 549	3 733	3 488	...	4 049
Health service workers	...	...	...	...	2 103	...	...	...	...	...	...	3 037	...	...	3 070
Personal service workers	...	...	...	...	3 441	...	3 747	...	...	...	3 267	5 696	...	...	5 754
Protective service workers	...	...	...	...	...	...	...	...	...	...	...	4 204	...	...	...
Private household workers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

¹Includes allocated cases not shown separately.

Table 4. Mean Earnings in 1969 According to Industry by Occupation: 1970—Continued

In dollars. Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.

Occupation	United States		Wholesale trade		Retail trade				Finance, insurance, and real estate				
	Male, employed	Female, employed	Total	Food and farm products	General merchandise stores	Auto-motive dealers and gasoline stations	Apparel and accessories stores	Eating and drinking places	Other retail trade	Total	Banking and credit agencies	Insurance	Other finance and real estate
Transportation and other public utilities—Con.	10 036	8 542	9 638	8 418	6 838	7 319	5 983	7 009	7 613	5 351	7 601	11 320	11 648
Utilities and sanitary services	11 167	11 026	11 952	10 134	11 250	11 034	10 100	10 777	11 622	7 724	11 815	11 667	13 164
Communications	13 149	10 560	10 726	10 188	10 315	11 602	9 958	9 669	10 894	11 166	9 983	13 705	11 506
Accountants	11 151	10 125	10 881	10 054	15 705	10 936	9 763	9 532	10 212	9 285	9 729	9 676	11 141
Architects	12 165	12 282	14 008	10 536	12 298	12 453	9 484	13 147	12 644	10 402	12 832	11 131	12 832
Computer specialists	11 561	11 680	16 399	—	12 959	—	—	—	—	—	—	13 370	14 059
Engineers	12 070	12 509	12 621	—	11 521	—	—	—	—	—	—	11 034	—
Aeronautical and astronautical	15 132	12 191	13 035	—	10 582	—	—	—	—	—	—	10 306	—
Chemical	12 031	13 367	13 044	—	12 819	11 816	—	—	—	—	—	11 395	—
Civil	12 404	11 675	14 387	—	12 686	13 040	—	12 486	—	—	—	11 299	—
Electrical and electronic	21 373	20 343	19 403	—	23 956	—	—	—	—	—	—	19 457	29 446
Industrial	4 907	4 907	9 396	—	7 565	—	—	—	—	—	—	13 595	—
Mechanical	14 376	11 668	11 011	9 617	12 208	—	—	—	—	—	—	10 992	—
Other engineers	12 119	10 830	11 421	—	11 016	10 159	11 269	14 154	13 494	9 161	11 358	10 952	11 434
Lawyers and judges	15 263	12 568	12 921	10 025	12 874	11 019	12 118	—	—	—	12 897	13 177	14 338
Librarians, archivists, and curators	—	—	—	—	12 799	10 814	12 294	—	—	—	12 819	—	—
Mathematical specialists	—	—	—	—	12 669	—	—	—	—	—	12 774	—	—
Life and physical scientists	—	—	—	—	17 418	—	—	—	—	—	17 627	—	—
Chemists	—	—	—	—	—	—	—	—	—	—	—	—	—
Operations and systems researchers and analysts	—	—	—	—	—	—	—	—	—	—	—	—	—
Personnel and labor relations workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Physicians, dentists, and related practitioners	—	—	—	—	—	—	—	—	—	—	—	—	—
Dentists	—	—	—	—	—	—	—	—	—	—	—	—	—
Pharmacists	—	—	—	—	—	—	—	—	—	—	—	—	—
Physicians, medical and osteopathic	—	—	—	—	—	—	—	—	—	—	—	—	—
Other related practitioners	—	—	—	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	—	—	—	—
Health technologists and technicians	—	9 222	—	—	11 546	—	—	—	—	—	—	—	—
Religious workers	13 267	12 299	13 946	—	14 941	—	—	12 213	—	—	13 870	14 000	24 173
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, college and university	11 431	8 543	10 806	—	6 049	—	—	—	—	—	4 853	—	—
Teachers, except college and university	9 576	7 980	8 230	7 285	7 358	7 606	—	7 518	—	—	7 495	7 719	7 213
Engineering and science technicians	9 808	9 887	7 940	—	7 249	7 999	—	—	—	—	7 361	6 729	6 318
Draftsmen	—	—	8 329	—	8 271	—	—	—	—	—	8 174	—	—
Electrical and electronic engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—
Other engineering and science technicians	9 706	8 464	8 475	6 968	6 574	—	—	—	—	—	7 013	8 972	8 533
Technicians, exc. health, and eng. and science	10 178	9 243	9 541	—	8 156	—	—	7 870	—	—	8 180	9 284	10 449
Airplane pilots	—	—	12 983	—	9 994	—	—	—	—	—	—	—	—
Embalmers	—	—	—	—	—	—	—	—	—	—	—	—	—
Radio operators and air traffic controllers	10 542	8 110	8 734	—	8 031	—	—	—	—	—	—	—	—
Other technicians, exc. health, and eng. and science	9 092	9 033	12 129	9 545	8 255	9 865	7 923	9 193	8 814	6 685	9 506	11 344	9 370
Writers, artists, and entertainers	9 688	11 060	11 609	10 437	9 131	10 619	6 393	10 570	—	—	9 190	11 253	11 562
Other professional, technical, and kindred workers	13 836	9 127	14 888	13 058	10 659	11 577	9 252	10 449	12 449	9 914	11 386	14 469	15 838
Managers and administrators, except farm	14 974	12 737	13 981	11 507	11 255	11 205	8 965	13 275	12 044	9 997	11 938	16 720	19 054
Buyers, purchasing agents, and sales managers	14 830	12 131	15 270	14 129	10 537	11 838	9 321	10 156	12 605	9 912	11 271	14 330	15 660
Other managers and administrators	14 988	12 819	15 270	14 440	11 032	12 088	10 051	10 762	12 749	9 900	11 698	14 128	15 437
Salaried	14 978	12 780	15 485	14 440	11 032	12 088	10 051	10 762	12 749	9 929	11 698	14 128	15 437
Self-employed	15 767	13 955	13 335	12 982	9 694	10 541	8 238	9 311	12 202	9 929	10 510	16 931	16 473
Sales workers	11 417	10 244	11 003	9 650	7 074	6 025	5 537	8 700	5 632	4 581	7 366	12 944	14 447
Newsboys	—	—	—	—	4 830	4 755	—	—	—	—	5 068	—	—
Other specified sales workers	12 372	10 220	9 514	9 913	7 248	7 280	5 642	10 261	—	—	7 226	12 951	14 452
Salesmen and sales clerks, n.e.c.	9 955	10 245	11 060	9 647	7 069	5 837	5 536	8 697	5 632	4 534	7 389	11 071	12 508

Table 4. Mean Earnings in 1969 of Employed Persons With Earnings in 1969 According to Industry by Occupation: 1970—Continued

In dollars. Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.

Occupation	Transportation, communication, and other public utilities—Con.		Wholesale trade		Retail trade				Finance, insurance, and real estate					
	Com-muni-cations	Utilities and sanitary services	Total	Food and farm products	General merchandise stores	Food stores	Auto-motive dealers and gasoline stations	Apparel and accessories stores	Eating and drinking places	Other retail trade	Total	Banking and credit agencies	Insurance	Other finance and real estate
Male, employed—Continued														
Clerical and kindred workers														
Bookkeepers	8 107	7 736	6 804	6 870	4 890	4 289	6 736	4 814	4 491	5 397	7 583	6 467	8 453	8 371
Cashiers	9 100	8 455	7 488	7 489	7 156	7 089	7 183	7 218	4 431	6 978	7 150	6 450	8 013	8 848
Estimators and investigators, n.e.c.	10 215	7 714	5 523	5 147	3 100	3 647	4 714	3 007	2 630	3 155	9 033	8 116	9 302	9 390
Office machine operators	7 201	9 533	10 380	7 222	7 065	7 194	9 053	...	6 717	7 829	6 383	5 926	6 709	7 584
Secretaries, stenographers, and typists	7 089	7 708	10 162	6 637	6 199	6 392	6 439	...	11 418	8 126	9 046	8 942	8 989	7 270
Shipping and receiving clerks	6 318	7 089	6 047	8 332	8 081	7 939	10 773	12 969	5 318	5 245	5 557	4 518	4 518	6 370
Stock clerks and storekeepers	6 467	6 863	5 731	6 756	5 207	6 712	5 529	4 322	4 414	3 854	5 694	5 318	4 997	6 571
Other clerical and kindred workers	8 220	7 460	7 029	6 973	3 883	3 887	5 075	2 784	4 209	3 574	7 570	6 208	8 671	8 092
Craftsman and kindred workers														
Construction craftsmen	8 879	8 987	8 241	8 015	7 535	8 022	6 877	7 474	6 545	7 064	7 523	8 406	8 566	7 082
Brickmasons and stonemasons	8 444	8 495	7 709	6 490	8 315	7 802	6 376	7 449	5 389	6 857	6 404	7 892	7 542	6 220
Carpenters	9 829	8 600	8 287	8 287	8 800	8 659	5 372	...	4 769	6 056	6 654	7 769	7 181	6 550
Electricians	8 616	8 400	6 658	5 196	8 782	7 858	...	...	...	6 372	7 805	...	8 543	6 666
Excavating, grading and road machine operators	...	7 688	6 599	8 944	6 543	...	...	...	5 756	5 660	6 626	...	...	4 885
Painters (const. & mainl.), plasterers, & paperhangers	...	7 894	5 944	5 847	...	...	7 210	...	...	7 261	7 061	...	...	7 387
Plumbers and pipefitters	8 399	8 481	8 095	8 095	...	...	6 933	...	...	7 661	9 279	...	...	9 307
Other construction craftsmen	12 077	10 450	9 582	8 878	9 181	9 848	9 459	11 837	8 565	9 033	10 184	10 013	11 573	9 488
Foremen, n.e.c.	8 387	8 251	7 740	7 478	7 001	8 017	6 789	6 335	6 811	6 642	7 140	8 040	7 281	6 880
Mechanics and repairmen	8 170	8 262	6 882	7 247	5 903	7 688	6 814	6 230	...	6 422	6 871	...	...	...
Automobile, including body	...	...	...	...	...	...	...	...	...	...	...	...	...	7 892
Metal craftsmen, except mechanics														
Machinists, job setters, and toolmakers	9 008	9 458	8 285	8 325	7 741	7 411	7 362	...	...	7 559	7 537	...	...	...
Blacksmiths, forgers, hammermen, boiler-makers	...	9 148	7 979	8 181	7 174	...	7 008	...	...	7 378	7 317	...	...	...
Other metal craftsmen	...	10 269	9 515	8 621	...	...	...	...	...	5 004	...	...	...	...
Printing craftsmen	6 286	9 669	8 730	8 584	7 159	6 880	7 740	...	...	6 744	6 133	5 478	6 526	8 769
Stationary engineers and power station operators	10 075	6 862	6 403	5 543	6 655	9 856	6 384	...	...	8 511	8 875	9 066	9 391	8 769
Other craftsmen and kindred workers	8 645	9 076	9 223	8 477	6 271	7 293	6 956	...	...	7 129	7 647	9 635	8 060	7 205
Operatives, except transport														
Assemblers	6 500	7 931	6 037	6 010	4 990	6 969	3 539	4 922	4 460	4 982	6 771	5 658	8 511	6 592
Checkers, examiners, and inspectors, manufacturing	...	8 219	6 021	4 856	...	...	4 165	...	...	4 275	...	...	...	...
Filers, polishers, sanders, and buffers	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Painters, manufactured articles	...	5 905	...	...	...	...	3 426	...	...	4 739	...	...	...	...
Precision machine operatives	...	9 341	7 062	...	...	...	7 155	...	...	4 847	...	...	...	...
Drill press operatives	...	7 280	6 842	...	...	...	...	...	...	6 226	...	...	...	...
Grinding machine operatives	...	7 133	...	...	...	...	...	...	...	...	...	...	...	...
Lathe and milling machine operatives	...	7 859	...	...	...	...	...	...	...	6 593	...	...	...	...
Precision machine operatives, n.e.c.	...	7 156	...	...	...	...	...	...	...	...	...	...	...	...
Punch and stamping press operatives	...	6 814	...	...	...	...	...	...	...	...	...	...	...	...
Solderers	...	6 723	...	...	...	...	...	...	...	...	...	...	...	...
Stationary firemen	...	7 225	...	...	...	...	...	...	...	...	...	...	...	...
Welders and flame-cutters	...	6 760	...	...	...	...	...	...	...	...	...	...	...	...
Other specified operatives	6 448	6 696	5 882	6 095	4 802	7 138	5 372	4 854	4 217	4 845	6 322	...	...	5 937
Machine operatives, miscellaneous specified	5 204	8 267	5 999	5 999	5 260	5 645	3 422	...	4 350	5 515	9 525	...	...	...
Machine operatives, not specified	6 154	7 625	6 284	6 181	3 473	6 471	5 688	...	...	5 242	5 242	...	...	...
Miscellaneous operatives	...	6 862	5 501	5 001	...	...	...	...	...	...	...	...	...	...
Not specified operatives	...	7 759	5 873	6 448	...	...	...	...	...	...	...	...	...	...
Transport equipment operatives														
Deliverymen and roulemen	6 578	6 722	6 988	7 435	6 589	6 954	5 532	4 919	4 327	5 053	5 714	5 402	6 996	5 625
Fork lift and tow motor operatives	5 651	6 505	7 197	7 810	6 637	6 454	4 981	3 639	3 980	4 385	5 359	6 554	...	4 777
Truck drivers	6 977	6 694	6 842	6 639	6 497	7 909	6 282	6 764	6 034	5 668	7 068	...	...	6 567
Other transport equipment operatives	7 876	7 482	6 765	7 204	4 030	5 540	4 300	...	2 877	5 430	5 037	4 631	...	5 123

Table 4. Mean Earnings in 1969 of Employed Persons With Earnings in 1969 According to Industry by Occupation: 1970—Continued

(In dollars. Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

Occupation	Transport, comm., and other public utilities—Con.		Wholesale trade		Retail trade					Finance, insurance, and real estate				
	Com-muni-cations	Utilities and sanitary services	Total	Food and farm products	General merchandise stores	Food stores	Auto-motive dealers and gasoline stations	Apparel and accessories stores	Eating and drinking places	Other retail trade	Total	Banking and credit agencies	Insurance	Other finance and real estate
Male, employed—Continued														
United States														
Laborers, except farm														
Construction laborers	6 175	5 662	5 030	5 037	2 711	2 911	3 403	2 066	2 377	3 324	4 373	4 512	3 813	4 380
Freight, stock, and material handlers	4 840	6 235	5 612	4 628	2 887	2 898	3 716	2 033	2 600	4 498	5 883	4 449	...	7 380
Vehicle washers and equipment cleaners	7 593	5 589	5 289	5 365	3 171	2 660	3 190	...	...	3 471	...	...	...	...
Other specified laborers	5 805	6 052	3 568	3 716	2 967	3 338	4 701	...	2 977	3 549	4 241	...	...	4 236
Miscellaneous laborers	...	6 000	4 665	3 507	3 542	5 044	...	...	...	3 287	4 998	...	...	5 022
Not specified laborers	4 238	5 510	4 193	4 937	3 420	2 743	3 032	...	2 010	3 432	3 819	...	...	3 800
Farm workers														
Service workers, including private household														
Cleaning service workers	5 730	6 017	5 097	4 885	4 004	3 471	3 692	3 530	3 837	4 036	4 913	4 976	5 070	4 881
Food service workers	5 413	5 911	4 755	4 780	4 030	3 286	3 214	3 368	2 920	2 953	4 720	4 375	5 102	4 773
Health service workers	...	...	4 686	4 792	2 310	3 088	...	...	3 840	3 565	4 433	5 279	4 793	3 474
Personal service workers	...	...	6 050	6 381	5 240	...	...	3 754	7 470	5 706	4 911	4 549	...	4 918
Guards and watchmen	6 989	6 067	5 290	4 395	5 045	5 628	4 806	4 771	3 479	4 306	5 443	5 867	4 922	4 919
Other service workers, including private household	...	7 022	6 186	5 941	5 875	4 356	7 731	...	...	4 395	5 549	6 858	...	5 482
Female, employed														
Professional, technical, and kindred workers														
Accountants	4 743	5 267	4 457	3 917	2 900	3 123	4 117	3 189	2 385	3 226	4 432	4 326	4 431	4 621
Computer specialists	6 784	6 724	6 395	5 481	5 152	5 001	6 096	5 541	4 634	5 272	6 140	6 006	6 264	6 182
Engineers	8 086	6 170	7 166	5 964	4 709	5 143	6 194	4 895	5 339	4 877	5 524	5 357	5 246	6 659
Librarians, archivists, and curators	9 366	10 812	15 064	...	6 783	...	...	...	...	5 941	7 264	6 846	7 561	7 475
Life and physical scientists	...	...	...	...	...	...	...	...	...	...	6 415	...	...	...
Physicians, dentists, and related practitioners	...	...	...	...	...	...	...	...	...	6 702	...	...	...	...
Registered nurses, dietitians, and therapists	...	...	...	...	4 324	...	...	...	6 199	...	6 191	...	6 703	...
Health technologists and technicians	...	6 752	...	...	4 411	...	...	...	...	...	7 376	7 349	...	...
Social scientists	...	...	...	...	4 314	...	...	...	...	...	5 932	...	...	...
Social and recreation workers	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Teachers, except college and university	7 270	...	...	...	2 950	...	...	...	...	3 391	...	...	...	...
Engineering and science technicians	5 174	6 183	4 826	4 230	5 400	...	...	...	...	4 029	4 674	...	...	...
Technicians, exc. health, and engineering and science	...	6 625	6 531	...	5 119	...	...	5 652	4 265	5 115	5 906	5 889	6 230	5 490
Writers, artists, and entertainers	7 875	6 317	5 885	5 729	5 942	4 232	...	6 221	5 093	4 554	6 505	6 595	6 687	6 116
Other professional, technical, and kindred workers	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Managers and administrators, except farm														
Buyers, purchasing agents, and sales managers	7 650	7 575	7 607	8 199	5 441	4 791	6 628	6 177	5 106	5 195	5 993	6 444	7 224	4 973
Other managers and administrators	7 606	7 525	6 720	8 096	5 596	5 237	8 246	6 340	4 619	5 392	8 264	6 618	...	8 873
Self-employed	7 625	7 651	7 980	8 223	5 231	4 733	6 548	6 077	5 115	5 143	5 963	6 443	7 188	4 909
Self-employed	...	...	7 164	9 581	5 294	5 009	6 881	6 034	5 104	5 661	5 988	6 444	7 191	4 782
Self-employed	...	...	...	...	4 912	4 553	5 753	6 178	5 125	4 513	5 626	...	...	5 536
Sales workers														
Clerical and kindred workers														
Billing clerks	4 517	5 502	4 724	4 393	2 511	2 364	4 565	2 603	2 043	2 718	5 748	5 696	5 586	5 841
Bookkeepers	4 462	4 255	4 419	4 262	3 308	3 177	3 884	3 183	2 932	3 483	4 171	4 136	4 138	4 335
Cashiers	4 885	4 916	4 015	3 848	3 418	3 966	4 015	3 329	4 284	3 146	3 884	3 788	3 908	4 816
Computer clerks, except food	4 299	4 527	3 384	3 209	3 764	4 515	4 083	3 806	4 382	3 821	3 884	4 099	4 436	4 926
File clerks	4 482	5 511	4 027	3 924	2 835	3 409	3 181	2 315	2 382	2 522	4 151	3 705	4 436	4 816
Office machine operators	4 022	4 446	3 158	3 199	3 025	2 813	2 333	2 566	1 898	2 849	3 335	3 144	3 058	3 943
Bookkeeping and billing machine operators	4 299	5 064	4 375	4 332	3 854	4 402	4 329	3 909	3 836	3 941	3 046	3 144	2 978	3 211
Keypunch operators	5 673	4 481	4 383	4 383	3 620	4 153	4 574	3 477	3 836	3 939	4 133	4 000	4 223	5 133
Keypunch operators	3 817	5 040	4 353	4 420	4 051	4 353	4 107	4 012	...	4 200	4 264	4 211	4 164	5 147

Table 4. Mean Earnings in 1969 of Employed Persons With Earnings in 1969 According to Industry by Occupation: 1970—Continued

(In dollars. Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Professional and related services										Public administration			
	Business services	Auto-mobile services	Other repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Health services, except hospitals			Educational and kindred services		Welfare, religious, and nonprofit membership organizations	Other professional and related services	
							Hospitals	Health services, except hospitals	Government	Private				
Male, employed	9 806	6 587	7 275	5 783	6 365	7 379	10 500	7 804	21 783	8 658	7 590	6 993	13 772	9 147
Professional, technical, and kindred workers	12 324	9 734	11 686	8 002	8 942	10 361	12 856	11 720	27 450	9 554	9 014	7 019	15 421	12 046
Accountants	9 787	10 703	11 371	7 250	9 992	10 392	13 651	9 454	10 366	9 452	8 788	9 777	14 229	11 447
Architects	12 034	—	10 508	—	—	—	16 592	9 300	10 619	12 512	6 264	9 156	16 787	13 741
Computer specialists	15 034	—	12 619	8 973	10 232	10 825	14 836	10 821	15 716	7 259	11 319	11 216	11 503	11 808
Engineers	15 403	—	—	—	—	—	15 691	—	—	10 844	—	—	16 032	13 824
Aeronautical and astronautical	13 028	—	—	—	—	—	14 164	—	—	—	—	—	15 136	15 893
Chemical	14 495	—	—	—	—	—	15 190	—	12 211	10 014	10 297	13 209	15 656	14 337
Civil	14 157	—	—	—	—	—	13 736	12 067	—	11 273	10 604	12 513	14 451	12 763
Electrical and electronic	18 205	—	13 352	—	—	10 813	14 794	9 898	—	10 961	—	12 513	16 415	14 679
Industrial	14 021	—	13 464	—	—	—	14 105	9 878	—	11 600	10 649	9 333	14 657	13 893
Mechanical	13 793	—	11 225	—	—	—	15 414	11 555	21 760	10 808	12 589	9 333	15 869	14 974
Other engineers	18 704	—	—	—	—	—	23 494	—	27 761	12 897	13 939	11 931	23 643	16 723
Lawyers and judges	16 023	—	—	—	—	—	8 062	—	—	7 812	6 561	—	23 000	9 484
Librarians, archivists, and curators	13 672	—	—	—	—	—	14 112	—	—	8 532	—	—	18 784	12 726
Mathematical specialists	13 672	—	—	—	—	—	11 869	—	—	8 577	9 547	—	14 641	13 546
Life and physical scientists	13 169	—	—	—	—	—	11 099	12 969	11 153	7 944	7 989	—	13 385	13 978
Chemists	13 438	—	—	—	—	—	13 220	—	—	11 480	—	—	15 999	14 121
Operations and systems researchers and analysts	10 860	9 217	14 065	11 342	8 605	13 825	11 943	11 071	13 131	12 367	10 646	8 775	16 494	11 335
Personnel and labor relations workers	—	—	—	—	—	30 240	26 825	16 503	30 186	13 989	19 968	12 388	22 659	16 441
Physicians, dentists, and related practitioners	—	—	—	—	—	—	23 740	13 989	24 077	14 852	—	—	—	18 086
Dentists	—	—	—	—	—	—	10 833	10 126	21 281	—	—	—	—	12 420
Pharmacists	—	—	—	—	—	—	29 940	17 434	35 866	—	—	—	—	17 979
Physicians, medical and osteopathic	—	—	—	—	—	—	17 047	12 311	17 190	16 112	21 418	12 402	26 733	14 016
Other related practitioners	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	8 710	—	—	—	3 368	—	8 235	7 467	10 884	9 052	6 895	7 482	9 241	8 925
Health technologists and technicians	15 311	—	—	—	—	—	7 626	7 182	10 068	5 299	5 932	6 829	9 241	9 261
Religious workers	8 766	—	—	—	—	—	6 596	7 303	9 455	11 163	7 688	6 557	6 803	9 649
Social scientists	12 191	—	—	7 571	—	6 817	13 589	12 005	14 950	11 163	12 949	11 097	18 662	13 247
Social and recreation workers	9 031	—	—	—	—	—	7 971	9 880	9 199	11 824	9 446	7 667	8 203	8 488
Teachers, except college and university	9 070	—	—	—	—	—	11 725	—	—	11 824	11 327	—	—	—
Teachers, college and university	9 827	7 398	8 696	—	—	8 465	8 684	8 537	6 890	8 981	7 355	4 940	8 783	9 901
Engineering and science technicians	9 863	—	8 031	—	7 303	10 219	7 668	7 391	8 029	4 722	4 602	7 492	8 532	9 423
Draftsmen	8 705	—	9 119	—	8 043	10 834	8 309	7 867	—	4 484	6 798	7 850	8 487	8 617
Electrical and electronic engineering technicians	—	—	—	—	—	—	9 239	—	—	6 784	7 241	—	10 213	10 750
Industrial and mechanical engineering technicians	—	—	—	—	—	—	6 717	7 372	7 916	4 110	3 466	7 053	10 162	11 033
Other engineering and science technicians	9 666	—	8 699	—	7 337	15 680	6 717	6 717	10 580	6 317	7 349	—	8 347	8 631
Technicians, exc. health, and eng. and science	—	—	—	—	—	—	8 604	—	—	8 604	8 207	—	8 718	10 841
Airplane pilots	—	—	—	—	7 283	—	8 857	—	—	6 317	8 207	—	—	13 012
Empainers	—	—	—	—	—	—	3 672	—	—	—	—	—	—	—
Radio operators and air traffic controllers	9 720	—	8 783	—	—	16 116	7 273	—	—	6 704	6 478	—	8 476	11 118
Other technicians, exc. health, and eng. and science	13 020	—	12 424	7 986	9 254	10 449	9 623	12 081	10 072	6 928	7 343	7 274	11 394	9 319
Writers, artists, and entertainers	13 773	—	—	—	9 853	10 720	9 464	9 138	10 543	9 085	7 592	9 306	10 009	10 961
Other professional, technical, and kindred workers	16 167	10 769	11 873	10 289	11 232	11 776	13 431	13 278	13 972	13 615	12 795	11 895	16 100	11 260
Managers and administrators, except farm	14 889	12 396	12 765	10 036	11 863	13 564	10 834	8 600	8 009	10 592	13 156	10 323	13 379	11 375
Buyers, purchasing agents, and sales managers	16 285	10 714	11 681	10 295	11 219	11 734	13 515	13 740	14 125	13 664	12 781	11 925	16 262	11 254
Other managers and administrators	16 960	10 757	12 379	10 144	10 960	12 213	13 419	13 679	13 712	13 664	12 814	11 928	15 769	11 254
Salaries	13 373	10 648	10 637	10 533	11 611	10 244	17 099	18 625	17 235	—	12 202	—	20 793	—
Self-employed	12 256	9 011	9 136	9 726	8 260	7 067	9 541	7 033	9 422	5 790	7 677	9 217	12 447	8 140
Sales workers	13 132	—	8 319	—	9 866	8 189	8 712	—	—	9 696	—	—	—	9 673
Other specified sales workers	11 366	9 023	9 612	9 711	8 129	6 919	9 685	—	10 179	2 668	7 802	9 312	13 250	7 189
Salesmen and sales clerks, n.e.c.	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 4. Mean Earnings in 1969 of Employed Persons With Earnings in 1969 According to Industry by Occupation: 1970—Continued

(In dollars. Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text.)

United States	Professional and related services											
	Business services	Auto-mobile services	Other repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Educational and kindred services			Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
							Hospitals	Health services, except hospitals	Government				Private
Male, employed—Continued												
Labors, except farm												
Construction laborers	2 387	5 037	3 284	2 532	4 424	4 596	3 865	4 793	3 613	3 529	4 552	5 798
Freight, stock, and material handlers	3 449	4 758	3 340	1 780	8 038	5 556	...	3 834	3 520	5 347	4 552	5 552
Vehicle washers and equipment cleaners	4 344	3 625	4 957	3 364	...	4 385	...	4 017	2 303	3 680	5 025	6 521
Other specified laborers	3 222	4 573	...	3 822	...	5 712	...	5 411	4 174	3 399	4 680	6 072
Miscellaneous laborers	5 550	4 391	3 475	2 560	4 310	4 698	3 983	2 366	...	2 829	3 419	5 375
Not specified laborers	8 062	7 190	2 654	2 336	2 643	3 720	3 464	3 036	2 574	...	...	5 582
...	3 791	3 572	...	...	...	...	...	...	...	...	...	4 618
Farm workers												
...
Service workers, including private household	3 174	5 298	4 080	5 646	3 824	4 514	3 882	4 732	3 692	3 476	4 739	8 230
Cleaning service workers	5 059	4 842	3 380	3 194	3 675	4 306	3 702	5 028	4 122	3 261	4 303	5 311
Food service workers	3 819	...	4 235	...	4 258	4 022	3 024	2 146	2 188	3 757	3 564	5 538
Health service workers	...	...	...	...	...	4 559	4 103	3 018	...	3 289	...	6 750
Personal service workers	5 341	6 054	4 592	6 313	3 372	4 506	5 088	3 223	2 830	3 825	3 371	5 663
Guards and watchmen	4 660	4 888	4 339	3 550	4 821	5 715	4 799	4 782	4 650	4 426	4 775	7 196
Other service workers, including private household	8 152	5 354	...	3 937	4 558	5 873	6 919	6 012	5 378	6 437	4 780	8 823
...
...	4 219	3 910	2 802	2 172	3 395	4 473	3 867	5 225	3 576	4 033	4 484	5 380
Female, employed												
Professional, technical, and kindred workers												
Accountants	5 764	6 365	4 623	3 578	4 309	5 744	5 635	6 566	4 312	5 046	5 702	7 391
Computer specialists	3 587	8 858	5 666	5 237	6 549	6 343	5 407	5 443	5 713	6 220	5 766	6 772
Engineers	8 314	...	...	...	...	6 529	...	...	6 018	...	8 066	8 970
Librarians, archivists, and curators	10 824	...	...	...	...	8 401	...	...	...	...	9 651	10 428
Life and physical scientists	8 260	...	...	...	...	4 476	7 949	6 316	4 525	3 746	5 286	10 428
Physicians, dentists, and related practitioners	...	...	...	...	...	7 102	9 397	6 397	5 318	...	8 339	9 162
Registered nurses, dietitians, and therapists	...	...	...	...	...	12 632	15 875	11 081	10 392	...	...	12 084
Health technologists and technicians	5 332	...	4 292	3 409	...	5 668	4 933	6 405	4 711	5 116	4 859	7 054
Social scientists	6 755	...	...	...	...	5 166	5 243	9 836	4 759	4 066	6 394	6 707
Social and recreation workers	...	...	...	...	...	7 532	8 070	9 036	8 052	7 559	11 261	9 332
Teachers, except college and university	5 991	...	2 788	1 633	3 697	7 093	6 126	6 307	5 108	6 126	5 714	6 054
Engineering and science technicians	4 466	...	...	...	3 010	7 359	4 136	6 567	4 046	2 238	3 563	4 894
Technicians, exc. health, and engineering and science	4 550	...	...	...	...	5 850	4 510	3 422	3 019	4 505	5 219	6 740
Writers, artists, and entertainers	6 554	...	...	...	...	6 447	6 066	4 474	3 719	4 505	4 341	5 419
Other professional, technical, and kindred workers	5 643	6 276	5 059	3 442	4 721	3 700	5 181	7 027	5 881	2 525	4 341	7 609
Managers and administrators, except farm	7 878	5 739	5 053	5 255	6 216	7 690	6 931	7 751	5 019	6 923	6 825	6 737
Buyers, purchasing agents, and sales managers	7 294	...	...	6 536	6 137	6 443	...	5 723	4 920	6 882	...	8 256
Other managers and administrators	7 922	5 742	5 045	5 229	6 183	7 795	6 940	7 796	5 020	6 924	6 824	6 640
Self-employed	7 842	6 170	4 580	4 928	5 783	7 788	6 862	7 796	5 026	6 936	6 799	6 640
...	8 277	4 957	5 644	5 769	7 664	6 468	7 276	...	4 962	...	8 307	...
...	3 580	2 764	3 760	2 658	1 528	3 154	2 747	3 013	2 706	3 172	2 954	3 858
Sales workers												
Clerical and kindred workers												
Billing clerks	3 868	3 904	3 462	3 955	3 567	4 036	3 767	3 193	2 894	3 832	4 315	5 135
Bookkeepers	4 215	3 529	...	3 538	...	4 029	3 747	4 279	...	...	4 898	4 965
Cashiers	5 112	3 970	3 329	3 813	4 639	4 490	4 058	4 534	1 158	4 368	4 213	5 586
Counter clerks, except food	3 375	2 707	3 174	2 421	1 841	2 383	3 330	1 691	1 891	2 894	3 698	4 763
File clerks	3 252	3 720	2 953	2 388	2 537	3 400	3 300	1 891	1 471	3 103	3 103	5 222
Office machine operators	3 722	3 083	3 184	2 880	2 969	3 137	2 532	2 606	1 690	3 517	3 156	4 402
Bookkeeping and billing machine operators	4 215	4 272	...	3 580	5 484	3 905	4 284	3 921	3 596	4 313	3 994	4 779
Keypunch operators	4 717	...	...	3 534	...	4 136	...	3 921	3 379	5 216	4 309	5 874
...	...	...	...	3 968	...	3 819	3 976	3 652	3 379	4 171	3 978	4 409

Table 4. Mean Earnings in 1969 of Employed Persons With Earnings in 1969 According to Industry by Occupation: 1970—Continued

(In dollars. Data based on 5-percent sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text)

United States	Professional and related services											
	Business services	Auto-mobile services	Other repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Educational and kindred services			Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
							Government	Private	Health services, except hospitals			
	Total	Hospitals	Health services, except hospitals	Government	Private	Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration				
Female, employed—Continued												
Clerical and kindred workers—Continued												
Payroll and timekeeping clerks	4 936	4 936	4 936	4 237	3 786	4 237	4 513	5 006	4 777	5 036	4 989	6 126
Receptionists	3 129	3 680	3 680	3 437	2 687	3 437	3 065	2 253	1 835	3 364	3 737	4 364
Secretaries	4 165	4 431	4 431	4 863	3 809	4 863	4 211	3 903	3 544	3 785	4 850	5 621
Statistical clerks	4 149	4 231	4 231	4 863	3 415	4 863	4 299	3 779	3 920	4 522	4 305	5 765
Stenographers	4 443	4 961	4 961	4 863	4 013	4 863	4 437	4 194	3 498	4 216	4 838	5 872
Telephone operators	3 276	3 712	3 712	4 152	2 813	4 152	3 488	2 615	1 881	3 471	4 498	4 850
Typists	3 194	3 943	3 943	3 248	2 813	3 248	3 569	2 713	2 173	3 635	3 406	4 592
Other clerical and kindred workers	3 110	3 778	3 778	3 713	3 182	3 713	3 726	2 570	2 234	3 958	3 691	5 076
Craftsmen and kindred workers	3 900	5 235	5 235	4 366	3 158	4 366	4 197	3 162	3 090	4 527	4 528	6 652
Foremen, n.e.c.	5 628	5 581	5 581	4 154	4 154	4 154	4 110	6 384	4 600	6 175	7 409	7 550
Mechanics and repairmen	4 145	4 145	4 145	...	...	...	...	4 434	...	...	...	6 674
Printing craftsmen	3 772	3 772	3 772	...	...	...	...	3 709	2 699	...	...	5 447
Operatives, except transport	3 112	3 550	3 550	4 256	2 704	4 256	2 430	3 053	2 097	2 407	3 318	4 853
Assemblers	2 749	...	...	3 224	3 224	3 224	...	...	...	...	3 320	5 498
Bottling and canning operatives	...	...	...	...	...	...	...	...	...	...	...	...
Checkers, examiners, inspectors, manufacturing	...	...	...	...	...	...	...	...	...	...	...	...
Graders and sorters, manufacturing	...	...	...	...	...	...	...	...	...	...	...	...
Packers and wrappers, except produce	2 148	...	...	...	2 987	...	...	...	...	...	2 319	...
Produce graders and packers, exc. factory and farm	...	...	...	...	...	...	...	...	...	...	...	...
Mixing operatives	3 645	4 060	4 060	...	...	...	...	...	...	3 040	3 409	4 764
Sewers and stitchers	3 163	3 471	3 471	4 690	2 725	4 690	2 463	3 473	2 132	2 465	3 170	4 510
Other specified operatives	2 927	3 609	3 609	...	...	...	...	2 430	2 132	...	...	4 852
Machine operatives, miscellaneous specified	3 607	3 607	3 607	...	...	...	...	...	...	...	...	...
Machine operatives, not specified	2 690	3 825	3 825	...	...	...	...	2 780	2 188	1 784	3 292	4 653
Miscellaneous operatives	3 051	3 051	3 051	...	...	...	...	...	...	...	3 368	...
Not specified operatives	2 384	3 675	3 675	...	...	...	...	2 220	1 930	1 868	3 402	4 594
Transport equipment operatives	2 894	2 894	2 894	...	...	...	...	...	...	...	...	...
Deliverymen and roulemen	2 894	2 894	2 894	...	...	...	...	...	...	...	...	...
Laborers, except farm	2 637	3 274	3 274	2 089	2 176	2 089	1 860	2 030	2 129	2 006	2 596	4 585
Farm workers	...	...	...	...	...	...	...	...	...	...	...	...
Service workers, except private household	2 784	3 392	3 392	2 380	3 175	2 380	2 791	2 011	1 927	2 231	2 699	3 462
Cleaners and charwomen	2 620	3 205	3 205	2 207	1 913	2 207	2 055	2 680	2 391	1 815	2 280	3 240
Food service workers	2 735	3 223	3 223	2 157	1 550	2 157	2 041	2 586	2 704	1 949	1 947	3 059
Waiters and food counter workers	2 366	3 058	3 058	2 091	1 975	2 091	2 315	1 759	1 720	2 297	2 090	3 130
Health service workers	1 734	2 922	2 922	2 273	1 866	2 273	1 959	1 430	1 363	2 056	3 075	3 139
Personal service workers	3 247	3 449	3 449	2 275	3 328	2 275	2 896	2 482	2 961	2 811	3 075	4 395
Protective service workers	2 406	4 071	4 071	...	...	...	...	2 167	1 894	2 404	2 382	3 669
Private household workers	2 496	3 758	3 758	...	...	...	...	1 844	...	...	...	3 547

Includes allocated cases not shown separately.

