

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970

Data based on 20-percent sample, see text. For meaning of symbols, see text

| Total, all industries | | Agriculture, forestry, and fisheries | | | | | | | | | | | |
|---|------------|--------------------------------------|---------|---|--------|------------------------|--------|----------|--------|-----------|--------|--|--------|
| Total | | Agricultural production | | Agricultural services, except horticultural | | Horticultural services | | Forestry | | Fisheries | | Agriculture, forestry, and fisheries—allocated | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| United States | | | | | | | | | | | | | |
| Total employed, 16 years old and over..... | | | | | | | | | | | | | |
| 47 623 754 | 28 929 845 | 2 054 271 | 220 602 | 100 473 | 40 902 | 121 237 | 8 462 | 45 718 | 8 129 | 33 519 | 3 180 | 165 830 | 38 165 |
| 6 800 554 | 4 550 584 | 7 449 | 1 819 | 27 708 | 3 096 | 6 759 | 599 | 26 859 | 1 669 | 1 661 | 123 | 4 146 | 577 |
| 520 601 | 182 945 | 756 | 264 | 186 | 103 | 121 | 49 | 228 | 116 | 44 | 26 | 103 | 19 |
| 54 233 | 1 981 | 101 | 4 | 30 | 4 | 4 437 | 196 | 133 | 10 | — | — | — | — |
| 204 614 | 49 923 | 63 | 32 | 21 | 27 | 8 | — | 95 | 10 | 11 | — | 46 | — |
| 124 956 | 36 381 | 47 | 26 | 17 | 23 | 8 | — | 84 | 10 | 11 | — | 38 | — |
| 68 213 | 11 736 | 16 | 6 | 4 | 4 | — | — | 11 | — | — | — | 8 | — |
| 11 445 | 1 806 | — | — | — | — | — | — | — | — | — | — | — | — |
| 1 187 932 | 19 577 | 741 | 6 | 95 | — | 161 | 6 | 1 934 | 38 | 238 | 6 | 233 | — |
| 64 508 | 1 075 | — | — | — | — | — | — | — | — | — | — | — | — |
| 51 404 | 1 668 | 5 | — | 5 | — | — | — | — | — | — | — | — | — |
| 170 684 | 2 293 | 264 | — | 13 | — | 27 | — | 1 438 | 33 | 15 | — | — | — |
| 276 556 | 4 684 | 53 | — | — | — | 16 | — | 43 | — | — | — | — | — |
| 178 716 | 5 309 | 71 | — | — | — | — | — | 111 | — | — | — | — | — |
| 175 586 | 1 716 | 42 | — | — | — | — | — | 43 | — | — | — | — | — |
| 15 115 | 199 | 5 | — | — | — | — | — | 20 | — | — | — | — | — |
| 4 464 | 51 | 4 | — | — | — | — | — | 11 | — | — | — | — | — |
| 10 876 | 153 | 19 | — | 4 | — | — | — | — | — | — | — | — | — |
| 53 872 | 398 | 4 | — | 15 | — | 50 | — | — | — | — | — | 16 | — |
| 186 151 | 2 921 | 274 | — | 58 | — | 48 | — | 257 | — | 6 | — | 63 | — |
| 6 345 | 1 247 | 60 | — | 48 | 10 | — | — | 25 | 1 010 | — | — | — | — |
| 38 217 | 1 591 | 284 | — | 275 | 4 | 18 | — | 20 | 375 | 735 | 63 | — | — |
| 216 | 5 177 | 30 | — | 30 | — | — | — | 10 | — | 5 | — | — | — |
| 259 221 | 13 180 | 42 | — | — | — | 6 | — | — | — | — | — | — | — |
| 11 360 | 11 869 | — | — | — | — | — | — | — | — | — | — | — | — |
| 247 841 | 12 311 | 42 | — | — | — | 6 | — | — | — | — | — | — | — |
| 26 818 | 101 916 | — | — | — | — | — | — | 9 | 11 | — | — | — | — |
| 22 001 | 99 851 | — | — | — | — | — | — | 9 | 15 | — | — | — | — |
| 4 817 | 2 065 | — | — | — | — | — | — | — | — | — | — | — | — |
| 23 041 | 12 048 | — | — | 24 | 5 | — | — | — | 24 | — | — | 6 | — |
| 3 810 | 1 150 | — | — | — | — | — | — | — | 46 | — | — | — | — |
| 5 927 | 1 716 | — | — | — | — | — | — | — | 5 | — | — | — | — |
| 13 304 | 9 182 | — | — | — | — | — | — | — | — | — | — | — | — |
| 175 892 | 26 597 | 1 187 | 126 | 24 | 5 | — | — | 41 | 24 | — | — | 6 | — |
| 11 694 | 1 011 | 950 | 86 | 790 | 201 | 894 | 160 | 763 | 59 | 321 | 11 | 9 | 4 |
| 5 255 | 520 | 6 | — | 462 | 174 | 880 | 155 | 370 | 8 | 121 | 11 | — | — |
| 19 126 | 10 254 | 109 | 11 | 297 | 24 | 14 | — | 17 | 22 | 189 | — | — | — |
| 95 599 | 12 887 | 98 | 29 | 31 | 3 | — | — | 264 | 14 | 6 | — | — | — |
| 19 085 | 17 715 | 20 | — | — | — | — | — | 33 | 5 | 6 | — | — | — |
| 2 992 | 161 | 4 | — | — | — | — | — | 6 | 5 | — | — | — | — |
| 21 075 | 866 | — | — | — | — | — | — | — | 6 | — | — | — | — |
| 1 066 | 183 | — | — | — | — | — | — | — | 6 | — | — | — | — |
| 71 841 | 7 637 | 5 | — | — | — | — | — | — | — | — | — | — | — |
| 201 446 | 89 310 | 197 | 53 | 102 | 10 | 91 | 6 | 285 | 7 | 14 | — | 17 | — |
| 493 081 | 45 665 | 171 | 10 | 15 738 | 785 | 36 | — | 20 | 103 | 31 | — | 26 | — |
| 12 602 | 1 127 | — | — | — | — | — | — | — | — | — | — | — | — |
| 87 691 | 3 110 | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 527 | 16 492 | — | — | — | — | — | — | — | — | — | — | — | — |
| 96 610 | 13 032 | — | — | — | — | — | — | — | — | — | — | — | — |
| 255 105 | 25 824 | 9 | — | — | — | — | — | — | — | — | — | — | — |
| 5 566 | 460 | — | — | — | — | — | — | — | — | — | — | — | — |
| 18 450 | 985 | 152 | 10 | 15 671 | 775 | 26 | — | — | — | — | — | — | — |
| 530 | 435 | 10 | — | 5 | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | Agriculture, forestry, and fisheries | | | | | | | | | | | | | |
|---|--------------------------------------|---------|-------------------------|--------|---|--------|------------------------|--------|----------|--------|-----------|--------|--|--------|
| | Total | | Agricultural production | | Agricultural services, except horticultural | | Horticultural services | | Forestry | | Fisheries | | Agriculture, forestry, and fisheries - allocated | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Professional, technical, and kindred workers - Continued | | | | | | | | | | | | | | |
| Registered nurses, dietitians, and therapists | 53 152 | 891 831 | 144 | 367 | 45 | 126 | 87 | 227 | 6 | - | - | - | - | 6 |
| Dietitians | 3 272 | 36 909 | 54 | 11 | 30 | 11 | 24 | 11 | - | - | - | - | - | - |
| Registered nurses | 22 332 | 807 359 | 84 | 334 | 15 | 122 | 63 | 212 | 6 | 6 | - | - | 6 | 14 |
| Therapists | 27 398 | 47 563 | 6 | 22 | 4 | 4 | 4 | 4 | - | - | - | - | 24 | 8 |
| Health technologists and technicians | 78 946 | 180 893 | 207 | 191 | 17 | 8 | 159 | 163 | 7 | 7 | - | 12 | 9 | 8 |
| Clinical laboratory technologists and technicians | 32 942 | 84 641 | 47 | 57 | 9 | - | 29 | 49 | - | - | - | - | - | - |
| Dental hygienists | 881 | 14 863 | 4 | 4 | 5 | - | - | 18 | - | - | - | - | - | - |
| Health record technologists and technicians | 16 767 | 35 463 | 7 | 23 | - | 5 | - | 5 | 7 | 7 | - | - | - | - |
| Radiologic technologists and technicians | 1 093 | 2 118 | - | 5 | - | - | - | - | - | - | - | - | - | - |
| Therapy assistants | 26 298 | 33 525 | 149 | 106 | 4 | 3 | 130 | 91 | - | - | - | 12 | 15 | - |
| Health technologists and technicians, n.e.c. | 227 614 | 26 062 | 14 | - | 10 | - | - | - | 4 | 4 | - | - | - | - |
| Religious workers | 211 830 | 6 237 | 14 | - | 10 | - | - | - | 4 | 4 | - | - | - | - |
| Clergymen | 15 784 | 19 825 | - | - | 46 | - | 21 | - | 4 | 4 | - | - | 5 | 5 |
| Religious workers, n.e.c. | 87 712 | 20 801 | 191 | 17 | 12 | 12 | 21 | - | 4 | 4 | - | - | 17 | 11 |
| Social scientists | 58 558 | 7 390 | 156 | 12 | 42 | 4 | 21 | - | - | - | - | - | 7 | 6 |
| Economists | 17 200 | 10 630 | 10 | 5 | 4 | - | - | - | - | - | - | - | 4 | 5 |