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

Occupation	Total, 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction		Manufacturing							Electrical machinery, equipment, and supplies	Motor vehicles and motor equipment	
				Total	Special contractors	Lumber and wood products, except furniture	Furniture and fixtures	Stone, clay, and glass products	Primary ferrous industries	Primary non-ferrous industries	Fabricated metal industries (including specified metal)	Machinery, except electrical			
TOTAL	42 687 552	1 068 761	565 877	3 731 145	1 372 573	13 943 508	448 682	300 477	465 876	817 342	293 414	931 679	1 638 857	1 187 341	899 378
Male employed wage and salary workers	26 140 171	53 372	62 609	191 404	25 075	1 761 712	11 030	10 665	34 089	52 685	26 313	77 482	254 681	325 914	79 621
Professional, technical, and kindred workers	469 084	1 084	8 886	2 319	2 822	13 352	2 066	1 756	4 370	5 887	3 276	8 975	17 544	18 410	8 619
Accountants	37 457	1 866	42	2 229	1 044	2 114	82	19	54	19	19	74	216	108	200
Architects	208 130	229	2 229	96 094	12 324	81 902	229	287	938	1 611	963	2 286	26 874	13 464	3 373
Computer specialists	1 187 313	3 640	18 651	38	12 324	659 828	2 479	2 588	11 136	16 895	9 735	28 830	104 150	158 145	32 335
Engineers	66 940	—	—	—	—	57 978	57	156	21	—	—	63	183	1 072	77
Aeronautical and astronautical	52 717	—	1 192	1 065	42	42 645	—	38	1 134	676	395	452	1 386	1 652	535
Chemical	167 821	1 973	1 082	72 868	4 557	15 054	261	42	948	1 402	216	1 647	1 240	756	462
Civil	271 727	1 165	814	3 023	2 817	1 542 248	379	22	494	1 486	1 189	1 670	16 666	92 950	1 521
Electrical and electronic	182 759	230	1 013	6 225	4 480	131 147	620	1 164	3 132	5 261	2 631	7 084	19 307	25 230	9 361
Industrial	176 673	314	1 620	5 999	1 719	119 883	320	1 174	1 266	1 925	1 491	7 037	31 590	14 224	15 906
Mechanical	262 736	958	12 930	6 876	2 709	138 873	842	992	4 141	6 145	3 813	10 897	33 578	22 241	4 471
Other engineers	120 760	35	1 085	629	27	8 328	69	—	92	423	155	229	836	1 212	478
Lawyers and judges	26 200	—	28	56	—	865	—	—	81	19	—	—	101	—	586
Librarians, archivists, and curators	23 081	94	140	187	—	5 371	—	—	46	166	113	38	534	646	—
Mathematical specialists	173 575	2 984	13 764	1 355	122	75 418	261	38	2 110	5 275	2 003	1 779	3 073	3 449	1 030
Life and physical scientists	96 218	179	2 861	407	64	63 993	222	38	836	5 255	1 808	1 624	2 387	1 904	965
Chemists	197 741	41	376	528	80	43 792	149	227	875	1 627	638	1 836	6 518	6 716	2 364
Operations and systems researchers and analysts	210 276	4 733	80	78	681	67 964	875	1 131	1 668	2 927	1 234	3 957	8 803	9 508	5 155
Personnel and labor relations workers	11 896	—	39	19	—	2 351	23	—	22	103	—	62	133	233	180
Physicians, dentists, and related practitioners	111 668	—	21	19	—	1 338	—	—	22	—	—	—	15	60	—
Dentists	74 536	—	21	19	—	579	—	—	—	—	—	—	101	173	180
Pharmacists	112 176	84	20	40	—	1 314	23	—	—	103	—	62	17	—	—
Physicians, medical and osteopathic	49 983	120	26	58	—	683	30	—	—	—	—	—	32	22	65
Other related practitioners	75 939	265	82	118	19	3 180	—	16	42	19	20	22	42	130	—
Registered nurses, dietitians, and therapists	198 362	19	473	20	22	153	—	—	—	—	—	—	33	22	—
Health technologists and technicians	83 896	143	—	486	—	24 351	124	85	499	749	387	728	4 185	3 546	1 580
Religious workers	110 085	189	—	94	—	565	—	—	—	44	—	—	44	84	18
Social scientists	352 429	—	—	—	—	7 907	21	—	80	—	—	—	—	—	—
Social and recreation workers	798 853	124	69	243	38	377 288	1 828	134	8 613	276	52	332	1 888	1 174	371
Teachers, college and university	722 018	5 847	10 585	52 897	6 112	136 374	1 199	2 504	2 600	14 235	6 434	23 028	59 171	85 648	16 757
Teachers, except college and university	264 644	1 084	3 048	21 451	4 680	1 193	199	1 174	2 600	4 815	1 768	16 451	34 047	26 512	9 396
Engineering and science technicians	150 080	72	733	1 781	985	80 809	38	46	443	570	304	678	11 292	46 830	827
Draftsmen	31 759	—	71	205	36	27 344	38	129	621	2 428	450	927	3 958	3 533	3 580
Electrical and electronic engineering technicians	275 535	4 691	6 733	29 460	411	132 760	478	155	4 949	6 422	3 932	4 972	9 874	8 773	2 954
Industrial and mechanical engineering technicians	136 559	2 219	1 488	2 481	391	11 553	133	24	250	248	209	348	1 699	925	104
Other engineering and science technicians	49 653	1 521	461	502	102	3 347	114	24	98	105	61	132	169	266	—
Airplane pilots	4 219	—	—	—	—	43	—	—	—	—	21	—	—	—	—
Embalmers	44 573	187	96	752	69	645	19	—	42	44	—	—	21	76	—
Radio operators and air traffic controllers	38 114	511	931	1 227	220	7 518	—	—	110	99	127	216	1 509	583	104
Other technicians, exc. health, and eng. and science	443 715	4 383	769	6 070	1 303	160 309	394	1 596	1 971	1 184	528	3 001	15 071	17 815	5 287
Writers, artists, and entertainers	443 161	24 690	2 048	9 500	810	89 439	2 267	260	1 259	950	527	1 937	3 734	4 576	1 119
Other professional, technical, and kindred workers	4 369 521	13 206	31 602	276 403	82 488	901 810	21 417	18 721	32 049	21 159	13 141	62 543	111 154	93 519	25 691
Managers and administrators, except farm	652 656	1 185	5 745	13 033	4 097	196 952	3 917	4 094	5 299	2 746	2 746	13 127	26 189	22 134	6 345
Buyers, purchasing agents, and sales managers	3 716 865	12 021	25 857	263 370	78 391	704 858	17 500	14 627	26 750	16 307	10 395	49 416	84 965	71 385	19 346
Other managers and administrators	3 716 865	12 021	25 857	263 370	78 391	704 858	17 500	14 627	26 750	16 307	10 395	49 416	84 965	71 385	19 346
Salaried	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Self-employed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sales workers	2 863 282	7 269	4 400	26 727	11 924	456 152	5 321	9 372	12 782	6 962	4 576	21 160	44 428	22 368	8 083
Newsboys	46 514	—	—	—	—	45 052	—	—	—	—	—	—	—	—	—
Other specified sales workers	751 368	652	161	2 711	1 007	48 476	138	176	345	400	174	629	1 433	1 103	472
Salesmen and sales clerks, n.e.c.	2 065 400	6 617	4 239	24 016	10 917	362 624	5 183	9 196	12 437	6 562	4 402	20 531	42 995	21 265	7 611

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text.]

	Total, 16 years old and over		Agriculture, forestry, and fisheries		Mining		Construction		Manufacturing						Electrical machinery, equipment, and supplies	Motor vehicles and motor vehicle equipment	
	Total	Over 16 years old	Total	Forestry and fisheries	Total	Mining	Total	Special trade contractors	Lumber and wood products, except furniture	Furniture and fixtures	Stone, clay, and glass products	Primary ferrous industries	Primary non-ferrous industries	Fabricated metal industries (including not specified metal)			Machinery, except electrical
United States																	
TOTAL—Continued																	
Male employed wage and salary workers—Continued																	
Clerical and kindred workers	3 574 049	2 622 218	9 671	22 935	96 576	34 608	11 419	14 834	23 225	54 975	16 620	58 741	110 452	87 570	56 079		
Bookkeepers	129 027	157 387	1 009	88	31 336	5 025	1 424	1 135	2 330	3 386	1 413	4 156	7 179	5 567	3 934		
Cashiers	148 450	157 387	335	1 148	31 743	16 995	490	457	722	1 130	280	4 032	4 099	2 923	1 465		
Estimators and investigators, n.e.c.	125 367	148 450	484	1 886	30 775	15 157	399	352	809	1 836	705	2 147	7 526	5 475	2 918		
Office machine operators	352 714	352 714	683	857	4 070	2 255	403	391	506	1 738	507	1 730	19 636	15 212	8 803		
Secretaries, stenographers, and typists	349 483	352 714	691	796	4 070	1 262	2 984	6 379	4 699	8 861	3 971	16 584	23 139	17 107	8 817		
Shipping and receiving clerks	2 049 403	2 049 403	1 187	2 961	4 426	1 854	1 817	2 023	3 186	6 016	2 598	8 728	17 107	39 084	22 932		
Stock clerks and storekeepers			691	10 997	36 509	7 677	4 512	4 097	10 914	31 592	7 146	21 241	46 085				
Other clerical and kindred workers			1 194	16 997	413 397	7 677	4 512	4 097	10 914	31 592	7 146	21 241	46 085				
Craftsmen and kindred workers	9 280 386	9 280 386	39 806	154 634	2 130 402	969 645	85 048	93 697	101 903	285 061	81 627	261 306	447 558	249 974	22 102		
Construction craftsmen	2 379 442	2 379 442	13 013	42 246	1 523 045	767 720	20 545	12 172	17 304	43 250	11 008	32 944	28 632	23 051	27 254		
Brickmasons and stonemasons	137 940	137 940	421	550	1 386	66 510	67	—	1 712	7 254	614	1 122	487	260	410		
Carpenters	684 174	684 174	4 897	7 217	490 870	112 821	9 205	9 340	2 506	3 966	1 615	3 652	3 729	2 680	2 217		
Electricians	443 988	443 988	4 421	10 598	185 638	168 011	2 211	4 775	4 652	16 386	5 540	7 561	12 460	13 416	12 267		
Excavating, grading and road machine operators	288 912	288 912	5 281	20 066	203 527	21 872	7 704	233	4 422	4 716	7 077	1 035	1 280	13 137	6 698		
Painters (const. & maint.), plasterers, & paperhangers	261 829	261 829	856	993	151 204	126 510	591	1 907	542	907	456	2 978	4 157	2 993	4 009		
Plumbers and pipefitters	342 991	342 991	709	2 249	198 361	158 805	571	1 300	1 704	7 341	1 918	3 954	5 410	3 177	7 235		
Other construction craftsmen	219 608	219 608	428	3 733	176 059	113 191	196	87	1 766	2 680	1 538	12 642	1 109	388	418		
Foremen, n.e.c.	1 425 161	1 425 161	10 323	39 548	146 217	43 629	21 330	20 653	32 638	55 139	22 434	62 488	86 361	74 273	50 705		
Mechanics and repairmen	2 198 233	2 198 233	9 209	33 823	109 313	55 466	1 049	5 742	24 260	30 499	11 903	29 209	74 371	45 051	59 493		
Automobile, including body	788 571	788 571	2 190	4 150	14 862	2 054	1 714	108	3 774	1 360	518	1 393	2 793	1 242	37 091		
Metal craftsmen, except mechanics	1 048 662	1 048 662	1 298	5 906	73 376	56 847	8 216	5 410	12 812	90 182	27 241	115 146	236 202	76 803	76 427		
Machinists, job setters, and toolmakers	640 511	640 511	683	3 988	4 577	1 473	2 725	3 833	9 372	22 725	14 261	66 543	199 467	58 783	54 374		
Blacksmiths, forgers, hammermen, boiler-makers	50 430	50 430	204	878	5 788	2 282	197	116	3 69	7 152	1 064	9 754	2 437	439	1 285		
Other metal craftsmen	357 721	357 721	411	1 040	63 011	53 092	5 294	1 461	3 071	60 305	11 916	38 849	34 298	17 581	20 768		
Printing craftsmen	322 976	322 976	86	206	4 722	568	182	334	4 474	875	1 191	2 758	2 151	2 092	529		
Stationary engineers and power station operators	187 263	187 263	408	17 666	4 472	1 315	735	4 914	1 403	4 034	1 314	1 847	3 596	2 993	2 159		
Other craftsmen and kindred workers	1 718 649	1 718 649	5 469	15 239	272 246	44 100	23 991	49 066	13 012	60 202	7 536	16 914	16 245	25 711	10 535		
Operatives, except transport	6 325 118	6 325 118	19 073	211 438	208 512	96 189	148 736	122 250	151 161	259 199	115 161	361 692	573 819	355 763	408 793		
Assemblers	480 905	480 905	2 294	2 383	2 383	1 103	7 471	22 547	3 790	4 702	2 508	30 110	92 959	74 032	127 499		
Checkers, examiners, and inspectors, manufacturing	359 012	359 012	—	—	—	—	2 738	4 396	10 461	17 368	9 325	22 735	51 402	57 565	49 080		
Filers, polishers, sanders, and buffers	91 016	91 016	140	245	587	397	5 555	11 510	4 246	2 044	2 980	12 973	8 701	4 036	13 206		
Painters, manufactured articles	96 450	96 450	36	207	19	19	1 516	8 611	1 346	2 289	995	6 087	9 938	8 091	13 206		
Precision machine operatives	372 016	372 016	419	1 523	2 317	690	3 930	4 993	4 650	27 712	6 355	36 722	151 958	25 528	37 842		
Drill press operatives	55 499	55 499	63	334	334	51	344	709	755	1 713	681	5 703	22 906	5 568	5 358		
Grinding machine operatives	122 864	122 864	112	656	280	59	602	256	1 173	17 206	3 445	12 663	47 183	6 096	16 006		
Lathe and milling machine operatives	130 567	130 567	125	396	337	545	2 309	1 749	2 309	7 175	1 664	10 098	53 829	9 518	9 622		
Precision machine operatives, n.e.c.	63 086	63 086	119	204	374	35	645	2 279	1 403	1 618	1 385	8 258	28 040	4 346	6 566		
Punch and stamping press operatives	114 586	114 586	130	85	950	498	499	2 214	1 202	6 523	3 537	27 790	18 523	16 130	23 119		
Solders	6 717	6 717	—	—	107	63	—	57	132	86	86	510	755	1 864	1 011		
Stationary firemen	89 778	89 778	496	1 055	1 032	284	4 212	6 189	7 985	3 092	1 629	1 196	1 396	1 468	1 350		
Welders and flame-cutters	495 246	495 246	2 251	10 876	60 033	25 009	2 132	1 358	6 676	29 987	5 318	71 718	72 688	20 678	48 418		
Other specified operatives	2 438 946	2 438 946	6 101	196 409	108 835	58 805	61 482	25 684	30 497	60 330	25 860	45 893	39 621	35 495	23 387		
Machine operatives, miscellaneous specified	730 157	730 157	4 376	1 67	8 755	2 336	23 814	14 303	36 621	40 520	28 586	39 147	35 655	30 668	22 625		
Machine operatives, not specified	404 773	404 773	1 241	20	5 522	976	9 792	8 050	14 211	17 886	12 436	33 110	54 634	23 996	28 497		
Miscellaneous operatives	434 997	434 997	2 027	22	13 271	3 501	13 213	8 996	18 289	27 034	10 364	19 080	21 666	24 152	13 622		
Not specified operatives	210 519	210 519	1 542	189	4 701	2 508	12 382	3 672	11 055	5 182	5 182	12 621	13 923	12 060	8 402		
Transport equipment operatives	2 671 141	2 671 141	25 951	44 404	169 835	27 471	43 112	10 433	53 703	26 240	12 044	28 571	27 123	17 066	31 709		
Deliverymen and teammen	566 879	566 879	4 253	1 543	6 555	3 211	1 684	1 927	4 503	1 049	4 483	2 588	2 577	1 726	1 275		
Fork lift and tow motor operatives	213 185	213 185	1 082	5 238	154 141	1 556	14 313	2 369	11 307	8 627	6 021	11 823	11 950	7 881	15 501		
Truck drivers	281 571	281 571	18 247	31 866	140 425	21 783	26 431	5 943	36 816	10 647	4 864	12 633	11 071	5 949	10 847		
Other transport equipment operatives	609 506	609 506	2 379	9 394	17 617	921	684	194	1 077	5 917	5 917	1 527	1 525	1 510	4 086		

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text.]

Occupation	Agriculture, forestry, and fisheries		Mining		Construction		Manufacturing						Electrical machinery and equipment supplies	Motor vehicles and motor equipment	
	Total, 16 years and over	16 years and over	Total	Mining	Total	Special contractors	Lumber and wood products, except furniture	Furniture and fixtures	Stone, clay, and glass products	Primary ferrous industries	Primary non-ferrous industries	Fabricated metal industries (including not specified metal)			Machinery, except electrical
United States															
TOTAL—Continued															
Male employed wage and salary workers—Continued															
Labors, except farm	3 014 453	94 295	24 817	594 598	120 148	775 301	113 295	14 307	45 597	86 554	16 323	40 634	39 455	27 312	35 830
Construction laborers	588 287	1 082	3 302	511 352	112 361	24 431	1 339	866	3 771	4 921	853	1 886	1 274	407	526
Freight, stock, and material handlers	1 184 702	2 027	13 552	1 133 660	5 945	37 506	37 506	7 318	20 131	18 771	4 417	16 297	17 048	16 148	20 645
Vehicle washers and equipment cleaners	103 531	230	631	103 531	233	32 445	361	209	1 249	1 763	693	1 569	3 083	1 110	2 959
Other specified laborers	602 715	83 541	1 613	68 102	1 591	128 060	54 510	676	1 204	1 412	570	1 744	3 498	1 529	1 166
Miscellaneous laborers	177 381	4 734	2 193	80 969	27	80 969	6 604	572	3 105	31 055	2 772	7 027	5 181	1 540	2 898
Not specified laborers	357 837	2 681	3 526	195 819	18	195 819	12 975	4 666	16 137	28 632	7 018	12 111	11 371	6 578	7 636
Farm workers	795 629	795 629	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	3 653 802	10 479	9 238	36 688	5 025	380 409	9 304	6 198	11 367	24 507	7 609	19 600	30 187	27 855	26 470
Cleaning service workers	1 229 961	5 336	5 235	20 550	3 123	243 060	4 780	4 206	8 407	16 598	5 315	14 042	22 171	18 811	18 399
Food service workers	811 898	788	874	930	148	10 276	144	39	92	164	71	83	569	530	231
Health service workers	141 927	695	89	44	44	772	—	—	—	147	112	—	58	40	99
Personal service workers	270 431	399	162	1 775	255	7 795	45	40	211	231	154	305	389	270	414
Guards and watchmen	304 753	1 718	2 298	6 145	485	76 770	3 583	1 566	2 225	6 091	1 769	4 012	5 495	7 105	6 185
Other service workers, including private household	894 832	1 543	580	7 244	970	41 736	7 552	347	432	1 276	1 188	1 158	1 505	1 099	1 142
Female employed wage and salary workers	27 694 971	1 68 958	50 271	244 416	94 404	5 622 572	51 816	107 066	108 589	61 662	49 542	218 142	325 756	734 318	130 430
Professional, technical, and kindred workers	4 380 010	5 465	4 170	10 926	2 005	216 445	934	1 188	4 351	2 877	2 126	5 548	15 354	27 710	4 066
Accountants	167 971	559	1 144	3 640	859	27 292	427	311	811	535	457	1 882	2 992	3 936	974
Computer specialists	49 992	144	324	454	20	13 537	60	91	154	146	86	270	3 685	2 122	507
Engineers	190 594	32	168	1 483	105	8 402	60	23	126	178	58	229	938	2 406	193
Librarians, archivists, and curators	100 521	21	163	74	—	2 546	21	—	18	105	21	21	173	258	40
Life and physical scientists	26 115	209	549	30	—	7 453	17	16	108	149	157	223	293	239	34
Physicians, dentists, and related practitioners	32 021	523	—	—	—	508	—	—	—	20	20	21	—	45	—
Registered nurses, dietitians, and therapists	868 492	355	172	273	17	13 768	27	115	401	965	365	777	1 569	1 857	1 286
Health technologists and technicians	180 941	105	40	—	—	556	—	—	—	34	—	—	21	22	—
Social scientists	18 833	66	—	—	—	1 691	33	—	—	23	—	43	127	208	67
Social and recreation workers	156 152	—	—	22	—	222	—	23	19	—	—	—	—	38	—
Teachers, except college and university	1 868 663	55	—	104	54	4 302	—	141	65	—	22	24	293	725	45
Engineering and science technicians	87 448	543	988	2 242	230	44 003	95	86	854	398	468	1 003	2 550	9 692	378
Technicians, exc. health, and engineering and science	16 701	129	69	176	—	698	—	—	22	16	—	—	83	129	18
Writers, artists, and entertainers	192 076	76	894	894	325	60 628	98	140	283	164	164	329	1 089	2 462	161
Other professional, technical, and kindred workers	594 490	1 751	477	1 534	395	30 839	160	242	490	306	308	726	1 561	3 571	363
Managers and administrators, except farm	840 234	1 564	1 317	9 494	4 013	61 737	1 013	1 664	1 195	799	722	3 241	5 608	5 392	645
Buyers, purchasing agents, and sales managers	125 322	187	226	622	199	12 565	158	294	163	189	136	771	1 518	2 506	131
Other managers and administrators	714 912	1 377	1 091	8 872	3 814	49 172	855	1 370	1 032	610	586	2 470	4 090	3 807	514
Salaried	714 912	1 377	1 091	8 872	3 814	49 172	855	1 370	1 032	610	586	2 470	4 090	3 807	514
Self-employed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sales workers	1 965 965	2 706	225	3 167	1 445	53 497	265	599	694	207	209	888	1 378	2 412	164
Clerical and kindred workers	9 922 431	38 766	35 783	175 850	67 349	1 544 764	17 190	25 532	34 876	37 574	20 757	81 918	159 158	174 583	45 117
Billing clerks	83 645	167	298	875	519	25 323	366	637	972	903	447	1 483	2 588	2 506	506
Bookkeepers	1 182 135	10 509	5 044	46 470	23 182	190 381	5 233	4 558	5 746	3 365	2 538	12 174	18 324	15 925	4 027
Cashiers	673 666	307	66	329	57	7 281	15	85	111	36	81	100	524	582	376
Counter clerks, except food	144 533	138	127	177	83	20 759	136	374	289	402	163	481	1 425	1 947	306
File clerks	296 059	497	909	2 688	901	53 091	158	639	608	987	709	2 322	6 104	7 225	1 923
Office machine operators	412 670	842	2 043	4 022	756	104 497	720	1 417	1 929	4 019	1 508	4 878	13 260	13 087	5 598
Bookkeeping and billing machine operators	57 731	75	134	4 701	246	7 765	98	121	224	139	125	547	867	636	120
Keypunch operators	247 423	457	1 488	2 685	442	68 316	428	875	1 232	2 888	1 097	3 197	9 266	9 047	3 732

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

Occupation	Manufacturing—Con.										Transportation, communications, and other public utilities				
	Manufacturing—Con.										Transportation, communications, and other public utilities				
	Other transportation equipment	Aircraft and parts	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other non-durable goods	Total	Railroads and railway express service	Trucking service and warehousing	Other transportation
TOTAL—Continued	372 751	605 583	205 095	1 007 391	516 969	262 109	506 234	755 666	757 938	361 369	662 871	3 933 727	595 859	885 669	838 849
Male employed wage and salary workers	34 339	180 835	69 570	50 232	24 199	13 001	39 635	93 305	158 271	34 335	70 081	347 249	17 475	9 925	84 101
Professional, technical, and kindred workers	2 413	7 944	2 810	9 647	2 991	1 611	5 043	5 832	10 979	3 623	7 593	30 908	4 330	3 466	6 740
Accountants	21	72	82	103	37	19	35	59	94	19	41	684	37	—	363
Architects	7 367	7 703	3 639	2 270	1 434	996	1 431	2 489	4 369	1 272	2 802	11 303	1 165	546	2 230
Computer specialists	102 906	13 769	39 190	11 195	6 229	2 534	10 336	2 532	42 870	12 200	16 731	105 375	4 750	1 177	14 278
Engineers	51 759	83	4 107	383	—	—	—	16	—	—	19	1 106	—	—	1 083
Aeronautical and astronautical	726	107	701	851	239	68	1 254	21	23 565	1 761	5 951	861	—	17	16
Chemical	2 506	437	895	452	46	40	485	40	1 546	219	902	13 316	2 436	117	1 498
Civil	14 933	2 673	9 009	5 384	2 48	81	781	228	2 100	692	1 062	60 446	838	141	1 124
Electrical and electronic	13 433	2 494	5 952	4 923	3 796	1 873	3 136	1 261	6 135	3 549	2 196	5 440	531	461	1 234
Industrial	12 219	5 589	8 837	1 945	901	235	1 709	439	4 724	1 818	2 374	13 904	423	216	8 387
Mechanical	7 330	2 406	9 689	2 283	999	298	2 934	527	4 800	4 161	4 227	10 302	522	225	936
Other engineers	439	71	19	413	189	43	209	321	1 467	129	895	3 399	554	336	658
Lawyers and judges	71	19	21	21	20	—	—	257	132	—	60	754	—	—	38
Librarians, archivists, and curators	895	19	528	194	56	20	99	166	31 977	86	235	1 371	355	66	125
Mathematical specialists	2 410	514	1 473	5 204	1 592	81	2 134	309	28 803	2 591	5 089	3 912	25	25	427
Life and physical scientists	1 388	325	564	4 416	1 547	60	924	171	28 803	2 554	4 146	2 144	92	25	171
Chemists	7 769	1 479	2 481	1 057	706	294	1 365	1 045	2 377	1 064	1 074	3 230	410	132	1 021
Operations and systems researchers and analysts	4 042	1 055	1 931	3 815	2 910	907	2 669	1 913	5 517	2 063	2 816	15 887	1 524	2 062	3 237
Personnel and labor relations workers	44	80	19	210	35	20	35	—	1 105	—	18	312	31	20	78
Physicians, dentists, and related practitioners	—	19	—	—	—	—	—	—	—	—	—	—	—	—	—
Dentists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pharmacists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Physicians, medical and osteopathic	44	61	19	65	—	20	35	—	559	—	—	34	—	—	19
Other related practitioners	—	—	—	145	—	—	—	—	136	—	18	204	31	—	59
Registered nurses, dietitians, and therapists	66	23	19	217	—	—	—	19	42	—	19	96	21	—	27
Health technologists and technicians	105	259	59	36	—	—	—	65	732	17	161	576	28	—	103
Religious workers	1 768	187	648	1 563	187	138	578	895	3 037	639	1 553	3 151	232	16	647
Social scientists	43	—	21	16	132	—	—	59	—	—	—	155	19	—	—
Social and recreation workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, college and university	978	321	333	92	461	68	189	160	277	172	60	3 206	129	85	2 149
Teachers, except college and university	30 457	8 890	10 895	9 126	4 898	1 166	9 954	2 330	42 006	7 864	12 471	46 892	2 546	479	3 459
Engineering and science technicians	9 898	4 709	2 766	1 068	514	798	1 282	1 235	3 980	1 794	2 680	12 454	1 174	79	679
Draftsmen	8 176	1 698	3 850	1 36	72	244	244	358	864	1 42	513	21 966	579	80	1 384
Electrical and electronic engineering technicians	5 079	432	907	674	557	61	375	138	1 483	584	239	473	37	58	1 169
Industrial and mechanical engineering technicians	7 304	2 051	3 372	7 248	3 755	307	8 053	599	35 679	5 344	9 039	11 999	756	262	1 227
Other engineering and science technicians	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Technicians, exc. health, and eng. and science	3 627	294	586	323	239	68	365	147	704	418	391	54 416	147	591	44 818
Airplane pilots	1 113	98	84	263	110	68	121	18	207	58	170	39 144	—	173	38 588
Embalmers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Radio operators and air traffic controllers	110	49	95	60	—	—	—	25	36	—	47	7 112	89	315	1 423
Other technicians, exc. health, and eng. and science	2 404	147	407	2 472	129	—	201	104	461	340	174	8 140	58	83	4 806
Writers, artists, and entertainers	7 698	2 831	3 267	2 472	1 647	5 002	2 790	73 152	3 439	1 550	2 209	45 248	515	650	2 786
Other professional, technical, and kindred workers	2 185	623	1 434	2 258	491	53	2 270	1 490	6 416	551	15 863	16 358	590	233	917
Managers and administrators, except farm	31 722	15 441	12 932	84 832	24 478	29 976	30 485	71 720	69 155	25 669	40 455	317 324	75 117	55 361	64 660
Buyers, purchasing agents, and sales managers	7 066	3 720	2 280	21 880	3 613	4 445	7 381	19 847	16 173	5 198	6 484	21 689	2 245	3 019	4 859
Other managers and administrators	24 656	11 721	10 652	62 952	20 865	25 531	23 104	51 873	52 982	20 471	33 971	295 635	72 872	52 342	59 801
Salaried	24 656	11 721	10 652	62 952	20 865	25 531	23 104	51 873	52 982	20 471	33 971	295 635	72 872	52 342	59 801
Self-employed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sales workers	2 904	3 533	881	50 270	9 523	19 116	16 157	96 134	46 800	10 296	34 755	52 164	3 052	11 856	7 511
Newsboys	—	—	—	—	—	—	—	45 052	—	—	—	—	—	—	—
Other specified sales workers	555	331	213	994	42	40	333	14 454	728	295	19 888	12 311	631	79	398
Salesmen and sales clerks, n.e.c.	2 349	3 202	668	49 276	9 481	19 076	15 824	36 628	46 072	10 001	14 867	39 853	2 421	11 777	7 113

Includes allocated cases not shown separately.

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970—Continued

United States	Manufacturing—Con.										Transportation, communications, and other public utilities				
	Aircraft and parts	Other transportation equipment	Ordinance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other non-durable goods	Total	Railroads and express service	Trucking and warehousing	Other transportation
48 418	20 578	15 079	62 745	52 631	30 390	27 123	30 798	68 944	50 399	23 683	45 706	432 498	90 283	74 204	112 719
2 168	1 232	982	2 550	7 182	1 615	1 542	1 942	3 618	4 613	1 377	3 529	25 435	5 478	5 407	8 410
102	22	557	66	708	394	271	1 036	3 255	1 573	603	859	18 336	1 025	2 703	1 871
2 302	2 063	1 450	1 270	2 133	1 387	923	1 525	4 809	3 516	1 127	2 236	12 449	3 511	1 283	2 779
3 213	509	1 450	2 293	1 169	608	768	774	4 109	1 835	8 206	6 913	34 066	4 449	19 133	8 767
3 073	2 088	1 081	1 415	16 183	12 181	14 693	8 818	8 500	12 959	8 206	6 913	27 778	7 197	3 924	6 675
9 723	4 271	3 114	10 616	6 077	4 527	3 036	4 400	2 806	20 460	7 934	26 990	288 084	58 615	38 257	78 432
27 107	9 987	7 667	37 623	18 664	9 608	5 849	12 245	41 660	20 460	7 934	26 990	288 084	58 615	38 257	78 432
166 403	163 940	43 458	226 084	181 595	126 338	57 627	112 533	311 243	151 858	73 247	136 573	1 124 254	207 990	86 356	144 754
17 147	68 320	5 366	10 592	13 664	8 323	1 372	14 878	3 493	27 672	7 416	12 299	104 360	24 809	2 48	12 947
83	120	—	96	166	43	47	146	88	3 706	651	154	12 205	5 569	612	2 733
1 631	27 100	1 396	2 248	2 294	1 815	438	1 548	516	3 706	651	154	46 046	10 841	358	5 559
10 326	14 426	4 244	4 244	6 016	4 659	7 004	7 004	64	9 793	3 271	708	13 973	8 004	994	8 111
2 495	8 788	208	136	1 564	107	1 197	661	701	9 972	2 297	584	22 119	2 474	407	2 647
1 974	14 414	1 309	1 724	2 238	230	80	4 151	304	5 589	2 18	341	22 059	25 424	311	343
409	3 083	1 733	352	141	149	75	33 762	30 662	55 852	30 362	31 011	146 952	51 531	26 374	15 814
33 306	20 913	12 218	35 948	60 029	45 676	17 384	72 260	10 786	36 177	17 603	16 675	284 235	51 531	47 634	99 473
50 301	13 865	11 554	21 832	47 748	58 344	10 779	24 260	10 786	36 177	17 603	16 675	76 766	636	42 613	23 193
807	711	564	571	8 067	474	152	737	460	1 144	1 144	901	76 766	636	42 613	23 193
59 161	40 657	11 247	32 455	10 869	7 424	1 826	15 855	4 230	16 599	13 618	11 103	28 896	14 996	995	4 820
39 547	17 907	8 803	22 618	7 696	6 107	8 324	8 324	3 010	9 567	11 873	7 995	17 362	10 338	421	2 390
849	2 916	87	485	2 773	400	301	6 974	543	1 192	1 101	1 103	5 398	2 351	61	127
18 739	19 834	2 357	9 592	2 773	880	20	6 974	677	5 840	1 644	2 005	6 136	2 307	513	2 303
829	339	352	1 706	7 930	2 470	671	13 932	258 602	6 941	1 282	1 423	2 274	2 16	266	413
466	840	933	628	7 115	1 149	264	4 159	845	6 941	1 649	5 847	63 785	1 433	698	3 308
193	19 006	2 188	121 723	41 240	2 952	25 341	5 687	2 625	6 968	2 021	58 215	493 552	89 581	7 235	7 979
152 273	100 749	46 022	326 924	287 812	241 563	92 231	202 861	66 475	197 871	155 122	241 416	154 794	27 297	17 145	48 287
34 647	10 911	7 556	20 074	4 322	1 778	772	2 345	1 217	2 970	4 265	4 906	1 654	27 237	135	48 287
27 540	5 891	10 169	12 796	10 853	11 178	3 344	5 980	1 816	7 798	12 619	23 958	—	81	41	119
3 599	910	664	9 377	252	277	143	316	1 102	764	1 034	1 034	325	—	39	84
3 173	4 653	886	4 124	974	474	228	1 522	302	1 902	1 402	1 509	1 934	848	127	216
25 156	5 305	3 746	10 115	1 285	1 582	228	1 211	426	1 538	3 295	2 506	1 184	83	—	17
7 709	1 174	799	2 233	53	209	47	304	61	1 109	555	710	184	260	—	44
11 691	423	884	1 684	583	66	23	303	27	332	1 109	344	390	260	56	134
2 645	566	1 448	4 225	194	624	81	406	3177	941	1 905	1 229	795	545	71	21
2 625	1 458	430	2 773	141	91	175	653	551	341	938	869	471	168	75	28
181	109	76	840	23	23	37	4376	164	37	—	145	60	—	23	—
1 332	502	676	969	3 618	2 117	368	4 376	164	5 441	1 145	3 185	11 493	636	200	1 346
8 631	38 285	2 944	7 705	3 497	1 102	181	3 160	289	6 806	1 689	5 682	23 074	9 322	1 582	2 383
11 072	10 151	3 862	192 126	129 412	223 944	64 695	48 091	19 144	47 732	21 923	128 176	52 652	2 960	9 387	25 431
9 651	5 866	5 430	25 735	68 501	—	8 236	82 462	18 750	52 500	69 419	35 128	8 198	1 586	1 586	659
11 740	2 712	5 360	14 706	20 425	—	9 224	28 776	6 997	11 319	16 864	8 114	8 968	3 114	732	640
6 494	8 814	2 432	15 491	30 657	—	9 597	16 615	14 989	15 639	13 970	13 970	38 933	5 790	2 612	16 631
4 829	5 182	1 791	10 093	13 872	—	3 040	7 524	1 728	12 783	7 546	9 029	6 709	3 376	2 391	462
4 829	8 638	4 502	31 138	159 175	12 372	4 794	28 294	19 596	25 423	10 385	26 465	994 183	98 494	513 691	266 731
571	1 058	246	2 684	829	829	1 246	1 968	9 378	3 410	675	43 909	43 909	1 035	36 422	2 781
1 653	1 870	1 827	3 758	18 884	4 822	4 669	13 498	2 089	7 449	4 872	9 173	15 040	1 400	9 225	3 522
2 077	5 006	1 887	7 081	47 211	6 284	2 923	11 727	7 018	13 364	4 302	5 273	527 253	7 450	465 478	7 739
528	704	542	17 615	2 189	437	156	1 100	911	1 205	536	11 897	407 981	88 609	2 566	252 689

1. Includes allocated cases not shown separately.

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

Occupation	Manufacturing—Con.											Transportation, communications, and other public utilities				
	Manufacturing—Con.											Transportation, communications, and other public utilities				
	Aircraft and parts	Other transportation equipment	Other durable goods	Ordnance	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other non-durable goods	Total ¹	Railroads and express service	Trucking service and warehousing	Other transportation
TOTAL—Continued																
Made employed wage and salary workers—Continued																
Laborers, except farm																
Construction laborers	6 612	17 421	5 836	50 693	97 223	29 836	8 347	31 648	14 831	33 775	18 066	41 706	402 507	57 884	107 906	71 346
Freight, stock, and material handlers	274	2 791	143	375	869	544	129	881	72	1 326	289	895	23 093	1 977	469	1 132
Vehicle washers and equipment cleaners	3 028	4 263	2 425	8 934	52 628	16 487	6 792	15 695	9 745	16 417	9 711	9 771	229 769	10 909	98 055	54 672
Other specified laborers	581	1 411	398	243	7 779	3 284	1 117	1 189	770	1 115	1 068	1 159	12 724	2 685	1 743	6 767
Miscellaneous laborers	396	2 065	864	1 193	2 686	3 799	90	1 553	583	2 580	553	19 833	42 907	889	1 243	1 718
Not specified laborers	1 751	6 521	1 763	5 734	27 272	6 377	1 174	10 094	3 081	11 439	5 227	8 262	58 638	31 723	898	2 495
Farm workers																
Service workers, including private household																
Cleaning service workers	11 587	8 092	6 815	31 141	43 621	18 270	9 884	13 823	13 418	24 381	10 566	25 714	108 754	18 267	9 225	38 740
Food service workers	5 988	4 313	3 438	11 174	29 981	13 246	6 869	9 642	10 493	16 691	8 055	10 441	53 368	5 703	5 721	13 929
Health service workers	302	129	131	195	5 717	95	125	374	347	508	77	353	10 508	3 387	100	6 652
Personal service workers	168	82	91	460	1 746	693	520	393	394	290	16	702	11 865	2 254	48	1 253
Guards and watchmen	4 189	2 481	2 648	3 131	4 893	4 084	2 332	2 794	1 685	5 602	1 759	3 141	12 421	2 740	2 211	8 029
Other service workers, including private household	940	1 047	489	16 160	1 226	128	38	604	499	1 187	462	11 057	19 154	4 183	129	5 658
Female employed wage and salary workers																
Professional, technical, and kindred workers																
Accountants	9 872	2 002	4 201	13 403	11 935	7 799	9 069	4 871	51 026	23 478	3 829	10 806	46 663	1 483	1 833	6 986
Computer specialists	1 348	402	501	1 422	2 268	621	708	1 084	2 207	1 978	198	1 385	10 131	638	1 113	2 731
Engineers	1 277	217	855	1 811	323	304	181	172	822	947	848	554	3 372	218	76	433
Librarians, archivists, and curators	1 245	127	518	429	182	183	295	182	132	530	155	213	2 588	20	25	176
Life and physical scientists	379	73	58	145	128	21	169	42	393	425	60	169	373	20	—	35
Physicians, dentists, and related practitioners	144	—	81	349	757	64	21	105	39	4 242	168	247	260	9	—	123
Registered nurses, dietitians, and therapists	794	323	341	655	719	468	170	609	291	1 348	22	423	1 188	184	38	194
Health technologists and technicians	22	18	18	138	45	—	—	—	49	168	—	39	94	—	—	39
Social scientists	100	19	35	61	156	24	15	21	318	244	—	197	804	—	—	41
Social and recreation workers	—	—	17	17	—	—	60	—	21	—	—	44	211	—	—	19
Teachers, except college and university	40	—	17	196	84	—	991	79	36	158	79	137	733	11	—	180
Engineering and science technicians	1 818	296	644	2 570	5 196	2 980	723	1 244	843	9 926	1 130	1 109	5 822	160	73	147
Technicians, exc. health, and engineering and science	22	22	37	20	312	12	21	92	62	50	21	—	1 655	81	—	1 051
Writers, artists, and entertainers	813	286	452	1 595	312	1 293	4 856	429	42 841	1 004	281	718	7 408	42	154	597
Other professional, technical, and kindred workers	1 615	237	644	5 167	1 710	659	1 004	812	2 972	2 116	605	5 571	11 983	201	273	1 220
Managers and administrators, except farm																
Buyers, purchasing agents, and sales managers	1 420	811	595	5 306	4 830	1 765	5 857	1 559	10 854	3 917	1 186	3 358	34 720	1 305	3 265	14 053
Other managers and administrators	539	216	147	855	475	300	635	421	2 346	999	275	412	912	60	27	287
Salaries	881	595	448	4 451	4 355	1 465	5 222	1 138	8 508	2 918	911	2 946	33 808	1 245	3 238	13 766
Self-employed	881	595	448	4 451	4 355	1 465	5 222	1 138	8 508	2 918	911	2 946	33 808	1 245	3 238	13 766
Sales workers																
Clerical and kindred workers																
Billing clerks	65 190	19 243	25 576	131 259	96 300	54 247	67 862	47 364	198 669	107 528	37 212	97 609	824 814	34 170	82 595	108 807
Bookkeepers	183	153	79	2 074	1 677	1 792	1 393	1 410	2 452	1 823	798	931	12 323	705	3 744	771
Cashiers	3 228	2 500	1 363	13 798	21 526	6 415	15 340	6 365	22 968	11 650	4 680	8 668	61 471	2 493	15 429	9 712
Counter clerks, except food	253	22	121	604	1 471	181	374	131	922	563	75	654	15 616	286	1 695	2 794
File clerks	271	62	87	1 280	880	1 044	983	770	7 521	1 378	411	549	8 245	48	490	448
Office machine operators	4 116	788	953	3 675	1 748	2 021	2 857	1 153	9 169	2 994	827	2 615	20 283	1 306	3 441	1 943
Bookkeeping and billing machine operators	5 632	1 054	1 459	5 966	7 344	3 437	4 084	3 049	10 901	6 382	3 134	5 619	30 387	3 749	4 713	3 575
Keypunch operators	73	120	772	524	524	352	590	379	1 223	296	208	351	2 620	123	845	155
Keycheck operators	3 973	724	940	3 897	4 036	2 554	2 510	1 905	5 562	4 511	2 194	3 748	19 561	2 563	3 038	2 629

¹Includes allocated cases not shown separately.

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

	Manufacturing—Con.										Transportation, communications, and other public utilities					
	Aircraft and parts	Other transportation	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other non-durable goods	Total ¹	Railroads and railway express service	Trucking service and warehousing	Other transportation
United States																
TOTAL—Continued																
Female employed wage and salary workers—Continued																
Clerical and kindred workers—Continued																
Payroll and timekeeping clerks	884	623	710	2 544	3 316	2 858	4 690	2 038	2 149	2 025	1 434	2 349	1 031	1 781	1 248	
Receptionists	439	460	248	1 888	1 774	1 041	1 212	1 188	3 857	1 899	811	966	274	1 133	2 110	
Secretaries	23 548	6 254	9 912	33 684	29 558	15 513	12 717	17 595	43 481	47 521	13 843	22 621	5 957	20 293	25 284	
Statistical clerks	2 085	245	564	1 921	1 161	1 761	1 053	639	2 850	1 878	629	1 202	1 298	1 093	1 482	
Stenographers	1 888	653	665	830	856	1 185	357	567	1 185	1 990	229	1 248	3 508	659	964	
Telephone operators	1 913	383	342	1 332	1 462	900	958	1 071	3 708	1 537	529	731	1 292	2 921	2 424	
Typists	8 795	3 310	4 130	10 566	6 603	4 478	4 650	4 496	31 864	12 368	4 006	6 480	3 336	9 765	9 136	
Other clerical and kindred workers	12 955	2 736	4 943	51 097	16 924	13 237	17 694	6 892	55 642	13 720	5 806	42 976	8 937	15 528	46 966	
Craftsmen and kindred workers	7 687	5 920	1 780	23 544	12 325	10 131	35 627	4 614	45 829	5 295	5 164	20 381	1 789	1 594	2 685	
Foremen, n.e.c.	851	479	587	5 866	5 429	6 371	23 944	1 707	4 673	3 030	1 903	3 884	294	714	496	
Mechanics and repairmen	2 744	338	519	1 564	576	1 265	846	548	239	545	436	447	3 151	405	1 281	
Printing craftsmen	202	58	58	762	305	562	514	1 298	40 157	558	744	292	447	66	1 136	
Operatives, except transport	33 605	11 141	31 055	272 754	202 892	354 288	803 653	80 106	62 384	72 140	108 505	321 873	803	4 386	1 778	
Assemblers	12 777	3 179	11 099	53 697	5 693	1 297	2 552	5 337	3 183	10 023	10 052	8 361	—	74	1 188	
Bottling and canning operatives	—	—	22	501	12 137	23	39	96	39	1 518	171	103	—	—	—	
Checkers, examiners, inspectors, manufacturing	4 679	588	6 910	21 476	11 800	34 257	42 801	9 577	7 707	8 976	15 467	21 075	—	—	—	
Graders and sorters, manufacturing	39	—	26	1 081	8 370	2 493	2 079	1 952	1 061	240	358	2 270	—	—	—	
Packers and wrappers, except produce	802	268	872	17 634	80 892	9 163	16 181	15 585	6 623	16 759	12 274	12 625	18	2 265	484	
Produce graders and packers, exc. factory and farm	—	—	—	—	—	—	—	—	—	—	—	21	—	674	—	
Mixing operatives	18	—	111	88	484	192	19	35	19	574	201	112	—	—	—	
Sewers and stitchers	588	1 250	1 427	10 461	548	72 382	616 541	1 901	2 446	582	5 214	45 979	114	20	43	
Other specified operatives	8 119	3 000	3 566	105 169	19 608	234 481	56 737	5 647	7 434	9 735	11 082	188 843	298	288	671	
Machine operatives, miscellaneous specified	2 367	872	1 962	24 107	25 322	—	23 663	21 373	12 529	10 698	32 474	20 364	17	257	57	
Machine operatives, not specified	1 349	316	2 820	14 807	8 504	—	4 222	10 818	13 362	6 407	11 083	5 819	173	79	—	
Miscellaneous operatives	1 902	1 151	1 356	16 065	24 623	—	21 097	5 455	6 224	4 258	6 675	11 223	84	729	291	
Not specified operatives	1 165	517	884	7 668	4 821	—	17 761	2 330	1 757	2 370	3 454	5 078	99	—	44	
Transport equipment operatives	47	133	156	344	2 109	376	130	557	1 144	247	228	445	1 275	8 195	67 622	
Deliverymen and rouletmen	22	—	19	70	1 151	54	23	16	915	—	20	37	19	583	403	
Laborers, except farm	571	1 000	1 983	8 661	10 376	11 108	9 228	3 626	3 440	3 402	3 308	8 179	1 289	2 142	2 791	
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Service workers, except private household¹	1 841	1 022	1 008	7 202	9 099	3 853	3 230	1 175	3 141	3 317	1 556	6 747	2 442	1 193	39 531	
Cleaning service workers	727	730	373	1 714	3 053	2 768	1 774	681	1 560	1 561	894	2 217	1 166	797	1 641	
Cleaners and charwomen	156	364	82	774	1 526	1 732	1 025	206	774	683	219	1 029	834	418	1 102	
Food service workers	282	283	225	855	4 385	478	381	478	734	1 056	174	537	6 720	186	3 487	
Waiters and food counter workers	290	121	60	292	1 883	1 50	159	101	167	442	34	133	786	84	1 147	
Health service workers	126	—	37	124	183	114	113	32	43	99	35	112	274	84	129	
Personal service workers	186	—	65	730	565	268	840	73	238	278	82	643	90	133	33 966	
Protective service workers	51	—	130	125	243	212	122	97	—	48	104	67	238	13	179	
Private household workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

¹Includes allocated cases not shown separately.

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

	Transport., comm., and other public utilities—Con.		Wholesale trade		Retail trade					Finance, insurance, and real estate				
	Utilities and sanitary services	Com-muni-cations	Total	Food and farm prod-ucts	General mer-chan-dise stores	Food stores	Auto-motive dealers and gasoline stations	Apparel and acces-sories stores	Eating and drinking places	Other retail trade	Total	Banking and credit agencies	Insur-ance	Other finance and real estate
United States														
TOTAL—Continued														
Male employed wage and salary workers—														
Professional, technical, and kindred workers—														
Accountants	548 164	858 471	2 207 855	510 044	612 448	1 031 277	1 294 669	230 391	789 849	1 773 157	1 740 105	500 421	627 643	612 041
Architects	124 574	96 414	109 961	11 300	19 962	11 509	11 892	3 107	13 375	103 309	136 630	49 772	54 017	32 847
Engineers	5 323	10 688	21 611	4 262	3 798	3 203	5 001	979	1 507	6 860	46 854	22 335	14 038	10 481
Aeronautical and astronautical—	126	138	149	21	211	93	42	62	18	77	826	85	222	519
Chemical	3 954	3 273	8 311	832	1 833	687	443	183	139	1 621	21 001	9 287	9 582	2 132
Civil	42 680	41 740	34 691	1 028	1 431	799	1 201	131	207	4 518	10 120	997	6 322	2 801
Electrical and electronic	25	778	172	—	—	—	86	—	—	109	153	—	—	—
Industrial	1 298	7 798	1 143	—	—	159	173	23	61	244	1 681	145	697	839
Mechanical	36 971	21 287	3 401	91	202	104	20	20	23	752	4 492	132	44	316
Other engineers	1 274	1 874	2 837	223	492	227	103	17	85	384	5 634	337	4 942	355
Mathematical specialists	1 274	1 874	2 837	223	492	227	103	17	85	384	5 634	337	4 942	355
Life and physical scientists	2 536	5 816	22 778	311	420	182	652	70	21	2 385	1 706	315	421	970
Operations and systems researchers and analysts	813	1 038	610	145	176	92	69	84	86	239	8 025	1 660	4 701	1 664
Personnel and labor relations workers	648	68	57	—	18	—	20	—	—	171	129	23	64	42
Physicians, dentists, and related practitioners	390	435	201	—	102	37	62	—	—	211	3 980	303	3 466	211
Pharmacists	492	2 751	3 029	21	166	138	162	—	—	619	483	166	40	277
Dentists	82	1 710	2 062	426	101	91	67	—	82	343	286	85	15	186
Physicians, medical and osteopathic	675	936	1 308	325	521	99	83	—	61	234	5 293	2 070	2 519	704
Other related practitioners	5 384	3 621	6 511	1 285	5 075	3 034	1 487	64	1 561	2 983	12 811	4 868	6 473	1 470
Registered nurses, dietitians, and therapists	103	80	317	39	537	594	—	—	—	63 509	258	—	218	40
Health technologists and technicians	—	14	231	—	511	572	—	44	—	61 847	—	—	—	—
Religious workers	—	—	29	—	—	22	—	—	—	705	218	—	—	40
Social scientists	—	—	57	39	26	—	—	20	—	731	40	—	—	—
Social and recreation workers	48	—	64	20	62	—	—	—	126	166	108	—	90	108
Teachers, college and university	—	407	230	—	—	—	—	—	—	308	108	—	—	24
Teachers, except college and university	—	—	39	21	—	19	—	—	—	106	56	20	18	24
Engineering and science technicians	1 445	766	3 501	288	319	185	411	29	89	384	6 345	3 023	1 528	1 794
Draftsmen	35	84	19	19	16	18	—	—	22	20	433	173	41	219
Electrical and electronic engineering technicians	527	295	882	36	—	202	324	—	74	2 704	283	64	175	44
Industrial and mechanical engineering technicians	19 092	20 612	11 316	959	1 044	364	546	184	164	3 092	3 150	423	578	2 149
Other engineering and science technicians	1 855	8 264	3 116	77	524	179	332	143	125	1 813	1 729	246	290	1 193
Technicians, exc. health, and eng. and science	15 634	4 105	3 026	40	374	22	75	23	19	607	326	171	20	128
Airplane pilots	62	124	398	62	44	22	—	—	—	57	99	20	20	59
Embalmers	1 541	8 119	3 428	780	102	163	139	18	20	615	996	36	191	769
Radio operators and air traffic controllers	6 125	2 655	2 313	158	304	17	493	—	61	555	1 000	60	472	468
Other technicians, exc. health, and eng. and science	1 440	243	419	102	64	—	214	—	18	123	352	—	61	291
Writers, artists, and entertainers	4 253	993	143	—	16	—	73	—	43	144	101	—	252	76
Other professional, technical, and kindred workers	1 732	1 419	762	56	224	17	206	—	—	288	295	60	134	101
Managers and administrators, except farm	36 193	5 006	21 217	1 020	3 593	775	798	662	9 132	6 257	7 426	2 538	2 923	1 965
Buyers, purchasing agents, and sales managers	521	1 801	1 284	610	489	1 153	750	43	46	8 803	7 935	1 677	547	5 711
Other managers and administrators	63 627	46 785	373 615	73 081	149 280	171 976	195 057	58 402	121 589	279 416	454 148	253 599	95 969	104 580
Salaried	5 664	5 664	116 640	29 557	67 159	47 088	27 212	18 419	3 969	61 071	27 278	3 087	17 847	6 344
Self-employed	57 963	41 121	256 975	43 524	82 121	124 888	167 845	39 983	117 620	218 345	426 870	250 512	78 122	98 236
Sales workers	15 169	12 366	544 048	89 457	170 522	93 558	237 759	116 753	13 416	476 884	562 557	7 885	337 987	216 765
Newsboys	—	—	114	—	854	—	—	—	—	494	—	—	—	—
Other specified sales workers	9 177	790	19 447	986	17 969	934	441	136	59	58 132	559 403	5 403	337 987	216 013
Salesmen and sales clerks, n.e.c.	5 992	11 576	524 487	88 471	151 699	92 624	237 318	116 617	13 357	418 258	3 154	—	—	—

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text.]

	Transport., comm., and other public utilities—Con.		Wholesale trade		Retail trade					Finance, insurance, and real estate				
	Com-muni-cations	Utilities and sanitary services	Total	Food and farm prod-ucts	General merchan-dise stores	Food stores	Auto-motive dealers and gasoline stations		Apparel and acces-sories stores	Eating and drink-ing places	Other retail trade	Banking and credit agencies	Insur-ance	Other finance and real estate
							Food stores	Gasoline stations						
United States														
TOTAL—Continued														
Male employed wage and salary workers—Continued														
Clerical and kindred workers	40 829	95 382	219 966	37 020	68 645	132 863	34 702	12 978	20 609	120 491	147 446	118 173	75 253	
Bookkeepers	1 815	8 327	26 282	6 872	3 724	4 501	10 938	2 189	3 389	16 727	15 439	4 631	9 364	
Cashiers	202	7 743	1 887	1 000	5 567	67 178	1 195	673	10 784	7 938	355	4 611	1 496	
Estimators and investigators, n.e.c.	2 612	7 660	5 454	290	2 675	7 888	2 128	234	451	3 090	13 308	4 611	4 792	
Office machine operators	1 624	2 973	7 132	1 451	2 542	1 036	731	272	403	1 405	15 122	9 316	3 170	
Secretaries, stenographers, and typists	2 417	1 729	6 683	1 054	2 943	7 591	1 289	504	430	3 919	5 333	5 337	4 654	
Shipping and receiving clerks	509	1 779	60 719	9 653	17 169	7 094	2 252	2 743	627	14 374	319	1 605	1 811	
Stock clerks and storekeepers	3 313	6 446	31 527	4 140	21 451	35 364	4 855	4 184	1 536	18 221	1 244	1 605	1 811	
Other clerical and kindred workers	28 337	66 725	80 282	12 558	101 869	16 396	11 314	2 179	2 989	54 417	96 326	91 585	49 171	
Craftsmen and kindred workers	285 012	360 914	276 518	47 396	73 733	56 636	360 462	16 677	9 311	306 646	8 615	10 209	40 661	
Construction craftsmen	5 241	58 669	20 902	2 122	5 257	2 259	4 931	501	1 296	42 465	1 272	1 589	20 160	
Brickmasons and stonemasons	21	404	432	463	19	19	104	—	39	906	21	26	323	
Carpenters	541	2 730	5 216	337	2 171	1 304	2 035	357	668	14 555	497	453	7 712	
Electricians	1 836	27 452	4 301	382	1 057	432	245	123	105	3 886	338	608	1 545	
Excavating, grading and road machine operators	318	10 046	2 042	318	7 041	350	1 694	21	328	3 990	346	19	1 993	
Plumbers (const. & maint.), plasterers, & paperhangers	179	1 718	3 046	518	558	66	409	—	90	8 902	50	46	1 826	
Plumbers and pipefitters	2 329	15 240	4 059	234	9 793	326	1 409	—	328	3 990	20	53	592	
Other construction craftsmen	17	1 059	1 606	59	8 557	46	106	2 285	1 555	24 802	2 606	2 496	4 211	
Foremen, n.e.c.	20 155	58 239	77 337	23 317	15 746	7 009	13 377	1 074	2 581	116 774	1 558	969	5 806	
Mechanics and repairmen	8 388	78 539	107 064	10 032	35 016	332 026	332 026	493	316	116 774	8 333	5 806	2 236	
Automobile, including body	1 564	24 113	24 113	3 481	8 028	3 333	319 422	—	—	7 656	96	68	—	
Metal craftsmen, except mechanics	442	6 893	14 378	1 211	667	337	2 405	123	112	6 256	196	39	617	
Machinists, tool setters, and toolmakers	309	3 438	9 277	698	405	246	2 242	58	21	2 242	123	19	330	
Blacksmiths, farriers, hammermen, boiler-makers	76	2 745	736	67	91	17	84	18	43	391	54	20	132	
Other metal craftsmen	57	710	4 365	446	171	74	95	3 623	48	3 623	19	—	135	
Printing craftsmen	621	758	2 916	435	2 426	408	70	104	65	1 058	1 378	1 727	3 371	
Stationary engineers and power station operators	1 184	56 746	4 445	891	807	495	582	—	62	957	1 023	512	4 311	
Other craftsmen and kindred workers	248 981	103 050	49 476	9 175	184 249	31 115	7 071	12 570	3 640	114 334	582	2 877	5 184	
Operatives, except transport	3 673	47 084	161 029	56 552	650 379	172 566	377 421	4 966	6 236	78 357	1 382	1 401	4 811	
Assemblers	194	412	5 882	360	176	135	377 421	13	63	2 801	60	12	126	
Checkers, examiners, and inspectors, manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	
Filters, polishers, sanders, and buffers	22	14	1 465	39	130	17	3 305	—	20	1 612	—	—	—	
Painters, manufacturers articles	129	168	734	187	122	—	7 156	21	111	487	—	—	134	
Precision machine operatives	20	249	3 290	615	772	—	247	—	—	976	—	—	92	
Drill press operatives	20	21	615	26	173	—	40	—	—	133	—	—	22	
Grinding machine operatives	—	21	821	124	259	—	58	—	—	134	—	—	26	
Lathe and milling machine operatives	81	148	1 429	37	61	—	89	21	—	511	—	—	23	
Precision machine operatives, n.e.c.	38	59	346	—	88	—	60	—	—	198	—	—	23	
Punch and stamping press operatives	39	126	868	—	379	—	52	85	—	242	—	—	23	
Solders	37	—	56	—	—	25	47	—	18	76	—	—	22	
Stationary firemen	106	9 147	1 341	275	145	106	59	42	21	702	98	65	1 235	
Welders and flame-cutters	139	8 778	13 312	351	5 197	82	1 017	110	19	3 709	20	146	2 267	
Other specified operatives	786	5 903	81 795	38 918	7 992	160 984	353 719	4 009	4 210	52 064	357	287	1 463	
Machine operatives, miscellaneous specified	605	3 971	19 779	6 445	6 570	2 415	4 641	236	1 256	6 175	281	337	3 317	
Machine operatives, not specified	209	4 070	10 994	2 885	2 72	1 109	4 532	149	95	1 725	192	279	195	
Miscellaneous operatives	1 142	12 576	16 399	5 341	682	5 826	4 136	185	296	4 326	304	165	670	
Not specified operatives	245	1 670	5 114	1 551	7 379	1 887	1 595	116	127	3 462	70	68	267	
Transport equipment operatives	3 376	48 623	313 440	124 750	30 355	53 496	31 439	2 207	13 717	184 693	2 532	884	4 657	
Deliverymen and roulemen	1 317	1 988	147 162	71 084	21 626	31 663	12 550	1 299	9 518	94 926	1 538	252	856	
Fork lift and low motor operatives	99	468	17 893	7 820	1 864	4 202	311	24	211	3 757	16	68	1 178	
Truck drivers	1 132	44 016	132 163	44 752	6 177	16 579	14 733	798	2 572	67 896	385	278	1 758	
Other transport equipment operatives	828	2 151	16 222	1 094	25 221	1 052	3 865	86	1 416	18 114	1 701	286	1 925	

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text)

	Transport., comm., and other public utilities—Con.		Wholesale trade		Retail trade					Finance, insurance, and real estate			
	Utilities and sanitary services	Food and farm products	Total	General merchandise stores	Food stores	Auto-motive dealers and gasoline stations	Apparel and accessories stores	Eating and drinking places	Other retail trade	Total	Banking and credit agencies	Insurance	Other finance and real estate
United States													
TOTAL—Continued													
Male employed wage and salary workers—Continued													
Laborers, except farm													
Construction laborers	4 466	124 891	175 056	58 470	312 149	33 808	7 918	5 624	122 705	40 357	1 480	863	38 014
Freight, stock, and material handlers	1 691	18 724	118 587	42 921	302 419	4 713	7 470	2 276	54 996	1 759	23	83	1 653
Vehicle washers and equipment cleaners	625	865	2 426	1 060	730	21 728	19	112	545	2 143	647	313	1 183
Other specified laborers	213	4 056	18 190	3 281	880	1 209	64	524	38 051	67	24	20	23
Miscellaneous laborers	372	23 111	8 344	1 887	6 788	359	17	144	4 864	26 678	384	245	26 049
Not specified laborers	774	14 247	25 363	9 161	4 271	5 046	348	2 455	18 771	4 380	39	36	4 305
Total			32 504							5 330	363	166	4 801
Farm workers													
Service workers, including private household	7 438	26 012	34 222	12 018	26 504	12 199	7 383	585 972	100 656	130 389	27 790	8 140	94 459
Cleaning service workers	6 050	20 934	20 594	7 454	14 327	10 272	6 040	30 792	22 296	83 663	16 075	5 863	61 725
Food service workers	204	165	2 404	1 853	9 176	337	185	547 123	5 776	2 132	696	583	853
Health service workers	46	91	123	52	42	22	70	143	175	116	41	56	19
Personal service workers	207	343	1 479	649	232	222	440	6 865	1 182	13 723	545	384	12 794
Guards and watchmen	680	3 289	4 624	1 493	1 785	604	656	923	2 699	18 078	10 003	1 233	6 842
Other service workers, including private household	251	1 190	4 998	1 497	942	672	62	126	68 528	12 677	430	21	12 226
Total			71 260										
Female employed wage and salary workers													
Professional, technical, and kindred workers	522 361	127 699	699 083	146 446	649 978	165 807	436 963	1 270 731	1 255 702	1 869 700	800 233	630 730	438 737
Accountants	25 742	8 418	19 365	2 841	3 808	3 659	3 833	7 544	25 761	54 876	21 459	22 870	10 547
Computer specialists	3 610	1 936	15 546	6 033	1 435	2 590	1 218	830	3 440	22 584	10 279	8 279	3 378
Engineers	1 901	744	2 104	151	210	125	52	20	410	7 497	3 042	4 002	453
Librarians, archivists, and curators	1 922	445	260	79	19	21	21	24	96	339	82	180	77
Life and physical scientists	298	40	138	—	53	—	—	—	97	105	200	251	144
Physicians, dentists, and related practitioners	41	107	359	123	17	—	—	18	172	107	19	39	47
Registered nurses, dietitians, and therapists	41	352	7 687	111	99	—	—	609	7 477	1 558	353	929	276
Health technologists and technicians	399	23	2 456	37	394	236	23	15	323	334	—	215	119
Social scientists	32	28	426	40	48	—	—	17	299	1 047	780	156	111
Total	250	513	373	72	537	—	120	17	223	—	—	—	—
Social and recreation workers	118	74	37	—	41	—	—	19	—	423	84	58	281
Teachers, except college and university	450	92	269	—	22	—	—	64	—	315	193	59	63
Engineering and science technicians	3 932	1 425	1 359	474	79	19	86	—	2 318	315	38	407	280
Technicians, exc. health, and engineering and science	308	215	289	63	73	60	—	—	501	725	24	302	145
Writers, artists, and entertainers	6 114	470	2 911	123	339	170	1 479	4 933	5 153	4 226	1 795	1 428	1 003
Other professional, technical, and kindred workers	6 346	1 982	3 669	561	1 080	348	—	974	5 096	14 580	4 622	5 788	4 170
Managers and administrators, except farm	12 550	2 052	28 598	4 741	23 679	9 921	37 143	37 548	57 512	115 927	54 566	19 367	41 994
Buyers, purchasing agents, and sales managers	3 345	1 71	6 379	995	5 427	581	16 004	948	16 187	1 488	451	374	663
Other managers and administrators	12 205	1 881	22 019	3 746	18 252	9 340	21 139	36 600	41 325	114 439	54 115	18 993	41 331
Salaried	12 205	1 881	22 019	3 746	18 252	9 340	21 139	36 600	41 325	114 439	54 115	18 993	41 331
Self-employed													
Total	6 667	1 716	36 977	5 763	136 897	8 121	258 814	15 693	476 902	136 796	2 607	49 890	84 299
Sales workers													
Clerical and kindred workers	457 607	103 974	467 863	72 898	344 391	124 147	86 691	96 913	448 968	1 489 894	701 418	528 258	260 218
Billing clerks	3 421	3 644	12 582	1 535	6 782	1 568	826	157	3 481	3 820	1 156	2 396	268
Bookkeepers	18 164	14 959	107 934	23 121	293 872	56 779	23 089	14 658	116 704	184 238	114 076	40 246	29 916
Cashiers	4 583	6 085	5 386	2 228	106 525	6 791	22 979	65 073	63 974	19 024	10 042	5 067	3 915
Counter clerks, except food	6 783	455	9 015	1 424	1 570	368	1 120	1 360	2 798	1 557	465	345	747
File clerks	9 856	3 459	13 341	1 172	14 204	2 822	1 901	348	7 194	68 295	21 172	42 275	4 848
Office machine operators	11 540	6 579	27 578	6 122	16 001	2 755	2 975	1 074	6 672	86 596	55 092	26 599	4 905
Bookkeeping and billing machine operators	6 642	832	4 596	4 302	6 417	868	742	89	1 698	26 336	24 413	1 321	602
Keypunch operators	6 873	4 284	15 571	3 412	2 003	1 269	1 177	397	3 198	43 404	20 219	19 718	3 467

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text)

	Transport., comm., and other public utilities—Con.		Wholesale trade		Retail trade				Finance, insurance, and real estate					
	Com-muni-cations	Utilities and sanitary services	Total	Food and farm prod-ucts	General merchan-dise stores	Food stores	Auto-motive dealers and gasoline stations	Apparel and acces-sories stores	Eating and drinking places	Other retail trade	Total	Banking and credit agencies	Insur-ance	Other finance and real estate
United States														
TOTAL—Continued														
Female employed wage and salary workers—Continued														
Clerical and kindred workers—Continued														
Payroll and timekeeping clerks	3 425	1 676	3 228	1 060	5 517	1 497	677	672	749	1 761	5 356	2 147	2 335	874
Receptionists	2 719	1 346	9 442	1 071	3 177	675	2 227	612	669	7 129	20 488	7 878	5 542	7 068
Secretaries	30 909	24 796	135 790	18 277	29 151	11 500	25 655	7 374	6 858	68 556	370 916	117 581	162 929	90 406
Statistical clerks	15 909	2 280	5 064	1 059	6 233	410	744	151	152	2 133	35 678	5 812	27 128	1 789
Stenographers	2 681	3 668	3 957	452	558	117	422	151	85	943	12 515	4 469	6 257	1 789
Telephone operators	232 314	1 200	3 549	1 225	10 787	730	3 231	1 162	652	3 041	14 997	6 368	4 550	20 968
Typists	26 095	11 270	36 879	3 658	20 002	2 562	6 668	2 790	993	18 823	162 547	51 771	89 808	87 697
Other clerical and kindred workers	89 123	21 753	90 098	10 494	123 289	21 549	13 435	20 477	4 085	145 809	503 867	303 389	112 781	87 697
Craftsmen and kindred workers	11 175	4 518	15 692	3 720	17 932	10 422	4 533	7 778	4 294	37 915	6 226	2 255	2 465	1 506
Foremen, n.e.c.	3 348	1 132	5 141	1 521	8 735	1 404	262	1 641	714	2 798	3 599	1 575	1 479	545
Mechanics and repairmen	3 278	740	1 846	1 212	725	113	3 650	39	79	1 497	2 559	32	80	117
Printing craftsmen	231	79	1 798	85	597	56	43	39	24	437	877	366	488	23
Operatives, except transport	1 985	1 591	95 683	48 048	30 718	69 145	9 875	33 841	4 915	35 983	4 552	1 946	1 188	1 418
Assemblers	436	207	6 217	373	190	54	192	88	38	1 518	234	75	39	120
Bottling and canning operatives			353	203	17	23				79	19			19
Checkers, examiners, inspectors, manufacturing														
Graders and sorters, manufacturing	59	74	26 809	16 303	11 582	53 523	364	1 591	1 913	3 999	158	36	19	103
Packers and wrappers, except produce			17 382	16 816	22	670			23	160	18		18	22
Produce graders and packers, exc. factory and farm			95	21						32	22			
Mixing operatives			1 670	121	1 199	104	36	3 755	127	1 446	1 195	334	198	663
Sewers and stitchers	52	45	21 727	4 033	14 489	7 662	8 896	26 689	952	23 438	1 184	518	534	132
Other specified operatives	635	544	6 828	2 714	484	407	196	277	1 077	1 429	1 184	765	252	84
Machine operatives, miscellaneous specified	130	123	3 467	1 162	1 491	3 653	88	674	530	1 930	409	193	86	128
Machine operatives, not specified	227	310	8 986	5 389	1 405	1 446	24	338	202	1 111	212	25	40	147
Miscellaneous operatives	377	104	2 149	913	405	1 446	24	338	202	1 111	212	25	40	147
Not specified operatives	69													
Transport equipment operatives	248	449	5 158	1 722	2 729	982	934	112	1 320	4 066	408	140	48	220
Deliverymen and routemen	227	13	2 615	986	2 562	655	364	78	811	2 605	163		48	115
Laborers, except farm	446	1 600	18 307	3 298	12 416	33 302	1 486	3 210	1 494	14 859	2 510	623	194	1 693
Farm workers														
Service workers, except private household	5 941	3 381	11 450	3 415	64 305	27 352	3 131	5 541	1 101 010	153 736	58 511	15 219	6 450	36 842
Cleaning service workers	3 202	2 241	4 382	838	5 620	2 045	1 967	2 068	13 445	9 006	39 352	11 278	4 259	23 815
Cleaners and charwomen	1 518	927	2 311	381	3 169	1 051	1 195	1 711	5 359	5 318	22 434	5 963	2 582	13 889
Food service workers	1 599	662	3 394	2 294	45 089	23 204	516	848	1 079 772	27 691	5 657	2 172	1 504	1 981
Waiters and food counter workers	562	65	829 117	529	30 731	14 940	253	442	760 492	22 259	2 663	719	814	1 130
Health service workers	21	23	46	76	9 118	111	286	13	345	269	769	160	163	446
Personal service workers	980	261	1 209	46	23 022	439	180	2 081	7 202	4 002	5 196	1 280	524	3 392
Protective service workers	92	45	28	76	3 995	172	55	472	246	337	429	242		167
Private household workers														

Includes allocated cases not shown separately.

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text)

United States	Professional and related services										Public administration	
	Business services	Auto-mobile services	Other repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Educational and kindred services			Welfare, religious, nonprofit membership organizations		Other professional and related services
							Hospitals	Health services, except hospitals	Government				Private
Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	
687 958	390 759	302 804	246 517	506 807	360 251	601 081	209 615	1 698 336	593 832	535 576	712 430	2 918 817
192 128	4 828	15 022	12 889	23 507	75 955	193 287	87 324	1 050 573	324 075	291 361	492 009	551 122
12 271	1 217	661	5 444	671	1 859	5 087	1 392	5 538	2 807	3 979	80 629	65 222
288	—	23	40	38	38	43	83	851	240	181	23 701	3 424
27 367	211	406	72	313	132	1 647	667	7 244	3 540	873	10 571	23 526
34 224	246	2 762	448	498	1 177	2 796	2 759	6 421	4 252	2 967	86 706	105 391
802	18	38	—	—	—	—	—	43	78	19	1 239	5 428
1 287	—	18	—	42	15	—	107	192	140	21	2 190	1 380
1 342	66	142	37	42	85	359	1 272	1 068	453	556	26 683	27 785
8 959	36	871	152	—	545	18 907	69	2 012	1 512	215	14 669	21 617
7 334	65	272	55	98	41	6 246	267	4 191	1 197	622	4 090	17 794
3 616	20	339	127	168	221	14 354	186	924	628	355	11 798	11 037
10 864	59	912	77	148	270	31 903	838	1 763	1 244	1 179	26 037	20 350
557	85	—	90	—	276	126	248	556	403	1 911	52 369	41 282
212	—	—	40	86	117	43	40	13 035	8 306	310	501	1 452
1 226	—	27	19	71	19	134	235	9 311	816	364	1 883	6 109
9 028	26	149	21	162	179	3 529	3 445	9 911	4 337	410	12 783	27 483
5 025	26	109	21	23	41	1 828	1 015	3 231	4 345	74	4 538	6 548
2 384	26	189	—	—	41	233	129	768	219	349	1 317	10 384
18 054	501	589	702	792	41	3 015	1 292	5 073	1 955	2 391	1 918	36 528
191	—	19	—	56	177	131 993	46 025	3 347	3 182	942	508	4 984
21	—	—	—	21	19	10 854	1 928	220	161	82	150	4 499
104	—	—	—	35	57	106 166	66 015	2 827	2 695	747	251	2 710
66	—	—	—	—	41	4 812	3 775	319	180	69	89	1 300
165	—	19	41	547	41	32 448	6 657	3 697	501	1 063	141	3 154
496	—	—	12	49	49	46 555	11 972	4 389	2 940	1 619	1 149	1 885
60	—	20	75	280	280	2 353	511	154	2 757	190 313	638	27 773
7 511	61	185	18	142	118	4 670	2 048	5 714	1 828	1 478	3 266	16 990
464	22	—	1 972	128	7 744	4 498	2 961	6 913	1 921	56 536	825	24 570
586	1 698	95	113	304	1 993	865	798	234 458	117 971	2 028	324	6 743
30 893	194	2 068	210	735	1 754	2 044	1 301	641 710	125 911	1 715	80 657	62 615
9 169	97	523	84	507	94	181	88	15 636	8 828	1 729	51 667	14 898
6 317	78	1 274	38	32	1 209	484	249	1 942	1 945	82	3 747	21 866
716	—	26	—	20	78	48	27	3 154	1 758	—	3 583	1 373
14 691	19	245	88	176	373	1 331	937	10 402	6 107	904	24 660	24 478
766	129	355	23	3 842	429	97	488	2 327	2 089	259	2 263	45 392
155	22	—	—	73	14	62	62	80	977	—	108	2 008
233	21	52	—	3 667	156	53	68	35	30	—	29	34 431
1 378	86	268	23	102	415	44	358	1 861	1 098	134	42	9 124
35 271	295	632	3 370	12 263	50 758	1 663	1 277	11 453	8 721	125	2 113	21 283
9 111	88	6 903	219	2 526	9 015	3 090	3 016	70 472	21 046	3 341	104 646	41 732
90 917	30 065	17 695	36 544	58 838	47 178	37 569	19 751	158 741	50 924	73 315	38 100	366 056
8 782	1 531	1 154	1 575	1 919	1 318	3 438	538	2 559	1 966	1 366	2 267	16 853
82 135	28 534	16 541	35 019	56 919	45 860	34 131	19 213	156 182	48 958	71 949	35 833	349 203
82 135	28 534	16 541	35 019	56 919	45 860	34 131	19 213	156 182	48 958	71 949	35 833	349 203
—	—	—	—	—	—	—	—	—	—	—	—	—
44 323	5 860	6 731	1 426	9 196	7 364	701	920	1 642	5 393	5 961	6 263	5 293
20 962	78	2 532	22	672	1 044	332	197	712	267	354	1 359	2 005
23 361	5 782	4 199	1 404	8 524	6 320	369	723	930	5 126	5 607	4 904	3 288

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970 - Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

United States	Professional and related services										Public administration		
	Business services			Other personal services, including private household			Educational and kindred services		Welfare, religious, nonprofit organizations			Other professional and related services	
	Total	Hospitals	Health services, except hospitals	Government	Private	Total	Hospitals	Health services, except hospitals	Total	Hospitals		Total	Hospitals
TOTAL - Continued	79 157	236 249	165 434	38 305	22 339	17 240	22 339	245 918	76 123	43 280	31 392	50 996	738 997
Bookkeepers	4 327	2 674	1 228	2 149	7 614	2 395	2 577	2 577	3 449	1 748	3 799	6 336	19 873
Cashiers	8 182	1 919	1 622	7 614	5 274	2 395	7 588	2 577	1 315	220	1 655	60	2 100
Estimators and investigators, n.e.c.	10 910	323	689	183	307	307	476	320	4 864	3 287	1 441	5 558	13 858
Office machine operators	4 333	349	296	342	226	226	2 312	2 312	4 864	3 750	8 260	3 120	19 759
Secretaries, stenographers, and typists	4 333	349	296	342	226	226	2 312	2 312	4 864	3 750	8 260	3 120	19 759
Shipping and receiving clerks	2 386	339	359	867	774	842	2 171	2 171	1 181	891	5 591	1 724	4 736
Stock clerks and storekeepers	4 218	266	818	774	648	842	2 171	2 171	1 181	891	5 591	1 724	4 736
Other clerical and kindred workers	34 779	6 013	9 692	9 654	11 620	11 620	17 017	18 734	54 120	29 787	14 419	32 103	26 788
Craftsmen and kindred workers	79 157	236 249	165 434	38 305	22 339	17 240	22 339	245 918	76 123	43 280	31 392	50 996	738 997
Construction craftsmen	12 249	2 966	6 227	5 751	7 393	7 393	22 511	22 511	30 710	12 637	10 993	31 904	281 908
Brickmasons and stonemasons	46	35	61	25	34	34	83	83	9 587	2 208	6 181	57	1 039
Carpenters	2 367	226	897	2 171	2 223	2 223	5 240	5 240	6 242	4 458	3 664	539	13 485
Electricians	1 257	242	3 318	1 573	1 703	1 703	6 242	6 242	9 642	2 762	2 301	1 059	19 939
Excavating, grading and road machine operators	2 670	64	888	1 648	2 934	2 934	6 242	6 242	6 242	2 762	2 301	1 059	8 124
Painters (const. & maint.), plasterers, & paperhangers	2 722	264	608	1 074	1 201	1 201	6 242	6 242	7 701	3 095	1 757	450	11 748
Plumbers and pipefitters	375	59	140	201	232	232	482	482	5 075	1 782	1 635	538	9 348
Other construction craftsmen	11 890	6 389	4 503	2 732	3 966	3 966	9 282	9 282	6 858	2 374	2 136	3 686	35 297
Foremen, n.e.c.	28 964	219 108	111 580	11 396	11 396	11 396	40 701	40 701	17 139	6 072	1 942	4 673	121 298
Mechanics and repairmen	2 339	216 052	4 515	11 582	982	982	9 700	9 700	16 139	1 485	361	173	27 929
Automobile, including body	4 263	1 158	5 984	669	453	453	1 457	1 457	2 890	1 484	984	2 778	17 772
Metal craftsmen, except mechanics	2 112	79	3 199	472	336	336	5 291	5 291	1 422	213	60	109	8 371
Machinists, job setters, and toolmakers	1 304	94	670	153	44	44	384	384	2 853	1 497	465	657	5 334
Blacksmiths, forgers, hammermen, boilermakers	2 806	21	71	226	210	210	873	873	5 786	2 098	942	955	8 739
Other metal craftsmen	1 500	83	289	553	1 068	1 068	21 005	21 005	6 582	2 723	2 106	15 580	28 975
Printing craftsmen	17 485	6 524	36 780	16 978	13 905	13 905	3 826	3 826	16 069	6 590	5 923	15 847	56 593
Stationary engineers and power station operators	41 626	38 954	41 749	6 732	67 267	67 267	19 551	19 551	16 069	6 590	5 923	15 847	56 593
Other craftsmen and kindred workers	802	384	902	98	178	178	1 350	1 350	1 350	1 350	238	482	1 686
Operatives, except transport	152	349	820	60	64	64	20	20	36	111	54	34	279
Assemblers	135	11 293	1 94	17	43	43	23	23	16	62	24	77	393
Checkers, examiners, and inspectors, manufacturing	490	322	1 872	34	39	39	27	27	231	62	87	633	990
Filers, polishers, sanders, and burfers	63	61	61	—	—	—	—	—	—	—	—	—	251
Painters, manufactured articles	97	147	1 317	34	18	18	27	27	41	22	49	88	87
Precision machine operatives	132	99	430	—	—	—	—	—	—	—	—	297	456
Drill press operatives	198	76	64	—	—	—	—	—	—	—	—	133	196
Grinding machine operatives	302	96	144	38	64	64	23	23	66	40	280	42	81
Lathe and milling machine operatives	97	—	—	—	—	—	—	—	—	—	—	—	—
Punch and stamping press operatives	97	—	—	—	—	—	—	—	—	—	—	—	—
Solderers	569	125	475	22	—	—	63	63	44	—	19	—	128
Stationary firemen	1 652	2 705	10 261	4 662	63 929	63 929	11 462	11 462	5 555	1 303	516	215	8 315
Welders and flame-cutters	13 468	13 645	20 261	4 662	2 200	2 200	30 941	30 941	3 336	1 646	1 992	10 536	5 651
Other specified operatives	3 053	6 139	973	413	624	624	226	226	879	511	344	444	20 416
Machine operatives, miscellaneous specified	1 416	3 317	632	55	387	387	235	235	538	361	219	444	4 562
Machine operatives, not specified	18 678	3 379	508	597	508	508	822	822	3 933	1 801	1 030	574	3 676
Miscellaneous operatives	812	325	570	243	678	678	180	180	3 369	313	131	650	8 429
Not specified operatives	18 029	28 678	9 614	4 735	54 589	54 589	7 433	7 433	12 727	3 785	5 535	5 052	56 785
Transport equipment operatives	7 291	1 570	2 092	562	35 341	35 341	1 231	1 231	2 888	502	137	729	2 521
Deliverymen and roulemen	7 291	1 570	2 092	562	35 341	35 341	1 231	1 231	2 888	502	137	729	2 521
Fork lift and tow motor operatives	7 739	8 188	2 598	1 422	6 710	6 710	2 183	2 183	3 744	1 270	3 460	1 343	37 282
Truck drivers	2 546	18 638	4 788	2 656	12 334	12 334	3 946	3 946	6 010	1 987	1 206	3 077	11 060
Other transport equipment operatives	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