| Political scientists | 831 | 467 | 4 | - | - | - | - | - | - | - | - | - | - | - |
| Psychologists | 7 954 | 1 099 | 4 | - | - | - | - | - | 4 | 4 | - | - | - | - |
| Sociologists | 2 460 | 1 000 | 10 | - | - | - | - | - | - | - | - | - | - | - |
| Urban and regional planners | 109 901 | 156 053 | 164 | 22 | 35 | 6 | 6 | 16 | - | - | - | - | 10 | 10 |
| Social and recreation workers | 80 810 | 135 813 | 41 | 10 | 19 | 6 | 6 | 10 | - | - | - | - | 10 | 10 |
| Social workers | 29 091 | 20 240 | 123 | 12 | 16 | 6 | - | 6 | - | - | - | - | - | - |
| Recreation workers | 348 158 | 138 063 | 64 | 29 | 9 | 10 | 5 | - | - | - | - | - | 15 | 5 |
| Teachers, college and university | 27 129 | 23 037 | - | - | - | - | - | - | - | - | - | - | - | - |
| Adult education teachers | 741 048 | 674 376 | - | - | - | - | - | - | - | - | - | - | - | - |
| Elementary and secondary school teachers | 2 637 | 122 359 | 69 | 49 | 10 | 9 | 15 | - | 17 | 17 | - | - | 5 | - |
| Prekindergarten and kindergarten teachers | 44 969 | 106 393 | - | 9 | - | - | - | - | - | - | - | - | - | - |
| Teachers, except college and university, n.e.c. | 715 316 | 87 837 | 6 287 | 730 | 1 281 | 304 | 2 587 | 199 | 576 | 79 | 1 447 | 121 | 265 | 10 |
| Engineering and science technicians | 21 635 | 10 060 | 3 487 | 379 | 850 | 216 | 2 477 | 140 | 13 | 10 | 61 | 13 | 22 | 22 |
| Agriculture and biological, except health | 51 333 | 9 034 | 54 | - | 15 | - | 8 | - | - | - | - | - | 64 | - |
| Chemical | 262 858 | 22 257 | 940 | 161 | 123 | 9 | 21 | - | 372 | 69 | 285 | 73 | 11 | 10 |
| Draftsmen | 145 565 | 8 612 | 123 | 9 | 9 | - | - | - | - | - | 85 | 4 | 11 | 10 |
| Electrical and electronic engineering | 17 934 | 2 400 | - | 12 | - | - | - | - | - | - | - | - | - | 7 |
| Industrial engineering | 12 746 | 503 | 5 | - | - | - | - | - | - | - | 5 | - | - | - |
| Mechanical engineering | 678 | 92 | - | - | - | - | - | - | - | - | - | - | - | - |
| Mathematical | 57 678 | 1 690 | 996 | 4 | 112 | 4 | 24 | - | 183 | 8 | 653 | - | 24 | - |
| Surveyors | 144 869 | 33 189 | 682 | 165 | 172 | 75 | 57 | 59 | 8 | - | 338 | 31 | 45 | - |
| Engineering and science, n.e.c. | 137 856 | 17 636 | 3 086 | 170 | 113 | 42 | 2 165 | 56 | 22 | 5 | 686 | 67 | 20 | - |
| Technicians, except health, and engineering and science | 49 694 | 710 | 2 275 | 43 | 58 | - | 2 120 | 43 | 5 | - | 78 | - | 14 | - |
| Airplane pilots | 23 923 | 1 370 | - | - | - | - | - | - | - | - | - | - | - | - |
| Air traffic controllers | 4 528 | 221 | - | - | - | - | - | - | - | - | - | - | - | - |
| Embalmers | 6 181 | 164 | - | - | - | - | - | - | - | - | - | - | - | - |
| Flight engineers | 21 069 | 7 307 | 276 | 77 | 5 | 12 | 13 | 8 | - | - | - | 52 | - | - |
| Radio operators | 2 585 | 498 | 11 | 11 | - | - | 11 | - | - | - | - | - | - | - |
| Tool programmers, numerical control | 29 876 | 7 366 | 444 | 50 | 50 | 30 | 21 | 5 | 17 | 17 | 350 | 15 | 6 | - |
| Technicians, n.e.c. | 60 123 | 46 556 | 37 | 21 | 5 | 14 | - | 4 | - | - | 32 | 3 | - | - |
| Vocational and educational counselors | | | | | | | | | | | | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | Agriculture, forestry, and fisheries | | | | | | | | | | | | | | | | |
|--|--------------------------------------|-----------|--------|--------|-------------------------|--------|---|--------|------------------------|--------|----------|--------|-----------|--------|--|--------|--|
| | Total, all industries | | Total | | Agricultural production | | Agricultural services, except horticultural | | Horticultural services | | Forestry | | Fisheries | | Agriculture, forestry, and fisheries—allocated | | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Professional, technical, and kindred workers—Continued | | | | | | | | | | | | | | | | | |
| Writers, artists, and entertainers | 227 239 | 2 020 | 1 932 | 690 | 5 242 | 1 202 | 266 | 82 | 239 | 38 | 47 | — | 73 | 8 | | | |
| Actors | 3 882 | 6 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Athletes and kindred workers | 34 971 | 1 337 | 1 419 | 441 | 4 156 | 875 | 19 | 21 | 5 | — | 22 | — | — | — | | | |
| Authors | 17 933 | 7 443 | 6 | — | 5 | — | — | — | — | — | — | — | — | — | | | |
| Dancers | 1 072 | 4 878 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Designers | 83 117 | 25 671 | 37 | 98 | — | — | 218 | 42 | 44 | 7 | — | — | — | — | | | |
| Editors and reporters | 87 565 | 59 360 | 143 | 51 | 23 | 12 | 5 | 5 | 68 | 17 | 6 | — | — | — | | | |
| Musicians and composers | 56 341 | 31 493 | 21 | 8 | — | — | — | — | — | — | 5 | — | 16 | 8 | | | |
| Painters and sculptors | 64 614 | 36 279 | 94 | 25 | 11 | 4 | 9 | 5 | 20 | 5 | — | — | 33 | — | | | |
| Photographers | 55 785 | 8 906 | 43 | 9 | 8 | 5 | 6 | 4 | 15 | — | — | — | 19 | — | | | |
| Public relations men and publicity writers | 54 368 | 19 376 | 281 | 43 | 92 | 13 | 9 | 4 | 70 | 9 | 5 | — | — | — | | | |
| Radio and television announcers | 19 766 | 1 460 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Writers, artists, and entertainers, n.e.c. | 45 340 | 14 969 | 1 277 | 389 | 927 | 293 | — | — | 12 | — | 9 | — | 5 | — | | | |
| Research workers, not specified | 86 045 | 29 912 | 339 | 49 | 31 | 10 | 11 | — | 259 | 16 | 42 | — | — | — | | | |
| Professional, technical, and kindred workers—allocated | 289 732 | 242 742 | 3 451 | 533 | 81 | 40 | 74 | — | — | — | — | — | 3 296 | 493 | | | |
| Managers and administrators, except farm | 5 315 768 | 1 055 381 | 1 172 | 265 | 7 588 | 1 311 | 6 463 | 501 | 2 120 | 196 | 3 414 | 136 | 2 426 | 335 | | | |
| Assessors, controllers, and treasurers; local public administration | 17 338 | 10 664 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Bank officers and financial managers | 254 949 | 54 469 | 39 | 9 | 37 | 6 | — | — | 32 | 12 | — | — | — | — | | | |
| Buyers and shippers, farm products | 19 346 | 51 490 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Buyers, wholesale and retail trade | 123 171 | 51 570 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Credit men | 42 393 | 16 569 | 14 | — | 4 | — | 7 | — | — | — | — | — | — | — | | | |
| Funeral directors | 33 298 | 2 502 | 4 | — | — | — | — | — | — | — | — | — | — | — | | | |
| Health administrators | 46 604 | 37 535 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Construction inspectors; public administration | 18 185 | 289 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Inspectors, except construction; public administration | 74 692 | 5 513 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Managers and superintendents, building | 49 813 | 33 306 | 62 | — | 11 | — | 22 | — | 15 | — | — | — | — | — | | | |
| Office managers, n.e.c. | 126 869 | 85 325 | 783 | 672 | 230 | 237 | 103 | 112 | 67 | 76 | 20 | 7 | 58 | 19 | | | |
| Officers, pilots, and pursers; ship | 24 166 | 452 | 33 | — | 6 | — | — | — | 12 | — | 193 | 36 | — | — | | | |
| Officials and administrators; public administration, n.e.c. | 198 949 | 46 829 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Officials of lodges, societies, and unions | 42 083 | 8 002 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Postmasters and mail superintendents | 24 119 | 11 195 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Purchasing agents and buyers, n.e.c. | 139 412 | 22 026 | 919 | 85 | 249 | 10 | 79 | 16 | 203 | 43 | 46 | 5 | 49 | 5 | | | |
| Railroad conductors | 39 026 | 22 419 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Restaurant, cafeteria, and bar managers | 211 528 | 109 681 | 28 | 21 | 22 | — | — | — | 6 | — | — | — | — | — | | | |
| Sales managers and department heads, retail trade | 157 220 | 49 173 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| School managers, except retail trade | 237 617 | 8 671 | 806 | 47 | 4 | — | 160 | 21 | 52 | 10 | 7 | — | 48 | — | | | |
| School administrators, college | 29 797 | 9 131 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| School administrators, elementary and secondary | 124 074 | 46 189 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Managers and administrators, n.e.c., (excl. office managers, n.e.c.) | 3 087 120 | 402 873 | 16 798 | 1 576 | 6 704 | 1 033 | 6 058 | 352 | 1 733 | 55 | 1 148 | 88 | 983 | 48 | | | |
| Self-employed | 2 330 883 | 263 770 | 9 619 | 482 | 4 301 | 267 | 2 567 | 128 | 336 | 23 | 704 | 41 | 613 | 23 | | | |
| Salaries | 193 979 | 139 105 | 7 179 | 1 094 | 2 403 | 766 | 3 491 | 224 | 397 | 32 | 444 | 47 | 370 | 25 | | | |
| Managers and administrators, except farm—allocated | 193 979 | 42 506 | 1 406 | 267 | 84 | 10 | 34 | — | — | — | — | — | 1 288 | 257 | | | |
| Sales workers | 3 303 774 | 2 141 600 | 8 681 | 3 572 | 1 664 | 225 | 1 833 | 554 | 252 | 104 | 281 | 89 | 1 133 | 538 | | | |
| Advertising agents and salesmen | 50 499 | 12 177 | 5 | 5 | — | — | — | — | — | — | — | — | — | — | | | |
| Auctioneers | 4 493 | 4 287 | 164 | 3 | 152 | 3 | — | — | — | — | — | — | — | — | | | |
| Demonstrators | 3 392 | 34 482 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Hucksters and peddlers | 24 498 | 93 064 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Insurance agents, brokers, and underwriters | 399 155 | 56 469 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Newsboys | 51 529 | 10 093 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Real estate agents and brokers | 178 608 | 83 553 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Stock and bond salesmen | 88 399 | 8 880 | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Salesmen and sales clerks, n.e.c. | 1 683 501 | 88 399 | 3 501 | 2 048 | 1 457 | 208 | 1 781 | 543 | 252 | 104 | 281 | 89 | 646 | 169 | | | |
| Sales workers—allocated | 167 171 | 159 114 | 594 | 390 | 55 | 70 | 52 | 11 | — | — | — | — | 487 | 369 | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| Total, all industries | | Agriculture, forestry, and fisheries | | | | | | | | | | | |
|-----------------------|------------|--------------------------------------|--------|---|--------|------------------------|--------|----------|--------|-----------|--------|--|--------|
| Total | | Agricultural production | | Agricultural services, except horticultural | | Horticultural services | | Forestry | | Fisheries | | Agriculture, forestry, and fisheries—allocated | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| 3 642 442 | 10 105 818 | 3 504 | 14 806 | 2 509 | 14 582 | 748 | 3 537 | 1 158 | 4 890 | 177 | 544 | 2 228 | 4 882 |
| 34 364 | 214 879 | — | — | — | — | 5 | 22 | — | 19 | — | — | 5 | 13 |
| 18 799 | 87 202 | 1 261 | 6 564 | 996 | 3 817 | 190 | 1 101 | 136 | 452 | 41 | 139 | 144 | 262 |
| 276 657 | 1 238 111 | 57 | 235 | 40 | 45 | 10 | 65 | 3 | 55 | 5 | 5 | 35 | 81 |
| 134 051 | 689 461 | — | — | — | — | — | — | — | — | — | — | — | — |
| 261 | 937 | 30 | 16 | 19 | 27 | 7 | — | 25 | 54 | — | — | 19 | — |
| 64 360 | 48 362 | 5 | — | — | — | 5 | — | 4 | — | — | — | 26 | 10 |
| 32 839 | 18 486 | 13 | 134 | 17 | 4 | — | — | — | — | — | — | — | — |
| 75 925 | 151 605 | 31 | 5 | 21 | — | 9 | — | 22 | 16 | 6 | — | — | — |
| 49 891 | 9 958 | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 477 | 50 091 | 10 | 4 | 11 | — | — | — | 5 | — | — | — | 11 | — |
| 162 901 | 102 280 | 272 | 8 | 99 | 5 | 91 | 5 | 83 | 27 | — | — | 25 | — |
| 158 176 | 45 895 | 39 | 32 | 31 | 203 | 12 | 34 | 30 | 10 | 5 | 10 | 57 | 67 |
| 64 408 | 292 252 | 33 | 138 | 51 | — | 7 | — | 23 | 193 | — | — | — | — |
| 70 398 | 25 570 | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 034 | 97 293 | — | — | — | — | — | — | — | — | — | — | — | — |
| 232 958 | 19 566 | 63 | 80 | 9 | 43 | 24 | 14 | 18 | 52 | — | — | 25 | 4 |
| 31 675 | 53 433 | 70 | 20 | 22 | 29 | 18 | — | — | 5 | — | — | 22 | — |
| 44 450 | 10 963 | — | — | — | — | — | — | — | — | — | — | — | — |
| 32 184 | 831 | 63 | 317 | 48 | 302 | 6 | 19 | 41 | 172 | 6 | 6 | 37 | 52 |
| 145 178 | 407 402 | 5 | 26 | — | 33 | — | — | — | 9 | — | — | — | — |
| 6 703 | 56 565 | — | — | — | — | — | — | — | 4 | — | — | — | — |
| 3 053 | 31 843 | 33 | 15 | 7 | 35 | — | 7 | 25 | 4 | 6 | — | 24 | — |
| 83 023 | 34 199 | — | — | — | — | — | — | — | — | — | — | — | — |
| 8 739 | 11 526 | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 896 | 244 674 | 20 | 215 | 29 | 132 | 6 | 12 | 5 | 130 | — | — | 13 | 36 |
| 4 118 | 4 042 | — | — | — | — | — | — | — | — | — | — | — | — |
| 11 645 | 24 553 | 5 | 21 | 5 | 38 | — | — | 11 | 13 | — | — | 21 | 16 |
| 48 543 | 107 264 | 110 | 276 | 14 | 33 | 34 | 25 | 9 | 59 | — | 10 | — | — |
| 210 259 | 91 668 | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 069 | 21 030 | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 539 | 842 | 10 | — | 15 | — | 6 | — | 56 | — | — | — | 5 | 34 |
| 15 859 | 287 053 | 5 | 143 | 101 | 3 720 | — | 64 | 21 | 110 | 5 | 5 | 20 | 532 |
| 64 066 | 2 638 033 | 167 | 4 460 | 114 | 3 905 | 51 | 1 615 | 24 | 1 144 | 15 | 188 | — | — |
| 1 436 | 82 072 | — | — | — | — | — | — | — | — | — | — | — | — |
| 994 | 67 346 | — | — | — | — | — | — | — | — | — | — | — | — |
| 350 809 | 59 652 | 297 | 131 | 113 | 42 | — | — | — | — | — | — | — | — |
| 89 053 | 160 269 | 145 | 124 | 40 | 196 | 20 | 22 | 37 | 5 | 43 | 6 | 198 | 23 |
| 8 082 | 119 875 | 81 | 84 | 21 | 84 | 21 | 15 | 45 | 274 | 13 | 13 | 29 | 22 |
| 348 006 | 102 800 | 287 | 60 | 46 | 6 | 64 | 27 | 122 | 41 | 11 | 12 | 156 | 18 |
| 12 646 | 117 359 | — | — | — | — | — | — | — | — | — | — | — | — |
| 8 704 | 3 553 | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 458 | 384 543 | 9 | 52 | 5 | 40 | — | — | 15 | 22 | — | — | — | — |
| 62 422 | 35 615 | — | — | — | — | — | — | — | — | — | — | — | — |