	Total, 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction		Manufacturing						Electrical machinery, equipment, and supplies	Motor vehicles and motor vehicle equipment	
				Total	Special contractors	Lumber and wood products except furniture and fixtures	Stone, clay, and glass products	Primary ferrous industries	Primary non-ferrous industries	Fabricated metal industries (including non-specified metal)	Machinery, except electrical			
United States	3 873 947	168 957	20 567	351 066	91 188	85 079	30 169	43 745	117 285	24 146	65 796	66 729	60 215	124 436
NEGRO	222 220	1 434	485	2 994	339	266	173	316	1 471	401	1 245	3 200	5 259	1 444
Male employed wage and salary workers	8 360	82	62	90	17	19	19	19	113	52	158	194	240	147
Professional, technical, and kindred workers	8 849	—	—	—	—	—	—	—	—	—	—	—	—	—
Accountants	6 277	37	122	1 076	188	—	81	73	237	106	257	599	264	42
Architects	13 512	—	—	—	—	—	—	—	649	—	30	44	1 445	296
Computer specialists	748	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineers	367	—	—	—	—	—	—	—	17	—	14	—	—	20
Aeronautical and astronautical	2 243	—	—	—	—	—	—	—	67	—	—	—	—	32
Chemical	3 843	—	—	—	—	—	—	—	26	—	—	—	—	56
Civil	1 780	—	—	—	—	—	—	—	68	—	—	—	—	77
Electrical and electronic	1 815	—	—	—	—	—	—	—	37	—	—	—	—	111
Industrial	2 716	—	—	—	—	—	—	—	37	—	—	—	—	—
Mechanical	2 091	—	—	—	—	—	—	—	22	—	—	—	—	—
Other engineers	1 536	—	—	—	—	—	—	—	—	—	—	—	—	—
Lawyers and judges	737	—	—	—	—	—	—	—	—	—	—	—	—	—
Librarians, archivists, and curators	4 975	—	—	—	—	—	—	—	—	—	—	—	—	—
Mathematical specialists	3 282	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	915	—	—	—	—	—	—	—	—	—	—	—	—	—
Chemists	782	—	—	—	—	—	—	—	—	—	—	—	—	—
Operations and systems researchers and analysts	4 548	—	—	—	—	—	—	—	—	—	—	—	—	—
Personnel and labor relations workers	368	—	—	—	—	—	—	—	—	—	—	—	—	—
Physicians, dentists, and related practitioners	2 453	—	—	—	—	—	—	—	—	—	—	—	—	—
Pharmacists	1 581	—	—	—	—	—	—	—	—	—	—	—	—	—
Dentists	2 453	—	—	—	—	—	—	—	—	—	—	—	—	—
Physicians, medical and osteopathic	146	—	—	—	—	—	—	—	—	—	—	—	—	—
Other related practitioners	6 759	—	—	—	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	8 190	—	—	—	—	—	—	—	—	—	—	—	—	—
Health technologists and technicians	11 051	—	—	—	—	—	—	—	—	—	—	—	—	—
Religious workers	2 083	—	—	—	—	—	—	—	—	—	—	—	—	—
Social scientists	15 213	—	—	—	—	—	—	—	—	—	—	—	—	—
Social and recreation workers	8 749	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, college and university	49 557	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, except college and university	22 073	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineering and science technicians	6 851	—	—	—	—	—	—	—	—	—	—	—	—	—
Draftsmen	4 507	—	—	—	—	—	—	—	—	—	—	—	—	—
Electrical and electronic engineering technicians	888	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial and mechanical engineering technicians	9 827	—	—	—	—	—	—	—	—	—	—	—	—	—
Other engineering and science technicians	3 146	—	—	—	—	—	—	—	—	—	—	—	—	—
Technicians, exc. health, and eng. and science	55	—	—	—	—	—	—	—	—	—	—	—	—	—
Airplane pilots	249	—	—	—	—	—	—	—	—	—	—	—	—	—
Embalmers	308	—	—	—	—	—	—	—	—	—	—	—	—	—
Radio operators and air traffic controllers	1 534	—	—	—	—	—	—	—	—	—	—	—	—	—
Other technicians, exc. health, and eng. and science	14 398	—	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	29 219	—	—	—	—	—	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	92 687	—	—	—	—	—	—	—	—	—	—	—	—	—
Managers and administrators, except farm	7 501	—	—	—	—	—	—	—	—	—	—	—	—	—
Buyers, purchasing agents, and sales managers	85 186	—	—	—	—	—	—	—	—	—	—	—	—	—
Other managers and administrators	85 186	—	—	—	—	—	—	—	—	—	—	—	—	—
Self-employed	72 626	—	—	—	—	—	—	—	—	—	—	—	—	—
Newsboys	1 740	—	—	—	—	—	—	—	—	—	—	—	—	—
Other specified sales workers	22 610	—	—	—	—	—	—	—	—	—	—	—	—	—
Salesmen and sales clerks, n.e.c.	48 276	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

Occupation	Agriculture, forestry, and fisheries		Mining		Construction		Manufacturing							Motor vehicles and motor vehicle equipment
	Total, 16 years old and over	Total	Total	Special trade contractors	Total	Lumber and wood products, except furniture	Furniture and fixtures	Stone, clay, and glass products	Primary ferrous industries	Primary non-ferrous industries	Fabricated metal industries (including not specified metal)	Machinery, except electrical	Electrical machinery, equipment, and supplies	
United States														
NEGRO—Continued														
Males employed wage and salary workers—Continued														
Laborers, except farm	621 939	14 033	2 527	23 481	146 131	33 595	2 949	8 347	23 347	2 392	6 620	4 626	3 549	8 060
Construction laborers	131 933	162	383	22 132	117 029	168	96	749	1 305	52	361	91	66	55
Freight, stock, and material handlers	193 659	351	1 118	1 076	2 631	10 404	1 505	3 721	3 954	528	1 955	1 589	1 835	3 518
Vehicle washers and equipment cleaners	25 626	53	94	18	94	6 826	133	128	579	152	429	377	119	950
Other specified laborers	151 899	11 563	256	255	26 041	17 375	211	206	531	21	458	126	194	294
Miscellaneous laborers	42 917	1 373	303	—	—	1 517	140	543	9 051	555	1 522	1 018	279	850
Not specified laborers	76 105	531	373	—	336	4 002	864	3 000	7 927	1 084	1 947	1 373	1 056	2 393
Farm workers	141 434	141 434	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	630 984	1 607	835	1 020	7 413	1 831	1 037	1 430	4 605	1 042	2 573	3 581	4 353	6 850
Cleaning service workers	296 671	1 239	576	746	4 836	1 093	900	1 283	3 923	910	2 262	3 012	3 591	5 917
Food service workers	107 270	132	38	—	387	46	19	—	49	23	17	116	134	73
Health service workers	36 847	82	—	25	25	—	—	—	—	40	—	—	27	41
Personal service workers	36 554	19	—	17	470	45	—	25	64	—	22	45	61	107
Guards and watchmen	30 856	70	157	18	314	4 458	94	78	153	21	108	224	388	496
Other service workers, including private household	122 786	65	47	86	1 381	192	24	44	416	48	164	184	152	216
Female employed wage and salary workers	3 261 983	41 289	2 082	4 041	12 816	7 182	11 812	7 210	5 260	2 482	13 006	15 693	64 302	13 829
Professional, technical, and kindred workers	372 897	201	146	143	353	42	21	201	43	—	37	585	941	197
Accountants	2 704	—	93	68	111	—	—	21	—	—	20	119	21	62
Computer specialists	—	—	—	—	—	—	—	—	—	—	—	179	136	15
Engineers	6 630	—	—	—	40	—	—	23	—	—	—	28	61	39
Librarians, archivists, and curators	1 381	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	1 257	—	—	—	—	—	—	—	—	—	—	—	—	—
Physicians, dentists, and related practitioners	69 217	18	17	—	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	15 124	66	—	—	21	8	—	24	—	—	—	—	—	29
Health technologists and technicians	1 293	—	—	—	—	—	—	—	—	—	—	—	—	—
Social scientists	25 790	—	—	—	—	—	—	—	—	—	—	—	—	—
Social and recreation workers	172 265	—	—	—	—	—	—	19	—	—	—	—	—	—
Teachers, except college and university	4 700	19	—	—	41	—	—	23	—	—	—	22	93	—
Engineering and science technicians	1 285	—	—	—	—	—	—	45	20	—	—	115	398	—
Technicians, exc. health, and engineering and science	6 070	—	14	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	57 242	76	22	75	140	15	21	19	23	—	17	21	63	34
Other professional, technical, and kindred workers	37 455	44	22	38	81	—	—	20	31	—	17	159	86	18
Managers and administrators, except farm	4 060	21	22	—	—	—	—	—	15	—	—	—	—	—
Buyers, purchasing agents, and sales managers	33 395	23	—	—	—	—	—	20	16	—	17	142	65	—
Other managers and administrators	33 395	23	—	—	—	—	—	20	16	—	17	142	65	—
Salaries	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Self-employed	80 218	50	—	44	97	12	40	—	18	—	18	—	126	16
Sales workers	686 569	738	1 099	851	4 233	354	541	552	1 283	294	1 767	3 639	6 591	1 801
Clerical and kindred workers	32 432	115	44	141	350	—	—	17	71	15	18	249	291	123
Billing clerks	42 686	—	—	—	—	—	—	50	—	—	150	—	124	—
Bookkeepers	9 879	—	—	—	—	—	—	—	—	—	—	—	102	—
Cashiers	39 054	36	187	54	250	23	67	—	36	24	—	—	102	—
Counter clerks, except food	44 084	21	144	54	281	40	—	45	31	21	134	234	517	77
File clerks	3 755	—	—	—	—	—	—	—	—	—	321	709	952	376
Office machine operators	—	—	—	—	—	—	—	—	—	—	58	—	41	—
Bookkeeping and billing machine operators	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Keypunch operators	—	—	—	—	—	—	—	—	—	—	189	—	—	—

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text)

United States	Manufacturing—Con.											Transportation, communications, and other public utilities				
	Aircraft and parts	Other transportation equipment	Ordinance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other nondurable goods	Total ¹	Rail roads and railway express service	Trucking service and warehousing	Other transportation
Male employed wage and salary workers	2 720	936	844	2 684	875	504	168	662	1 421	4 148	515	2 093	7 458	126	103	1 418
Professional, technical, and kindred workers	119	91	61	192	60	63	17	40	149	171	21	158	475	21	—	170
Accountants	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architects	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Computer specialists	64	42	52	24	56	10	—	—	105	58	14	49	262	16	—	86
Engineers	1 125	143	366	208	160	19	25	43	—	359	25	98	1 461	53	—	294
Aeronautical and astronautical	586	—	—	19	—	—	—	—	—	—	—	—	19	—	—	19
Chemical	—	—	—	—	—	—	—	—	—	160	—	—	25	—	—	—
Civil	—	—	—	—	—	—	—	—	—	—	—	—	25	—	—	—
Electrical and electronic	267	58	156	16	55	—	—	—	—	—	—	—	271	19	—	30
Industrial	47	—	—	—	30	—	—	—	—	58	—	—	762	14	—	97
Mechanical	169	62	52	115	27	—	25	23	—	49	25	60	67	20	—	47
Other engineers	56	23	102	58	22	19	—	20	—	34	—	20	194	—	—	81
Lawyers and judges	—	—	—	—	—	—	—	—	—	17	—	18	123	—	—	20
Librarians, archivists, and curators	—	19	—	—	—	—	—	—	20	—	—	—	—	—	—	—
Mathematical specialists	—	—	—	—	—	—	—	—	18	—	—	—	—	—	—	—
Life and physical scientists	—	—	25	14	14	—	—	—	—	30	—	23	157	—	—	12
Chemists	—	—	70	51	157	—	—	90	24	1 071	68	122	234	—	—	—
Operations and systems researchers and analysts	80	82	—	37	115	—	—	70	—	1 026	68	122	234	—	—	—
Personnel and labor relations workers	117	34	60	92	76	—	—	47	22	25	81	26	19	—	—	—
Physicians, dentists, and related practitioners	—	—	—	—	27	—	—	—	—	59	—	—	452	20	—	145
Dentists	—	—	—	—	—	—	—	—	—	16	—	—	20	—	—	—
Pharmacists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Physicians, medical and osteopathic	—	—	—	—	—	—	—	—	—	16	—	—	20	—	—	—
Other related practitioners	—	—	—	—	27	—	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health technologists and technicians	—	36	—	18	—	—	—	—	26	12	—	—	35	—	—	—
Religious workers	—	—	—	—	—	—	—	—	22	—	—	—	—	—	—	—
Social scientists	—	—	—	18	—	—	—	—	—	23	—	36	40	—	—	—
Social and recreation workers	—	—	21	—	—	—	—	—	—	—	—	—	17	—	—	21
Teachers, college and university	18	29	21	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, except college and university	878	345	228	286	186	37	34	53	—	—	—	—	118	—	—	76
Engineering and science technicians	283	143	9	96	28	186	25	212	152	2 146	204	415	1 545	19	21	249
Driftsmen	394	85	100	71	28	58	25	19	65	—	25	23	436	—	—	36
Electrical and electronic engineering technicians	72	19	37	19	—	—	—	—	19	—	—	—	816	19	—	171
Industrial and mechanical engineering technicians	129	98	82	100	158	128	—	193	68	40	21	—	19	—	—	—
Other engineering and science technicians	—	—	—	—	—	—	—	—	—	2 106	158	392	274	—	41	42
Technicians, exc. health, and eng. and science	117	—	—	—	—	—	—	21	—	21	60	—	453	—	—	177
Airplane pilots	—	—	—	—	—	—	—	—	—	—	—	—	55	—	—	55
Embalmers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Radio operators and air traffic controllers	45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other technicians, exc. health, and eng. and science	72	—	—	—	—	—	—	—	—	—	—	—	307	—	—	105
Writers, artists, and entertainers	202	71	—	216	45	49	49	87	865	21	60	—	91	17	—	17
Other professional, technical, and kindred workers	—	—	—	1 565	45	29	—	69	18	58	42	1 087	1 414	—	—	116
Managers and administrators, except farm	300	234	122	735	584	168	261	177	934	799	142	421	4 923	1 418	858	795
Buyers, purchasing agents, and sales managers	19	46	18	66	101	21	46	—	308	60	22	56	185	—	14	20
Other managers and administrators	281	188	104	669	483	147	215	177	626	739	120	365	4 738	1 377	844	775
Self-employed	281	188	104	669	483	147	215	177	626	739	120	365	4 738	1 377	844	775
Managers and administrators, except farm	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Managers and administrators	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Self-employed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sales workers	39	77	28	447	1 354	68	42	131	2 251	573	103	2 314	1 168	161	63	317
Newsboys	—	—	—	—	—	—	—	—	1 722	—	—	—	—	—	—	—
Other specified sales workers	—	—	—	—	—	—	—	—	116	39	—	—	307	40	23	—
Salesmen and sales clerks, n.e.c.	39	17	28	382	1 293	68	42	63	413	534	103	338	861	121	40	317

¹Includes allocated cases not shown separately.

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

United States	Manufacturing — Con.										Transportation, communications, and other public utilities			
	Manufacturing — Con.										Transportation, communications, and other public utilities			
	Aircraft and parts	Other transportation equipment	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other non-durable goods	Total ¹	Railroads and highway service	Trucking service and warehousing	Other transportation
NEGRO — Continued														
Male employed wage and salary workers — Continued														
Bookkeepers	2 012	1 749	791	4 619	4 040	4 176	2 086	5 229	3 800	1 282	5 136	3 481	6 084	8 588
Cashiers	61	48	39	45	34	89	134	297	127	41	126	191	192	184
Estimators and investigators, n.e.c.	40	—	—	—	—	21	19	—	117	—	19	15	35	855
Office machine operators, n.e.c.	138	24	85	50	89	44	53	361	294	18	207	46	87	204
Secretaries, stenographers, and typists	39	16	—	71	44	84	84	303	36	163	163	157	203	800
Shipping and receiving clerks	325	195	109	2 260	2 591	2 844	935	1 213	1 578	602	1 031	436	3 156	686
Stock clerks and storekeepers	681	681	307	609	531	654	426	388	555	344	278	433	832	5 562
Other clerical and kindred workers	675	696	251	1 584	751	440	519	2 667	1 093	277	3 312	2 132	1 579	—
Craftsmen and kindred workers	7 158	14 067	2 059	13 060	5 796	3 324	3 832	11 672	6 731	2 823	9 064	7 674	5 171	10 247
Construction craftsmen	882	7 570	281	915	333	109	275	1 109	1 600	336	476	1 050	380	1 246
Brickmasons and stonemasons	—	82	—	58	—	—	—	—	80	—	—	—	—	336
Carpenters	137	2 233	99	174	161	54	57	14	130	36	74	222	69	359
Electricians	218	70	70	104	161	45	61	14	257	41	103	188	132	1 883
Excavating, grading and road machine operators	215	58	52	298	28	—	112	95	644	86	103	225	25	258
Painters (const. & maint.), plasterers, & paperhangers	342	313	60	139	28	—	—	—	158	114	70	295	25	63
Plumbers and pipefitters	106	1 590	—	132	24	10	—	—	285	17	141	24	27	47
Other construction craftsmen	64	534	—	2 697	61	—	—	—	46	42	71	63	999	1 018
Foremen, n.e.c.	578	644	497	3 002	1 952	847	815	760	2 133	683	948	845	3 147	6 306
Mechanics and repairmen	2 801	741	571	894	2 692	310	823	3 666	1 214	721	955	3 010	2 891	3 210
Automobile, including body	119	97	—	—	41	—	—	55	115	23	87	66	—	—
Metal craftsmen, except mechanics	2 477	2 773	419	642	517	66	517	95	528	528	668	503	—	110
Mechanists, job setters, and toolmakers	1 261	915	290	600	489	41	424	36	628	488	519	331	—	88
Blacksmiths, forgers, hammermen, boilermakers	42	282	17	17	—	—	—	37	514	271	146	26	—	22
Other metal craftsmen	1 174	1 576	129	25	28	25	93	22	35	82	82	26	—	—
Printing craftsmen	52	66	17	91	326	87	889	10 109	130	57	42	305	36	51
Stationary engineers and power station operators	26	156	17	203	160	—	—	81	379	32	288	129	81	186
Other craftsmen and kindred workers	342	2 117	274	5 510	516	1 905	402	1 552	647	266	5 687	2 137	528	1 330
Operatives, except transport	12 269	13 446	5 533	47 120	38 644	11 624	20 644	5 717	24 123	18 864	39 899	2 834	3 608	5 324
Assemblers	3 380	769	1 534	914	648	60	412	1 055	400	462	627	—	94	12
Checkers, examiners, and inspectors, manufacturing	951	218	517	1 082	1 264	385	255	280	562	1 153	2 519	—	—	—
Filers, polishers, sanders, and buffers	319	130	48	71	—	56	41	44	44	62	147	18	41	18
Painters, manufactured articles	462	960	61	93	73	45	111	21	159	63	119	61	—	—
Precision machine operatives	1 135	464	300	197	129	100	84	27	228	296	243	—	—	—
Drill press operatives	302	140	166	13	—	22	18	27	26	89	122	—	—	—
Grinding machine operatives	268	85	20	103	—	—	—	—	52	36	—	—	—	—
Lathe and milling machine operatives	554	195	83	81	—	63	49	—	50	113	99	—	—	—
Precision machine operatives, n.e.c.	11	44	31	31	129	15	17	24	28	58	22	61	16	—
Punch and stamping press operatives	239	243	23	—	21	—	75	—	—	119	35	18	—	—
Solders	38	32	—	201	405	38	240	45	706	93	35	53	75	77
Stationary firemen	100	437	53	127	105	—	—	60	247	393	404	—	45	120
Welders and flame-cutters	542	5 437	153	228	36 589	8 005	5 335	1 685	8 016	3 542	25 379	358	2 095	2 867
Other specified operatives	1 468	1 585	490	9 260	—	1 270	7 634	1 099	5 438	8 337	4 189	104	550	1 62
Machine operatives, miscellaneous specified	866	1 501	786	2 289	—	1 269	4 145	726	4 721	2 776	4 866	580	152	186
Machine operatives, not specified	1 565	362	891	6 757	—	1 150	4 507	1 507	1 986	1 731	2 901	4 593	521	1 852
Miscellaneous operatives	816	1 212	415	1 493	—	1 246	451	158	1 688	790	1 286	569	19	30
Not specified operatives	388	496	262	1 431	—	—	—	—	—	—	—	—	—	—
Transport equipment operatives	773	1 399	1 018	15 220	3 947	954	4 347	3 016	4 421	1 470	5 744	6 189	45 642	50 822
Deliverymen and roulemen	52	171	40	5 240	284	198	403	986	206	470	781	78	3 581	3 261
Fork lift and tow motor operatives	352	441	571	3 321	1 608	146	2 021	432	1 479	790	1 214	474	1 558	1 191
Truck drivers	326	680	298	6 341	1 936	563	1 715	1 444	2 559	415	1 597	974	40 116	945
Other transport equipment operatives	43	167	109	318	119	47	208	154	177	126	2 654	4 663	387	48 425

¹Includes allocated cases not shown separately.

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text.]

Occupation	Manufacturing—Con.											Transportation, communications, and other public utilities				
	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products		Printing, publishing and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other non-durable goods	Total	Railroads and railway express service	Trucking service and warehousing	Other transportation
							Paper and allied products	Rubber and miscellaneous plastic products								
United States																
NEGRO—Continued																
Male employed wage and salary workers—Continued																
Laborers, except farm	1 210	4 917	1 391	14 395	17 552	8 261	1 615	5 373	1 979	6 888	2 398	11 752	111 621	15 950	17 193	22 331
Construction laborers	—	810	57	50	116	166	46	104	17	324	—	166	4 545	443	46	58
Freight, stock, and material handlers	431	1 101	633	1 125	9 816	4 000	1 265	2 476	1 205	2 822	994	2 219	61 192	3 437	15 249	17 398
Vehicle washers and equipment cleaners	227	666	55	144	1 163	597	23	166	126	255	46	362	3 859	703	196	2 566
Other specified laborers	109	155	103	11 700	451	405	15	321	86	709	121	6 710	16 977	266	266	439
Miscellaneous laborers	59	656	152	176	1 126	987	9	296	19	160	311	439	16 532	7 965	186	953
Not specified laborers	384	1 529	391	1 200	4 880	2 106	257	2 010	526	2 618	926	1 856	8 516	2 436	1 250	917
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	2 698	1 774	1 001	7 105	9 169	4 865	2 088	2 306	3 644	4 849	1 724	6 598	32 855	7 539	2 310	10 843
Cleaning service workers	2 408	1 325	674	2 223	6 813	4 542	1 723	2 003	3 098	3 946	1 543	2 632	17 600	2 998	1 759	5 294
Food service workers	103	36	80	35	1 411	16	23	43	62	198	16	89	4 066	2 350	—	1 651
Health service workers	—	—	—	—	—	24	—	—	—	—	16	—	—	—	32	105
Personal service workers	—	63	—	132	404	131	170	49	154	45	41	181	4 861	1 613	237	2 942
Guards and watchmen	98	262	227	208	324	138	172	65	307	373	52	215	1 380	191	263	441
Other service workers, including private household	89	88	20	4 507	217	14	—	130	23	271	72	3 481	4 782	397	19	410
Female employed wage and salary workers	6 851	3 256	6 791	51 531	44 225	47 314	97 485	10 689	21 794	16 378	12 969	56 458	99 078	3 467	4 929	16 713
Professional, technical, and kindred workers	165	39	134	602	306	238	298	146	1 198	1 145	123	746	2 323	103	23	348
Accountants	—	—	19	43	—	14	18	49	53	135	—	105	451	20	—	62
Computer specialists	21	17	17	—	20	—	—	—	—	36	—	63	139	38	—	20
Engineers	—	—	—	—	—	—	—	—	—	22	—	—	132	—	—	—
Librarians, archivists, and curators	—	—	—	—	—	—	—	—	—	42	—	—	21	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—	—	59	—	—	—	—	—	—
Physicians, dentists, and related practitioners	—	—	—	18	27	—	—	—	—	30	22	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	51	—	—	—	—	36	—	—	17	—	—	17
Health technologists and technicians	—	—	16	—	—	—	—	—	—	—	—	—	12	—	—	—
Social scientists	17	—	—	—	—	—	—	—	—	—	—	—	20	—	—	—
Social and recreation workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, except college and university	—	—	—	15	20	64	68	—	—	17	20	—	20	—	—	—
Engineering and science technicians	68	—	19	133	138	160	—	19	35	649	38	127	252	25	—	—
Technicians, exc. health, and engineering and science	—	—	—	—	—	—	—	—	—	71	23	28	197	—	—	184
Writers, artists, and entertainers	59	22	16	326	50	—	188	54	985	48	20	423	360	20	23	65
Other professional, technical, and kindred workers	—	—	—	—	—	—	—	24	—	—	—	—	685	—	—	—
Managers and administrators, except farm	46	21	—	194	46	—	153	19	188	35	20	81	795	93	—	150
Buyers, purchasing agents, and sales managers	—	21	—	43	26	—	27	19	76	—	—	16	47	—	—	—
Other managers and administrators	46	—	—	151	20	—	126	—	112	35	20	65	748	93	—	150
Salaried	46	—	—	151	20	—	126	—	112	35	20	65	748	93	—	150
Self-employed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sales workers	16	19	—	270	275	—	216	27	393	76	21	149	943	60	—	214
Clerical and kindred workers	1 721	1 246	955	6 256	3 369	1 435	4 045	1 447	9 172	3 823	937	7 450	74 672	1 505	2 396	6 923
Billing clerks	27	—	—	18	—	—	93	—	144	—	—	45	480	—	100	63
Bookkeepers	89	27	90	500	308	116	754	124	760	218	120	331	1 683	36	123	302
Cashiers	—	—	—	44	67	22	41	82	93	82	41	106	1 674	22	34	303
Counter clerks, except food	—	—	—	148	—	—	61	—	103	41	16	53	706	—	49	21
File clerks	117	150	79	295	143	137	277	158	727	242	19	405	2 644	77	195	240
Office machine operators	262	196	47	428	379	145	448	133	1 161	376	130	778	3 325	402	172	298
Bookkeeping and billing machine operators	—	—	—	63	—	—	93	—	68	—	—	40	159	—	44	—
Keypunch operators	220	147	47	294	263	91	219	135	765	288	78	566	2 438	384	112	167

¹Includes allocated cases not shown separately.

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text)

	Transport, comm., and other public utilities—Con.		Wholesale trade		Retail trade				Finance, insurance, and real estate						
	Com-muni-cations	Utilities and sanitary services	Total	Food and farm products	Total	General merchandise stores	Food stores	Auto-motive dealers and gasoline stations	Apparel and accessories stores	Eating and drinking places	Other retail trade	Total	Banking and credit agencies	Insurance	Other finance and real estate
United States															
NEGRO—Continued															
Male employed wage and salary workers															
Professional, technical, and kindred workers	23 667	87 058	160 172	43 578	420 668	46 258	64 929	79 549	15 423	72 628	141 881	100 753	24 077	20 412	56 264
Accountants	3 061	2 086	2 179	240	4 812	582	344	124	35	946	2 781	3 769	1 476	1 014	1 279
Architects	121	140	336	23	326	74	108	40	—	25	79	1 165	725	264	18
Computer specialists	100	60	320	18	217	40	43	25	—	27	82	742	382	193	167
Engineers	528	561	298	37	140	21	—	—	—	—	119	204	57	73	74
Aeronautical and astronautical	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chemical	—	—	41	—	—	—	—	—	—	—	—	—	—	—	—
Civil	—	222	—	—	21	—	—	—	—	—	21	20	—	—	20
Electrical and electronic	484	167	61	16	66	—	—	—	—	—	66	21	21	—	—
Industrial	—	—	18	—	21	21	—	—	—	—	—	22	22	—	—
Mechanical	—	113	19	—	32	—	—	—	—	—	32	34	14	20	—
Other engineers	44	59	159	21	—	—	—	—	—	—	—	107	—	53	54
Lawyers and judges	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Librarians, archivists, and curators	125	20	—	—	18	18	—	—	—	—	—	138	41	60	37
Mathematical specialists	—	—	26	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	234	46	—	25	—	—	—	—	—	25	41	—	41	—
Chemists	—	234	46	—	25	—	—	—	—	—	25	22	—	—	—
Operations and systems researchers and analysts	—	19	—	—	—	—	—	—	—	—	—	—	—	—	—
Personnel and labor relations workers	79	207	164	63	—	201	69	18	—	48	75	93	—	36	57
Physicians, dentists, and related practitioners	—	—	22	—	1 133	18	—	—	—	—	1 115	452	156	210	86
Dentists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pharmacists	—	—	22	—	1 113	18	—	—	—	—	1 095	—	—	—	—
Physicians, medical and osteopathic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other related practitioners	—	—	—	—	20	—	—	—	—	—	20	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health technologists and technicians	—	35	—	—	25	—	—	—	—	—	25	64	—	—	64
Religious workers	19	—	79	—	17	17	—	—	—	—	—	—	—	—	—
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Social and recreation workers	—	—	—	—	18	—	—	—	—	—	—	—	—	46	20
Teachers, college and university	—	—	—	—	—	—	—	—	—	—	—	—	—	38	38
Teachers, except college and university	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineering and science technicians	613	597	24	—	75	39	19	—	—	—	17	23	—	—	23
Draftsmen	—	374	427	38	241	68	23	23	18	—	109	181	—	—	166
Electrical and electronic engineering technicians	548	78	150	—	118	46	—	—	—	—	49	124	—	—	124
Industrial and mechanical engineering technicians	19	—	61	—	16	—	—	—	—	—	16	15	—	—	15
Other engineering and science technicians	46	145	166	38	22	22	—	—	—	—	—	15	—	—	—
Technicians, exc. health, and eng. and science	202	74	65	—	85	—	23	—	18	—	44	42	—	—	42
Airplane pilots	—	—	—	—	—	—	—	—	—	—	—	—	—	25	—
Embalmers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Radio operators and air traffic controllers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other technicians, exc. health, and eng. and science	202	74	41	—	—	—	—	—	—	—	—	—	—	25	—
Writers, artists, and entertainers	1 228	34	163	—	1 165	86	—	—	—	846	—	—	—	—	—
Other professional, technical, and kindred workers	46	105	190	39	984	—	21	18	—	—	194	94	18	51	25
Managers and administrators, except farm	696	440	3 716	746	20 908	3 004	4 942	2 886	1 201	3 635	5 240	8 822	3 025	1 378	4 419
Buyers, purchasing agents, and sales managers	15	73	916	359	3 743	974	1 310	115	464	143	737	464	31	392	70
Other managers and administrators	681	367	2 800	387	17 165	2 030	3 632	2 771	737	3 492	4 503	8 329	2 994	986	4 349
Self-employed	681	367	2 800	387	17 165	2 030	3 632	2 771	737	3 492	4 503	8 329	2 994	986	4 349
Self-employed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sales workers	362	210	7 148	1 202	39 847	7 959	3 600	4 553	6 090	584	17 081	13 080	151	9 159	3 770
Newsboys	—	—	—	—	18	—	—	—	—	—	18	—	—	—	—
Other specified sales workers	166	44	654	47	5 161	610	—	—	—	—	4 551	13 080	151	9 159	3 770
Salesmen and sales clerks, n.e.c.	196	166	6 494	1 155	34 668	7 349	3 600	4 553	6 090	584	12 492	—	—	—	—

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970—Continued

Data based on 5-percent sample, see text. For meaning of symbols, see text

	Transport, comm., and other public utilities—Con.		Wholesale trade		Retail trade					Finance, insurance, and real estate				
	Com-muni-cations	Utilities and sanitary services	Total	Food and farm prod-ucts	General merchan-dise stores	Food stores	Auto-motive dealers and gasoline stations	Apparel and acces-sories stores	Eating and drinking places	Other retail trade	Total	Banking and credit agencies	Insur-ance	Other finance and real estate
United States	116	362	596	137	304	198	266	132	98	378	1 615	716	423	476
NEGRO—Continued	70	41	90	39	583	388	89	47	809	666	24	—	—	24
Male employed wage and salary workers—Continued	35	221	94	22	114	15	88	15	28	66	640	467	86	87
Clerical and kindred workers	252	184	406	34	175	91	130	24	28	151	2 937	1 623	869	445
Bookkeepers	459	94	553	1	267	—	27	37	72	130	979	413	295	271
Cashiers	173	124	846	1 288	342	945	337	696	71	2 562	363	73	230	60
Estimators and investigators, n.e.c.	734	453	3 535	596	3 401	3 483	342	618	252	2 582	581	136	161	284
Office machine operators	2 968	3 704	6 850	877	1 340	1 091	522	325	253	6 932	16 349	7 682	3 488	5 179
Secretaries, stenographers, and typists	11 016	16 172	17 992	3 679	4 928	3 757	25 334	1 247	840	18 582	6 634	472	595	5 567
Shipping and receiving clerks	571	4 509	1 762	215	198	177	20	22	66	2 365	3 173	85	184	2 904
Stock clerks and storekeepers	25	106	80	—	138	108	20	22	—	502	1 160	39	18	1 058
Other clerical and kindred workers	21	45	311	—	97	17	60	—	—	261	1 155	21	—	1 111
Craftsmen and kindred workers	254	1 081	264	49	50	17	18	—	43	279	1 447	25	103	1 319
Construction craftsmen	88	811	292	59	299	35	242	—	23	336	1 284	—	—	284
Brickmasons and stonemasons	13	194	532	73	17	17	41	—	—	307	79	—	—	63
Carpenters	170	147	97	34	15	17	18	—	—	562	371	—	16	348
Electricians	238	1 225	186	34	19	689	370	59	54	52	371	—	23	348
Excavating, grading and road machine operators	249	1 776	3 716	1 226	1 471	2 042	24 023	59	147	4 780	1 062	109	106	847
Painters (const. & maint.), plasterers, & paperhangers	721	4 331	4 955	529	2 042	441	23 630	39	22	4 495	83	36	25	22
Plumbers and pipefitters	17	690	2 001	261	1 101	320	23 630	29	30	258	46	—	—	46
Other construction craftsmen	17	267	692	83	78	21	21	—	—	71	—	—	—	—
Foremen, n.e.c.	17	147	570	83	61	21	21	—	—	92	46	—	—	46
Metal craftsmen, except mechanics	—	103	38	—	—	—	—	—	—	95	—	—	—	—
Mechanists, job setters, and toolmakers	—	17	84	—	—	—	—	—	—	16	—	—	—	—
Blacksmiths, forgers, hammermen, boiler-makers	—	17	84	—	—	—	—	—	—	16	—	—	—	—
Other metal craftsmen	173	45	304	47	91	58	—	—	—	52	500	235	221	44
Printing craftsmen	46	504	281	40	63	19	61	—	—	52	525	43	61	482
Stationary engineers and power station operators	9 722	3 740	6 282	1 539	985	2 352	440	1 078	496	10 179	957	—	—	896
Other craftsmen and kindred workers	502	4 445	28 500	9 124	1 949	10 203	28 104	815	883	11 348	1 667	229	175	1 263
Operators, except transport	18	—	945	86	—	22	109	—	—	214	17	—	—	17
Assemblers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, and inspectors, manufacturing	—	14	336	—	—	—	231	—	—	184	—	—	—	—
Filers, polishers, sanders, and buffers	—	24	173	—	—	—	816	—	—	95	54	—	—	54
Painters, manufactured articles	20	—	269	—	—	—	—	—	—	177	26	—	—	26
Precision machine operatives	20	—	32	—	—	—	—	—	—	27	—	—	—	—
Drill press operatives	—	—	92	—	—	—	—	—	—	—	26	—	—	26
Grinding machine operatives	—	—	125	—	—	—	—	—	—	—	—	—	—	—
Lathe and milling machine operatives	—	—	113	—	—	—	—	—	—	143	—	—	—	—
Precision machine operatives, n.e.c.	—	—	—	—	—	—	—	—	—	7	—	—	—	—
Punch and stamping press operatives	—	—	—	—	—	—	32	—	—	48	—	—	—	—
Solders	—	886	262	—	50	19	—	—	—	144	492	39	32	421
Stationary firemen	23	289	1 820	—	85	—	82	—	—	341	34	—	—	34
Welders and flame-cutters	199	823	14 794	6 445	1 311	8 878	25 051	711	593	8 244	526	72	51	403
Other specified operatives	101	435	3 504	655	161	291	796	—	227	850	77	37	20	20
Machine operatives, miscellaneous specified	64	417	2 765	533	51	221	119	59	26	350	93	35	21	37
Machine operatives, not specified	56	1 410	2 933	1 190	168	673	780	23	37	392	329	46	51	232
Miscellaneous operatives	21	147	586	215	35	99	88	—	—	309	19	—	—	19
Not specified operatives	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Transport equipment operatives	613	11 530	43 523	13 755	3 684	7 207	4 042	673	1 668	29 071	1 672	490	218	944
Deliverymen and route men	147	260	12 922	4 923	1 755	3 277	1 609	373	776	12 603	221	100	29	92
Fork lift and tow motor operatives	18	165	4 095	1 367	413	882	2 27	24	66	63	63	16	47	—
Truck drivers	276	10 722	22 151	7 183	1 411	2 869	1 556	233	543	11 456	575	97	70	408
Other transport equipment operatives	172	383	4 355	282	105	179	850	43	283	4 174	813	277	72	464

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

	Transport., comm., and other public utilities—Con.		Wholesale trade		Retail trade					Finance, insurance, and real estate				
	Com-muni-cations	Utilities and sanitary services	Total	Food and farm prod-ucts	General-merchandise stores	Food stores	Auto-motive dealers and gasoline stations	Apparel and accessories stores	Eating and drinking places	Other retail trade	Total	Banking and credit agencies	Insurance	Other finance and real estate
United States														
NEGRO—Continued														
Male employed wage and salary workers—Continued														
Laborers, except farm														
Construction laborers	639	40 830	28 632	9 308	5 222	19 890	9 216	781	717	19 698	5 548	275	197	5 076
Freight, stock, and material handlers	165	3 833	460	18	54	23	145	—	18	699	366	23	22	321
Vehicle washers and equipment cleaners	122	24 902	16 530	6 766	4 469	18 876	344	722	261	7 799	394	125	66	203
Other specified laborers	123	271	589	182	19	138	7 572	—	18	136	23	—	—	23
Miscellaneous laborers	—	897	4 310	431	253	326	250	—	73	7 546	3 255	40	73	3 142
Not specified laborers	33	7 376	1 607	321	76	61	11	—	43	510	592	20	—	572
	196	3 551	5 136	1 590	351	516	894	59	304	3 008	918	67	36	815
Farm workers														
Service workers, including private household	1 971	6 162	8 289	2 631	10 220	5 275	3 489	2 687	61 822	24 732	36 073	6 849	2 124	27 100
Cleaning service workers	1 770	5 470	5 699	1 975	7 623	3 983	3 192	2 298	6 235	6 724	26 279	5 355	1 786	19 138
Food service workers	32	33	574	384	1 343	1 002	33	71	54 782	606	541	267	119	155
Health service workers	—	29	42	—	—	—	22	—	—	20	—	—	—	—
Personal service workers	—	53	258	90	416	20	52	72	715	190	2 519	91	58	2 370
Guards and watchmen	78	365	421	75	699	120	75	293	90	430	2 145	1 118	161	866
Other service workers, including private household	91	212	1 337	107	139	150	115	23	—	16 762	4 589	18	—	4 571
Female employed wage and salary workers														
Professional, technical, and kindred workers														
Accountants	1 289	332	760	102	84 749	32 139	5 079	26 418	114 800	86 048	114 473	43 306	39 112	32 055
Computer specialists	302	21	132	—	751	258	45	80	453	1 102	2 489	1 165	911	413
Engineers	95	24	124	19	281	67	20	—	—	119	1 021	621	379	21
Librarians, archivists, and curators	21	37	41	—	90	—	—	—	—	41	229	83	146	—
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Physicians, dentists, and related practitioners	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health technologists and technicians	12	—	16	—	59	100	—	—	18	356	19	—	19	—
Social scientists	—	20	—	—	—	—	—	40	—	—	80	—	20	—
Social and recreation workers	20	—	—	—	—	—	—	—	—	13	—	—	—	—
Teachers, except college and university	17	—	26	—	—	—	—	—	—	—	181	25	38	118
Engineering and science technicians	153	44	48	24	55	—	—	—	—	—	92	72	—	20
Technicians, exc. health, and engineering and science	—	13	15	—	25	—	25	—	—	—	49	—	49	—
Writers, artists, and entertainers	236	59	129	59	93	—	—	40	417	122	114	40	53	21
Other professional, technical, and kindred workers	376	114	270	59	148	91	—	—	18	484	704	264	207	233
Managers and administrators, except farm														
Buyers, purchasing agents, and sales managers	499	86	503	73	2 131	1 315	55	971	2 132	1 778	3 219	1 264	416	1 539
Other managers and administrators	32	15	136	57	1 470	134	55	527	78	317	83	—	61	22
Salaries	397	71	367	16	661	1 181	55	444	2 054	1 461	3 136	1 264	355	1 517
Self-employed	—	—	—	—	661	1 181	55	444	2 054	1 461	3 136	1 264	355	1 517
Sales workers														
Clerical and kindred workers	536	45	2 329	387	31 508	3 672	357	9 500	943	20 461	5 681	111	3 821	1 749
Billing clerks	51 988	5 759	14 632	1 686	31 259	17 180	2 018	7 709	5 394	26 281	84 694	36 445	31 807	16 442
Bookkeepers	240	77	594	38	584	61	23	94	—	124	267	60	191	16
Cashiers	853	369	1 570	332	2 076	586	392	969	247	1 592	6 619	3 493	1 851	825
Counter clerks, except food	435	414	819	158	8 199	14 642	1 177	1 365	4 192	4 044	923	196	417	310
File clerks	583	53	339	—	1 755	143	25	220	57	138	38	—	—	—
Office machine operators	1 641	442	831	61	1 856	55	65	333	96	664	8 172	2 715	4 840	617
Bookkeeping and billing machine operators	1 675	756	1 287	110	2 400	183	237	487	116	468	10 491	6 475	3 179	837
Keypunch operators	43	54	137	15	394	20	—	83	—	61	2 048	1 939	57	51
	1 236	517	955	48	1 466	60	126	291	80	322	6 907	3 590	2 730	587