| 56 834 | 920 612 | 56 | 572 | 30 | 578 | 7 | 135 | 51 | 1 451 | — | 82 | 54 | 136 |
| 27 619 | 11 268 | 78 | 47 | 162 | 56 | — | — | 141 | 4 | 10 | 16 | 17 | 19 |
| 172 573 | 302 267 | 73 | 204 | 153 | 236 | 46 | 57 | 57 | 55 | 10 | 5 | 40 | 133 |
| 199 807 | 607 437 | 320 | 1 037 | 296 | 1 094 | 59 | 278 | 190 | 562 | 25 | 22 | 1 185 | 3 476 |
| 207 108 | 550 101 | — | — | 56 | 50 | 51 | 15 | — | — | — | — | — | — |
| 10 088 483 | 521 147 | 21 133 | 1 335 | 4 660 | 169 | 7 888 | 140 | 4 031 | 141 | 1 004 | 35 | 4 142 | 201 |
| 6 430 | 294 | — | — | — | — | — | — | — | — | — | — | — | — |
| 76 634 | 32 558 | 6 | 14 | — | — | 9 | — | — | — | — | — | — | — |
| 9 978 | 249 | 87 | 57 | 29 | — | 4 | — | — | — | — | — | 10 | — |
| 29 174 | 371 | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 593 | 19 441 | — | — | — | — | — | — | — | — | — | — | — | — |
| 160 208 | 2 034 | 240 | — | — | — | 35 | — | 58 | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| United States | Agriculture, forestry, and fisheries | | | | | | | | | | | | | |
|---|--------------------------------------|---------|-------------------------|--------|--|--------|------------------------|--------|----------|--------|-----------|--------|--|--------|
| | Total | | Agricultural production | | Agricultural services except horticultural | | Horticultural services | | Forestry | | Fisheries | | Agriculture, forestry, and fisheries — allocated | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Craftsmen and kindred workers—Continued | | | | | | | | | | | | | | |
| Bulldozer operators | 87 313 | 1 135 | 3 830 | 73 | 1 527 | 34 | 496 | 9 | 1 368 | 18 | 384 | 12 | 55 | — |
| Cabinetmakers | 3 413 | 3 413 | 81 | — | 31 | — | 16 | — | 6 | — | 6 | — | — | — |
| Carpenters | 831 363 | 10 978 | 6 264 | 97 | 5 260 | 82 | 338 | 10 | 134 | 4 | 351 | 5 | 181 | — |
| Carpet installers | 43 219 | 748 | 5 | 4 | 5 | — | — | — | — | — | — | — | — | — |
| Cement and concrete finishers | 64 675 | 904 | 195 | 6 | 178 | 6 | — | — | 12 | — | — | — | 5 | — |
| Compositors and typesetters | 135 496 | 23 907 | 77 | 16 | 62 | 16 | 6 | — | 9 | — | 9 | — | — | — |
| Cranemen, derrickmen, and hoistmen | 150 332 | 1 939 | 554 | 9 | 276 | — | 21 | — | 62 | — | 84 | 9 | 40 | — |
| Decorators and window dressers | 29 709 | 40 231 | 231 | 740 | 198 | 699 | — | 10 | 17 | 31 | 9 | — | 7 | — |
| Dental laboratory technicians | 20 586 | 6 022 | 5 | — | 5 | — | — | — | — | — | — | — | — | — |
| Electricians | 459 843 | 8 616 | 548 | — | 439 | — | 59 | — | 16 | — | 26 | — | 8 | — |
| Electric power linemen and cablemen | 100 448 | 1 444 | 55 | 6 | 15 | 6 | — | — | 40 | — | — | — | — | — |
| Electrotypers and stereotypers | 6 730 | 283 | 4 | — | — | — | — | — | 4 | — | — | — | — | — |
| Engravers, except photengravers | 6 368 | 2 326 | 5 | — | — | — | — | — | — | — | — | — | — | — |
| Excavating, grading, and road machine operators, except bulldozer | 219 040 | 2 495 | 2 202 | 24 | 831 | 20 | 202 | — | 560 | 4 | 573 | — | 36 | — |
| Floor layers, except tile setters | 20 974 | 20 974 | 20 | — | 11 | — | — | — | 9 | — | — | — | — | — |
| Foremen, n.e.c. | 1 462 820 | 127 607 | 10 989 | 322 | 3 873 | 146 | 1 287 | 55 | 4 278 | 50 | 860 | 47 | 235 | 16 |
| Forgemen and hammermen | 14 649 | 14 649 | 16 | — | 6 | — | 5 | — | 5 | — | — | — | — | — |
| Furniture and wood finishers | 17 655 | 3 589 | 13 | — | 4 | — | — | — | — | — | — | — | — | — |
| Furriers | 2 206 | 461 | — | — | — | — | — | — | — | — | — | — | — | — |
| Glaziers | 24 241 | 779 | 14 | — | — | — | — | — | — | — | — | — | — | — |
| Heat treaters, annealers, and temperers | 19 711 | 598 | — | 5 | — | — | — | — | 4 | — | — | — | — | — |
| Inspectors, scalers, and graders, log and lumber | 15 188 | 1 864 | 242 | 17 | — | — | 5 | — | — | — | — | — | — | — |
| Inspectors, n.e.c. | 108 953 | 8 855 | 588 | 120 | 214 | 99 | 125 | 15 | 6 | — | 237 | 12 | 14 | — |
| Jewelers and watchmakers | 4 280 | 4 280 | — | — | — | — | — | — | — | — | — | — | — | — |
| Job and die setters, metal | 84 489 | 2 221 | — | — | — | — | — | — | — | — | — | — | — | — |
| Locomotive engineers | 48 948 | 392 | 20 | — | 4 | — | 5 | — | — | — | — | — | — | — |
| Locomotive firemen | 12 869 | 151 | 5 | — | 20 | — | — | — | — | — | — | — | — | — |
| Machinists | 366 899 | 11 754 | 595 | 19 | 274 | 5 | 89 | — | 19 | — | 22 | — | 24 | — |
| Mechanics and repairmen | 2 394 798 | 49 114 | 9 365 | 190 | 5 741 | 107 | 1 521 | 37 | 699 | 11 | 861 | 18 | 190 | 9 |
| Air conditioning, heating, and refrigeration | 116 531 | 1 061 | 123 | 7 | 89 | 7 | 24 | — | — | — | 15 | — | 10 | — |
| Aircraft | 136 214 | 4 001 | 329 | — | 33 | — | 281 | — | — | — | — | — | — | — |
| Automobile body repairmen | 106 506 | 1 332 | 7 | 9 | 7 | — | — | — | — | — | — | — | — | — |
| Automobile mechanics | 793 727 | 11 045 | 2 063 | 33 | 1 269 | 20 | 264 | 8 | 182 | 5 | 323 | 5 | 25 | — |
| Data processing machine repairmen | 30 844 | 864 | 11 | 6 | 6 | — | — | — | 6 | — | — | — | — | — |
| Farm implement | 33 141 | 416 | 186 | 18 | 1 011 | 11 | 169 | 7 | 6 | — | — | — | — | — |
| Heavy equipment mechanics, including diesel | 571 762 | 10 713 | 4 403 | 72 | 2 861 | 50 | 581 | 13 | 319 | 6 | 321 | 5 | 102 | 4 |
| Household appliance and accessory installers and mechanics | 120 284 | 2 539 | 119 | 10 | 71 | 5 | 4 | — | — | — | 8 | — | — | — |
| Loom fixers | 20 566 | 437 | 6 | — | 6 | — | — | — | — | — | — | — | — | — |
| Office machine | 38 812 | 688 | 11 | — | — | — | — | — | — | — | — | — | — | — |
| Radio and television | 132 438 | 5 011 | 156 | 13 | 30 | — | 10 | — | — | — | 116 | 13 | — | — |
| Railroad and car shop | 55 105 | 510 | 57 | 14 | 103 | 14 | 6 | — | — | — | — | — | — | — |
| Miscellaneous mechanics and repairmen | 168 804 | 7 790 | 472 | 8 | 50 | — | 102 | 4 | 122 | — | 57 | — | 53 | — |
| Not specified mechanics and repairmen | 20 264 | 2 707 | 422 | — | 204 | — | 80 | — | 70 | — | 21 | — | — | — |
| Millers; grain, flour, and feed | 6 973 | 157 | 4 | — | 4 | — | — | — | — | — | — | — | — | — |
| Millwrights | 77 519 | 903 | 95 | — | 34 | — | — | — | — | — | — | — | — | — |
| Molders, metal | 48 314 | 5 749 | 4 | — | — | — | — | — | — | — | — | — | — | — |
| Motion picture projectionists | 14 831 | 631 | 4 | — | — | — | 4 | — | — | — | — | — | — | — |
| Opticians, and lens grinders and polishers | 21 279 | 6 101 | — | — | — | — | — | — | — | — | — | — | — | — |
| Painters, construction and maintenance | 314 026 | 13 303 | 921 | 85 | 668 | 54 | 81 | 10 | 56 | 5 | 51 | 11 | 65 | 5 |
| Paperhangers | 9 149 | 1 111 | 5 | — | 5 | — | — | — | — | — | — | — | — | — |
| Pattern and model makers, except paper | 37 046 | 1 858 | — | — | — | — | — | — | — | — | — | — | — | — |
| Photengravers and lithographers | 28 828 | 3 842 | — | 4 | — | — | — | — | — | — | — | — | — | — |
| Piano and organ tuners and repairmen | 6 539 | 6 539 | — | — | — | — | — | — | — | — | — | — | — | — |
| Plasterers | 28 275 | 435 | 36 | — | 32 | — | 4 | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| Occupation | Agriculture, forestry, and fisheries | | | | | | | | | | | | | |
|--|--------------------------------------|------------------|-------------------------|--------------|---|--------------|------------------------|------------|--------------|------------|------------|--------------|--|--------------|
| | Total | | Agricultural production | | Agricultural services, except horticultural | | Horticultural services | | Forestry | | Fisheries | | Agriculture, forestry, and fisheries—allocated | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | | |
| United States | | | | | | | | | | | | | | |
| Craftsmen and kindred workers—Continued | | | | | | | | | | | | | | |
| Plumbers and pipe fitters | 377 769 | 4 110 | 367 | 4 | 27 | — | — | — | 25 | — | — | — | — | — |
| Power station operators | 17 752 | 4 557 | 4 | — | — | — | — | — | — | — | — | — | — | — |
| Pressmen and plate printers, printing | 143 326 | 13 346 | 10 | 5 | 5 | — | — | — | 4 | — | — | — | — | — |
| Rollers and finishers, metal | 18 378 | 1 264 | — | — | — | — | — | — | — | — | — | — | — | — |
| Roofers and slaters | 57 539 | 2 735 | 22 | — | — | — | — | — | — | — | — | — | — | — |
| Sheetmetal workers and fimsmiths | 151 309 | 2 898 | 63 | 6 | 13 | — | — | — | 12 | — | — | — | — | 6 |
| Shipfitters | 10 478 | 123 | 6 | — | — | — | — | — | — | — | — | — | — | — |
| Shoepartners | 24 820 | 6 343 | 6 | 14 | — | — | — | — | 6 | — | — | — | — | — |
| Sign painters and letterers | 17 334 | 1 609 | — | — | — | — | — | — | — | — | — | — | — | — |
| Stationary engineers | 168 259 | 2 467 | 179 | — | 52 | — | — | — | 36 | — | — | — | — | 40 |
| Stone cutters and stone carvers | 5 864 | 445 | 5 | — | — | — | — | — | 12 | — | — | — | — | — |
| Structural metal craftsmen | 73 098 | 868 | 134 | — | — | — | — | — | 4 | — | — | — | — | — |
| Tailors | 46 338 | 21 244 | 6 | — | — | — | — | — | — | — | — | — | — | — |
| Telephone installers and repairmen | 230 444 | 8 285 | 4 | 10 | 5 | — | — | — | 81 | — | — | — | — | — |
| Telephone linemen and spicers | 51 274 | 756 | — | — | — | — | — | — | — | — | — | — | — | — |
| Tile setters | 31 224 | 4 191 | 20 | — | 49 | — | — | — | — | — | — | — | — | — |
| Tool and die makers | 197 754 | 4 955 | 21 | — | 17 | — | — | — | — | — | — | — | — | 6 |
| Upshoers | 52 144 | 9 955 | 17 | — | 5 | — | — | — | 15 | — | — | — | — | 67 |
| Craftsmen and kindred workers, n.e.c. | 78 247 | 7 318 | 482 | 29 | 194 | 13 | 27 | 10 | 117 | 17 | — | — | — | 70 |
| Craftsmen and kindred workers—allocated | 598 855 | 27 679 | 3 139 | 182 | — | — | — | — | — | — | — | — | — | 2 732 |
| | 6 483 532 | 4 014 993 | 6 670 | 5 040 | 5 509 | 2 261 | 1 432 | 259 | 1 289 | 130 | 793 | 1 086 | 3 610 | 1 372 |
| Operatives, except transport | 23 842 | 20 498 | 10 | 42 | 41 | 23 | 9 | 13 | 9 | — | 3 | — | 165 | 77 |
| Asbestos and insulation workers | 489 296 | 454 611 | 17 | — | — | — | — | — | — | — | — | — | — | — |
| Assemblers | 6 776 | 6 311 | 59 | 38 | — | — | — | — | — | — | — | — | — | — |
| Blasters and powdermen | 30 588 | 15 909 | 20 | — | — | — | — | — | — | — | — | — | — | — |
| Boring and coning operatives | 10 398 | 163 | 57 | — | — | — | — | — | 29 | — | — | — | — | — |
| Chainmen, rodmen, and axmen; surveying | 362 643 | 327 530 | — | — | — | — | — | — | — | — | — | — | — | — |
| Checkers, examiners, and inspectors; manufacturing | 44 806 | 136 394 | 10 | 21 | — | — | — | — | — | — | — | — | — | — |
| Clothing ironers and pressers | 128 706 | 45 530 | 309 | 132 | 21 | 22 | 150 | 11 | 41 | 11 | — | — | — | 40 |
| Cutting operatives, n.e.c. | 4 706 | 92 114 | 24 | 41 | 10 | 24 | — | — | — | — | — | — | — | — |
| Dressmakers and seamstresses, except factory | 53 803 | 3 405 | 111 | — | — | — | — | — | — | — | — | — | — | — |
| Drillers, earth | 43 134 | 2 566 | 58 | — | — | — | — | — | 5 | — | — | — | — | — |
| Dry wall installers and lathers | 21 806 | 2 031 | — | — | — | — | — | — | — | — | — | — | — | — |
| Dyers | 90 508 | 23 665 | 15 | 22 | 4 | 22 | — | — | — | — | — | — | — | 11 |
| Filers, polishers, sanders, and buffers | 62 455 | 2 761 | 5 | 15 | — | — | — | — | — | — | — | — | — | 39 |
| Furnacemen, smelters, and pourers | 412 221 | 12 084 | 119 | 20 | 14 | 5 | 8 | — | — | — | — | — | — | — |
| Garage workers and gas station attendants | 13 656 | 24 352 | 46 | 13 | — | — | — | — | 12 | 6 | — | — | — | — |
| Graders and sorters, manufacturing | 6 551 | 19 356 | — | — | — | — | — | — | — | — | — | — | — | — |
| Produce graders and packers, except factory and farm | 4 706 | 108 022 | — | — | — | — | — | — | — | — | — | — | — | — |
| Heaters, metal | 240 318 | 41 112 | — | — | — | — | — | — | — | — | — | — | — | — |
| Laundry and drycleaning operatives, n.e.c. | 28 286 | 2 828 | — | — | — | — | — | — | — | — | — | — | — | — |
| Meat cutters and butchers | 28 286 | 1 855 | — | — | — | — | — | — | — | — | — | — | — | — |
| Meat wrappers, retail trade | 151 697 | 3 359 | — | — | — | — | — | — | — | — | — | — | — | — |
| Metal planers | 65 443 | 2 806 | — | — | — | — | — | — | — | — | — | — | — | — |
| Milliners | 44 007 | 1 496 | — | — | — | — | — | — | — | — | — | — | — | — |
| Mine operatives, n.e.c. | 201 449 | 314 067 | 1 962 | 4 307 | 408 | 569 | 119 | 12 | 55 | 24 | 66 | 270 | 25 | 37 |
| Mixing operatives | 97 506 | 16 457 | 57 | — | 17 | — | — | — | 6 | — | — | — | — | — |
| Oilers and greasers, except auto | 33 734 | 28 780 | 20 | 9 | — | — | — | — | 14 | — | — | — | — | — |
| Oilers and greasers, except auto | 373 619 | 37 474 | 317 | 23 | 40 | 10 | 4 | 6 | 13 | — | — | — | — | — |
| Painters, manufacturing articles | 53 788 | 14 831 | 43 | 10 | — | — | — | — | — | — | — | — | — | — |
| Packers and wrappers, except meat and produce | 135 432 | 7 882 | 51 | 7 | 10 | — | — | — | — | — | — | — | — | — |
| Photographic process workers | 133 209 | 7 566 | 184 | — | 47 | — | — | — | 9 | — | — | — | — | — |
| Printers, precision machine | 61 190 | 7 195 | 39 | 6 | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | Agriculture, forestry, and fisheries | | | | | | | | | | | | | |
|---|--------------------------------------|---------|-------------------------|--------|---|--------|------------------------|--------|----------|--------|-----------|--------|--|--------|
| | Total | | Agricultural production | | Agricultural services, except horticultural | | Horticultural services | | Forestry | | Fisheries | | Agriculture, forestry, and fisheries — allocated | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Operatives, except transport—Continued | | | | | | | | | | | | | | |
| Punch and stamping press operatives | 111 003 | 48 377 | 13 | 4 | — | — | — | — | — | — | — | — | 99 | 9 |