Table 5. Industry Group of Employed Wage and Salary Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text)

	Transport., comm., and other public utilities—Con.		Wholesale Trade		Retail Trade					Finance, insurance, and real estate					
	Com-muni-cations	Utilities and sanitary services	Total	Food and farm products	Total	General merchandise stores	Food stores	Auto-motive dealers and gasoline stations	Apparel and accessories stores	Eating and drinking places	Other retail trade	Total	Banking and credit agencies	Insurance	Other finance and real estate
United States															
NEGRO — Continued															
Female employed wage and salary workers—Continued															
Clerical and kindred workers—Continued															
Payroll and timekeeping clerks	224	132	87	—	390	34	—	—	47	47	48	229	107	79	43
Receptionists	337	80	251	37	277	40	45	—	20	43	272	8 431	253	190	291
Secretaries	1 437	638	2 350	197	1 601	294	416	—	251	84	1 497	2 565	2 395	3 557	2 479
Statistical clerks	1 211	127	1 69	19	562	20	72	—	99	43	115	2 565	287	189	89
Stenographers	224	151	61	—	47	—	—	—	106	88	200	549	182	140	227
Telephone operators	32 713	101	205	126	811	34	103	—	172	107	1 172	14 646	5 451	7 527	1 668
Typists	3 661	996	1 597	141	1 693	150	184	—	3 244	274	15 920	30 469	13 815	7 842	8 812
Other clerical and kindred workers	6 754	1 414	4 872	467	10 144	940	279	—	—	—	—	—	—	—	—
Craftsmen and kindred workers	791	321	1 774	129	1 528	679	479	—	1 250	802	2 404	428	116	193	119
Foremen, n.e.c.	236	57	345	61	993	61	13	—	137	132	172	237	116	68	53
Mechanics and repairmen	53	79	233	79	137	16	402	—	—	—	106	22	—	44	22
Printing craftsmen	20	92	90	20	45	—	—	—	—	—	45	44	—	—	—
Operatives, except transport	288	243	16 065	8 259	17 817	4 053	643	—	3 639	1 259	4 669	547	278	124	145
Assemblers	72	34	769	136	137	—	—	—	—	—	—	—	—	—	—
Bottling and canning operatives	—	—	40	40	23	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, inspectors, manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Graders and sorters, manufacturing	—	23	3 381	2 241	1 836	—	—	—	482	589	794	—	—	—	—
Packers and wrappers, except produce	—	—	1 168	1 120	6 356	2 635	84	—	—	—	—	—	—	—	—
Produce graders and packers, exc. factory and farm	—	—	24	—	107	—	—	—	—	—	—	—	—	—	—
Mixing operatives	—	—	211	18	690	—	19	—	395	44	132	—	—	—	—
Sewers and stitchers	—	—	4 808	1 277	7 759	654	607	—	2 537	150	2 917	190	47	25	118
Other specified operatives	101	103	1 063	379	7 725	35	—	—	69	228	258	153	109	44	—
Machine operatives, miscellaneous specified	33	44	867	283	415	90	—	—	25	31	157	161	122	39	—
Machine operatives, not specified	66	39	3 299	2 605	1 315	431	17	—	98	143	239	76	—	16	—
Miscellaneous operatives	16	—	335	160	290	81	—	—	33	74	47	27	—	—	27
Not specified operatives	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Transport equipment operatives	23	114	709	133	1 225	59	126	—	40	74	584	8	—	8	—
Deliverymen and roulemen	23	—	213	50	638	184	61	—	40	53	276	8	—	—	—
Laborers, except farm	77	574	2 579	632	8 766	2 558	492	—	866	284	2 766	422	122	46	254
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, except private household ¹	1 512	1 106	3 332	561	147 030	11 218	864	—	2 343	103 459	26 003	16 985	3 805	1 786	11 394
Cleaning service workers	985	855	1 784	190	13 011	2 828	693	—	1 546	3 234	4 015	12 133	2 909	1 345	7 879
Cleaners and chorwomen	508	442	1 047	44	8 855	1 877	468	—	1 346	1 830	2 810	7 883	1 730	882	5 269
Food service workers	389	181	667	340	111 392	6 333	74	—	221	99 380	3 086	1 400	620	382	398
Waiters and food counter workers	135	23	49	22	39 877	2 448	54	—	75	34 752	1 729	392	75	189	128
Health service workers	—	—	127	—	127	—	15	—	—	40	33	56	14	—	42
Personal service workers	84	52	160	—	3 468	1 604	32	—	504	745	563	1 061	239	59	763
Protective service workers	29	—	542	—	—	388	—	—	72	60	22	67	23	—	44
Private household workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

¹Includes allocated cases not shown separately.

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970

[Data based on 5-percent sample, see text. For meaning of symbols, see text.]

United States	Total, 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction		Manufacturing						Electrical machinery, equipment, and supplies	Motor vehicles and motor vehicle equipment		
				Total	Special trade contractors	Lumber and wood products, except furniture	Furniture and fixtures	Stone, clay, and glass products	Primary ferrous industries	Primary non-ferrous industries	Fabricated metal industries (including not specified metal)			Machinery, except electrical	
TOTAL	4 918 213	1 404 883	18 624	626 927	410 491	234 746	47 408	8 071	7 300	2 489	1 283	12 922	23 288	6 123	3 154
Male self-employed workers	732 732	21 109	2 300	4 859	1 842	14 657	180	214	526	81	136	425	1 365	1 238	171
Professional, technical, and kindred workers	62 372	149	20	156	40	488	—	21	18	—	—	19	20	47	—
Accountants	16 716	2 978	19	214	35	—	—	—	—	—	—	—	—	38	—
Architects	869	—	—	19	—	93	—	—	—	—	—	—	20	739	43
Computer specialists	25 798	173	482	1 821	632	2 949	18	70	41	21	97	254	671	26	—
Engineers	295	—	—	—	—	168	—	—	—	—	—	—	—	—	—
Aeronautical and astronautical	453	—	—	—	—	55	—	—	—	—	—	—	—	—	—
Chemical	5 954	21	19	1 205	226	73	—	—	—	—	—	47	26	—	—
Civil	2 702	23	—	241	201	693	—	—	20	—	37	18	50	508	—
Electrical and electronic	2 630	—	—	—	—	235	—	—	—	—	37	80	58	—	—
Industrial	2 844	14	—	250	170	659	—	25	—	—	—	80	354	65	—
Mechanical	10 880	115	463	125	35	1 066	18	45	21	21	23	109	161	85	43
Other engineers	142 651	—	25	20	—	154	—	—	—	—	—	—	—	57	22
Lawyers and judges	1 078	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Librarians, archivists, and curators	434	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mathematical specialists	5 294	703	1 250	—	—	459	—	—	51	—	—	21	24	43	—
Life and physical scientists	948	—	23	—	—	337	—	—	51	—	—	21	—	—	—
Chemists	233	—	—	—	—	136	—	—	—	—	—	—	47	—	46
Operations and systems researchers and analysts	3 104	65	39	142	57	139	—	22	—	38	—	—	19	—	—
Personnel and labor relations workers	284 357	10 752	—	41	19	151	—	—	18	—	—	—	21	—	—
Physicians, dentists, and related practitioners	77 904	—	—	—	—	19	—	—	—	—	—	—	—	—	—
Dentists	22 592	—	—	22	—	22	—	—	—	—	—	—	—	—	—
Pharmacists	143 122	—	—	—	—	89	—	—	18	—	—	—	21	—	—
Physicians, medical and osteopathic	40 739	10 752	—	19	19	21	—	—	—	—	—	—	—	—	—
Other related practitioners	2 606	119	—	17	17	19	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	3 145	17	—	—	—	122	—	—	—	—	—	—	—	—	—
Health technologists and technicians	32 908	—	—	—	—	158	—	—	—	—	—	—	—	—	—
Religious workers	5 592	—	55	11	—	—	—	—	—	—	—	—	—	—	—
Social scientists	947	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, college and university	14 268	25	—	81	41	92	—	33	—	—	—	—	—	—	—
Teachers, except college and university	9 270	673	176	580	156	1 121	—	—	21	—	18	73	285	248	19
Engineers and science technicians	3 838	71	46	401	78	456	—	—	21	—	—	51	235	56	19
Draftsmen	854	—	—	63	63	276	—	—	—	—	—	—	24	192	—
Electrical and electronic engineering technicians	86	—	—	—	—	86	—	—	—	—	—	—	28	—	—
Industrial and mechanical engineering technicians	4 492	602	130	116	15	303	—	—	—	—	—	22	—	—	—
Other engineering and science technicians	3 213	767	22	39	17	18	—	—	—	—	—	—	—	—	—
Technicians, exc. health, and eng. and science	1 673	751	17	17	17	18	—	—	—	—	—	—	—	—	—
Airplane pilots	540	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Embalmers	127	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Radio operators and air traffic controllers	873	16	22	—	—	—	—	—	—	—	—	—	—	—	—
Other technicians, exc. health, and eng. and science	86 762	3 527	39	755	468	5 922	—	68	334	22	—	58	123	66	21
Writers, artists, and entertainers	31 155	1 161	173	963	360	2 614	162	—	43	—	21	—	70	—	20
Other professional, technical, and kindred workers	944 828	8 742	6 523	145 301	52 762	65 298	10 393	1 986	2 655	440	396	4 811	6 600	1 444	538
Managers and administrators, except farm	39 086	291	304	326	169	1 526	186	37	13	—	—	186	169	60	—
Buyers, purchasing agents, and sales managers	905 742	8 451	6 219	144 975	52 593	63 772	10 207	1 949	2 642	440	396	4 625	6 431	1 384	538
Other managers and administrators	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Salaries	905 742	8 451	6 219	144 975	52 593	63 772	10 207	1 949	2 642	440	396	4 625	6 431	1 384	538
Self-employed	419 490	1 350	269	3 897	2 044	21 331	501	882	538	282	64	1 115	1 311	1 056	209
Sales workers	7 050	—	—	—	—	3 629	—	—	—	—	—	—	—	—	—
Newsboys	165 384	249	—	589	235	1 878	17	—	—	—	—	44	18	22	26
Other specified sales workers	247 056	1 101	269	3 308	1 809	15 824	484	882	538	282	64	1 071	1 293	1 034	183
Salesmen and sales clerks, n.e.c.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text.]

United States	Agriculture, forestry, and fisheries				Mining		Construction		Manufacturing						Motor vehicles and motor vehicle equipment		
	Total, 16 years old and over	Agriculture, forestry, and fisheries	Mining	Total	Special trade contractors	Lumber and wood products, except furniture and fixtures	Stone, clay, and glass products	Primary ferrous industries	Primary non-ferrous industries	Fabricated metal industries (including specified metal)	Machinery, except electrical	Electrical machinery, equipment, and supplies					
TOTAL—Continued																	
Male self-employed workers—Continued																	
Clerical and kindred workers																	
Bookkeepers	54 413	636	243	5 591	2 694	171	201	34	20	349	272	377					39
Cashiers	15 109	226	99	1 133	542		70			102	17	23					
Estimators and investigators, n.e.c.	2 970	24	18	2 879	1 508	65	14		20	107	22	23					21
Office machine operators	6 084	66	20	188	85		20				87	21					18
Secretaries, stenographers, and typists	2 539	35	20	20	20		27			22	51	84					
Shipping and receiving clerks	1 933	21	35	20	20		23			118	75	226					
Stock clerks and storekeepers	1 729	43	71	1 346	539	39	97	34									
Other clerical and kindred workers	24 484	221															
Craftsmen and kindred workers																	
Construction craftsmen	829 756	3 131	3 091	442 525	335 344	3 668	1 378	745	402	3 057	8 756	840					794
Brickmasons and stonemasons	391 946	1 622	617	372 677	309 251	614	379	71	44	630	185	81					125
Carpenters	25 201	76	45	24 803	21 912		44	20		187	41	21					20
Electricians	154 688	531	125	148 293	103 246	614	22	17	44		65	42					39
Excavating, grading and road machine operators	28 111	796	426	25 969	25 671		24			24	45	18					
Painters (const. & maint.), plasterers, & paperhangers	23 313			19 628	9 204		122										44
Plumbers and pipefitters	93 130	85		90 528	88 704		22	17		19	17						22
Other construction craftsmen	37 006	78		35 168	34 603		114				17						
Foremen, n.e.c.	30 497	56	21	28 288	25 909	318	284	87	180	454	771	90					174
Mechanics and repairmen	18 756	396	806	5 565	2 336	81	119	46	37	296	214	394					314
Automobile, including body	208 292	395	274	8 811	7 644						64						169
Metal craftsmen, except mechanics	119 175	91	21	267	135												
Machinists, job setters, and toolmakers	19 460	84		3 580	3 294	46					6 378	192					162
Blacksmiths, forgemen, hammermen, boiler-makers	8 507			3 184	3 103	46					5 900	103					103
Other metal craftsmen	4 306	39		161	161						73	89					59
Printing craftsmen	6 647	45		3 235	3 030						405						
Stationary engineers and power station operators	9 800			195	177						41						19
Other craftsmen and kindred workers	1 920	634	719	287	12 464	2 609	564	142	36	544	167	83					
Operatives, except transport																	
Assemblers	147 323	1 215	4 879	15 765	12 892	977	1 270	578	154	2 567	4 602	878					1 209
Checkers, examiners, and inspectors, manufacturing	2 987	78	28	39	19	353	66	33		198	412	195					415
Filters, polishers, sanders, and buffers	954			673	673	22	22			18	124	64					118
Painters, manufacturers articles	1 753			22	22	36	25			317	23						32
Precision machine operatives	2 492	17		288	288	50				21	671	109					20
Drill press operatives	4 455	25		148	127	52				176	1	24					88
Grinding machine operatives	4 271	19		252	252	18				39	139	24					19
Lathe and milling machine operatives	2 325	17		648	648	32				83	376	85					69
Punch and stamping press operatives	1 007	35		742	742	18				19	484	16					
Solders	852			347	347					70	96						64
Stationary firemen	71			55	55												
Welders and flame-cutters	328	38		18	18												
Other specified operatives	17 386	155	113	1 513	1 513	44	43				1	22					213
Machine operatives, miscellaneous specified	94 106	473	4 669	12 583	10 528	159	188				206	79					57
Machine operatives, not specified	7 658	173		5 248	5 248	117	587				121	95					107
Machine operatives, not specified	2 190	77	19	1 491	1 491	105	21				278	105					19
Miscellaneous operatives	8 967	36		2 963	2 963	59	172				25	107					37
Not specified operatives	3 594	106		1 969	1 969	38	120				82	39					39
Transport equipment operatives																	
Transport equipment operatives	146 290	2 296	1 083	4 766	1 326	42	463	26	39	202	155	61					85
Deliverymen and rousters	24 040	196	146	81	61		90			26	23	31					22
Fork lift and tow motor operatives	86 860	24		40	40		61			39	111	30					63
Truck drivers	86 275	1 755	741	3 671	920	22	286				1	30					
Other transport equipment operatives	35 115	321	196	776	205		26				1	178					

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text.]

United States	Total, 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction		Manufacturing							Electrical machinery, equipment, and supplies	Motor vehicles and motor vehicle equipment			
				Total	Special contractors	Lumber and wood products, except furniture and fixtures	Stone, clay, and glass products	Primary ferrous industries	Primary non-ferrous industries	Fabricated metal industries (including not specified metal)	Machinery, except electrical						
TOTAL—Continued																	
Male self-employed workers—Continued																	
Laborers, except farm	128 610	68 001	168	3 213	1 147	29 313	24 437	89	226	218	41	216	187	71	69		
Construction laborers	1 251	—	—	1 491	—	—	—	—	—	—	—	—	—	—	—	—	—
Freight stock and material handlers	13 484	93	105	460	320	1 471	602	68	49	98	21	43	59	—	37		
Vehicle washers and equipment cleaners	1 983	—	—	67	47	1 01	19	—	38	—	—	—	—	—	—	—	—
Other specified laborers	99 954	67 116	42	1 264	289	25 988	23 531	21	54	46	—	90	46	24	—	—	—
Miscellaneous laborers	7 592	448	—	—	—	524	215	—	65	—	—	65	—	—	22		
Not specified laborers	4 346	344	21	171	—	1 229	70	—	85	74	20	20	82	47	10		
Farm workers	1 297 807	1 297 807	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	216 964	596	118	1 010	440	2 054	17	62	43	85	31	178	40	158	40		
Cleaning service workers	25 773	249	48	450	213	799	17	25	43	46	—	149	19	79	40		
Food service workers	52 422	46	—	83	63	91	—	—	—	—	—	—	—	—	—	—	—
Health service workers	1 048	—	—	19	19	—	—	—	—	—	—	—	—	—	—	—	—
Personal service workers	120 546	62	22	19	19	41	—	—	—	—	—	—	—	—	—	—	—
Guards and watchmen	1 129	19	27	105	—	179	—	20	—	17	—	—	21	17	—	—	—
Other service workers, including private household	16 046	200	21	334	126	944	—	17	—	22	31	29	—	62	—	—	—
Female self-employed workers	1 088 072	79 409	707	15 116	10 788	39 370	1 231	599	1 494	18	99	1 107	1 135	1 270	289		
Professional, technical, and kindred workers	183 979	1 978	88	666	406	4 023	—	21	309	—	—	34	37	196	20		
Accountants	9 960	42	—	68	24	126	—	—	—	—	—	—	—	16	—	—	—
Computer specialists	262	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineers	483	—	—	33	—	46	—	—	—	—	—	—	—	27	—	—	—
Librarians, archivists, and curators	212	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	771	356	34	—	—	110	—	—	76	—	—	—	—	14	—	—	—
Physicians, dentists, and related practitioners	11 979	342	20	—	—	20	—	—	—	—	—	—	—	—	20	—	—
Registered nurses, dietitians, and therapists	27 918	—	—	—	—	22	—	—	—	—	—	—	—	—	—	—	—
Health technologists and technicians	697	—	—	—	—	40	—	—	—	—	—	—	—	—	—	—	—
Social scientists	1 318	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Social and recreation workers	889	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, except college and university	67 309	—	—	—	—	166	—	—	88	—	—	17	20	—	—	—	—
Engineering and science technicians	689	17	11	47	—	147	—	—	—	—	—	—	—	73	—	—	—
Technicians, exc. health, and engineering and science	238	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	35 360	964	—	398	382	2 817	—	21	145	—	—	17	—	66	—	—	—
Other professional, technical, and kindred workers	25 894	257	23	120	—	510	—	—	—	—	—	—	—	—	—	—	—
Managers and administrators, except farm	195 657	1 019	170	2 180	905	6 177	166	213	401	—	—	227	191	118	68		
Buyers, purchasing agents, and sales managers	8 142	25	—	18	—	19	—	—	—	—	—	—	—	—	—	—	—
Other managers and administrators	187 515	994	170	2 162	905	6 158	166	213	401	—	—	227	191	118	68		
Salaries	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Self-employed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sales workers	136 142	434	17	343	167	3 114	43	93	76	—	18	21	47	47	—	—	—
Clerical and kindred workers	115 623	1 820	247	4 932	3 230	8 241	302	97	351	18	48	264	660	262	140		
Billing clerks	268	—	—	—	—	42	—	—	—	—	—	—	—	—	—	—	—
Bookkeepers	45 006	—	—	—	—	3 099	199	36	252	18	22	101	299	74	42		
Cashiers	9 901	1 160	78	2 569	1 770	60	—	—	—	—	—	—	—	19	41		
Counter clerks, except food	2 894	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
File clerks	877	—	—	—	—	15	19	—	—	—	—	—	—	—	—	—	—
Office machine operators	693	—	—	—	—	164	—	—	—	—	—	—	—	48	—	—	—
Bookkeeping and billing machine operators	42	—	—	—	—	78	—	—	—	—	—	—	—	—	—	—	—
Keypunch operators	392	—	—	—	—	19	—	—	—	—	—	—	—	—	—	—	—

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

United States	Total, 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction		Manufacturing						Electrical machinery, equipment, and supplies	Motor vehicles and motor vehicle equipment	
				Total	Special trade contractors	Lumber and wood products, except furniture and fixtures	Furniture and fixtures	Stone, clay, and glass products	Primary ferrous industries	Primary non-ferrous industries	Fabricated metal industries (including not specified metal)			Machinery, except electrical
TOTAL—Continued														
Female self-employed workers—Continued														
Clerical and kindred workers—Continued														
Payroll and timekeeping clerks	170	—	—	20	—	—	—	—	—	—	—	—	—	—
Receptionists	2 601	41	23	22	—	—	—	—	—	—	—	—	—	—
Secretaries	16 391	184	121	1 269	873	62	42	66	26	104	198	83	38	—
Statistical clerks	1 776	18	—	—	—	—	—	—	—	—	—	—	—	—
Stenographers	1 697	—	—	17	17	—	—	—	—	21	—	—	—	—
Telephone operators	6 639	21	—	96	79	—	—	—	—	19	83	21	—	—
Typists	6 688	396	25	903	476	22	19	33	—	19	44	17	—	—
Other clerical and kindred workers	27 022	—	—	—	—	—	—	—	—	—	—	—	—	—
Craftsmen and kindred workers														
Foremen, n.e.c.	31 913	231	35	6 516	5 845	169	—	66	—	82	—	23	—	—
Mechanics and repairmen	1 607	33	13	38	80	34	—	—	—	—	—	23	—	—
Printing craftsmen	2 804	—	—	101	—	—	—	—	—	—	—	—	—	—
1 067	—	—	—	—	—	1 007	—	—	—	—	—	—	—	—
Operatives, except transport														
Assemblers	58 093	253	99	219	159	167	175	263	33	394	159	579	61	—
Bottling and canning operatives	78	24	—	10	10	—	—	—	—	23	—	297	44	—
Checkers, examiners, inspectors, manufacturing	645	—	—	—	—	—	—	—	—	—	—	—	—	—
Graders and sorters, manufacturing	99	—	—	—	—	—	—	—	—	48	—	95	—	—
Packers and wrappers, except produce	1 018	—	—	—	—	—	—	—	—	46	24	—	—	—
Produce graders and packers, exc. factory and farm	69	—	—	—	—	—	—	—	—	—	—	—	—	—
Mixing operatives	21	—	—	—	—	—	—	—	—	—	—	—	—	—
Sewers and stitchers	5 174	122	99	190	130	84	65	39	—	99	—	74	—	—
Other specified operatives	44 631	—	—	—	—	83	63	139	—	99	25	40	—	—
Machine operatives, miscellaneous specified	2 107	—	—	—	—	—	—	—	—	19	19	24	—	—
Machine operatives, not specified	2 281	—	—	—	—	—	—	—	—	35	44	29	—	—
Miscellaneous operatives	2 156	43	—	19	19	—	—	85	—	25	23	24	—	—
Not specified operatives	1 027	22	—	—	—	—	—	—	—	—	—	—	—	—
Transport equipment operatives														
Deliverymen and roufemen	5 125	19	51	58	20	—	—	—	—	—	—	—	—	—
1 168	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Laborers, except farm														
12 113	5 014	—	—	15	15	384	—	—	—	64	—	21	—	—
Farm workers														
68 328	68 328	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, except private household¹														
273 481	313	—	—	187	41	—	—	28	—	21	41	24	—	—
6 537	102	—	—	83	—	—	—	—	—	—	19	—	—	—
2 943	86	—	—	43	—	—	—	—	—	—	19	—	—	—
42 654	90	—	—	—	—	—	—	28	—	21	—	—	—	—
14 586	21	—	—	—	—	—	—	—	—	—	—	—	—	—
12 691	—	—	—	19	19	—	—	—	—	—	—	—	—	—
191 937	41	—	—	18	—	—	—	—	—	—	—	—	—	—
246	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Private household workers														
7 618	—	—	—	—	—	—	—	—	—	—	—	—	—	—

¹Includes allocated cases not shown separately.

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970 - Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text.]

United States

TOTAL - Continued

Male self-employed workers - Continued

Occupation	Aircraft and parts	Other transportation equipment	Ordinance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other non-durable goods	Total	Transportation, communications, and other public utilities	Trucking service and warehousing	Other transportation
Bookkeepers	96	85	20	783	320	20	73	104	682	160	38	365	2 963	1 248	818	
Cashiers	23	24	-	86	168	-	-	-	187	17	-	-	592	325	169	23
Estimators and investigators, n.e.c.	-	21	-	20	-	-	-	-	61	-	-	-	60	42	18	-
Office machine operators	-	-	-	17	-	-	-	20	60	-	-	-	18	18	41	-
Secretaries, stenographers, and typists	-	-	-	19	47	-	16	17	21	20	18	19	121	106	22	15
Shipping and receiving clerks	-	-	-	19	-	-	17	47	21	21	-	-	63	22	20	20
Stock clerks and storekeepers	-	-	-	621	87	-	40	20	353	102	20	346	2 045	694	591	591
Other clerical and kindred workers	73	40	20	-	-	-	-	-	-	-	-	-	-	-	-	-
Craftsmen and kindred workers	395	2 182	99	7 826	2 117	530	1 120	294	9 776	370	399	2 671	5 987	2 450	1 307	1 307
Construction craftsmen	39	1 600	-	167	104	21	22	25	27	104	63	26	822	357	217	217
Brickmasons and stonemasons	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carpenters	-	53	-	63	59	-	-	-	-	21	47	-	228	75	134	134
Electricians	-	21	-	42	22	21	-	25	-	21	16	-	83	21	42	42
Excavating, grading and road machine operators	-	98	-	17	-	-	-	-	-	21	-	-	411	261	22	22
Painters (const. & main.), plasterers, & paperhangers	39	98	-	45	23	-	22	-	27	62	-	-	19	-	19	19
Plumbers and pipefitters	-	28	-	-	-	-	-	-	-	-	-	-	63	-	63	63
Other construction craftsmen	-	23	-	-	-	-	-	-	-	-	-	-	18	-	18	18
Foremen, n.e.c.	-	87	-	-	431	-	-	-	-	120	-	26	1 150	877	812	61
Mechanics and repairmen	-	228	20	298	132	186	465	103	290	40	-	198	2 103	988	104	104
Automobile, including body	43	41	-	-	21	24	193	-	172	18	-	77	1 087	891	104	104
Metal craftsmen, except mechanics	313	203	45	745	39	19	20	43	92	20	149	132	96	-	42	42
Machinists, job setters, and toolmakers	186	75	20	169	39	19	20	-	27	20	127	105	18	-	18	18
Blacksmiths, forgers, hammer, boiler-makers	-	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other metal craftsmen	127	109	25	576	39	-	43	43	65	22	22	27	33	-	33	33
Printing craftsmen	-	-	-	79	-	-	-	123	9	22	-	-	181	-	-	-
Stationary, engineers and power station operators	-	-	-	-	-	-	-	-	21	39	-	-	1 635	-	-	-
Other craftsmen and kindred workers	-	64	15	6 159	1 411	137	420	-	95	25	36	2 183	2 419	731	313	313
Operatives, except transport	454	447	172	6 543	3 522	1 329	1 687	319	632	688	448	2 374	5 987	2 450	1 307	1 307
Assemblers	21	162	69	345	20	63	22	22	20	23	19	64	1 150	877	812	61
Checkers, examiners, and inspectors, manufacturing	108	39	39	-	-	-	-	-	-	-	-	-	2 103	988	104	104
Filers, polishers, sanders, and buffers	-	-	-	202	-	-	-	-	-	-	-	-	96	-	42	42
Painters, manufactured articles	18	23	-	41	-	-	-	-	-	-	-	-	18	-	18	18
Precision machine operatives	115	-	-	202	-	-	-	-	-	-	-	-	181	-	-	-
Drill press operatives	-	-	-	41	-	-	43	-	-	-	-	-	22	-	-	-
Grinding machine operatives	-	-	-	33	-	20	-	-	-	-	-	-	33	-	-	-
Lathe and milling machine operatives	45	-	-	11	-	20	-	-	-	-	-	-	22	-	-	-
Precision machine operatives, n.e.c.	19	-	-	22	-	20	-	-	-	-	-	-	181	-	-	-
Punch and stamping press operatives	51	-	-	-	-	-	-	-	-	-	-	-	1 635	-	-	-
Solders	-	-	-	-	-	-	-	-	-	-	-	-	2 419	731	313	313
Stationary firemen	-	-	-	37	18	-	-	-	-	-	-	-	17	-	-	-
Welders and flame-cutters	-	-	-	23	-	-	-	-	-	-	-	-	-	-	-	-
Other specified operatives	47	127	18	37	18	-	-	-	-	-	-	-	18	-	-	-
Machine operatives, miscellaneous specified	37	18	22	15	15	47	23	-	-	18	-	-	57	32	25	18
Machine operatives, not specified	34	99	24	620	1 476	1 179	153	187	204	204	49	111	32	593	206	206
Miscellaneous operatives	74	18	24	1 009	1 638	87	47	286	169	169	80	20	2 160	20	20	20
Not specified operatives	-	-	-	29	87	-	16	58	23	40	20	79	23	-	-	-
Transport equipment operatives	21	48	21	934	4 186	143	17	103	422	107	57	623	99 809	69 077	21 747	21 747
Deliverymen and roulemen	-	48	-	77	3 360	-	-	23	336	-	19	43	3 466	3 284	18	132
Fork lift and low motor operatives	21	-	-	-	60	-	-	19	62	-	18	22	101	18	58	58
Truck drivers	-	-	-	340	732	105	17	61	24	91	18	89	67 498	65 682	479	479
Other transport equipment operatives	-	-	-	517	34	38	-	-	-	16	20	469	28 744	93	93	21 078

*Includes allocated cases not shown separately.

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970 - Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

	Manufacturing - Con.										Transportation, communications, and other public utilities					
	Aircraft and parts	Other transportation equipment	Ordinance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other non-durable goods	Total ¹	Railroads and railway express service	Trucking service and warehousing	Other transportation
United States																
TOTAL - Continued																
Male self-employed workers - Continued																
Labors, except farm																
Construction laborers	25	20	2 292	410	102	82	42	57	123	74	530	9 035	-	4 272	409	
Freight, stock, and material handlers	-	-	-	-	-	-	-	-	-	-	-	6 892	-	3 937	53	
Vehicle washers and equipment cleaners	25	20	50	163	25	63	24	21	81	17	30	128	-	-	103	
Other specified laborers	-	-	1 874	65	-	-	-	36	23	19	278	1 322	-	202	83	
Miscellaneous laborers	-	-	25	42	19	-	18	-	-	18	42	393	-	24	42	
Not specified laborers	-	-	343	140	58	19	-	-	19	20	222	300	-	109	128	
Farm workers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Service workers, including private household																
Cleaning service workers	25	-	385	250	100	38	-	72	43	27	469	645	-	60	424	
Food service workers	25	-	41	133	17	17	-	31	43	27	47	227	-	40	116	
Health service workers	-	-	-	71	20	-	-	-	-	-	-	104	-	-	104	
Personal service workers	-	-	18	23	-	-	-	-	-	-	-	199	-	-	182	
Guards and watchmen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other service workers, including private household	-	-	326	23	63	21	-	20	-	-	413	115	-	20	22	
Female self-employed workers																
Professional, technical, and kindred workers																
Accountants	253	255	5 911	2 790	1 814	6 164	163	8 770	775	437	4 703	10 946	-	3 547	4 962	
Computer specialists	43	-	436	20	59	348	18	2 157	20	-	274	405	-	-	57	
Engineers	19	-	18	20	25	-	-	-	-	-	30	-	-	-	-	
Librarians, archivists, and curators	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	
Life and physical scientists	-	-	-	-	-	-	-	19	20	-	-	-	-	-	-	
Physicians, dentists, and related practitioners	-	-	-	-	-	-	-	-	-	-	-	42	-	-	-	
Registered nurses, dietitians, and therapists	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Health technologists and technicians	-	-	22	-	-	-	-	-	-	-	-	-	-	-	-	
Social scientists	-	-	-	-	-	-	-	28	-	-	12	-	-	-	-	
Social and recreation workers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Teachers, except college and university	24	-	-	-	-	-	-	17	-	-	-	-	-	-	-	
Engineering and science technicians	-	-	31	23	-	-	-	20	-	-	-	-	-	-	-	
Technicians, exc. health, and engineering and science	-	-	-	-	-	-	-	-	-	-	-	31	-	-	13	
Writers, artists, and entertainers	-	-	161	-	34	307	-	2 021	-	-	45	244	-	-	19	
Other professional, technical, and kindred workers	-	-	212	-	-	41	18	52	-	-	187	62	-	-	25	
Managers and administrators, except farm																
Buyers, purchasing agents, and sales managers	20	18	723	545	148	1 105	40	1 680	160	44	288	2 264	-	779	1 261	
Other managers and administrators	20	18	723	526	148	1 105	40	1 680	160	44	288	2 242	-	757	1 261	
Salaries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Self-employed	20	18	723	526	148	1 105	40	1 680	160	44	288	2 242	-	757	1 261	
Sales workers	42	-	349	280	-	287	-	1 219	146	-	446	273	-	61	110	
Clerical and kindred workers																
Billing clerks	41	175	1 497	618	117	153	39	2 154	260	84	942	3 653	-	1 241	1 208	
Bookkeepers	-	37	328	450	76	96	-	821	79	50	119	1 060	-	691	205	
Cashiers	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-	-
Counter clerks, except food	-	-	-	-	-	-	-	20	22	-	20	-	-	-	-	-
File clerks	-	-	-	-	-	-	-	42	19	-	-	-	-	-	-	-
Office machine operators	-	-	-	-	-	-	-	59	-	-	-	-	-	-	-	-
Bookkeeping and billing machine operators	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Keypunch operators	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

¹Includes allocated cases not shown separately.

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970 - Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text)

	Manufacturing - Con.										Transportation, communications, and other public utilities					
	Aircraft and parts	Other transportation equipment	Ordinance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other non-durable goods	Total ¹	Railroads and railway express service	Trucking service and warehousing	Other transportation
United States																
TOTAL - Continued																
Female self-employed workers - Continued																
Clerical and kindred workers - Continued																
Payroll and timekeeping clerks																
Receptionists																
Secretaries																
Statistical clerks																
Stenographers																
Telephone operators																
Typists																
Other clerical and kindred workers																
Foremen, n.e.c.																
Mechanics and repairmen																
Printing craftsmen																
Operatives, except transport																
Assemblers																
Bottling and canning operatives																
Checkers, examiners, inspectors, manufacturing																
Graders and sorters, manufacturing																
Packers and wrappers, except produce																
Produce graders and packers, exc. factory and farm																
Mixing operatives																
Sewers and stitchers																
Other specified operatives																
Machine operatives, miscellaneous specified																
Machine operatives, not specified																
Miscellaneous operatives																
Not specified operatives																
Transport equipment operatives																
Deliverymen and roulemen																
Laborers, except farm																
Farm workers																
Service workers, except private household¹																
Cleaning service workers																
Cleaners and charwomen																
Food service workers																
Waiters and food counter workers																
Health service workers																
Personal service workers																
Protective service workers																
Private household workers																

¹Includes allocated cases not shown separately.

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

Occupation	Transport., comm., and other public utilities—Con.		Wholesale trade		Retail trade				Finance, insurance, and real estate					
	Com-muni-cations	Utilities and sanitary services	Total	Food and farm prod-ucts	General merchan-dise stores	Food stores	Auto-motive dealers and gasoline stations	Apparel acces-sories stores	Eating and drinking places	Other retail trade	Total	Banking and credit agencies	Insur-ance	Other finance and real estate
United States														
TOTAL—Continued														
Male self-employed workers														
Accountants	2 150	7 229	163 674	39 798	41 281	146 885	203 733	33 112	143 140	312 520	187 413	3 244	65 733	118 436
Professional, technical, and kindred workers	701	284	2 724	211	199	144	202	402	1 663	27 528	2 652	327	616	1 709
Architects	—	45	226	67	—	87	54	58	90	301	508	128	96	284
Computer specialists	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineers	95	82	1 274	21	—	—	45	20	—	279	111	—	38	73
Aeronautical and astronautical	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chemical	—	—	19	—	—	—	—	—	—	—	—	—	—	—
Civil	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Electrical and electronic	77	17	39	—	—	—	—	—	—	56	18	—	—	18
Industrial	—	45	60	—	—	—	—	—	—	43	78	—	38	40
Mechanical	—	—	—	—	—	—	45	—	—	180	15	—	—	15
Other engineers	18	20	1 156	21	—	—	—	20	—	—	488	—	—	268
Lawyers and judges	20	40	44	—	—	—	—	—	—	309	22	—	22	20
Librarians, archivists, and curators	—	21	19	19	—	—	—	—	—	40	20	—	—	—
Mathematical specialists	—	—	17	—	—	—	—	—	—	18	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chemists	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Operations and systems researchers and analysts	—	20	107	—	84	39	56	43	67	124	165	—	129	36
Personnel and labor relations workers	—	22	47	—	—	—	—	—	—	23 338	104	—	61	43
Physicians, dentists, and related practitioners	—	22	47	—	—	—	—	—	—	59	—	—	—	—
Dentists	—	—	—	—	—	—	—	—	—	22 106	104	—	61	43
Pharmacists	—	—	—	—	—	—	359	—	—	359	—	—	—	—
Physicians, medical and osteopathic	—	—	—	—	—	—	814	—	—	814	—	—	—	—
Other related practitioners	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	20	—	—	—	—
Health technologists and technicians	—	—	—	—	—	—	—	—	—	105	—	—	—	—
Religious workers	—	—	—	—	—	—	—	—	—	68	—	—	—	—
Social scientists	—	—	21	—	—	—	—	21	—	66	443	66	17	360
Social and recreation workers	—	—	—	—	—	—	—	—	—	21	21	—	—	21
Teachers, college and university	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, except college and university	—	—	26	26	24	18	—	—	16	429	18	—	—	18
Engineering and science technicians	19	—	116	40	—	—	47	—	—	121	38	—	—	38
Draftsmen	19	—	18	—	—	—	—	—	—	57	—	—	—	—
Electrical and electronic engineering technicians	—	—	40	—	—	—	47	—	—	43	19	—	—	19
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	19	—	—	—
Other engineering and science technicians	—	—	58	40	—	—	—	—	—	21	19	—	—	19
Technicians, exc. health, and eng. and science	93	—	—	—	—	—	—	—	—	—	102	—	78	24
Airplane pilots	—	—	—	—	—	—	—	—	—	—	—	—	78	—
Embalmers	—	—	—	—	—	—	—	—	—	—	78	—	—	—
Radio operators and air traffic controllers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other technicians, exc. health, and eng. and science	—	—	—	—	—	—	—	—	—	—	24	—	—	24
Writers, artists, and entertainers	474	39	492	—	91	—	—	223	1 490	1 302	167	47	21	425
Other professional, technical, and kindred workers	15	—	335	38	—	—	—	—	—	1 131	445	20	—	—
Managers and administrators, except farm	743	1 395	70 060	20 351	17 078	87 145	122 509	16 673	84 010	131 380	33 835	976	5 866	26 993
Buyers, purchasing agents, and sales managers	38	—	14 885	8 569	1 373	3 228	2 664	2 320	810	9 133	1 979	57	452	570
Other managers and administrators	705	1 395	55 225	11 782	15 705	83 917	119 845	14 353	83 200	122 247	32 756	919	5 414	26 423
Salaried	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Self-employed	705	1 395	55 225	11 782	15 705	83 917	119 845	14 353	83 200	122 247	32 756	919	5 414	26 423
Sales workers	130	103	61 345	11 082	19 768	27 490	30 858	10 235	3 229	89 632	135 448	581	56 439	78 428
Newsboys	—	—	63	—	2 765	—	61	—	—	—	—	—	—	—
Other specified sales workers	89	27	2 783	120	9 546	—	—	—	—	8 429	135 218	387	56 439	78 392
Salesmen and sales clerks, n.e.c.	41	76	58 499	10 962	7 457	27 490	30 797	10 235	3 229	80 610	230	194	—	36

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

Occupation	Transport, comm., and other public utilities—Con.		Wholesale trade		Retail trade					Finance, insurance, and real estate				
	Com-muni-cations	Utilities and sanitary services	Total	Food and farm products	General merchandise stores	Food stores	Auto-motive dealers and gasoline stations	Apparel and accessories stores	Eating and drinking places	Other retail trade	Total	Banking and credit agencies	Insurance	Other finance and real estate
United States														
TOTAL—Continued														
Male self-employed workers—Continued														
Clerical and kindred workers	41	175	2 767	507	936	3 596	1 589	458	1 678	3 725	10 287	925	2 579	6 783
Bookkeepers	—	57	971	254	333	919	1 151	345	935	1 566	612	133	159	320
Cashiers	—	18	—	—	129	1 633	42	—	485	193	18	—	—	18
Estimators and investigators, n.e.c.	—	—	101	28	40	38	96	—	22	120	1 034	146	64	824
Office machine operators	—	—	96	—	17	25	50	—	—	18	57	21	20	16
Secretaries, stenographers, and typists	—	—	66	—	45	—	22	—	—	64	171	41	42	88
Shipping and receiving clerks	—	—	183	43	120	16	—	—	23	—	20	—	—	—
Stock clerks and stockkeepers	—	—	386	82	98	396	20	23	213	231	20	—	—	20
Other clerical and kindred workers	41	100	964	100	154	569	208	70	213	1 533	8 375	584	2 294	5 497
Craftsmen and kindred workers	451	616	6 648	989	1 362	7 761	25 790	4 934	786	45 748	1 491	42	70	1 379
Construction craftsmen	21	227	365	83	186	107	197	—	178	4 246	680	19	35	626
Brickmasons and stonemasons	—	—	—	—	23	—	23	—	—	87	—	—	—	—
Carpenters	—	19	120	44	39	46	35	—	64	987	281	19	17	245
Electricians	—	20	18	—	77	21	35	—	22	362	40	—	18	22
Excavating, grading and road machine operators	21	107	60	—	—	40	—	—	92	99	63	—	—	63
Painters (const. & mainl), plasterers, & paperhangers	—	—	49	—	—	—	52	—	—	458	296	—	—	296
Plumbers and pipefitters	—	63	81	39	47	—	—	—	—	963	—	—	—	—
Other construction craftsmen	—	18	37	—	1 290	—	—	—	—	1 290	—	—	—	—
Foremen, n.e.c.	—	163	1 153	316	91	312	510	118	171	940	162	—	—	162
Mechanics and repairmen	215	70	2 369	44	807	159	24 607	133	71	13 067	80	—	—	80
Automobile, including body	92	—	783	22	15	115	23 865	66	—	343	—	—	—	—
Metal craftsmen, except mechanics	—	—	155	—	20	18	69	20	—	293	22	—	—	22
Machinists, job setters, and toolmakers	—	—	62	—	20	—	43	—	—	85	22	—	—	22
Blacksmiths, forgers, hammermen, boiler-makers	—	—	26	—	61	18	—	20	—	23	—	—	—	—
Other metal craftsmen	—	—	67	—	—	—	26	—	—	185	—	—	—	—
Printing craftsmen	—	—	79	—	41	—	—	—	—	41	34	—	—	34
Stationary engineers and power station operators	215	64	2 527	556	258	7 165	407	4 663	366	27 141	513	23	35	453
Other craftsmen and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Operatives, except transport	14	4 231	1 015	1 015	195	14 969	21 519	320	283	2 993	164	74	23	67
Assemblers	—	33	62	—	62	—	—	—	23	39	28	28	—	—
Checkers, examiners, and inspectors, manufacturing	—	—	43	—	—	18	220	—	—	148	—	—	—	—
Filers, polishers, sanders, and buffers	—	—	—	—	—	18	—	—	—	41	—	—	—	—
Painters, manufactured articles	—	—	—	—	—	—	115	—	—	94	—	—	—	—
Precision machine operatives	—	—	—	—	—	—	19	—	—	—	23	—	—	—
Drill press operatives	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Grinding machine operatives	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lathe and milling machine operatives	—	—	—	—	—	—	19	—	—	34	—	—	—	—
Punch and stamping press operatives	—	—	—	—	—	—	—	—	—	19	—	—	—	—
Solderers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Stationary firemen	—	—	—	—	20	—	—	—	—	—	—	—	—	—
Welders and flame-cutters	—	154	39	18	—	—	39	—	—	—	—	—	—	—
Other specified operatives	—	1 491	819	18	118	14 391	20 877	320	195	2 070	70	22	—	48
Machine operatives, miscellaneous specified	—	—	236	52	37	370	39	—	21	218	24	24	—	—
Machine operatives, not specified	—	—	115	35	20	102	72	—	25	179	19	—	—	19
Miscellaneous operatives	14	—	1 619	65	378	70	138	—	19	160	—	—	—	—
Not specified operatives	—	—	540	26	387	—	—	—	—	—	—	—	—	—
Transport equipment operatives	36	1 248	10 316	4 874	1 439	2 255	955	44	789	6 204	190	40	61	89
Deliverymen and roulemen	16	15	6 145	3 843	1 278	2 097	409	21	435	3 309	35	17	18	—
Fork lift and tow motor operatives	—	25	40	40	—	—	—	—	—	—	—	—	—	—
Truck drivers	20	1 208	3 349	950	161	158	445	23	276	2 083	82	—	43	39
Other transport equipment operatives	—	—	782	41	—	—	101	—	18	812	73	23	—	50

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text]

	Transportation, communication, and other public utilities—Con.		Wholesale trade		Retail trade					Finance, insurance, and real estate				
	Com- muni- cations	Utilities and sanitary services	Total	Food and farm products	General merchandise stores	Food stores	Auto- motive dealers and gasoline stations	Apparel and accessories stores	Eating and drinking places	Other retail trade	Total	Banking and credit agencies	Insurance	Other finance and real estate
United States														
TOTAL—Continued														
Male self-employed workers—Continued														
Labors, except farm														
Construction laborers	34	3 325	5 236	651	178	3 023	268	25	117	1 827	765	20	—	745
Freight, stock, and material handlers	—	2 902	723	227	137	2 798	17	—	51	592	23	—	—	23
Vehicle washers and equipment cleaners	—	25	20	—	—	193	193	—	—	—	—	—	—	—
Other specified laborers	34	60	1 024	169	17	41	—	—	25	645	586	—	—	586
Miscellaneous laborers	—	327	3 059	187	—	96	16	—	—	196	88	—	—	88
Not specified laborers	—	11	410	68	24	88	42	25	41	394	88	20	—	68
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	14	69	347	108	126	502	43	21	50 645	3 483	2 581	259	79	2 243
Cleaning service workers	14	33	118	62	86	83	—	21	715	291	2 009	146	45	1 818
Food service workers	—	—	21	21	—	355	—	—	49 647	569	—	—	—	—
Health service workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Personal service workers	—	17	21	—	—	64	43	—	266	86	71	52	—	19
Guards and watchmen	—	—	—	—	—	—	—	—	17	—	92	38	34	20
Other service workers, including private household	—	19	187	25	20	—	—	—	—	2 472	409	23	—	386
Female self-employed workers	917	464	16 292	2 954	37 544	64 779	11 236	28 016	86 061	112 481	40 649	1 384	7 598	31 667
Professional, technical, and kindred workers	287	24	341	53	605	78	75	301	457	4 706	685	65	168	452
Accountants	—	—	48	—	17	36	—	52	116	153	329	22	98	209
Computer specialists	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineers	26	—	21	—	—	20	—	—	—	50	—	—	—	20
Librarians, archivists, and curators	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—	—	16	—	—	—	—
Physicians, dentists, and related practitioners	18	24	—	—	24	—	—	—	—	1 668	15	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	—	47	—	—	—
Health technologists and technicians	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Social scientists	—	—	16	—	—	—	—	23	—	—	39	—	—	39
Social and recreation workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, except college and university	—	—	—	—	—	—	—	—	—	822	24	—	—	24
Engineering and science technicians	18	—	37	37	251	—	—	22	—	—	—	—	—	—
Technicians, exc. health, and engineering and science	225	—	165	16	168	22	17	168	300	1 423	19	21	68	19
Writers, artists, and entertainers	—	—	54	—	145	—	—	36	41	512	103	22	38	43
Other professional, technical, and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Managers and administrators, except farm	80	60	4 589	713	8 237	28 719	4 041	11 362	38 795	36 498	9 003	177	497	8 329
Buyers, purchasing agents, and sales managers	—	—	495	69	956	612	73	2 234	395	2 919	132	—	24	108
Other managers and administrators	80	60	4 094	644	7 281	28 107	3 968	9 128	38 400	33 579	8 871	177	473	8 221
Salaried	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Self-employed	80	60	4 094	644	7 281	28 107	3 968	9 128	38 400	33 579	8 871	177	473	8 221
Sales workers	17	—	3 954	525	25 922	19 124	1 128	11 831	1 652	42 396	21 916	76	4 249	17 591
Clerical and kindred workers	490	243	5 575	1 122	2 020	8 905	4 705	1 142	4 560	15 710	8 021	875	2 643	4 503
Billing clerks	—	—	23	—	22	—	—	—	—	104	—	—	—	—
Bookkeepers	—	—	3 088	829	1 040	2 105	3 445	903	2 105	8 953	1 852	175	631	1 046
Cashiers	—	—	64	44	236	5 838	137	121	2 095	24	—	24	—	—
Counter clerks, except food	—	—	69	—	56	44	—	—	19	152	—	—	—	—
File clerks	—	—	29	9	188	21	18	—	—	127	209	40	111	58
Office machine operators	—	—	—	—	—	—	—	—	—	—	60	60	—	—
Bookkeeping and billing machine operators	—	—	—	—	—	—	—	—	—	—	42	42	—	—
Keypunch operators	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

United States	Wholesale trade		Retail trade					Finance, insurance, and real estate						
	Transport, comm., and other public utilities—Con.	Utilities and sanitary services	Total	Food and farm products	General merchandise stores	Food stores	Auto-motive dealers and gasoline stations	Apparel and accessories stores	Eating and drinking places	Other retail trade	Total	Banking and credit agencies	Insurance	Other finance and real estate
TOTAL—Continued														
Female self-employed workers—Continued														
Clerical and kindred workers—Continued														
Payroll and timekeeping clerks	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Receptionists	—	20	16	—	—	—	—	—	21	16	—	—	—	62
Secretaries	66	888	130	—	—	93	524	60	110	1 308	—	127	1 082	958
Statistical clerks	—	75	—	—	162	20	38	—	—	39	—	—	33	—
Stenographers	—	—	—	—	52	—	—	—	—	20	—	—	66	—
Telephone operators	157	—	—	—	23	19	61	—	—	43	—	22	139	146
Typists	—	185	16	—	30	—	—	—	20	98	—	370	581	2 233
Other clerical and kindred workers	213	1 134	94	—	377	765	481	58	190	4 051	—	—	—	—
Craftsmen and kindred workers														
Foremen, n.e.c.	25	323	35	—	138	2 129	260	949	311	7 219	—	—	—	78
Mechanics and repairmen	25	85	—	—	617	91	41	102	145	238	—	—	—	19
Printing craftsmen	—	21	—	—	398	—	219	—	—	102	—	—	—	—
Other craftsmen	—	19	—	—	—	—	—	—	—	—	—	—	—	—
Operatives, except transport														
Assemblers	—	604	205	—	276	1 185	901	2 277	53	2 142	—	—	—	48
Bottling and canning operatives	—	45	21	—	—	—	—	—	—	17	—	—	—	—
Checkers, examiners, inspectors, manufacturing	—	21	—	—	—	—	—	—	—	—	—	—	—	—
Graders and sorters, manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except produce	144	307	77	—	—	288	—	—	19	—	—	—	—	—
Produce graders and packers, exc. factory and farm	48	21	48	—	—	21	—	—	—	—	—	—	—	—
Mixing operatives	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sewers and stitchers	—	200	—	—	19	20	—	63	—	98	—	—	—	26
Other specified operatives	—	5 185	19	—	135	439	834	2 128	34	1 649	—	15	—	—
Machine operatives, miscellaneous specified	—	383	—	—	38	204	23	27	—	80	—	—	—	—
Machine operatives, not specified	—	23	—	—	36	172	44	17	—	258	—	—	—	—
Miscellaneous operatives	—	84	40	—	48	41	—	42	—	40	—	—	—	22
Not specified operatives	—	215	—	—	—	—	—	—	—	—	—	—	—	—
Transport equipment operatives														
Deliverymen and roufemen	—	235	96	—	106	123	16	—	103	99	—	—	—	—
Other transport equipment operatives	—	203	96	—	106	123	—	—	103	43	—	—	—	—
Laborers, except farm														
Deliverymen and roufemen	—	386	93	—	46	3 994	—	22	93	556	—	—	—	88
Other laborers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Farm workers														
Service workers, except private household	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cleaning service workers	18	285	112	—	194	522	110	132	40 037	3 155	—	—	—	578
Cleaners and charwomen	—	17	—	—	22	—	15	—	123	88	—	—	—	394
Food service workers	—	—	—	—	—	—	—	—	97	66	—	—	—	184
Waiters and food counter workers	18	45	45	—	99	522	62	—	39 380	328	—	—	—	—
Health service workers	—	24	24	—	46	241	21	—	13 596	153	—	—	—	—
Personal service workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Protective service workers	—	63	18	—	73	—	22	132	514	319	—	—	—	75
Other protective service workers	—	—	—	—	—	—	—	—	20	—	—	—	—	—
Private household workers														
Deliverymen and roufemen	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other private household workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—

¹Includes allocated cases not shown separately.

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

United States	Professional and related services													
	Business services	Auto-mobile services	Other repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Hospitals			Educational and kindred services		Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
							Total	Hospitals	Health services, except hospitals	Government	Private			
TOTAL—Continued														
Female self-employed workers—Continued														
Clerical and kindred workers—Continued														
Payroll and timekeeping clerks	43	20		26										
Receptionists	32		21	139	937	74								
Secretaries	2 720	306	420	157	668	163								
Statistical clerks	101	61	16	38	18									
Stenographers	1 444			17										
Telephone operators	3 894		80	21		43								
Typists	3 340	95	2 200	61	378	231								
Other clerical and kindred workers	2 195	1 375	4 330	83	2 034	103								
Foremen, n.e.c.	116		66		108	46								
Mechanics and repairmen	35	1 243	730		88	38								
Printing craftsmen	41													
Operatives, except transport	1 028	179	1 149	121	33 628	85								
Assemblers														
Bottling and canning operatives														
Checkers, examiners, inspectors, manufacturing														
Graders and sorters, manufacturing														
Packers and wrappers, manufacturing														
Produce graders and packers, except produce														
Mixing operatives	19				24									
Sewers and stitchers														
Other specified operatives	119		79		628									
Machine operatives, miscellaneous specified	734	126	774	121	32 300	85								
Machine operatives, not specified	40				131									
Miscellaneous operatives	57	53	243		96									
Not specified operatives	59		53		449									
Transport equipment operatives														
Deliverymen and rouletmen	18	82	43		178	22								
Laborers, except farm														
Farm workers	36	83	68	108	376	101								
Service workers, except private household¹														
Cleaning service workers	3 728	45	1 342	29 599	169 129	938								
Cleaners and charwomen	2 539	22	22	1 761	272	20								
Food service workers	1 124	22		506	128	372								
Waiters and food counter workers				999	37	202								
Health service workers				171	21	113								
Personal service workers	297			153	22	11								
Protective service workers	671	23	511	26 686	155 676	439								
Private household workers	123					22								
					7 618	81								

¹Includes allocated cases not shown separately.

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text)

	Total, 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction		Manufacturing						Motor vehicles and motor vehicle equipment			
				Total	Special trade contractors	Total	Lumber and wood products, except furniture	Furniture and fixtures	Stone, clay, and glass products	Primary ferrous industries	Primary non-ferrous industries		Fabricated metal industries (including specified metal)	Machinery, except electrical	Electrical machinery, equipment, and supplies
United States	189 670	47 664	21	35 634	23 403	9 839	4 195	133	127	239	17	212	295	148	265
NEGRO															
Male self-employed workers	15 359	386		83	83	248	24					17			
Professional, technical, and kindred workers	595														
Accountants	271	170													
Architects	18														
Computer specialists	112	13													
Engineers															
Aeronautical and astronautical															
Chemical															
Civil	23														
Electrical and electronic	24														
Industrial	14														
Mechanical	51	13													
Other engineers															
Lawyers and judges	1 201														
Librarians, archivists, and curators															
Mathematical specialists															
Life and physical scientists	64	16				24									
Chemists	24														
Operations and systems researchers and analysts															
Personnel and labor relations workers	30														
Physicians, dentists, and related practitioners	5 494	9													
Dentists	1 850														
Pharmacists	503														
Physicians, medical and osteopathic	2 763														
Other related practitioners	378	9													
Registered nurses, dietitians, and therapists	224														
Health technologists and technicians	95														
Religious workers	1 969														
Social scientists	62														
Social and recreation workers															
Teachers, college and university	351														
Teachers, except college and university	150	24													
Driftsmen	79	24													
Technicians, exc. health, and eng. and science	35														
Electrical and electronic engineering technicians															
Industrial and mechanical engineering technicians															
Other engineering and science technicians	36														
Technicians, exc. health, and eng. and science	92	22													
Airplane pilots	22	22													
Embalmers	49														
Radio operators and air traffic controllers															
Other technicians, exc. health, and eng. and science	21														
Writers, artists, and entertainers	3 047	63		14	14	152						17			
Other professional, technical, and kindred workers	1 584	69		69	69	72	24								
Managers and administrators, except farm	26 632	330		4 694	1 849	1 173	604		19			19		10	
Buyers, purchasing agents, and sales managers	621	20		20	20										
Other managers and administrators	26 111	330		4 674	1 849	1 173	604		19			19		10	
Salaried															
Self-employed	26 111	330		4 674	1 849	1 173	604		19			19		10	
Sales workers	7 794	20		33	20	165	25								
Newsboys	68					13									
Other specified sales workers	2 926			13		36									
Salesmen and sales clerks, n.e.c.	4 800	20		20	20	116	25								

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text)

	Total, 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction		Manufacturing						Motor vehicles and motor vehicle equipment	
				Total	Special trade contractors	Lumber and wood products, except furniture	Furniture and fixtures	Stone, clay, and glass products	Primary ferrous industries	Primary non-ferrous industries	Fabricated metal industries (including not specified metal)		Machinery, except electrical	Electrical machinery, equipment, and supplies
United States													
NEGRO—Continued													
Male self-employed workers—Continued													
Laborers, except farm													
Construction laborers	17 420	9 828	—	304	84	2 523	—	31	—	—	—	—	18
Freight, stock, and material handlers	71	48	—	71	—	—	—	—	—	—	—	—	—
Vehicle washers and equipment cleaners	2 038	25	—	—	—	31	—	14	—	—	—	—	18
Other specified laborers	574	—	—	20	—	—	—	—	—	—	—	—	—
Miscellaneous laborers	13 395	9 700	—	165	36	2 447	—	—	—	—	—	—	—
Not specified laborers	639	18	—	48	—	16	—	—	28	—	—	—	—
	703	85	—	—	—	29	—	17	11	—	—	—	—
Farm workers	36 588	36 588	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household													
Cleaning service workers	19 606	82	—	125	38	—	—	—	—	—	—	—	21
Food service workers	4 226	61	—	103	38	—	—	—	—	—	—	—	21
Health service workers	1 731	—	—	—	—	—	—	—	—	—	—	—	—
Personal service workers	128	—	—	—	—	—	—	—	—	—	—	—	—
Guards and watchmen	10 371	—	—	—	—	—	—	—	—	—	—	—	—
Other service workers, including private household	42	21	—	22	—	—	—	—	—	—	—	—	—
	3 108	—	—	—	—	1 56	—	—	—	—	—	—	—
Female self-employed workers	64 045	4 984	13	406	311	1 507	104	19	13	11	60	90	61
Professional, technical, and kindred workers													
Accountants	5 541	—	—	—	—	—	—	—	—	—	—	—	—
Computer specialists	87	—	—	—	—	—	—	—	—	—	—	—	—
Engineers	—	—	—	—	—	—	—	—	—	—	—	—	—
Librarians, archivists, and curators	16	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—	—	—
Physicians, dentists, and related practitioners	454	—	—	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	2 270	—	—	—	—	—	—	—	—	—	—	—	—
Health technologists and technicians	21	—	—	—	—	—	—	—	—	—	—	—	—
Social scientists	12	—	—	—	—	—	—	—	—	—	—	—	—
Social and recreation workers	71	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, except college and university	1 197	—	—	—	—	—	—	—	—	—	—	—	—
Engineering and science technicians	—	—	—	—	—	—	—	—	—	—	—	—	—
Technicians, exc. health, and engineering and science	—	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	496	—	—	—	—	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	917	—	—	—	—	—	—	—	—	—	—	—	—
Managers and administrators, except farm	8 543	—	—	114	61	149	19	—	—	—	25	—	—
Buyers, purchasing agents, and sales managers	127	—	—	—	—	—	—	—	—	—	—	—	—
Other managers and administrators	8 416	—	—	114	61	149	19	—	—	—	25	—	—
Salaried	—	—	—	—	—	—	—	—	—	—	—	—	—
Self-employed	8 416	—	—	114	61	149	19	—	—	—	25	—	—
Sales workers	3 937	44	—	—	—	—	—	13	—	—	—	—	—
Clerical and kindred workers	3 217	9	—	75	54	226	—	—	—	—	—	—	41
Billing clerks	—	—	—	—	—	—	—	—	—	—	—	—	—
Bookkeepers	763	—	—	19	19	35	—	—	—	—	—	—	—
Cashiers	614	—	—	—	—	41	—	—	—	—	—	—	—
Counter clerks, except food	37	—	—	—	—	—	—	—	—	—	—	—	—
File clerks	19	—	—	—	—	—	—	—	—	—	—	—	—
Office machine operators	58	—	—	—	—	—	—	—	—	—	—	—	—
Bookkeeping and billing machine operators	—	—	—	—	—	—	—	—	—	—	—	—	—
Keypunch operators	58	—	—	—	—	—	—	—	—	—	—	—	—

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text)

	Total, 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction		Manufacturing											
				Total	Special trade contractors	Lumber and wood products, except furniture fixtures	Stone, clay, and glass prod- ucts	Primary ferrous indus- tries	Primary non- ferrous indus- tries	Fabricated metal industries (including not specified metal)	Machin- ery, except electrical	Electrical machin- ery, equip- ment, and supplies	Motor vehicles and motor vehicle equip- ment				
United States																	
NEGRO—Continued																	
Female self-employed workers—Continued																	
Clerical and kindred workers—Continued																	
Payroll and timekeeping clerks	84	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Receptionists	315	—	—	—	56	—	—	—	—	—	—	—	—	—	—	—	—
Secretaries	84	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Statistical clerks	39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Stenographers	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Telephone operators	182	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Typists	1 004	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other clerical and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Craftsmen and kindred workers	1 237	33	13	199	178	20	—	—	—	—	—	—	—	—	—	—	—
Foremen, n.e.c.	73	33	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mechanics and repairmen	306	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Printing craftsmen	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Operatives, except transport	4 478	—	—	18	18	—	—	—	—	—	—	—	—	—	—	—	—
Assemblers	80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Boning and canning operatives	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Checkers, examiners, inspectors, manufacturing	37	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Graders and sorters, manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except produce	105	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Produce graders and packers, exc. factory and farm	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mixing operatives	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sewers and stitchers	342	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other specified operatives	3 514	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Machine operatives, miscellaneous specified	130	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Machine operatives, not specified	23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Miscellaneous operatives	176	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Not specified operatives	71	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Transport equipment operatives	742	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Deliverymen and roulemen	70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Laborers, except farm	728	137	—	—	—	84	—	—	—	—	—	—	—	—	—	—	—
Farm workers	4 717	4 717	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, except private household¹	29 425	44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cleaning service workers	1 218	44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cleaners and charwomen	813	28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Food service workers	2 838	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Waiters and food counter workers	2 797	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health service workers	2 277	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Personal service workers	19 378	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Protective service workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Private household workers	1 480	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

¹Includes allocated cases not shown separately.

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

United States	Manufacturing—Con.										Transportation, communications, and other public utilities					
	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other non-durable goods	Total ¹	Railroads and railway express service	Trucking service and warehousing	Other transportation
NEGRO—Continued																
Male self-employed workers	69	188	47	1 339	452	223	212	107	633	180	81	677	14 496	—	7 914	3 909
Professional, technical, and kindred workers	—	—	—	48	—	—	16	—	119	24	—	—	70	—	—	36
Accountants	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architects	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Computer specialists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aeronautical and astronautical	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chemical	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Civil	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Electrical and electronic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mechanical	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other engineers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lawyers and judges	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Librarians, archivists, and curators	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mathematical specialists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chemists	—	—	—	—	—	—	—	—	—	24	—	—	—	—	—	—
Operations and systems researchers and analysts	—	—	—	—	—	—	—	—	—	24	—	—	—	—	—	—
Personnel and labor relations workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Physicians, dentists, and related practitioners	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dentists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pharmacists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Physicians, medical and osteopathic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other related practitioners	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health technologists and technicians	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Religious workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Social and recreation workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, college and university	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, except college and university	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineering and science technicians	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Draftsmen	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Electrical and electronic engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other engineering and science technicians	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Technicians, exc. health, and eng. and science	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Airplane pilots	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Embalmers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Radio operators and air traffic controllers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other technicians, exc. health, and eng. and science	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	—	—	—	48	—	—	16	—	119	—	—	—	—	—	—	—
Managers and administrators, except farm	34	22	22	265	15	—	18	—	129	14	—	24	1 182	—	867	124
Buyers, purchasing agents, and sales managers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other managers and administrators	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Salaries	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Self-employed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sales workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Newsboys	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other specified sales workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Salesmen and sales clerks, n.e.c.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

¹Includes allocated cases not shown separately.

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

	Manufacturing—Con.										Transportation, communications, and other public utilities					
	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other non-durable goods	Total	Railroads and railway express service	Trucking service and warehousing	Other transportation
United States																
NEGRO — Continued																
Male self-employed workers — Continued																
Clerical and kindred workers																
Bookkeepers				57												
Cashiers																
Estimators and investigators, n.e.c.																
Office machine operators																
Secretaries, stenographers, and typists				19							19			59		
Shipping and receiving clerks																
Stack clerks and storekeepers				38										39		32
Other clerical and kindred workers																
Craftsmen and kindred workers																
Construction craftsmen																
Brickmasons and stonemasons					103											
Carpenters					23											
Electricians																
Excavating, grading and road machine operators					23											
Painters (const. & maint.), plasterers, & paperhangers																
Plumbers and pipefitters																
Other construction craftsmen																
Foremen, n.e.c.																
Mechanics and repairmen																
Automobile, including body																
Metal craftsmen, except mechanics																
Machinists, job setters, and toolmakers																
Blacksmiths, forgers, hammermen, boilermakers																
Other metal craftsmen																
Printing craftsmen																
Stationary engineers and power station operators					80											
Other craftsmen and kindred workers				245												
Operatives, except transport																
Assemblers	30	64		278	158	67	88									22
Checkers, examiners, and inspectors, manufacturing																
Filers, polishers, sanders, and buffers																
Painters, manufactured articles																
Precision machine operatives																
Drill press operatives																
Grinding machine operatives																
Lathe and milling machine operatives																
Precision machine operatives, n.e.c.																
Punch and stamping press operatives																
Solders																
Stationary firemen																
Welders and flame-cutters					59	67	88									
Other specified operatives	24			251	167											
Machine operatives, miscellaneous specified				27												
Machine operatives, not specified																
Miscellaneous operatives					21											
Not specified operatives																
Transport equipment operatives																
Deliverymen and roublers				103	80		19							5 750		3 556
Fork lift and tow motor operatives				23	16									77		21
Truck drivers				36	22		19							5 647		3 471
Other transport equipment operatives				44	19									26		

¹Includes allocated cases not shown separately.

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text)

	Manufacturing—Con.										Transportation, communications, and other public utilities					
	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other non-durable goods	Total	Railroads and railway express service	Trucking service and warehousing	Other transportation
United States																
NEGRO—Continued																
Male self-employed workers—Continued																
Laborers, except farm																
Construction laborers				298	41		26				38	35		1 098		49
Freight, stock, and material handlers					24		26							1 044		12
Vehicle washers and equipment cleaners												16		54		37
Other specified laborers				228							18					
Miscellaneous laborers				70	17						20	19				
Not specified laborers																
Farm workers																
Service workers, including private household				45	55	17						155		20		70
Cleaning service workers					32	17						26		20		24
Food service workers					23									20		20
Health service workers																
Personal service workers				18												26
Guards and watchmen																
Other service workers, including private household				27								129				
Female self-employed workers	30		21	156	113	40	310	31	108	53	15	272		251		537
Professional, technical, and kindred workers																
Accountants									16							
Computer specialists																
Engineers																
Librarians, archivists, and curators																
Life and physical scientists																
Physicians, dentists, and related practitioners																
Registered nurses, dietitians, and therapists									16							
Health technologists and technicians																
Social scientists																
Social and recreation workers																
Teachers, except college and university																
Engineering and science technicians																
Technicians, exc. health, and engineering and science													20			
Writers, artists, and entertainers																
Other professional, technical, and kindred workers				13	22				43			27				
Managers and administrators, except farm																
Buyers, purchasing agents, and sales managers				13	22				43			27				
Other managers and administrators				13	22				43			27				
Salaried																
Self-employed																
Sales workers				48	18				16			68		48		58
Clerical and kindred workers																
Billing clerks																
Bookkeepers																
Cashiers																
Counter clerks, except food																
File clerks																
Office machine operators																
Bookkeeping and billing machine operators																
Keypunch operators																

Includes allocated cases not shown separately.

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970 — Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text)

	Manufacturing—Con.										Transportation, communications, and other public utilities					
	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other non-durable goods	Total ¹	Railroads and railway express service	Trucking service and warehousing	Other transportation
United States																
NEGRO — Continued																
Female self-employed workers—Continued																
Clerical and kindred workers—Continued																
Payroll and timekeeping clerks																
Receptionists																
Secretaries																
Statistical clerks																
Stenographers																
Telephone operators																
Typists																
Other clerical and kindred workers																
Craftsmen and kindred workers																
Foremen, n.e.c.																
Mechanics and repairmen																
Printing craftsmen																
Operatives, except transport																
Assemblers																
Battling and canning operatives																
Checkers, examiners, inspectors, manufacturing																
Graders and sorters, manufacturing																
Packers and wrappers, except produce																
Produce graders and packers, exc. factory and farm																
Mixing operatives																
Sawers and stitchers																
Other specified operatives																
Machine operatives, miscellaneous specified																
Machine operatives, not specified																
Miscellaneous operatives																
Not specified operatives																
Transport equipment operatives																
Deliverymen and routemen																
Laborers, except farm																
Farm workers																
Service workers, except private household ¹																
Cleaning service workers																
Cleaners and charwomen																
Food service workers																
Waiters and food counter workers																
Health service workers																
Personal service workers																
Protective service workers																
Private household workers																

¹Includes allocated cases not shown separately.

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text.]

	Transport., comm., and other public utilities—Con.		Wholesale trade		Retail trade					Finance, insurance, and real estate				
	Com-muni-cations	Utilities and sanitary services	Total	Food and farm products	General merchandise stores	Food stores	Auto-motive dealers and gasoline stations	Apparel and accessories stores	Eating and drinking places	Other retail trade	Total	Banking and credit agencies	Insurance	Other finance and real estate
United States														
NEGRO—Continued														
Male self-employed workers														
Professional, technical, and kindred workers														
Accountants	35	528	3 932	477	865	6 299	3 912	811	5 385	7 004	3 481	115	604	2 762
Architects	13	—	27	—	—	—	—	16	80	564	40	22	18	—
Computer specialists	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aeronautical and astronautical	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chemical	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Civil	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Electrical and electronic	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mechanical	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other engineers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lawyers and judges	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Librarians, archivists, and curators	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mathematical specialists	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chemists	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Operations and systems researchers and analysts	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Personnel and labor relations workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Physicians, dentists, and related practitioners	—	—	27	—	—	—	—	—	—	495	18	—	18	—
Dentists	—	—	27	—	—	—	—	—	—	457	18	—	18	—
Pharmacists	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Physicians, medical and osteopathic	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other related practitioners	—	—	—	—	—	—	—	—	—	38	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health technologists and technicians	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Religious workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Social and recreation workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, college and university	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, except college and university	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineering and science technicians	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Draftsmen	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Electrical and electronic engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other engineering and science technicians	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Technicians, exc. health, and eng. and science	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Airplane pilots	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Embalmers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Radio operators and air traffic controllers	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other technicians, exc. health, and eng. and science	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	13	—	—	—	—	—	—	16	80	—	—	—	—	—
Other professional, technical, and kindred workers	—	—	—	—	—	—	—	—	—	69	—	—	—	—
Managers and administrators, except farm	63	1 255	1 200	80	252	3 729	2 227	219	3 242	2 531	510	—	13	497
Buyers, purchasing agents, and sales managers	—	84	398	43	62	73	44	—	97	122	—	—	—	—
Other managers and administrators	—	63	1 171	37	190	3 656	2 183	219	3 145	2 409	510	—	13	497
Self-employed	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Self-employed	—	63	1 171	37	190	3 656	2 183	219	3 145	2 409	510	—	13	497
Sales workers	—	594	4 839	80	492	1 602	307	174	228	2 036	1 951	—	478	1 473
Newsboys	—	—	55	—	34	—	—	—	—	21	—	—	—	—
Other specified sales workers	—	51	858	—	245	—	—	—	—	613	1 951	—	478	1 473
Salesmen and sales clerks, n.e.c.	—	543	3 926	80	213	1 602	307	174	228	1 402	—	—	—	—

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text)

	Transport, comm., and other public utilities—Con.		Wholesale trade		Retail trade					Finance, insurance, and real estate					
	Com-muni-cations	Utilities and sanitary services	Total	Food and farm prod-ucts	Total	General merchan-dise stores	Food stores	Auto-motive dealers and gasoline stations	Apparel and acces-sories stores	Eating and drinking places	Other retail trade	Total	Banking and credit agencies	Insur-ance	Other finance and real estate
United States															
NEGRO—Continued															
Male self-employed workers—Continued															
Clerical and kindred workers															
Bookkeepers															
Cashiers															
Estimators and investigators, n.e.c.															
Office machine operators															
Secretaries, stenographers, and typists															
Shipping and receiving clerks															
Stock clerks and storekeepers															
Other clerical and kindred workers															
Craftsman and kindred workers															
Construction craftsmen															
Brickmasons and stonemasons															
Carpenters															
Electricians															
Excavating, grading and road machine operators															
Painters (const. & maint.), plasterers, & paperhangers															
Plumbers and pipefitters															
Other construction craftsmen															
Foremen, n.e.c.															
Mechanics and repairmen															
Automobile, including body															
Metal craftsmen, except mechanics															
Machinists, job setters, and toolmakers															
Blacksmiths, forgers, hammermen, boiler-makers															
Other metal craftsmen															
Printing craftsmen															
Stationary engineers and power station operators															
Other craftsmen and kindred workers															
Operators, except transport															
Assemblers															
Checkers, examiners, and inspectors, manufacturing															
Filers, polishers, sanders, and buffers															
Painters, manufactured articles															
Precision machine operatives															
Drill press operatives															
Grinding machine operatives															
Lathe and milling machine operatives															
Precision machine operatives, n.e.c.															
Punch and stamping press operatives															
Solders															
Stationary firemen															
Welders and flame-cutters															
Other specified operatives															
Machine operatives, miscellaneous specified															
Machine operatives, not specified															
Miscellaneous operatives															
Not specified operatives															
Transport equipment operatives															
Deliverymen and rouletmen															
Fork lift and low motor operatives															
Truck drivers															
Other transport equipment operatives															

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text.]