| Riveters and fasteners | 14 253 | 10 941 | 25 | 25 | — | — | — | — | — | — | — | — | 4 | — |
| Sawyers | 24 241 | 8 717 | — | — | — | — | — | — | 189 | 7 | 65 | — | 46 | — |
| Sewers and stitchers | 54 686 | 812 716 | 67 | 61 | 6 | 6 | — | — | — | — | 5 | — | — | — |
| Shoemaking machine operatives | 24 064 | 36 419 | — | — | — | — | — | — | — | — | — | — | — | — |
| Solders | 7 400 | 32 851 | 15 | 31 | — | — | — | — | — | — | — | — | 8 | 21 |
| Stationary firemen | 89 474 | 4 813 | 585 | 28 | 218 | 7 | 32 | 4 | 211 | 17 | 13 | — | 54 | — |
| Textile operatives | 196 730 | 232 578 | — | — | — | — | — | — | — | — | — | — | — | — |
| Carding, lapping, and combing operatives | 14 859 | 4 565 | — | — | — | — | — | — | — | — | — | — | — | — |
| Knitters, loopers, and tappers | 10 317 | 18 089 | — | — | — | — | — | — | — | — | — | — | — | — |
| Spinners, twistors, and winders | 56 867 | 99 222 | — | — | — | — | — | — | — | — | — | — | — | — |
| Weavers | 23 461 | 26 680 | — | — | — | — | — | — | — | — | — | — | — | — |
| Textile operatives, n.e.c. | 91 226 | 84 022 | — | — | — | — | — | — | — | — | — | — | — | — |
| Welders and flamecutters | 506 429 | 31 273 | 2 188 | 28 | 1 106 | 6 | 222 | 6 | 127 | — | 42 | 11 | 619 | 5 |
| Winding operatives, n.e.c. | 29 800 | 30 939 | 22 | 19 | 877 | 326 | 2 616 | 201 | 145 | 13 | 41 | 22 | 22 | 3 |
| Machine operatives, miscellaneous specified | 733 381 | 265 810 | 4 167 | 657 | 586 | 44 | 350 | 21 | 199 | 7 | 24 | — | 305 | 59 |
| Machine operatives, not specified | 414 753 | 151 943 | 1 456 | 101 | 802 | 84 | 584 | 193 | 237 | 33 | 337 | 678 | 169 | 25 |
| Miscellaneous operatives | 442 680 | 187 750 | 2 222 | 1 804 | 802 | 85 | 107 | 45 | 40 | 4 | 11 | — | 228 | 31 |
| Not specified operatives | 215 318 | 88 869 | 715 | 166 | 507 | — | 186 | 62 | — | — | — | — | 229 | 27 |
| Operatives, except transport—allocated | 414 657 | 302 717 | 1 746 | 1 119 | — | — | — | — | — | — | — | — | 1 386 | 1 034 |
| Transport equipment operatives | 2 825 883 | 132 052 | 27 498 | 766 | 15 065 | 480 | 5 106 | 149 | 2 393 | 54 | 615 | 20 | 3 462 | 53 |
| Boatmen and canalmen | 4 631 | 14 324 | 273 | 14 | 117 | 22 | 30 | — | 6 | — | 254 | 14 | — | — |
| Bus drivers | 169 942 | 66 000 | 167 | 22 | 9 | — | — | — | — | — | 9 | — | — | — |
| Conductors and motormen, urban rail transit | 9 322 | 13 | — | — | — | — | — | — | — | — | — | — | — | — |
| Deliverymen and roulemen | 600 609 | 19 691 | 4 650 | 218 | 3 429 | 163 | 628 | 48 | 272 | 7 | 78 | — | 194 | — |
| Fork lift and tow motor operatives | 213 017 | 3 842 | 1 000 | 30 | 469 | 25 | 222 | 5 | 42 | — | 16 | — | 211 | — |
| Motormen; mine, factory, logging camp, etc. | 9 642 | 153 | 14 | — | 7 | — | — | — | — | — | — | — | — | — |
| Parking attendants | 29 395 | 1 096 | 23 | — | — | — | 18 | — | 5 | — | — | — | — | — |
| Railroad brakemen | 46 844 | 537 | — | — | — | — | — | — | — | — | — | — | — | — |
| Railroad switchmen | 51 396 | 867 | 19 | — | 11 | — | 8 | — | — | — | — | — | — | — |
| Taxicab drivers and chauffeurs | 143 132 | 8 512 | 153 | 30 | 103 | 7 | 37 | 17 | 4 | — | 4 | — | — | — |
| Truck drivers | 1 359 505 | 20 120 | 19 116 | 410 | 10 846 | 263 | 4 106 | 79 | 1 978 | 41 | 250 | 6 | 1 118 | 11 |
| Transport equipment operatives—allocated | 188 448 | 10 675 | 2 070 | 42 | — | — | 45 | — | 86 | — | — | — | 1 939 | 42 |
| Labors, except farm | 3 146 982 | 284 300 | 140 683 | 18 132 | — | — | 18 240 | 12 293 | 93 253 | 2 618 | 25 019 | 1 046 | 16 133 | 1 390 |
| Animal caretakers, except farm | 14 743 | 14 619 | 11 726 | — | — | — | 13 849 | 11 638 | 36 | 34 | 708 | 54 | 15 | — |
| Carpenters' helpers | 42 523 | 66 | — | — | — | — | 6 | 6 | 11 | — | — | — | — | — |
| Construction laborers, except carpenters' helpers | 547 381 | 9 571 | 945 | 28 | — | — | 146 | 10 | 505 | 18 | 43 | — | — | — |
| Fishermen and oystermen | 25 959 | 1 147 | 24 113 | 901 | — | — | 543 | 9 | 147 | 8 | 23 418 | 884 | — | — |
| Freight and material handlers | 500 803 | 38 760 | 1 567 | 86 | — | — | 842 | 41 | 292 | 13 | 128 | 11 | 204 | 5 |
| Garbage collectors | 70 260 | 1 157 | 32 | — | — | — | — | — | 18 | — | 5 | — | — | — |
| Gardeners and groundskeepers, except farm | 286 396 | 8 424 | 94 272 | 2 602 | — | — | 888 | 32 | 92 059 | 2 526 | 124 | — | — | — |
| Longshoremen and stevedores | 42 349 | 8 705 | 53 | — | — | — | 23 | — | 5 | — | 19 | — | — | — |
| Lumbermen, craftsmen, and woodchoppers | 77 741 | 1 766 | 324 | 10 | — | — | 4 | — | 126 | — | 5 | — | — | — |
| Stock handlers | 481 815 | 104 292 | 277 | 76 | — | — | 80 | 22 | 16 | 27 | 73 | 20 | 108 | 7 |
| Teamsters | 7 138 | 301 | 22 | — | — | — | — | — | 12 | — | — | — | — | — |
| Vehicle washers and equipment cleaners | 104 384 | 12 155 | 184 | 61 | — | — | 96 | 38 | 43 | — | 26 | 13 | 15 | 10 |
| Warehousemen, n.e.c. | 102 812 | 3 861 | 221 | 10 | — | — | 49 | 5 | 17 | — | 13 | — | 41 | — |
| Miscellaneous laborers | 184 029 | 18 199 | 5 472 | 835 | — | — | 498 | 202 | — | — | 603 | 30 | 84 | — |
| Not specified laborers | 370 658 | 48 053 | 3 688 | 445 | — | — | 1 119 | 276 | — | — | 123 | 34 | 317 | 36 |
| Labors, except farm—allocated | 271 229 | 20 193 | 15 133 | 1 346 | — | — | — | — | 108 | — | 317 | — | 14 936 | 1 332 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

Data based on 20-percent sample, see text. For meaning of symbols, see text

| United States | Agriculture, forestry, and fisheries | | | | | | | | | | | | | | | |
|---|--------------------------------------|-----------|----------|---------|-------------------------|---------|---|--------|------------------------|--------|----------|--------|-----------|--------|--|--------|
| | Total, all industries | | Total | | Agricultural production | | Agricultural services, except horticultural | | Horticultural services | | Forestry | | Fisheries | | Agriculture, forestry, and fisheries—allocated | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Farmers and farm managers | 1 347 974 | 70 772 | 1347 974 | 70 772 | 1 275 448 | 60 805 | 3 033 | 753 | — | — | — | — | — | — | 69 493 | 9 214 |
| Farm laborers and farm foremen | 795 008 | 153 301 | 795 008 | 153 301 | 716 094 | 129 495 | 22 112 | 5 055 | — | — | — | — | — | — | 56 802 | 18 751 |
| Farm foremen | 30 740 | 1 882 | 30 740 | 1 882 | 29 043 | 1 811 | 1 697 | 71 | — | — | — | — | — | — | — | — |
| Farm laborers, wage workers | 648 316 | 94 903 | 648 316 | 94 903 | 630 573 | 90 255 | 17 743 | 4 648 | — | — | — | — | — | — | — | — |
| Farm laborers, unpaid family workers | 55 510 | 37 232 | 55 510 | 37 232 | 55 442 | 37 027 | 68 | 205 | — | — | — | — | — | — | — | — |
| Farm service laborers, self-employed | 3 477 | 506 | 3 477 | 506 | 1 036 | 402 | 2 441 | 104 | — | — | — | — | — | — | 56 802 | 18 751 |