	Transport., comm., and other public utilities—Con.		Wholesale trade		Retail trade					Finance, insurance, and real estate					
	Com-muni-cations	Utilities and sanitary services	Total	Food and farm products	Total	General merchandise stores	Food stores	Auto-motive dealers and gasoline stations	Apparel and accessories stores	Eating and drinking places	Other retail trade	Total	Banking and credit agencies	Insurance	Other finance and real estate
United States															
NEGRO—Continued															
Male self-employed workers—Continued															
Laborers, except farm															
Construction laborers	22	335	769	98	545	—	261	75	—	—	209	134	—	—	134
Freight, stock, and material handlers	—	314	180	75	303	—	229	—	—	—	74	—	—	—	—
Vehicle washers and equipment cleaners	—	7	—	—	75	—	—	75	—	—	—	—	—	—	—
Other specified laborers	22	136	158	—	66	—	—	—	—	—	66	94	—	—	94
Miscellaneous laborers	—	14	390	—	32	—	32	—	—	—	13	13	—	—	13
Not specified laborers	—	—	41	23	69	—	—	—	—	—	69	27	—	—	27
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	—	—	—	—	2 131	—	89	—	—	1 607	435	355	33	30	292
Cleaning service workers	—	—	—	—	94	—	23	—	—	48	23	293	33	30	230
Food service workers	—	—	—	—	1 585	—	48	—	—	1 537	—	—	—	—	—
Health service workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Personal service workers	—	—	—	—	40	—	18	—	—	22	—	—	—	—	—
Guards and watchmen	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other service workers, including private household	—	—	—	—	412	—	—	—	—	—	412	62	—	—	62
Female self-employed workers	38	77	523	—	14 191	732	3 686	306	490	5 792	3 185	1 158	71	36	1 051
Professional, technical, and kindred workers	20	—	—	—	172	—	—	—	—	50	122	21	—	—	21
Accountants	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Computer specialists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Librarians, archivists, and curators	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Physicians, dentists, and related practitioners	—	—	—	—	101	—	—	—	—	—	101	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health technologists and technicians	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Social and recreation workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, except college and university	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineering and science technicians	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Technicians, exc. health, and engineering and science	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	20	—	—	—	50	—	—	—	—	50	—	—	—	—	—
Other professional, technical, and kindred workers	—	—	—	—	21	—	—	—	—	—	21	—	—	—	—
Managers and administrators, except farm	—	—	116	—	5 889	108	1 853	127	95	2 798	908	304	—	—	304
Buyers, purchasing agents, and sales managers	—	—	22	—	105	—	—	19	—	66	20	—	—	—	—
Other managers and administrators	—	—	94	—	5 784	108	1 853	108	95	2 732	888	304	—	—	304
Salaries	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Self-employed	—	—	94	—	5 784	108	1 853	108	95	2 732	888	304	—	—	304
Sales workers	—	—	161	—	3 063	492	1 080	—	195	159	1 137	581	—	18	563
Clerical and kindred workers	18	17	94	—	1 217	43	445	127	20	171	411	124	41	—	83
Billing clerks	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bookkeepers	—	—	—	—	340	27	35	—	—	91	60	—	—	—	—
Cashiers	—	—	—	—	509	—	368	127	—	61	80	—	—	—	—
Counter clerks, except food	—	—	—	—	16	16	—	—	—	—	—	—	—	—	—
File clerks	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Office machine operators	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bookkeeping and billing machine operators	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Key-punch operators	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

United States	Business services	Auto-mobile services	Other repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Professional and related services					Public administration	
							Health services, except hospitals		Educational and kindred services		Welfare, religious, nonprofit organizations		Other professional and related services
							Total	Hospitals	Government	Private			
Male self-employed workers													
Professional, technical, and kindred workers													
Accountants	5 093	6 543	4 766	657	18 148	2 810	12 310	404	5 443	—	688	2 178	3 597
Architects	415	—	99	—	574	1 842	10 915	260	4 991	—	450	1 974	3 240
Computer specialists	44	—	—	—	—	—	529	—	—	—	—	—	529
Engineers	18	—	—	—	—	—	83	—	—	—	—	—	83
Engineers	18	—	—	—	—	—	75	—	—	—	—	—	75
Other professional, technical, and kindred workers	24	—	—	—	—	—	—	—	—	—	—	—	—
Aeronautical and astronautical	—	—	—	—	—	—	—	—	—	—	—	—	—
Chemical	—	—	—	—	—	—	—	—	—	—	—	—	—
Civil	—	—	—	—	—	—	23	—	—	—	—	—	23
Electrical and electronic	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial	24	—	—	—	—	—	—	—	—	—	—	—	—
Mechanical	—	—	—	—	—	—	14	—	—	—	—	—	14
Other engineers	—	—	—	—	—	—	38	—	—	—	—	—	38
Lawyers and judges	19	—	—	—	—	—	1 182	—	—	—	—	—	1 182
Librarians, archivists, and curators	—	—	—	—	—	—	—	—	—	—	—	—	—
Mathematical specialists	—	—	—	—	—	—	24	—	—	—	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	24	—	—	—	—	—
Chemists	—	—	—	—	—	—	—	—	—	—	—	—	—
Operations and systems researchers and analysts	—	—	—	—	—	—	—	—	—	—	—	—	—
Personnel and labor relations workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Physicians, dentists, and related practitioners	30	—	—	—	—	—	—	—	—	—	—	—	—
Dentists	—	—	—	—	—	—	—	—	—	—	—	—	—
Pharmacists	—	—	—	—	—	—	—	—	—	—	—	—	—
Physicians, medical and osteopathic	—	—	—	—	—	—	—	—	—	—	—	—	—
Other related practitioners	—	—	—	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	—	—	—	—
Health technologists and technicians	—	—	—	—	—	—	—	—	—	—	—	—	—
Religious workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Social scientists	19	—	—	—	—	—	—	—	—	—	—	—	—
Other professional, technical, and kindred workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, college and university	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, except college and university	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineering and science technicians	36	—	35	—	—	—	351	—	—	—	351	—	—
Draftsmen	19	—	—	—	—	—	19	—	—	—	19	—	—
Electrical and electronic engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—
Other engineering and science technicians	17	—	—	—	—	—	19	—	—	—	19	—	—
Technicians, exc. health, and eng. and science	—	—	—	—	—	—	—	—	—	—	—	—	—
Airplane pilots	—	—	21	—	49	—	—	—	—	—	—	—	—
Embalmers	—	—	—	—	49	—	—	—	—	—	—	—	—
Radio operators and air traffic controllers	—	—	—	—	—	—	—	—	—	—	—	—	—
Other technicians, exc. health, and eng. and science	—	—	—	—	—	—	—	—	—	—	—	—	—
Writers, artists, and entertainers	207	—	26	—	405	1 521	550	—	—	—	—	—	511
Other professional, technical, and kindred workers	—	—	17	—	120	305	842	—	—	—	39	—	842
Managers and administrators, except farm	646	630	231	300	2 454	726	301	—	131	—	112	20	38
Buyers, purchasing agents, and sales managers	—	—	—	—	—	—	—	—	—	—	—	—	—
Other managers and administrators	646	630	231	300	2 454	726	282	—	112	—	112	20	38
Salaries	—	—	—	—	—	—	—	—	—	—	—	—	—
Self-employed	646	630	231	300	2 454	726	282	—	112	—	112	20	38
Sales workers	17	46	—	31	27	—	21	—	—	—	—	—	21
Newsboys	—	—	—	—	—	—	—	—	—	—	—	—	—
Other specified sales workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Salesmen and sales clerks, n.e.c.	17	46	—	31	27	—	21	—	—	—	—	—	21

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

	Business services	Auto-mobile services	Other repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Professional and related services								
							Total	Hospitals	Health services, except hospitals	Educational and kindred services		Welfare, religious, and nonprofit membership organizations	Other professional and related services		
										Government	Private				
United States															
NEGRO—Continued															
Male self-employed workers—Continued															
Clerical and kindred workers															
Bookkeepers	89	20	44	22	115	40	180	18	30	43	89				
Cashiers	22	20	17	22	17	—	59	—	—	—	59				
Estimators and investigators, n.e.c.	—	—	—	—	19	40	—	—	—	—	—				
Office machine operators	—	—	—	—	—	—	—	—	—	—	—				
Secretaries, stenographers, and typists	20	—	—	—	18	—	18	18	—	43	—				
Shipping and receiving clerks	—	—	—	—	—	—	—	—	—	—	—				
Stock clerks and storekeepers	—	—	—	—	—	—	—	—	—	—	—				
Other clerical and kindred workers	47	—	44	—	61	—	60	—	30	—	30				
Craftsmen and kindred workers															
Construction craftsmen	504	5 019	3 400	49	1 564	63	230	139	17	53	21				
Brickmasons and stonemasons	84	16	42	16	60	20	66	23	17	26	—				
Carpenters	20	—	—	—	38	20	—	—	—	—	—				
Electricians	25	—	42	—	—	—	17	—	17	—	—				
Excavating, grading and road machine operators	18	16	—	—	—	—	23	23	—	—	—				
Painters (const. & maint.), plasterers, & paperhangers	21	—	—	16	22	—	26	—	—	26	—				
Plumbers and pipefitters	—	—	—	—	—	—	—	—	—	—	21				
Other construction craftsmen	36	—	—	33	—	—	21	—	—	—	—				
Foremen, n.e.c.	67	5 003	1 921	—	—	17	—	—	—	—	—				
Mechanics and repairmen	—	4 955	106	—	—	17	—	—	—	—	—				
Automobile, including body	—	—	40	—	—	—	—	—	—	—	—				
Metal craftsmen, except mechanics	—	—	40	—	—	—	—	—	—	—	—				
Machinists, job setters, and toolmakers	—	—	40	—	—	—	—	—	—	—	—				
Blacksmiths, forgers, hammermen, boilermakers	—	—	—	—	—	—	—	—	—	—	—				
Other metal craftsmen	—	—	—	—	—	—	—	—	—	—	—				
Printing craftsmen	—	—	—	—	—	—	—	—	—	—	—				
Stationary engineers and power station operators	317	—	1 397	—	1 504	26	143	116	—	27	22				
Other craftsmen and kindred workers	86	213	229	—	1 140	22	41	19	—	—	—				
Operatives, except transport															
Assemblers	—	—	—	—	—	—	—	—	—	—	—				
Checkers, examiners, and inspectors, manufacturing	—	—	—	—	—	—	—	—	—	—	—				
Filers, polishers, sanders, and buffers	—	—	—	—	—	—	—	—	—	—	—				
Painters, manufactured articles	—	110	26	—	—	—	—	—	—	—	—				
Precision machine operatives	—	—	—	—	—	—	—	—	—	—	—				
Drill press operatives	—	—	—	—	—	—	—	—	—	—	—				
Grinding machine operatives	—	—	—	—	—	—	—	—	—	—	—				
Lathe and milling machine operatives	—	—	26	—	—	—	—	—	—	—	—				
Precision machine operatives, n.e.c.	—	—	—	—	—	—	—	—	—	—	—				
Punch and stamping press operatives	—	—	—	—	—	—	—	—	—	—	—				
Solders	—	—	—	—	—	—	—	—	—	—	—				
Stationary firemen	—	—	104	—	—	—	—	—	—	—	—				
Welders and flame-cutters	23	21	99	—	1 115	—	41	19	—	—	22				
Other specified operatives	—	36	—	—	25	—	—	—	—	—	—				
Machine operatives, miscellaneous specified	—	46	—	—	—	22	—	—	—	—	—				
Machine operatives, not specified	63	—	—	—	—	—	—	—	—	—	—				
Miscellaneous operatives	—	—	—	—	—	—	—	—	—	—	—				
Not specified operatives	—	—	—	—	—	—	—	—	—	—	—				
Transport equipment operatives															
Deliverymen and roulemen	82	148	—	14	167	—	59	38	21	—	—				
Fork lift and tow motor operatives	—	—	—	—	29	—	—	—	—	—	—				
Truck drivers	18	98	—	—	28	—	16	16	—	—	—				
Other transport equipment operatives	64	50	—	14	110	—	43	22	21	—	—				

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text.]

United States	Professional and related services										
	Business services	Auto-mobile services	Other repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Educational and kindred services		Welfare, religious, and nonprofit membership organizations	Other professional and related services	Public administration
							Government	Private			
	Total	Hospitals	Health services, except hospitals								
Male self-employed workers—Continued											
Labors, except farm											
Construction laborers	134	467	204	16	104	—	76	—	—	—	38
Freight, stock, and material handlers	—	24	—	—	—	—	—	—	—	—	—
Vehicle washers and equipment cleaners	—	404	—	—	31	—	—	—	—	—	—
Other specified laborers	—	19	139	—	9	—	56	—	—	—	38
Miscellaneous laborers	44	—	43	—	64	—	20	—	—	—	—
Not specified laborers	90	20	22	16	—	—	—	—	—	—	—
Farm workers	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	3 120	—	559	225	12 003	117	487	125	88	88	128
Cleaning service workers	3 019	—	13	41	229	24	190	24	21	49	55
Food service workers	—	—	—	49	14	—	40	40	—	—	—
Health service workers	—	—	—	—	—	—	128	61	67	—	—
Personal service workers	—	—	—	135	9 979	93	80	—	—	39	24
Guards and watchmen	42	—	—	—	—	—	49	—	—	—	49
Other service workers, including private household	59	—	546	—	1 781	—	—	—	—	—	—
Female self-employed workers	1 112	311	634	2 492	25 587	542	9 604	1 110	4 537	565	1 550
Professional, technical, and kindred workers	206	—	—	18	60	386	4 642	317	2 235	194	750
Accountants	27	—	—	—	—	—	39	—	—	—	39
Computer specialists	—	—	—	—	—	—	—	—	—	—	—
Engineers	—	—	—	—	—	—	—	—	—	—	—
Librarians, archivists, and curators	—	—	—	—	—	—	16	—	—	—	16
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—
Physicians, dentists, and related practitioners	—	—	—	—	—	—	353	7	346	—	—
Registered nurses, dietitians, and therapists	71	—	—	—	—	—	2 199	289	1 889	21	—
Health technologists and technicians	—	—	—	—	—	—	21	21	—	—	—
Social scientists	—	—	—	—	—	—	12	—	—	—	—
Social and recreation workers	—	—	—	—	—	—	71	—	—	71	—
Teachers, except college and university	—	—	—	—	—	89	1 108	—	—	1 108	—
Engineering and science technicians	—	—	—	—	—	—	—	—	—	—	—
Technicians, exc. health, and engineering and science	87	—	—	18	45	165	95	—	—	22	47
Writers, artists, and entertainers	21	—	—	—	15	132	728	—	—	80	648
Other professional, technical, and kindred workers	—	—	—	—	—	—	—	—	—	—	—
Managers and administrators, except farm	77	13	64	313	832	54	618	—	310	16	40
Buyers, purchasing agents, and sales managers	—	—	—	—	—	—	—	—	—	—	—
Other managers and administrators	77	13	64	313	832	54	618	—	310	16	40
Salaried	—	—	—	—	—	—	—	—	—	—	—
Self-employed	77	13	64	313	832	54	618	—	310	16	40
Sales workers	—	—	22	—	35	—	—	—	—	—	—
Clerical and kindred workers	179	—	178	21	261	40	617	20	137	60	261
Billing clerks	—	—	—	—	—	—	—	—	—	—	—
Bookkeepers	19	—	40	—	61	27	201	—	29	—	120
Cashiers	—	—	—	—	17	—	20	20	—	—	—
Counter clerks, except food	—	—	—	21	—	—	—	—	—	—	—
File clerks	—	—	—	—	—	—	19	—	19	—	—
Office machine operators	31	—	—	—	—	—	27	—	—	—	—
Bookkeeping and billing machine operators	—	—	—	—	—	—	—	—	—	—	—
Keypunch operators	31	—	—	—	—	—	27	—	—	—	—

Table 6. Industry Group of Self-Employed Workers by Occupation, Race, and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

	Business services	Auto-mobile services	Other repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Professional and related services					Public administration		
							Total	Hospitals	Health services, except hospitals	Educational and kindred services			Welfare, religious, and nonprofit organizations	Other professional and related services
										Government	Private			
United States														
NEGRO—Continued														
Female self-employed workers—Continued														
Clerical and kindred workers—Continued														
Payroll and timekeeping clerks	—	—	—	—	62	—	22	—	—	—	—	—		
Receptionists	19	—	24	—	87	—	42	—	—	34	—	69		
Secretaries	39	—	—	—	—	—	—	—	—	26	—	—		
Statistical clerks	—	—	—	—	—	—	—	—	—	—	—	—		
Stenographers	—	—	—	—	—	—	—	—	—	—	—	—		
Telephone operators	71	—	114	—	34	13	20	20	—	—	—	72		
Other clerical and kindred workers	—	—	—	—	—	—	25	40	—	—	—	—		
Craftsmen and kindred workers	20	235	126	—	286	—	—	—	—	—	—	—		
Foremen, n.e.c.	20	—	—	—	—	—	—	—	—	—	—	—		
Mechanics and repairmen	—	235	24	—	—	—	—	—	—	—	—	—		
Printing craftsmen	—	—	—	—	—	—	—	—	—	—	—	—		
Operatives, except transport	19	—	35	—	3 126	—	106	—	—	34	—	22		
Assemblers	—	—	—	—	—	—	—	—	—	—	—	—		
Bottling and canning operatives	—	—	—	—	—	—	—	—	—	—	—	—		
Checkers, examiners, inspectors, manufacturing	—	—	—	—	—	—	—	—	—	—	—	—		
Graders and sorters, manufacturing	—	—	—	—	24	—	—	—	—	—	—	—		
Packers and wrappers, except produce	—	—	—	—	—	—	—	—	—	—	—	—		
Produce graders and packers, exc. factory and farm	—	—	—	—	—	—	—	—	—	—	—	—		
Mixing operatives	19	—	15	—	53	—	37	78	—	—	—	—		
Sewers and stitchers	—	—	—	—	2 980	—	110	88	—	19	—	22		
Other specified operatives	—	—	—	—	23	—	—	—	—	—	—	—		
Machine operatives, miscellaneous specified	—	—	—	—	—	—	—	—	—	—	—	—		
Machine operatives, not specified	—	—	20	—	34	—	15	—	—	15	—	—		
Miscellaneous operatives	—	—	—	—	12	—	—	—	—	—	—	—		
Not specified operatives	—	—	—	—	—	—	—	—	—	—	—	—		
Transport equipment operatives	—	20	—	—	—	—	—	—	—	—	—	—		
Deliverymen and routemen	—	—	—	—	—	—	—	—	—	—	—	—		
Laborers, except farm	—	43	—	23	—	—	—	—	—	—	—	—		
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—		
Service workers, except private household!	611	—	209	2 117	19 507	62	3 565	667	1 855	261	305	477		
Cleaning service workers	463	—	22	219	77	—	188	75	92	—	—	—		
Cleaners and charwomen	434	—	—	50	53	—	133	57	55	21	—	—		
Food service workers	—	—	—	59	—	22	82	62	20	—	—	—		
Waiters and food counter workers	—	—	—	—	—	22	—	—	—	—	—	—		
Health service workers	70	—	—	—	—	—	2 207	530	1 637	—	305	40		
Personal service workers	42	—	—	1 839	16 736	18	673	—	89	240	—	39		
Protective service workers	—	—	—	—	—	—	—	—	—	—	—	—		
Private household workers	—	—	—	—	1 480	—	—	—	—	—	—	—		

Includes allocated cases not shown separately.

Table 7. Last Industry of the Experienced Unemployed by Occupation and Sex: 1970

(Data based on 5-percent sample, see text. For meaning of symbols, see text)

United States	Agriculture, forestry, and fisheries		Mining	Construction		Manufacturing									
	Total, 16 years old and over	Male		Total	Special trade contractors	Lumber and wood products, except furniture and fixtures	Furniture and fixtures	Stone, clay, and glass products	Primary ferrous industries	Primary non-ferrous industries	Fabricated metal industries (including not specified metal)	Machinery, except electrical	Electrical machinery, equipment, and supplies	Motor vehicles and motor vehicle equipment	
Male experienced unemployed:	1 787 574	84 294	22 517	371 890	124 768	533 524	40 180	12 573	18 692	23 182	9 117	34 557	42 843	33 799	50 113
Professional, technical, and kindred workers	116 372	2 916	860	3 983	477	38 712	345	172	515	618	231	1 262	3 753	6 723	7 459
Accountants	5 382	46	72	276	31	1 556	41	—	42	120	39	80	217	178	127
Architects	754	163	—	68	—	42	—	—	—	—	—	—	—	—	—
Computer specialists	2 604	26	—	20	—	965	—	—	40	—	—	23	280	113	19
Engineers	23 089	55	274	1 475	153	15 611	44	121	88	83	88	496	1 514	3 061	510
Aeronautical and astronautical	3 287	—	—	18	—	2 983	—	49	—	—	—	20	—	96	—
Chemical	468	—	—	—	—	418	—	—	—	19	—	—	33	—	—
Civil	1 936	—	11	1 026	23	113	—	—	—	—	—	—	—	—	—
Electrical and electronic	4 808	—	—	82	12	3 573	23	—	21	39	—	21	192	1 866	39
Industrial	3 845	17	—	42	—	3 743	21	54	16	52	—	153	362	648	82
Mechanical	4 119	20	40	134	36	2 727	—	—	21	25	—	137	528	1 89	280
Other engineers	4 626	18	223	173	64	2 654	—	18	30	—	36	137	399	262	109
Lawyers and judges	872	—	—	21	—	61	—	—	—	—	—	—	43	—	—
Librarians, archivists, and curators	339	—	—	—	—	19	—	—	—	—	—	—	—	—	—
Mathematical specialists	321	—	—	—	—	56	—	—	—	—	—	—	—	9	—
Life and physical scientists	2 337	48	286	—	—	1 019	—	—	—	—	37	23	42	104	—
Chemists	1 304	—	48	—	—	851	—	—	—	—	37	50	42	60	—
Operations and systems researchers and analysts	1 594	—	—	20	—	1 270	—	—	—	—	20	70	42	117	21
Personnel and labor relations workers	2 761	19	—	85	24	930	56	14	22	20	—	65	83	117	64
Physicians, dentists, and related practitioners	1 636	54	—	—	—	41	—	—	—	—	—	—	—	—	—
Dentists	174	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pharmacists	712	—	—	—	—	18	—	—	—	—	—	—	—	—	—
Physicians, medical and osteopathic	570	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other related practitioners	180	54	—	—	—	23	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	692	—	—	62	20	62	—	—	—	—	—	—	—	—	20
Health technologists and technicians	745	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Religious workers	692	—	—	—	—	426	—	—	27	—	—	19	—	47	—
Social scientists	1 093	—	—	—	—	43	—	—	—	—	—	21	—	—	—
Social and recreation workers	2 697	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, college and university	2 242	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, except college and university	5 974	—	—	20	—	171	14	—	—	—	—	20	—	—	39
Engineering and science technicians	18 759	229	159	1 265	139	9 411	23	37	201	313	20	284	1 344	2 285	482
Draftsmen	7 620	36	20	520	60	3 477	23	37	60	53	27	264	710	582	241
Electrical and electronic engineering technicians	3 812	—	—	15	15	2 599	—	—	—	18	—	—	317	1 269	39
Industrial and mechanical engineering technicians	809	—	—	23	23	726	—	—	24	112	—	—	109	131	89
Other engineering and science technicians	6 488	193	139	707	41	2 609	—	—	117	130	27	20	208	303	113
Technicians, exc. health, and eng. and science	3 767	190	22	17	17	244	—	—	—	—	—	—	19	33	—
Airplane pilots	1 938	132	—	—	—	132	—	—	—	—	—	—	—	—	—
Embalmers	39	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Radio operators and air traffic controllers	914	58	—	—	—	18	—	—	—	—	—	—	—	18	—
Other technicians, exc. health, and eng. and science	876	—	—	—	—	94	—	—	—	—	—	—	19	15	—
Writers, artists, and entertainers	22 338	167	22	137	52	3 623	38	—	—	82	—	58	150	549	118
Other professional, technical, and kindred workers	15 414	1 919	47	517	58	3 162	129	—	95	—	—	53	19	110	59
Managers and administrators, except farm	68 684	778	410	10 220	2 494	12 624	791	177	362	152	155	847	962	1 685	364
Buyers, purchasing agents, and sales managers	8 506	20	56	208	83	2 807	38	36	33	64	21	197	198	498	58
Other managers and administrators	60 178	758	354	10 012	2 411	9 817	753	141	329	88	134	650	764	1 187	306
Salaried	48 227	445	312	6 489	1 459	8 833	322	127	242	88	134	631	742	1 187	306
Self-employed	11 951	313	42	3 523	952	984	431	14	87	—	—	19	22	—	—
Sales workers	73 288	185	103	1 129	325	11 603	109	188	191	83	87	364	542	488	34
Newsboys	3 719	—	—	—	—	3 507	—	—	—	—	—	—	—	—	—
Other specified sales workers	18 673	—	—	229	45	2 797	—	33	57	20	24	—	13	80	—
Salesmen and sales clerks, n.e.c.	50 846	185	103	900	280	5 299	109	155	134	63	63	364	529	408	—

¹Excludes 18,237 male and 85,103 female unemployed persons who last worked in 1959 or earlier, for whom industrial and occupational data were not collected.

Table 7. Last Industry of the Experienced Unemployed by Occupation and Sex: 1970 - Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

United States	Agriculture, forestry, and fisheries		Mining		Construction		Manufacturing							Electrical machinery, equipment, and supplies	Motor vehicles and motor vehicle equipment	
	Total, 16 years old and over	Male	Female	Total	Male	Female	Total	Special contractors	Lumber and wood products, except furniture and fixtures	Furniture and fixtures	Stone, clay, and glass products	Primary ferrous industries	Primary non-ferrous industries			Fabricated metal industries (including not specified metal)	Machinery, except electrical
Male experienced unemployed - Continued																
Bookkeepers	103 907	396	458	3 272	936	672	665	886	387	1 744	2 635	2 989	1 711			
Cashiers	5 614	33	70	462	123		85	25	18	111	114	46	73			
Estimators and investigators, n.e.c.	2 264			588	239			19		81	46	101	15			
Office machine operators	3 011		14	80	79			21			206	75	20			
Secretaries, stenographers, and typists	3 173	40	21	83	61		21	58		48	58	21	132			
Shipping and receiving clerks	13 702			90	21		115	187	204	720	590	766	363			
Stock clerks and storekeepers	14 270	25	68	313	156		70	90	22	199	531	786	576			
Other clerical and kindred workers	55 949	298	285	1 656	317		374	544	143	585	1 090	1 144	532			
Craftsman and kindred workers	437 190	2 130	3 007	214 731	92 540	3 195	2 128	4 939	1 703	6 474	9 626	4 746	6 453			
Construction craftsmen	213 282	971	1 303	177 014	82 273	810	525	967	283	1 178	797	619	988			
Brickmasons and stonemasons	16 049	55	40	15 033	8 346		169	217	17	82	43	175	151			
Carpenters	74 981	366	198	63 704	17 411	580	64	86	43	79	141	296	375			
Electricians	14 522		80	8 563	7 756	23	82	208	42	152	307	296	20			
Excavating, grading and road machine operators	32 996	452	838	27 797	2 860		104	106	26	80	18					
Painters (const. & maint.), plasterers, & paperhangers	33 251	38		26 147	22 524	207	19	128	65	275	182	134	277			
Plumbers and pipefitters	16 719		134	13 009	9 375		44	130	90	117	110	14	165			
Other construction craftsmen	24 744	60	13	22 761	14 001	54	43	92		393	39					
Foremen, n.e.c.	23 794	295	531	6 760	1 250	701	336	428	216	933	886	753	626			
Mechanics and repairmen	55 915	359	390	4 716	2 232	56	304	388	338	562	1 586	1 374	2 033			
Automobile, including body	21 988	68	56	4 439	59					25	133	22	1 376			
Metal craftsmen, except mechanics	33 688	37	119	4 923	3 371	351	281	919	651	3 251	5 961	1 469	2 098			
Machinists, job setters, and toolmakers	16 757	20	97	385	93	57	148	553	244	1 425	4 879	1 053	1 273			
Blacksmiths, forgers, hammermen, boiler-makers	2 376	17		631	331		20	322	39	322	118					
Other metal craftsmen	14 555		22	3 907	2 947	294	113	1 344	368	1 504	964	416	675			
Printing craftsmen	5 734			133	88	40	9	20		18	24					
Stationary engineers and power station operators	2 573	52	103	479	21	24	62	36		75	41	46	64			
Other craftsmen and kindred workers	102 204	416	561	20 706	3 285	1 884	620	1 181	215	457	331	406	644			
Operatives, except transport	349 739	1 969	13 216	22 229	7 663	10 879	7 613	9 299	4 684	18 293	20 926	13 492	33 930			
Assemblers	37 076	33		197	77	664	356	395	196	2 195	4 077	4 760	13 119			
Checkers, examiners, and inspectors, manufacturing	14 248					94	250	508	383	750	1 353	1 673	3 176			
Filers, polishers, sanders, and buffers	5 517			41	20	184	285	104	209	765	316	130	887			
Painters, manufactured articles	5 194					75	392	64	47	400	493	358	1 190			
Precision machine operatives	16 690	64	134	220	103	236	107	1 192	203	1 790	5 084	835	2 363			
Drill press operatives	3 342			44	21	44	44	119	16	413	1 296	199	508			
Grinding machine operatives	5 933	44	116	20	20	23	44	119	187	413	1 296	199	508			
Lathe and milling machine operatives	5 170	20	18	114	43	19	37	930	187	732	1 602	210	822			
Precision machine operatives, n.e.c.	2 245			42	19	53	16	97		458	1 439	210	614			
Punch and stamping press operatives	7 430		24	37		19	75	257		1 758	747	165	419			
Solders	391		21	22	22								2 303			
Stationary firemen	2 303	139	18	53		215	327	48			44	115	78			
Welders and flame-cutters	23 916	86	372	5 640	1 816	18	307	255	48	62	36	48	22			
Other specified operatives	151 940	530	12 629	12 113	4 712	5 015	1 969	966	122	2 661	2 129	487	3 686			
Machine operatives, miscellaneous specified	32 351	660		1 160	158	1 882	666	2 229	803	2 252	1 296	1 494	1 600			
Machine operatives, not specified	18 076	100		617	636	827	318	1 115	640	1 663	2 274	1 730	2 002			
Miscellaneous operatives	24 118	242	18	1 522	423	1 266	976	1 160	647	1 224	2 113	571	1 690			
Not specified operatives	10 489	115		607	217	774	69	725	313	599	541	473	652			
Transport equipment operatives	124 770	2 549	2 310	20 359	2 464	4 380	3 072	905	502	1 260	976	482	1 615			
Deliverymen and roulemen	20 381	284		470	169	55	239	40		192	188	22	117			
Fork lift and tow motor operatives	10 397	269	62	550	168	664	436	342	308	426	380	195	748			
Truck drivers	72 368	1 741	1 836	18 201	2 064	3 616	2 397	401	359	621	408	255	492			
Other transport equipment operatives	21 628	255	412	1 138	63	45		122	55	21			258			

Table 7. Last Industry of the Experienced Unemployed by Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

United States	Total, 16 years old and over	Agriculture, forestry, and fisheries	Mining	Construction		Manufacturing						Electrical machinery, equipment, and supplies	Motor vehicles and motor vehicle equipment	
				Total	Special trade contractors	Lumber and wood products, except furniture	Furniture and fixtures	Stone, clay, and glass products, except products	Primary ferrous industries	Primary non-ferrous industries	Fabricated metal industries (including specified metal)			Machinery, except electrical
Male experienced unemployed—Continued														
Laborers, except farm	282 833	14 836	1 803	93 192	17 446	16 876	1 063	3 725	5 079	986	3 395	2 063	1 959	2 990
Construction laborers	90 677	44	260	84 557	16 415	1 228	223	241	192	54	187	70	58	60
Freight, stock, and material handlers	78 686	467	893	1 875	687	3 668	556	1 404	716	229	1 301	946	1 270	328
Vehicle washers and equipment cleaners	9 100	—	81	81	22	—	20	32	56	17	171	164	41	255
Other specified laborers	61 422	13 400	142	6 368	322	10 844	44	37	166	—	142	94	137	134
Miscellaneous laborers	10 919	400	179	20	—	1 454	44	336	1 454	92	474	146	439	295
Not specified laborers	32 029	325	329	291	—	1 746	220	1 655	2 495	594	1 120	643	—	918
Farm workers	57 757	57 757	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	173 084	778	350	2 775	423	578	365	421	1 221	382	918	1 360	1 255	1 557
Cleaning service workers	53 699	327	284	1 291	307	247	274	345	1 063	346	731	1 154	1 092	1 264
Food service workers	64 334	133	23	1 127	—	21	—	—	—	—	—	33	53	46
Health service workers	4 519	18	—	20	—	17	—	—	—	—	—	20	21	—
Personal service workers	14 576	20	20	213	44	—	—	—	—	—	19	20	—	136
Guards and watchmen	9 397	123	23	494	22	253	67	76	108	—	69	112	61	—
Other service workers, including private household	26 559	157	—	630	50	40	24	—	50	36	99	41	28	111
Female experienced unemployed¹	1 375 045	25 713	1 666	14 549	5 845	5 671	9 938	7 214	2 251	3 257	17 565	17 794	61 114	14 505
Professional, technical, and kindred workers	98 726	370	148	726	167	9	63	194	90	114	59	541	1 414	107
Accountants	3 872	—	—	211	64	—	21	—	23	—	—	87	170	—
Computer specialists	1 273	—	41	—	—	—	—	—	—	—	—	82	103	—
Engineers	698	—	—	22	—	—	21	—	26	—	—	27	60	—
Librarians, archivists, and curators	1 484	—	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	621	—	—	22	—	—	—	—	—	—	—	—	—	—
Physicians, dentists, and related practitioners	14 181	22	—	20	—	—	—	—	—	—	21	—	—	60
Registered nurses, dietitians, and therapists	3 174	—	—	—	—	—	—	—	—	—	—	—	—	—
Health technologists and technicians	456	—	—	—	—	—	—	—	—	—	—	—	—	—
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Social and recreation workers	4 926	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, except college and university	29 894	—	—	—	—	—	—	—	—	—	—	—	—	—
Engineering and science technicians	4 580	40	84	244	20	—	—	20	—	67	—	117	—	23
Technicians exc. health and engineering and science	792	52	—	61	—	—	—	—	—	—	—	21	—	—
Writers, artists, and entertainers	14 142	101	23	146	19	—	21	156	19	25	—	96	152	—
Other professional, technical, and kindred workers	17 868	155	—	—	64	9	—	—	—	22	20	61	174	24
Managers and administrators, except farm	22 595	16	—	301	86	57	—	39	21	19	90	117	135	59
Buyers, purchasing agents, and sales managers	3 189	—	—	58	22	—	—	—	—	—	16	39	38	—
Other managers and administrators	19 336	16	—	243	64	36	—	39	21	19	74	78	97	59
Self-employed	16 435	—	—	204	43	36	—	—	—	—	74	78	97	59
Salaried	2 901	16	—	39	21	—	—	—	—	—	—	—	—	—
Self-employed	106 750	162	—	338	140	18	63	19	—	—	69	76	180	—
Sales workers	365 604	1 684	960	7 586	3 091	808	1 212	1 531	788	548	2 776	4 890	6 980	1 488
Clerical and kindred workers	22 969	297	105	1 956	963	196	219	291	105	77	120	64	125	122
Bookkeepers	33 543	46	—	—	—	—	—	—	—	—	314	519	586	—
Cashiers	40 330	—	28	—	—	—	—	—	—	—	18	22	18	—
Counter clerks, except food	8 281	—	—	—	—	—	—	—	—	—	72	60	60	15
File clerks	16 749	22	—	160	40	66	34	63	20	—	30	319	472	76
Office machine operators	15 322	42	59	197	122	41	41	178	220	21	87	377	664	117
Bookkeeping and billing machine operators	2 051	23	—	37	—	—	—	—	—	—	10	377	664	23
Keypunch operators	9 360	19	21	160	122	—	18	156	182	21	56	—	341	48

¹Excludes 18,237 male and 85,103 female unemployed persons who last worked in 1959 or earlier, for whom industrial and occupational data were not collected.

Table 7. Last Industry of the Experienced Unemployed by Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text.]

United States	Agriculture, forestry, and fisheries		Mining	Construction		Manufacturing									
	Total, 16 years old and over	Total		Total	Special trade contractors	Lumber and wood products, except furniture	Furniture and fixtures	Stone, clay, and glass products	Primary ferrous industries	Primary non-ferrous industries	Fabricated metal industries (including not specified metal)	Machinery, except electrical	Electrical machinery, equipment, and supplies	Motor vehicles and motor vehicle equipment	
Female experienced unemployed—Continued															
Clerical and kindred workers—Continued															
Payroll and timekeeping clerks	3 604	22	20	353	94	23	100	111	16	68	84	168	42		
Receptionists	13 390	217	66	349	187	39	39	19	23	184	291	121	19		
Secretaries	64 555	247	416	2 437	1 024	222	296	271	198	834	1 402	2 054	449		
Statistical clerks	4 572	—	—	46	—	21	16	26	—	80	164	39	61		
Stenographers	13 437	18	18	41	21	20	20	43	—	20	63	129	—		
Telephone operators	39 080	206	23	637	235	20	36	105	186	62	24	178	52		
Typists	106 810	545	204	1 374	405	178	272	111	36	285	682	838	258		
Other clerical and kindred workers	30 113	192	41	2 645	1 430	306	1 110	59	225	737	491	2 008	433		
Craftsmen and kindred workers															
Foremen, n.e.c.	4 242	83	—	80	68	56	41	—	—	138	30	448	57		
Mechanics and repairmen	2 942	—	—	28	—	—	44	—	17	136	58	474	134		
Printing craftsmen	3 612	13	—	—	—	—	—	—	—	20	21	173	20		
Operatives, except transport															
Assemblers	395 108	1 259	392	726	431	3 380	7 014	4 828	862	12 598	11 253	49 138	11 799		
Bottling and canning operatives	62 212	16	—	62	62	513	1 512	519	111	3 051	4 108	23 714	4 402		
Checkers, examiners, inspectors, manufacturing	5 932	—	—	—	—	—	—	—	—	10	16	17	—		
Graders and sorters, manufacturing	27 387	—	—	—	—	172	401	21	22	1 092	1 442	7 039	860		
Packers and wrappers, except produce	6 233	372	19	57	—	96	—	20	59	77	56	117	19		
Produce graders and packers, exc. factory and farm	40 528	246	—	—	—	113	399	857	48	844	373	1 113	419		
Mixing operatives	4 802	—	—	—	—	—	—	—	—	—	—	—	—		
Sewers and stitchers	67 237	—	—	—	—	—	—	—	—	—	—	—	—		
Other specified operatives	100 201	160	373	44	44	25	969	42	—	212	173	109	820		
Machine operatives, miscellaneous specified	35 486	54	—	422	259	906	2 098	606	197	3 949	3 050	9 002	3 192		
Machine operatives, not specified	13 855	38	—	56	19	816	761	942	210	1 470	720	3 641	780		
Miscellaneous operatives	22 277	353	—	—	—	156	324	231	76	1 275	686	1 373	872		
Not specified operatives	8 531	20	—	38	—	469	312	305	68	346	441	1 854	225		
Transport equipment operatives	5 081	172	43	47	47	114	238	313	71	272	171	1 159	210		
Deliverymen and roulemen	1 185	21	—	341	—	51	—	39	17	—	42	44	75		
Laborers, except farm	27 303	1 235	42	1 574	425	970	354	393	101	1 004	196	923	317		
Farm workers	20 307	20 307	—	—	—	—	—	—	—	—	—	—	—		
Service workers, except private household²	249 140	316	40	312	75	72	122	112	147	232	188	292	227		
Cleaning service workers	32 180	101	17	132	19	32	37	73	105	85	68	94	147		
Cleaners and chorwomen	11 548	42	17	57	19	13	37	15	61	36	23	23	71		
Food service workers	128 836	145	—	40	—	19	22	20	25	19	60	69	50		
Waiters and food counter workers	81 699	33	—	22	—	—	—	—	—	—	—	—	9		
Health service workers	35 952	33	—	20	20	—	—	—	—	—	—	—	—		
Personal service workers	25 305	40	—	—	—	—	—	—	—	—	—	—	—		
Protective service workers	1 598	—	—	—	—	21	21	—	17	16	16	—	—		
Private household workers	54 388	—	—	—	—	—	—	—	—	—	—	—	—		

²Includes allocated cases not shown separately.

Table 7. Last Industry of the Experienced Unemployed by Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text)

United States	Manufacturing—Con.										Transportation, communications, and other public utilities					
	Aircraft parts	Other transportation equipment	Ord-nance	Other durable goods	Food and kindred products	Textile mill prod-ucts	Apparel and other fabri-cated textile products	Paper and allied prod-ucts	Printing, pub-lishing and allied indus-tries	Chem-icals and prod-ucts	Rubber and miscel-laneous plas-tic prod-ucts	Other non-durable goods	Total ²	Rail-roads and railway express service	Trucking service and ware-housing	Other transpor-tation
Male experienced unemployed¹	39 521	19 606	12 405	43 304	40 360	14 482	15 053	11 738	18 297	12 754	12 139	28 809	115 696	12 349	43 573	29 270
Professional, technical, and kindred workers	9 564	500	3 677	3 246	630	291	201	424	1 642	1 500	554	1 405	6 675	117	168	3 101
Accountants	134	21	98	98	56	—	—	42	81	90	—	—	288	—	128	66
Architects	—	—	—	—	—	—	—	—	42	—	—	—	—	—	—	—
Computer specialists	217	—	126	22	—	18	—	—	—	89	—	18	100	—	—	63
Engineers	5 482	138	2 253	728	135	38	43	85	55	282	163	204	1 189	38	21	757
Aeronautical and astronautical	2 600	—	212	26	—	—	—	—	—	—	—	—	21	—	—	21
Chemical	79	—	22	—	—	—	—	23	—	157	65	—	—	—	—	—
Civil	39	—	24	33	—	—	—	—	—	—	—	17	43	20	—	—
Electrical and electronic	860	—	486	44	—	—	—	—	—	—	—	21	304	21	—	18
Industrial	845	28	463	204	19	25	43	—	16	—	28	45	65	18	—	47
Mechanical	708	81	448	92	62	—	—	22	39	63	70	43	607	—	—	607
Other engineers	351	29	598	329	54	13	—	40	—	62	—	78	149	—	—	84
Lawyers and judges	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Librarians, archivists, and curators	—	—	—	19	—	—	—	—	—	—	18	—	45	—	—	—
Mathematical specialists	—	—	—	—	—	—	—	24	—	—	—	—	21	—	—	—
Life and physical scientists	—	—	—	—	—	—	—	—	—	—	—	—	19	19	—	—
Chemists	136	—	60	47	112	56	—	—	22	298	18	37	19	—	—	—
Operations and systems researchers and analysts	116	—	24	38	92	56	—	19	22	298	18	21	19	—	—	—
Personnel and labor relations workers	599	—	319	—	—	—	—	—	—	43	—	—	84	—	—	—
Physicians, dentists, and related practitioners	162	40	46	46	—	20	—	—	20	53	81	—	—	—	—	48
Dentists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pharmacists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Physicians, medical and osteopathic	—	—	—	—	—	—	—	—	—	18	—	—	—	—	—	—
Other related practitioners	—	—	—	—	—	—	—	—	—	23	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health technologists and technicians	—	—	19	23	—	—	—	—	—	—	—	—	40	—	—	—
Religious workers	—	—	17	67	41	—	—	35	20	54	—	40	17	—	—	—
Social and recreation workers	59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, college and university	22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, except college and university	59	—	—	—	—	—	—	—	—	—	—	19	—	—	—	—
Engineering and science technicians	2 098	261	116	424	163	44	—	148	23	454	184	165	686	20	—	60
Draftsmen	844	142	116	214	—	—	—	20	23	42	86	20	280	—	—	—
Electrical and electronic engineering technicians	645	69	160	82	—	—	—	—	—	—	—	—	286	—	—	38
Industrial and mechanical engineering technicians	198	—	—	—	—	21	—	—	—	42	—	—	—	—	—	—
Other engineering and science technicians	411	50	148	155	163	23	—	128	—	370	98	145	120	20	—	22
Technicians, exc. health, and eng. and science	61	21	20	—	—	22	—	25	—	—	43	—	2 155	19	—	2 005
Airplane pilots	42	—	—	—	—	22	—	25	—	—	43	—	1 488	—	—	1 467
Embalmers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Radio operators and air traffic controllers	—	—	—	—	—	—	—	—	—	—	—	—	—	19	—	218
Other technicians, exc. health, and eng. and science	19	21	20	—	—	—	—	—	—	—	—	—	329	—	—	320
Writers, artists, and entertainers	426	19	205	270	26	75	158	—	1 315	40	27	67	1 260	—	—	102
Other professional, technical, and kindred workers	109	—	90	1 475	97	18	—	46	64	56	—	742	752	15	—	—
Managers and administrators, except farm	1 088	197	321	1 282	695	186	526	280	720	660	359	815	4 208	671	628	1 775
Buyers, purchasing agents, and sales managers	415	61	67	278	205	18	52	101	187	201	61	18	169	64	48	19
Other managers and administrators	673	136	254	1 004	490	168	474	179	533	459	298	797	4 039	607	580	1 756
Salaried	673	136	254	866	426	168	453	179	488	439	277	695	3 745	607	384	1 734
Self-employed	—	—	—	138	64	—	21	—	45	20	21	102	294	—	196	22
Sales workers	36	73	30	829	544	105	523	78	4 474	505	215	2 105	731	36	172	164
Newsboys	—	—	—	—	—	—	—	—	3 507	—	—	—	—	—	—	—
Other specified sales workers	19	—	30	244	30	—	24	18	226	115	—	1 864	242	—	—	—
Salesmen and sales clerks, n.e.c.	17	73	—	585	514	105	499	60	741	390	215	1 241	489	172	—	164

¹Excludes 18,237 male and 85,103 female unemployed persons who last worked in 1959 or earlier, for whom industrial and occupational data were not collected.

²Includes allocated cases not shown separately.

Table 7. Last Industry of the Experienced Unemployed by Occupation and Sex: 1970—Continued

United States	Manufacturing—Con.											Transportation, communications, and other public utilities			
	Data based on 5-percent sample, see text. For meaning of symbols, see text.														
	Aircraft parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other non-durable goods	Total	Railroads and railway express service	Trucking service and warehousing	Other transportation
3 196	830	916	2 774	1 653	688	1 229	767	2 221	838	682	1 832	8 967	1 842	2 669	2 362
81	78	33	121	207	—	—	23	79	38	—	34	486	37	254	108
—	—	—	16	32	—	—	—	—	—	—	—	160	17	45	46
103	40	68	19	40	22	—	16	48	21	19	10	99	41	21	52
100	57	—	19	16	22	96	22	152	23	22	86	392	116	183	340
348	102	35	542	62	28	752	373	267	242	280	184	1 335	167	819	154
909	65	213	356	84	354	94	102	148	177	150	142	5 683	153	246	1 608
1 558	488	567	1 720	616	125	225	231	1 423	337	211	1 376	—	811	1 151	—
10 817	8 327	2 169	8 087	4 616	1 899	2 537	1 472	5 079	1 892	1 255	3 973	15 813	2 649	2 585	3 511
1 207	4 351	210	364	578	158	118	252	89	451	113	390	2 729	261	253	611
17	—	63	10	10	23	65	—	18	38	—	80	568	60	23	207
155	1 954	25	151	168	115	31	20	19	38	32	78	805	95	96	170
739	804	23	105	142	—	—	41	20	110	110	58	562	17	66	102
18	446	36	45	125	20	—	—	30	142	21	—	315	67	66	97
140	976	98	—	17	—	—	52	22	123	17	157	389	22	48	35
98	40	28	—	24	—	—	20	305	579	314	332	90	349	600	183
40	171	28	—	971	—	529	255	84	467	398	351	1 486	279	1 445	2 278
755	384	432	569	971	560	159	220	84	467	—	351	5 280	679	1 445	2 478
3 460	347	630	349	1 072	888	20	—	41	19	—	65	1 889	—	1 311	495
59	—	40	—	42	19	20	—	—	—	—	—	—	174	59	126
4 877	2 045	698	822	277	176	53	343	82	170	351	254	507	174	98	21
2 686	665	441	445	191	176	53	262	62	73	297	175	183	98	—	20
96	244	257	377	86	—	—	81	20	44	54	40	143	60	59	85
2 095	1 136	257	16	23	20	46	218	4 482	53	—	39	181	16	19	—
67	—	25	20	100	18	—	—	—	100	—	22	27	—	22	36
38	—	174	5 947	1 595	79	1 632	184	37	98	79	2 580	388	1 186	187	277
413	1 200	—	—	—	—	—	—	—	—	—	—	5 396	—	—	—
13 180	6 998	4 308	19 572	16 868	9 341	8 627	5 705	2 291	4 523	7 144	11 909	8 598	767	1 432	4 912
3 636	1 241	760	1 276	586	77	20	219	98	155	249	464	98	—	14	48
1 753	96	807	359	502	311	263	153	47	136	611	895	—	—	21	—
333	147	512	15	15	45	20	20	24	20	91	65	42	—	—	—
273	266	19	287	45	20	22	17	35	41	110	86	—	—	—	—
2 009	218	482	480	108	99	22	—	—	53	170	133	99	36	17	46
—	261	119	122	—	—	—	—	—	—	16	17	—	—	—	—
612	97	38	65	80	—	—	—	—	—	—	46	37	18	—	19
983	42	287	177	28	—	—	—	—	37	127	27	45	18	—	27
153	55	38	116	—	99	22	—	—	16	27	43	17	—	—	—
266	48	18	260	23	—	—	19	58	—	—	78	—	—	—	—
—	—	—	70	—	—	—	—	—	—	—	—	—	—	—	—
20	—	29	24	96	43	18	61	—	188	—	12	399	17	—	300
680	2 235	183	225	152	20	42	56	20	96	16	161	—	17	107	58
1 089	769	404	13 011	7 730	8 701	6 790	1 767	806	1 335	1 137	7 276	5 954	174	767	4 145
883	529	628	3 304	3 570	—	—	2 036	571	992	2 887	1 125	229	165	190	—
804	256	628	528	1 089	—	186	546	139	678	796	575	238	145	45	—
946	883	236	889	2 247	—	691	583	493	523	533	581	932	140	226	270
488	310	114	347	705	—	219	248	—	306	544	407	159	90	45	24
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
392	421	224	1 989	4 765	315	177	724	710	511	264	1 720	39 843	2 649	26 194	6 446
—	—	—	249	1 667	46	46	51	352	150	—	59	1 749	80	1 445	1 336
265	225	97	284	1 337	95	41	321	76	321	—	298	974	23	613	275
78	157	127	455	1 678	220	73	331	257	211	18	493	25 720	317	24 073	398
49	39	—	1 001	83	—	17	21	25	17	—	868	11 400	2 229	63	5 637

Includes allocated cases not shown separately.

Table 7. Last Industry of the Experienced Unemployed by Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

Occupation	Manufacturing—Con.											Transportation, communications, and other public utilities																		
	Other transportation equipment parts					Apparel and other fabric, textile products					Printing, publishing and allied industries					Chemicals and allied products					Rubber and miscellaneous plastic products					Other non-durable goods				
	Aircraft and parts	Other transportation equipment	Ordnance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabric, textile products	Paper and allied products	Printing, publishing and allied industries	Chemicals and allied products	Rubber and miscellaneous plastic products	Other non-durable goods	Total	Railroads and railway express service	Trucking service and warehousing	Other transportation														
United States																														
Male experienced unemployed—Continued																														
Laborers, except farm																														
Construction laborers	449	1 942	602	4 056	7 989	1 181	685	1 872	729	1 724	1 142	3 528	3 453	9 253	4 659															
Freight, stock, and material handlers	37	514	—	73	18	12	—	40	—	52	38	113	229	49	76															
Vehicle washers and equipment cleaners	128	300	177	848	4 340	659	472	723	521	859	499	735	994	8 089	3 900															
Other specified laborers	146	125	—	22	519	114	17	57	19	85	67	104	150	96	187															
Miscellaneous laborers	46	68	55	2 598	240	—	24	80	17	66	38	273	34	134	96															
Not specified laborers	18	324	68	55	498	82	42	171	40	82	24	243	1 533	81	115															
	74	611	302	460	2 374	314	130	861	132	580	476	1 060	513	804	285															
Farm workers																														
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—															
Service workers, including private household																														
Cleaning service workers	799	318	158	1 469	2 600	476	548	416	431	601	524	1 522	665	472	2 340															
Food service workers	482	218	99	550	1 849	435	476	262	309	439	477	611	1 687	129	431															
Health service workers	—	43	—	17	370	—	30	20	26	—	—	—	256	—	890															
Personal service workers	—	—	—	—	16	—	—	—	—	—	—	—	127	—	127															
Guards and watchmen	213	57	39	105	48	—	7	89	73	125	47	15	782	62	592															
Other service workers, including private household	104	—	20	779	75	19	—	45	23	37	—	815	426	152	111															
	16 356	4 171	10 280	37 925	51 320	26 651	75 792	8 255	20 470	11 012	15 452	34 244	1 311	6 358	7 023															
Female experienced unemployed																														
Professional, technical, and kindred workers																														
Accountants	1 188	108	416	836	801	214	654	181	1 830	556	168	523	82	23	71															
Computer specialists	80	20	48	39	48	19	61	43	34	—	—	66	40	—	23															
Engineers	43	—	12	—	16	—	—	22	—	—	19	—	—	—	—															
Librarians, archivists, and curators	163	—	26	22	23	—	18	—	—	—	44	—	—	23	11															
Life and physical scientists	25	—	—	—	—	—	—	—	—	—	—	—	—	—	—															
Physicians, dentists, and related practitioners	15	—	—	—	68	—	—	—	—	46	—	—	—	—	—															
Registered nurses, dietitians, and therapists	68	20	38	21	40	23	19	—	—	18	—	—	—	—	—															
Health technologists and technicians	—	25	—	—	—	—	—	—	—	38	—	21	—	—	—															
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—															
Social and recreation workers	—	—	—	20	—	—	—	—	19	—	—	—	—	—	—															
Teachers, except college and university	—	—	—	—	18	43	—	—	—	—	24	—	—	—	—															
Engineering and science technicians	444	20	96	211	539	32	—	15	24	343	—	78	—	—	—															
Technicians, exc. health, and engineering and science	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—															
Writers, artists, and entertainers	100	—	98	253	19	58	515	19	1 677	11	—	64	—	—	—															
Other professional, technical, and kindred workers	250	23	98	270	30	39	41	62	76	100	21	294	42	—	18															
Managers and administrators, except farm	113	21	55	129	140	65	179	20	262	96	54	39	32	55	239															
Buyers, purchasing agents, and sales managers	20	—	14	—	19	—	21	—	37	—	—	—	—	—	—															
Other managers and administrators	93	21	41	129	121	65	158	20	225	59	54	39	32	55	238															
Salaries	—	—	—	—	121	65	139	20	188	59	54	19	32	55	239															
Self-employed	—	—	—	24	—	—	19	—	37	—	—	20	—	—	—															
Sales workers	71	—	24	422	340	62	201	—	1 048	96	43	259	19	21	138															
Clerical and kindred workers																														
Billing clerks	6 522	1 032	1 930	5 202	4 413	1 402	3 467	1 391	7 912	3 101	1 422	3 966	920	4 201	3 231															
Bookkeepers	41	—	21	85	40	23	133	—	63	37	45	24	32	42	65															
Cashiers	179	14	109	379	562	122	658	152	568	308	192	224	43	653	199															
Counter clerks, except food	29	—	22	—	125	23	42	—	49	21	22	—	24	20	34															
File clerks	16	—	—	—	16	49	110	14	242	18	62	19	26	26	—															
Office machine operators	659	66	96	100	67	51	188	39	627	162	95	147	18	331	108															
Bookkeeping and billing machine operators	325	96	124	187	246	125	252	128	604	154	60	262	59	255	65															
Keypunch operators	193	96	39	163	56	69	150	109	349	37	56	56	36	197	18															

*Excludes 18,237 male and 85,103 female unemployed persons who last worked in 1959 or earlier, for whom industrial and occupational data were not collected. †Includes allocated cases not shown separately.

Table 7. Last Industry of the Experienced Unemployed by Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text.)

United States	Manufacturing—Con.										Transportation, communications, and other public utilities					
	Aircraft and parts	Other transportation equipment	Ord-nance	Other durable goods	Food and kindred products	Textile mill products	Apparel and other fabricated textile products	Paper and allied products	Printing, publishing and allied industries	Chem-icals and allied prod-ucts	Rubber and miscel-laneous plastic prod-ucts	Other non-durable goods	Total ²	Rail-roads and railway express service	Trucking service ware-housing	Other transpor-tation
Female experienced unemployed—Continued																
Clerical and kindred workers—Continued																
Payroll and timekeeping clerks.....	257	21	57	149	772	23	189	41	63	65	42	41	179	—	97	46
Receptionists.....	47	21	22	—	83	56	146	21	125	80	42	—	308	—	115	108
Secretaries.....	1 464	260	536	771	778	278	338	328	1 001	967	383	527	2 763	104	857	647
Statistical clerks.....	117	—	62	41	40	25	55	—	228	43	30	72	462	66	45	43
Stenographers.....	117	—	51	37	23	—	40	21	42	61	24	—	319	195	—	41
Telephone operators.....	82	37	41	61	67	27	20	110	196	40	41	39	7 207	82	147	41
Typists.....	1 219	189	354	615	497	299	312	212	1 360	563	101	207	1 787	82	577	243
Other clerical and kindred workers.....	1 810	328	435	2 775	1 587	301	984	325	2 704	582	283	2 437	6 744	189	844	1 561
Craftsmen and kindred workers																
Foremen, n.e.c.....	1 259	623	243	1 480	1 342	456	1 788	181	2 712	131	390	1 484	269	19	39	74
Mechanics and repairmen.....	540	19	36	367	823	81	685	23	111	24	36	179	37	19	18	—
Printing craftsmen.....	20	35	36	128	94	94	50	44	39	23	49	—	54	—	21	33
Operatives, except transport																
Assemblers.....	6 915	2 098	6 832	28 208	41 466	23 575	68 411	6 068	5 790	6 480	12 838	25 923	1 867	20	1 257	297
Bottling and canning operatives.....	3 439	600	2 976	7 899	1 357	120	477	622	490	1 364	1 380	1 149	93	—	38	14
Checkers, examiners, inspectors, manufacturing.....	—	18	914	16	5 414	—	—	341	593	493	1 381	1 506	—	—	—	—
Graders and sorters, manufacturing.....	—	—	15	99	2 306	164	159	172	37	172	20	392	—	—	—	—
Packers and wrappers, except produce.....	103	15	326	2 639	12 049	801	2 034	1 218	1 039	1 593	1 257	1 039	608	—	515	93
Produce graders and packers, exc. factory and farm.....	—	—	—	—	130	—	—	—	—	20	16	164	379	—	—	—
Mixing operatives.....	—	37	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sewers and stitchers.....	209	209	118	1 160	85	5 384	51 317	129	230	—	348	4 168	18	—	—	—
Other specified operatives.....	1 647	693	664	7 497	2 607	15 123	5 150	477	620	878	1 706	12 205	268	—	—	97
Machine operatives, miscellaneous specified.....	189	234	804	2 800	6 337	—	2 038	1 738	1 129	999	3 892	2 674	121	—	63	42
Machine operatives, not specified.....	88	—	634	1 709	865	—	238	639	916	431	1 539	691	23	—	—	—
Miscellaneous operatives.....	575	232	180	1 805	4 811	—	2 176	337	647	490	906	1 295	337	20	262	51
Not specified operatives.....	120	60	201	846	776	—	1 504	168	89	112	374	640	20	20	—	—
Transport equipment operatives																
Deliverymen and roulemen.....	—	73	22	19	118	14	—	20	103	—	—	53	2 150	19	393	1 246
Laberers, except farm.....	32	154	529	908	1 920	778	796	346	601	400	427	1 182	134	104	62	21
Form workers																
Service workers, except private household ²	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cleaning service workers.....	256	62	229	521	780	85	296	48	212	152	110	615	2 271	96	49	1 566
Cleaners and charwomen.....	164	62	91	82	207	85	176	21	83	60	71	427	369	72	13	174
Food service workers.....	65	40	29	32	128	63	126	21	59	—	30	333	160	47	13	20
Waiters and food counter workers.....	70	—	39	67	310	—	37	—	73	—	19	17	419	24	15	341
Health service workers.....	50	—	—	26	80	—	—	—	23	—	—	234	234	—	—	18
Personal service workers.....	—	—	—	—	36	—	—	—	—	24	—	19	18	—	—	—
Protective service workers.....	—	—	18	86	58	—	62	—	39	68	—	14	1 087	—	—	1 021
Private household workers.....	—	—	—	20	41	—	21	—	—	—	—	25	—	—	—	—

²Includes allocated cases not shown separately.

Table 7. Last Industry of the Experienced Unemployed by Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text.]

Occupation	Transport, comm., and other public utilities—Con.		Wholesale trade		Retail trade					Finance, insurance, and real estate					
	Com-muni-cations	Utilities and sanitary services	Total	Food and farm prod-ucts	Total	General merchan-dise stores	Food stores	Auto-motive dealers and gasoline stations	Apparel and acces-sories stores	Eating and drinking places	Other retail trade	Total	Banking and credit agencies	Insur-ance	Other finance and real estate
Male experienced unemployed¹	6 638	12 758	60 067	15 630	254 579	24 637	34 815	55 923	8 881	58 135	72 188	31 970	5 696	6 867	19 407
Professional, technical, and kindred workers	1 853	624	1 666	135	2 734	265	104	134	38	682	1 511	1 495	420	443	632
Accountants	—	58	277	52	333	—	47	40	21	—	21	481	279	109	93
Architects	—	—	—	—	—	19	—	—	—	—	—	—	—	—	—
Computer specialists	18	—	41	—	48	32	—	—	—	—	16	111	46	65	57
Engineers	193	160	315	—	129	—	—	30	—	—	99	154	22	75	—
Aeronautical and astronautical	—	—	21	—	—	—	—	—	—	—	—	—	—	—	—
Chemical	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Civil	23	—	—	—	19	—	—	—	—	—	19	30	—	—	30
Electrical and electronic	105	140	20	—	60	—	—	—	—	—	60	—	—	—	—
Industrial	—	—	82	—	—	—	—	—	—	—	—	102	—	—	27
Mechanical	—	—	20	—	13	—	—	13	—	—	—	22	22	—	—
Other engineers	65	20	172	—	37	—	—	17	—	—	20	—	—	—	—
Lawyers and judges	—	—	—	—	9	—	—	9	—	—	—	46	—	—	—
Librarians, archivists, and curators	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mathematical specialists	—	—	83	—	—	—	—	—	—	—	—	—	—	—	—
Life and physical scientists	—	—	21	—	21	—	—	21	—	—	—	—	—	—	—
Chemists	—	—	21	—	—	—	—	—	—	—	—	—	—	—	—
Operations and systems researchers and analysts	—	—	47	—	—	—	—	—	—	—	—	63	21	20	22
Personnel and labor relations workers	21	—	65	25	98	71	—	—	—	—	27	13	—	—	—
Physicians, dentists, and related practitioners	—	—	—	—	570	—	—	—	—	—	570	—	—	—	—
Dentists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pharmacists	—	—	—	—	570	—	—	—	—	—	—	—	—	—	—
Physicians, medical and osteopathic	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other related practitioners	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Registered nurses, dietitians, and therapists	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Health technologists and technicians	—	—	—	—	15	—	—	—	—	—	—	—	—	—	—
Religious workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Religious workers	17	—	65	—	23	—	—	—	—	—	—	—	—	—	—
Social scientists	—	—	—	—	17	—	—	—	—	17	—	96	20	—	76
Social and recreation workers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Teachers, college and university	—	—	—	—	22	—	—	—	—	—	—	—	—	—	—
Teachers, except college and university	387	198	284	18	22	22	19	—	—	—	22	—	—	—	—
Engineers, except college and university	115	144	137	18	62	22	—	—	—	—	21	41	—	—	41
Draftsmen	248	—	20	—	22	22	—	—	—	—	—	23	—	—	23
Electrical and electronic engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Industrial and mechanical engineering technicians	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other engineering and science technicians	24	54	127	—	40	—	19	—	—	—	21	18	—	—	18
Technicians, exc. health, and eng. and science	131	—	27	—	19	—	—	—	—	—	19	21	—	—	21
Airplane pilots	21	—	27	—	—	—	—	—	—	—	—	—	—	—	—
Embalmers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Radio operators and air traffic controllers	92	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other technicians, exc. health, and eng. and science	18	—	—	—	19	—	—	—	—	—	19	—	—	—	—
Writers, artists, and entertainers	1 065	93	218	40	1 016	121	38	34	17	665	141	230	19	87	124
Other professional, technical, and kindred workers	—	21	264	—	312	—	—	—	—	—	312	198	—	—	198
Managers and administrators, except farm	485	134	4 079	1 010	18 514	2 070	2 460	3 975	768	4 257	4 984	4 117	1 572	673	1 872
Buyers, purchasing agents, and sales managers	—	38	1 210	474	3 110	817	483	471	221	174	944	1 177	25	77	75
Other managers and administrators	485	96	2 869	536	15 404	1 253	1 977	3 504	547	4 083	4 040	3 940	1 547	596	1 797
Salaried	485	96	2 351	386	10 997	1 091	1 256	2 655	411	2 774	2 810	3 676	1 523	577	1 576
Self-employed	—	—	518	150	4 407	1 62	721	849	136	1 309	1 230	264	24	19	221
Sales workers	293	66	7 489	1 239	39 960	7 298	3 494	6 625	4 788	1 108	16 647	8 382	154	3 592	4 636
Newsboys	—	—	—	—	212	134	—	24	—	—	78	8 223	77	—	—
Other specified sales workers	242	—	542	—	5 575	999	20	24	—	—	4 532	8 223	77	—	4 554
Salesmen and sales clerks, n.e.c.	51	66	6 947	1 239	34 173	6 165	3 474	6 601	4 788	1 108	12 037	159	77	—	80

¹Excludes 18,237 male and 85,103 female unemployed persons who last worked in 1959 or earlier, for whom industrial and occupational data were not collected.

Table 7. Last Industry of the Experienced Unemployed by Occupation and Sex: 1970—Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text)

United States	Transport, comm., and other public utilities—Con.		Wholesale trade		Retail trade					Finance, insurance, and real estate				
	Com-muni-cations	Utilities and other public services—Con.	Total	Food and farm prod-ucts	Total	General merchan-dise stores	Food stores	Auto-motive dealers and gasoline stations	Apparel and acces-sories stores	Eating and drinking places	Other retail trade	Banking and credit agencies	Insur-ance	Other finance and real estate
Bookkeepers.....	849	945	6 878	1 075	16 893	3 753	4 730	1 143	832	1 092	5 343	2 751	1 595	3 188
Cashiers.....	49	38	481	140	1 079	40	37	325	61	92	524	302	91	230
Estimators and investigators, n.e.c.....	68	40	46	46	4 097	260	2 443	132	64	775	423	107	83	84
Office machine operators.....	14	29	101	54	153	54	41	38	—	—	20	319	76	95
Secretaries, stenographers, and typists.....	91	23	61	20	138	89	—	21	—	—	49	20	63	68
Shipping and receiving clerks.....	9	—	267	20	105	61	—	—	—	—	23	18	—	40
Stock clerks and storekeepers.....	52	46	1 869	241	1 867	823	227	56	158	—	603	79	—	144
Other clerical and kindred workers.....	566	769	1 700	303	4 833	1 698	1 397	247	381	225	1 110	47	1 262	2 448
Craftsmen and kindred workers.....	2 254	3 571	6 397	950	24 457	1 937	1 493	9 249	731	379	10 668	117	261	1 910
Construction craftsmen.....	169	1 435	9 918	37	3 591	528	1 880	406	38	127	2 312	63	83	1 467
Brickmasons and stonemasons.....	84	194	261	—	1 828	396	147	24	—	42	965	63	21	498
Carpenters.....	23	497	246	—	1 600	40	—	21	—	35	64	—	—	45
Electricians.....	42	305	136	19	545	68	—	19	—	50	146	—	—	120
Excavating, grading and road machine operators.....	—	85	175	18	268	—	—	102	—	—	310	—	—	697
Painters (const. & maint.), plasterers, & paperhangers.....	—	20	67	—	531	24	15	—	—	—	250	—	—	21
Plumbers and pipefitters.....	—	42	14	—	382	105	133	135	—	—	507	—	—	22
Other construction craftsmen.....	63	251	1 066	—	738	207	207	8 445	37	21	327	19	60	92
Foremen, n.e.c.....	126	752	2 084	136	12 206	656	62	8	—	—	2 898	—	26	66
Mechanics and repairmen.....	17	66	580	37	8 559	161	—	8 134	—	—	202	—	—	—
Automobile, including body.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Metal craftsmen, except mechanics.....	39	109	426	42	215	—	—	49	—	—	166	19	—	18
Machinists, job setters, and toolmakers.....	18	46	210	20	39	—	—	21	—	—	18	19	—	18
Blacksmiths, forgemen, hammermen, boiler-makers.....	—	63	70	22	—	—	—	—	—	—	—	—	—	—
Other metal craftsmen.....	21	—	146	—	176	—	—	28	—	—	148	—	—	—
Printing craftsmen.....	8	—	21	—	178	154	—	—	—	—	24	16	44	16
Stationary engineers and power station operators.....	1 849	694	1 865	17	54	494	25	—	656	231	29	—	48	161
Other craftsmen and kindred workers.....	—	—	—	336	7 455	—	948	214	—	—	4 912	—	—	—
Operatives, except transport.....	146	652	9 618	3 664	40 443	684	3 670	29 751	342	355	5 641	39	36	256
Assemblers.....	—	19	224	—	226	20	—	111	—	—	95	—	—	—
Checkers, examiners, and inspectors, manufacturing.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Filers, polishers, sanders, and buffers.....	—	—	31	—	367	—	—	313	—	—	54	—	—	—
Painters, manufactured articles.....	—	—	64	—	353	—	—	292	—	—	61	—	—	—
Precision machine operatives.....	—	—	189	15	—	—	—	—	—	—	—	—	—	21
Drill press operatives.....	—	—	37	—	—	—	—	—	—	—	—	—	—	—
Grinding machine operatives.....	—	—	42	—	—	—	—	—	—	—	—	—	—	—
Lathe and milling machine operatives.....	—	—	110	15	—	—	—	—	—	—	—	—	—	21
Precision machine operatives, n.e.c.....	—	—	96	—	21	—	—	—	—	—	21	—	—	—
Punch and stamping press operatives.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Solders.....	—	—	—	—	29	—	—	29	—	—	—	—	—	—
Stationary firemen.....	—	82	144	—	—	—	—	—	—	—	—	—	—	17
Welders and flame-cutters.....	—	109	616	24	237	—	—	43	—	—	194	—	—	22
Other specified operatives.....	130	107	4 886	2 429	37 010	553	3 148	28 460	221	213	4 415	22	20	62
Machine operatives, miscellaneous specified.....	—	39	1 040	479	780	19	210	65	83	78	325	—	—	—
Machine operatives, not specified.....	16	—	613	185	1 522	21	23	18	—	16	74	—	—	72
Miscellaneous operatives.....	—	296	1 353	444	890	71	265	290	38	30	196	17	16	39
Not specified operatives.....	—	—	362	88	378	—	24	130	—	18	206	—	—	23
Transport equipment operatives.....	139	882	9 861	3 174	14 025	1 011	1 521	1 570	121	967	8 835	52	—	196
Deliverymen and roulemen.....	50	38	3 809	1 371	7 574	663	1 075	783	82	821	4 150	—	—	23
Fork lift and tow motor operatives.....	21	24	886	471	282	40	47	—	—	—	195	—	—	—
Truck drivers.....	68	784	4 301	1 332	4 628	287	377	440	39	86	3 399	36	—	105
Other transport equipment operatives.....	—	36	865	—	1 541	21	22	347	—	60	1 091	16	—	84

Table 7. Last Industry of the Experienced Unemployed by Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text.]

United States	Transport, comm., and other public utilities—Con.		Wholesale trade		Retail trade					Finance, insurance, and real estate			
	Com-muni-cations	Utilities and sanitary services	Total	Food and farm products	General merchandise stores	Food stores	Auto-motive dealers and gasoline stations	Apparel and accessories stores	Eating and drinking places	Other retail trade	Banking and credit agencies	Insurance	Other finance and real estate
Male experienced unemployed—Continued													
Laborers, except farm	242	5 349	12 040	3 537	5 102	15 428	2 688	976	663	10 886	101	60	2 557
Construction laborers	39	817	220	56	84	16	45	—	54	448	—	—	158
Freight, stock, and material handlers	20	2 647	7 479	2 673	4 829	15 078	312	888	270	4 839	19	—	81
Vehicle washers and equipment cleaners	—	—	171	32	—	45	1 740	18	44	57	—	—	—
Other specified laborers	42	193	1 403	130	37	187	38	22	40	3 992	63	60	1 873
Miscellaneous laborers	64	1 015	1 607	77	124	52	513	48	62	215	19	—	208
Not specified laborers	77	677	2 160	569	—	250	—	—	193	1 335	—	—	237
Farm workers	—	—	—	—	—	—	—	—	—	—	—	—	—
Service workers, including private household	377	535	2 019	846	2 517	1 715	788	285	48 632	7 673	490	207	4 160
Cleaning service workers	283	483	1 207	559	1 517	952	722	245	2 386	1 299	281	186	2 429
Food service workers	14	—	314	203	654	674	23	40	45 920	391	28	—	68
Health service workers	—	—	—	—	20	—	—	—	—	—	—	—	—
Personal service workers	39	18	51	—	105	—	26	—	189	81	20	21	524
Guards and watchmen	41	14	215	64	161	35	17	—	115	124	161	—	359
Other service workers, including private household	—	20	232	20	60	54	—	—	22	5 778	—	—	780
Female experienced unemployed ¹	13 152	2 571	39 489	14 549	79 900	31 239	7 670	22 556	109 617	66 869	17 742	15 580	17 519
Professional, technical, and kindred workers	720	190	868	161	752	46	174	125	615	855	353	326	559
Accountants	97	61	183	39	100	21	124	—	22	101	171	118	106
Computer specialists	—	—	38	—	22	—	—	—	—	20	21	104	32
Engineers	18	17	22	22	—	—	—	—	—	—	69	—	—
Librarians, archivists, and curators	—	—	—	—	—	—	22	—	—	19	—	—	—
Life and physical scientists	—	18	—	—	—	—	—	—	—	102	—	—	—
Physicians, dentists, and related practitioners	—	—	—	—	—	—	—	—	35	—	—	—	44
Registered nurses, dietitians, and therapists	—	15	—	—	—	—	—	—	—	—	—	—	—
Health technologists and technicians	—	—	47	—	—	—	—	23	—	—	—	—	21
Social scientists	—	—	—	—	—	—	—	—	—	—	—	—	—
Social and recreation workers	—	—	22	—	—	—	—	—	—	—	—	—	—
Teachers, except college and university	—	—	—	—	39	—	—	—	—	66	—	—	—
Engineering and science technicians	134	36	119	100	20	—	—	—	—	23	—	—	—
Technicians, exc. health, and engineering and science	19	—	21	—	—	—	—	—	—	—	—	19	—
Writers, artists, and entertainers	452	—	244	—	409	25	28	58	542	365	12	44	114
Other professional, technical, and kindred workers	—	43	172	—	162	—	—	—	16	159	80	41	242
Managers and administrators, except farm	207	16	806	20	2 096	976	245	1 344	2 864	2 198	591	100	1 142
Buyers, purchasing agents, and sales managers	—	—	—	—	1 048	106	18	384	172	641	21	—	21
Other managers and administrators	207	16	611	20	1 354	870	227	960	2 692	1 557	591	100	1 121
Salaried	207	16	463	20	1 972	520	170	784	1 857	1 056	591	100	1 011
Self-employed	—	—	148	20	76	350	57	176	835	501	—	—	110
Sales workers	144	24	2 073	485	43 054	7 528	423	13 339	1 281	24 995	130	1 130	2 491
Clerical and kindred workers	11 661	2 002	17 673	3 054	24 462	14 575	5 163	4 131	7 645	22 037	16 044	13 800	10 531
Billing clerks	47	19	513	80	190	55	70	42	—	156	52	41	40
Bookkeepers	351	266	3 487	850	1 463	597	1 796	740	661	3 662	2 500	981	763
Cashiers	43	121	412	181	8 464	12 278	5 517	1 266	5 710	4 455	461	86	142
Counter clerks, except food	184	—	506	41	1 303	20	21	21	200	54	37	—	17
File clerks	310	225	600	41	1 955	27	202	270	58	303	974	1 978	301
Office machine operators	177	123	1 052	200	725	212	105	40	102	503	1 304	842	121
Bookkeeping and billing machine operators	—	20	208	36	66	36	42	21	22	62	644	—	16
Keypunch operators	160	61	602	123	396	63	63	19	—	171	563	603	87

¹Excludes 18,237 male and 85,103 female unemployed persons who last worked in 1959 or earlier, for whom industrial and occupational data were not collected.

Table 7. Last Industry of the Experienced Unemployed by Occupation and Sex: 1970—Continued

[Data based on 5-percent sample, see text. For meaning of symbols, see text.]

United States		Wholesale trade		Retail trade					Finance, insurance, and real estate						
Occupation	Total	Transport, comm., and other public utilities—Con.		Food and farm products	General merchandise stores			Auto-motive dealers and gasoline stations	Apparel and accessories stores	Eating and drinking places	Other retail trade	Total	Banking and credit agencies	Insurance	Other finance and real estate
		Utilities and sanitary services	Com-muni-cations		Total	Food stores	General merchandise stores								
Female experienced unemployed—Continued															
Clerical and kindred workers—Continued															
Payroll and timekeeping clerks	19	17	192	132	356	140	40	—	90	86	59	—	—	—	—
Receptionists	44	41	665	131	1 057	215	103	55	29	655	654	148	41	18	349
Secretaries	778	335	3 362	280	4 840	875	973	204	258	2 294	8 802	2 296	157	349	2 963
Statistical clerks	199	81	268	82	325	190	38	44	—	53	687	124	423	140	423
Stenographers	18	63	144	42	52	29	—	—	—	23	299	97	59	143	140
Telephone operators	6 860	77	342	45	677	352	72	103	39	111	457	132	75	250	250
Typists	649	236	1 747	210	3 079	1 277	375	143	64	1 142	5 774	1 768	2 907	1 099	1 099
Other clerical and kindred workers	1 982	398	4 270	704	20 230	8 344	872	1 203	434	8 305	13 003	6 151	2 667	4 185	4 185
Craftsmen and kindred workers															
Foremen, n.e.c.	82	55	1 049	502	3 585	596	181	440	185	1 758	237	60	32	145	145
Mechanics and repairmen	—	—	226	145	297	185	21	20	26	45	63	43	—	—	—
Printing craftsmen	—	—	34	—	206	65	141	—	—	45	21	—	—	—	21
Printing press operators	—	—	22	—	174	88	—	—	—	86	17	—	—	—	—
Operatives, except transport															
Assemblers	118	107	14 241	9 248	14 429	2 961	796	2 708	526	3 587	265	43	22	200	200
Bottling and canning operatives	18	23	613	46	398	49	19	25	60	242	34	—	—	—	34
Checkers, examiners, inspectors, manufacturing	—	—	189	157	41	—	—	—	—	22	—	—	—	—	—
Graders and sorters, manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Packers and wrappers, except produce	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Produce graders and packers, exc. factory and farm	—	—	3 557	2 266	5 851	1 779	53	429	229	542	—	—	—	—	—
Mixing operatives	—	—	4 057	3 963	120	21	78	—	—	21	20	—	—	—	20
Sewers and stitchers	18	—	211	—	454	90	—	—	—	—	—	—	—	—	—
Other specified operatives	59	44	2 000	511	5 438	640	15	269	—	80	—	—	—	—	—
Machine operatives, miscellaneous specified	—	—	1 308	696	511	125	672	1 870	68	1 928	102	—	—	—	—
Machine operatives, not specified	23	16	285	149	183	65	19	21	81	140	25	25	—	—	102
Miscellaneous operatives	—	—	1 884	1 360	938	164	18	70	67	264	59	18	22	19	19
Not specified operatives	—	—	115	78	495	28	—	—	21	254	—	—	—	—	—
Transport equipment operatives															
Deliverymen and roulemen	51	—	162	83	628	102	144	—	174	173	22	—	—	—	—
Truck drivers	51	—	40	—	327	102	56	—	34	116	22	—	—	—	—
Laborers, except farm															
Farm workers	24	107	1 659	582	5 546	2 165	232	268	53	1 125	224	26	—	—	198
Service workers, except private household															
Cleaning service workers	145	70	938	414	112 760	3 712	—	—	—	—	—	—	—	—	—
Cleaners and charwomen	79	31	378	194	2 073	276	312	201	96 274	10 141	2 896	495	148	2 253	2 253
Food service workers	61	19	241	124	1 035	139	117	14	1 192	302	1 523	368	32	1 123	1 123
Waiters and food counter workers	—	39	197	128	101 575	2 652	73	14	517	187	889	137	14	738	738
Health service workers	—	—	65	20	71 985	1 891	159	60	94 567	2 246	317	68	76	173	173
Personal service workers	—	—	—	—	50	1 856	142	22	66 758	2 041	165	47	38	80	80
Protective service workers	66	—	152	15	1 443	539	36	116	33	17	58	21	21	37	37
Private household workers	—	—	21	—	307	199	—	11	52	304	454	59	19	376	376

¹Includes allocated cases not shown separately.

Table 7. Last Industry of the Experienced Unemployed by Occupation and Sex: 1970 - Continued

(Data based on 5-percent sample, see text. For meaning of symbols, see text)

United States	Professional and related services										Public administration			
	Business services	Auto-mobile services	Other repair services	Hotels and lodging places	Other personal services, including private household	Entertainment and recreation services	Health services, except hospitals			Educational and kindred services		Welfare, religious, nonprofit membership organizations	Other professional and related services	
							Hospitals	Health services, except hospitals	Government	Private				
Male experienced unemployed	31 841	17 780	14 308	17 689	25 559	36 694	85 808	12 284	5 426	17 991	9 847	13 431	26 829	83 358
Professional, technical, and kindred workers	6 372	110	532	1 001	851	11 704	31 489	1 283	1 013	6 933	3 518	3 184	15 558	5 252
Accountants	299			158	21	91	1 066			21		62	966	418
Architects	22						408			21	25		362	11
Computer specialists	640			16	20		477	22	17	35	51	48	304	140
Engineers	993		34		35	22	2 090	20			45	71	1 954	713
Aeronautical and astronautical	47						174						174	23
Chemical							50						50	320
Civil	25						349						349	93
Electrical and electronic	253					22	401	20			24		377	63
Industrial	194						137						117	61
Mechanical	156		34				285					71	285	153
Other engineers	318				35		694				21		602	154
Lawyers and judges						24	512		20				512	87
Librarians, archivists, and curators						20	279		23		45		42	146
Mathematical specialists	34						84		14				354	40
Life and physical scientists	182						533	23	14		26		167	237
Chemists	118						207		14				167	21
Operations and systems researchers and analysts	128					23	26				26		41	
Personnel and labor relations workers	988						219	39	586		66	45	41	
Physicians, dentists, and related practitioners							950	318	128					
Dentists							174		19					
Pharmacists							124	105	357					
Physicians, medical and osteopathic							570	213	82					
Other related practitioners							82							
Registered nurses, dietitians, and therapists							603	427	110		19	47		49
Health technologists and technicians	17					15	554	247	146		80		36	20
Religious workers							971					971		21
Social scientists	198						184	43	35		14		52	84
Social and recreation workers				422		461	1 298		17		35	1 089	24	456
Teachers, college and university							2 242				300			
Teachers, except college and university							5 449				1 300			
Teachers, except college and university	1 109	110	107	19	41	92	4 158	46			3 868	185	3 700	91
Engineering and science technicians	423		45		41	396	2 521				266		2 443	51
Electrical and electronic engineering technicians	19		19			24	190				22		154	20
Industrial and mechanical engineering technicians						305	40				18		21	359
Other engineering and science technicians	667		43	19		67	1 407	46		207	72		1 082	332
Technicians, exc. health, and eng. and science	37		22		39	173	158				55		40	643
Airplane pilots	18				39		61				18			63
Embalmers														
Radio operators and air traffic controllers			22											
Other technicians, exc. health, and eng. and science	19					173	97				20		40	466
Writers, artists, and entertainers	1 490			357	611	9 707	3 156	20		37	218	556	2 107	114
Other professional, technical, and kindred workers			369		84	680	6 072	61	45	441	351	110	5 064	803
Managers and administrators, except farm	1 502	579	349	1 374	1 228	2 067	2 861	245	130	557	463	711	755	3 774
Buyers, purchasing agents, and sales managers	313	18	40		40	81	81	22			39		20	237
Other managers and administrators	1 189	561	349	1 314	1 188	2 067	2 780	223	130	557	424	711	735	3 537
Salaries	1 074	458	220	899	763	1 722	2 706	223	130	557	398	711	687	3 537
Self-employed	115	103	129	415	425	345	74				26		48	
Sales workers	1 602	104	117	46	154	620	857	59	12	24	227	269	266	156
Newsboys														19
Other specified sales workers	769		73	25		46	133	22		24			87	
Salesmen and sales clerks, n.e.c.	833	104	44	21	154	574	724	37	12		227	269	179	137

*Excludes 18,237 male and 85,103 female unemployed persons who last worked in 1959 or earlier, for whom industrial and occupational data were not collected.