| Farm laborers and farm foremen—allocated | 56 965 | 18 778 | 56 965 | 18 778 | — | — | 1 663 | 27 | — | — | — | — | — | — | — | — |
| Service workers, except private household | 3 837 317 | 4 790 039 | 10 523 | 6 860 | 4 278 | 4 495 | 2 324 | 1 008 | 468 | 200 | 1 074 | 204 | 555 | 101 | 2 255 | 852 |
| Cleaning service workers | 1 265 664 | 595 838 | 5 954 | 3 198 | 2 278 | 2 187 | 1 456 | 424 | 307 | 132 | 493 | 152 | 153 | 33 | 836 | 270 |
| Chambermaids and maids, except private household | 10 107 | 186 640 | 5 523 | 760 | 151 | 595 | 10 | 48 | 26 | 61 | 18 | 69 | 26 | 24 | 20 | 99 |
| Cleaners and charwomen | 186 640 | 252 423 | 623 | 1 881 | 277 | 1 422 | 208 | 224 | 281 | 53 | 475 | 83 | 127 | 9 | 68 | 81 |
| Janitors and sextons | 1 068 917 | 156 755 | 4 719 | 557 | 1 850 | 1 170 | 1 238 | 152 | — | — | — | — | — | — | 748 | 90 |
| Food service workers | 863 694 | 1 909 879 | 924 | 1 950 | 474 | 1 587 | 82 | 222 | 6 | 30 | 107 | 43 | 255 | 64 | — | — |
| Bartenders | 149 388 | 39 381 | 12 | 16 | — | 6 | — | 10 | — | — | — | — | — | — | — | — |
| Busboys | 80 884 | 13 528 | 8 | 4 | 350 | 1 374 | 62 | 135 | — | — | 4 | 4 | 252 | 43 | — | — |
| Cooks, except private household | 305 492 | 523 485 | 762 | 1 617 | — | — | — | — | — | — | 98 | 34 | — | — | — | — |
| Dishwashers | 102 119 | 63 991 | 20 | 12 | 5 | 12 | 10 | — | — | — | 5 | — | — | — | — | — |
| Food counter and fountain workers | 35 818 | 115 563 | 5 | 16 | 5 | 16 | — | — | — | — | — | — | — | — | — | — |
| Waiters | 111 934 | 907 466 | 54 | 222 | 45 | 132 | — | 61 | 6 | 3 | — | — | — | — | — | — |
| Waiters, n.e.c., except private household | 78 059 | 246 465 | 63 | 63 | 53 | 47 | 10 | 16 | — | — | — | — | — | — | — | — |
| Health service workers | 138 846 | 1 041 667 | 662 | 332 | 427 | 106 | 208 | 220 | 20 | 20 | 6 | — | — | — | — | — |
| Dental assistants | 1 866 | 86 309 | 35 | 44 | — | — | — | — | 5 | — | — | — | — | — | — | — |
| Health aides, except nursing | 18 305 | 100 602 | 495 | 145 | 353 | 23 | 131 | 122 | 11 | — | — | — | — | — | — | — |
| Health aides, n.e.c. | 1 106 | 16 549 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Lay midwives | 138 | 537 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Nursing aides, orderlies, and attendants | 108 946 | 609 022 | 102 | 117 | 34 | 45 | 61 | 66 | — | — | — | — | — | — | — | — |
| Practical nurses | 8 485 | 228 648 | 21 | 70 | 5 | 38 | 12 | 32 | 4 | 4 | — | — | — | — | — | — |
| Personal service workers | 385 223 | 768 985 | 446 | 738 | 184 | 580 | 78 | 58 | 14 | 23 | 80 | 9 | 42 | 4 | 48 | 64 |
| Airline stewardesses | 1 364 | 31 290 | 5 | 4 | — | — | — | — | 5 | — | — | — | — | — | — | — |
| Attendants, recreation and amusement | 51 757 | 16 335 | 58 | 74 | 11 | 54 | 39 | 9 | 4 | 5 | — | — | — | — | — | — |
| Attendants, personal service, n.e.c. | 22 530 | 37 262 | 185 | 74 | 74 | 54 | — | — | — | — | — | — | — | — | — | — |
| Baggage porters and bellhops | 18 158 | 7 814 | 8 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Barbers | 159 442 | 5 284 | 13 | 15 | 4 | 6 | 4 | 9 | — | — | — | — | — | — | — | — |
| Boarding and lodging house keepers | 3 270 | 389 | 8 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Bootblacks | 9 196 | 122 062 | 36 | 121 | 16 | 65 | — | — | — | — | — | — | — | — | — | — |
| Child care workers, except private household | 25 643 | 9 561 | 64 | — | 38 | 5 | 26 | 10 | — | — | — | — | — | — | — | — |
| Elevator operators | 46 663 | 424 873 | 65 | 15 | 5 | 5 | — | — | — | — | — | — | — | — | — | — |
| Hairdressers and cosmetologists | 29 076 | 74 256 | 72 | 504 | 32 | 445 | — | — | — | — | — | — | — | — | — | — |
| Housekeepers, except private household | 2 539 | 23 468 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| School monitors | 9 906 | 4 197 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Ushers, recreation and amusement | 3 592 | 11 712 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Welfare service aides | 894 705 | 57 532 | 1 938 | 56 | 915 | 35 | 377 | 4 | 27 | — | 394 | — | 98 | — | 127 | 17 |
| Protective service workers | 17 726 | 23 919 | 20 | 4 | 4 | 4 | 16 | — | — | — | — | — | — | — | — | — |
| Crossing guards and bridge tenders | 174 922 | 1 976 | 269 | — | 19 | — | — | — | — | — | — | — | — | — | — | — |
| Firemen, fire protection | 302 002 | 16 262 | 1 525 | 56 | 846 | 35 | 352 | 4 | 27 | — | 280 | — | 81 | — | 127 | 17 |
| Guards and watchmen | 4 913 | 203 | 94 | — | 46 | — | 9 | — | — | — | — | — | — | — | — | — |
| Marshals and constables | 362 396 | 13 098 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Police and detectives | 32 746 | 2 074 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sheriffs and bailiffs | 289 185 | 416 138 | 1 461 | 586 | — | — | 123 | 80 | — | — | — | — | — | — | 1 244 | 497 |
| Service workers, except private household—allocated | 36 037 | 1 109 858 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Private household workers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| | Mining | | | | | | | | | | | | Construction | |
|--|---------|--------|--------------|--------|-------------|--------|---|--------|---|--------|------------------|--------|--------------|---------|
| | Total | | Metal mining | | Coal mining | | Crude petroleum and natural gas extractions | | Nonmetallic mining and quarrying, except fuel | | Mining—allocated | | Total | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| United States | | | | | | | | | | | | | | |
| Total employed, 16 years old and over..... | 580 459 | 50 329 | 87 612 | 4 289 | 133 386 | 3 590 | 237 188 | 33 998 | 97 493 | 6 365 | 24 780 | 2 087 | 4 304 999 | 267 236 |
| Professional, technical, and kindred workers | 62 839 | 4 031 | 7 865 | 404 | 2 929 | 103 | 45 666 | 3 074 | 4 384 | 298 | 1 995 | 152 | 192 655 | 11 244 |
| Accountants..... | 8 292 | 1 218 | 925 | 74 | 397 | 41 | 6 251 | 982 | 688 | 113 | 31 | 8 | 12 994 | 3 806 |
| Architects..... | 55 | — | 5 | — | 11 | — | 34 | — | 5 | — | — | — | 2 308 | 35 |
| Computer specialists..... | 2 251 | 322 | 185 | 16 | 40 | — | 1 892 | 295 | 103 | 11 | 31 | — | 1 929 | 424 |
| Computer programmers..... | 1 410 | 257 | 109 | 16 | 28 | — | 1 165 | 236 | 77 | 5 | 31 | — | 1 304 | 316 |
| Computer systems analysts..... | 1 737 | 60 | 71 | — | 12 | — | 633 | 54 | 21 | — | — | — | 1 507 | 76 |
| Computer specialists, n.e.c..... | 104 | 5 | 5 | — | — | — | 94 | 5 | 5 | — | — | — | 118 | 32 |
| Engineers..... | 18 744 | 179 | 2 350 | 12 | 1 252 | 6 | 13 765 | 132 | 1 296 | 29 | 81 | — | 94 813 | 1 262 |
| Aeronautical and astronautical..... | 9 | — | — | — | — | — | 9 | — | — | — | — | — | 37 | — |
| Chemical..... | 1 125 | 25 | 64 | — | 23 | — | 894 | 10 | 144 | 9 | — | — | 1 078 | 11 |
| Civil..... | 1 278 | 17 | 142 | — | 126 | — | 850 | 17 | 156 | — | 4 | — | 71 638 | 903 |
| Electrical and electronic..... | 1 017 | 10 | 99 | — | 94 | — | 715 | 10 | 78 | — | 31 | — | 6 077 | 53 |
| Industrial..... | 1 263 | 16 | 253 | 5 | 117 | — | 698 | 11 | 184 | — | 11 | — | 2 980 | 98 |
| Mechanical..... | 1 353 | — | 136 | — | 80 | — | 986 | — | 146 | — | 5 | — | 6 096 | 79 |
| Metallurgical and materials..... | 232 | — | 161 | — | 4 | — | 51 | — | 16 | — | — | — | 205 | 7 |
| Mining..... | 3 017 | 21 | 1 370 | 7 | 757 | — | 482 | — | 424 | 14 | 4 | — | 120 | — |
| Petroleum..... | 7 842 | 78 | 21 | — | 5 | — | 7 816 | 78 | — | — | 3 | — | 53 | 6 |
| Sales..... | 728 | — | 16 | — | 10 | — | 620 | — | 79 | — | — | — | 2 745 | 38 |
| Engineers, n.e.c..... | 880 | 12 | 88 | — | 36 | — | 664 | 6 | 69 | 6 | 23 | — | 3 784 | 67 |
| Farm management advisors..... | 14 | — | 6 | — | 6 | — | 8 | — | — | — | — | — | — | — |
| Foresters and conservators..... | 38 | — | — | — | 19 | — | 13 | — | — | — | — | — | 486 | 16 |
| Home management advisors..... | 1 018 | 14 | 79 | — | 27 | — | 886 | 14 | 26 | — | — | — | 781 | 33 |
| Lawyers and judges..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Judges..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Lawyers..... | 1 018 | 14 | 79 | — | 27 | — | 886 | 14 | 26 | — | — | — | 781 | 33 |
| Librarians, archivists, and curators..... | 23 | 92 | 92 | 28 | — | — | 17 | 64 | 6 | — | — | — | 31 | 119 |
| Librarians..... | 19 | 92 | — | 28 | — | — | 13 | 64 | 6 | — | — | — | 28 | 119 |
| Archivists and curators..... | 4 | — | — | — | — | — | 4 | — | — | — | — | — | 3 | — |
| Mathematical specialists..... | 146 | 58 | 7 | — | 5 | — | 129 | 53 | 5 | 5 | — | — | 295 | 57 |
| Actuaries..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mathematicians..... | 59 | 13 | — | — | — | — | 59 | 13 | — | — | — | — | 68 | 5 |
| Statisticians..... | 87 | 45 | 7 | — | 5 | — | 70 | 40 | 5 | 5 | — | — | 227 | 52 |
| Life and physical scientists..... | 13 652 | 434 | 2 037 | 52 | 254 | 5 | 10 839 | 356 | 501 | 15 | 21 | 6 | 1 609 | 94 |
| Agricultural..... | 22 | — | — | — | — | — | 9 | — | 9 | — | 4 | — | 1 170 | — |
| Atmospheric and space..... | 5 | — | — | — | — | — | 5 | — | — | — | — | — | 6 | — |
| Biological..... | 19 | — | — | — | 5 | — | 14 | — | — | — | — | — | — | — |
| Chemists..... | 2 536 | 117 | 997 | 37 | 207 | 5 | 1 041 | 54 | 281 | 15 | 10 | 6 | 566 | 23 |
| Geologists..... | 10 936 | 295 | 1 040 | 15 | 42 | — | 9 643 | 280 | 211 | — | — | — | 585 | 53 |
| Marine..... | 30 | 5 | — | — | — | — | 30 | 5 | — | — | — | — | 95 | 14 |
| Physicists and astronomers..... | 104 | 12 | — | — | — | — | 97 | 12 | — | — | 7 | — | 96 | 4 |
| Life and physical, n.e.c..... | — | 5 | — | — | — | — | — | 5 | — | — | — | — | 10 | — |
| Operations and systems researchers and analysts..... | 421 | 21 | 59 | 11 | 19 | — | 311 | 10 | 27 | — | 5 | — | 445 | 41 |
| Personnel and labor relations workers..... | 1 816 | 92 | 337 | 17 | 82 | 4 | 1 160 | 51 | 232 | 20 | 5 | — | 3 621 | 354 |
| Physicians, dentists, and related practitioners..... | 97 | — | 51 | — | 19 | — | 27 | — | — | — | — | — | 88 | 8 |
| Chiropractors..... | 11 | — | 6 | — | — | — | 5 | — | — | — | — | — | 21 | — |
| Dentists..... | 76 | — | — | — | — | — | 16 | — | — | — | — | — | 32 | — |
| Optometrists..... | 5 | — | — | — | 5 | — | — | — | — | — | — | — | 5 | — |
| Pharmacists..... | 14 | — | 5 | — | 9 | — | — | — | — | — | — | — | 9 | — |
| Physicians, medical and osteopathic..... | 51 | — | 40 | — | 5 | — | 6 | — | — | — | — | — | 18 | — |
| Podiatrists..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Veterinarians..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health practitioners, n.e.c..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

Data based on 20-percent sample, see text. For meaning of symbols, see text

| United States | Mining | | | | | | | | | | | | Construction | |
|---|--------|--------|--------------|--------|-------------|--------|---|--------|---|--------|------------------|--------|--------------|--------|
| | Total | | Metal mining | | Coal mining | | Crude petroleum and natural gas extractions | | Nonmetallic mining and quarrying, except fuel | | Mining—allocated | | Total | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Professional, technical, and kindred workers—Continued | | | | | | | | | | | | | | |
| Registered nurses, dietitians, and therapists | 19 | 149 | — | 70 | — | 14 | 3 | 45 | 9 | 20 | 7 | — | 60 | 226 |
| Dietitians | 5 | — | — | — | — | — | — | — | 5 | — | — | — | 5 | — |
| Registered nurses | 7 | 149 | — | 70 | — | 14 | 3 | 45 | 4 | 20 | 7 | — | 41 | 215 |
| Therapists | 27 | 4 | 16 | 4 | — | — | 11 | — | — | — | — | — | 112 | 11 |
| Health technologists and technicians | 11 | — | 5 | — | — | — | 6 | — | — | — | — | — | 34 | — |
| Clinical laboratory technologists and technicians | — | — | — | — | — | — | — | — | — | — | — | — | 5 | — |
| Dental hygienists | — | — | — | — | — | — | — | — | — | — | — | — | 16 | — |
| Health record technologists and technicians | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Radiologic technologists and technicians | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Therapy assistants | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health technologists and technicians, n.e.c. | 16 | — | 11 | — | — | — | 5 | — | — | — | — | — | 57 | — |
| Religious workers | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Clergymen | 4 | — | — | — | — | — | — | — | 4 | — | — | — | 55 | 2 |
| Religious workers, n.e.c. | 4 | — | — | — | — | — | — | — | 4 | — | — | — | 50 | 2 |
| Social scientists | 483 | 22 | 15 | — | 14 | — | 388 | 22 | 60 | — | 6 | — | 580 | 63 |
| Economists | 443 | 22 | 15 | — | 14 | — | 348 | 22 | 60 | — | 6 | — | 404 | 46 |
| Political scientists | 5 | — | — | — | — | — | 5 | — | — | — | — | — | 4 | — |
| Psychologists | 9 | — | — | — | — | — | 5 | — | — | — | — | — | 10 | — |
| Sociologists | 5 | — | — | — | — | — | 5 | — | — | — | — | — | 5 | — |
| Urban and regional planners | 5 | — | — | — | — | — | 5 | — | — | — | — | — | 116 | 5 |
| Social scientists, n.e.c. | 21 | — | — | — | — | — | 21 | — | — | — | — | — | 41 | — |
| Social and recreation workers | 5 | — | 5 | — | — | — | — | — | — | — | — | — | 82 | 39 |
| Social | 5 | — | 5 | — | — | — | — | — | — | — | — | — | 55 | 27 |
| Recreation | 5 | — | 5 | — | — | — | — | — | — | — | — | — | 27 | 12 |
| Teachers, college and university | 15 | 13 | 4 | 6 | 6 | — | — | 7 | — | — | 5 | — | 59 | 10 |
| Adult education teachers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Elementary and secondary school teachers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Preschool and kindergarten teachers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Teachers, except college and university, n.e.c. | 66 | 10 | 22 | — | — | — | 33 | 5 | 11 | 5 | — | — | 293 | 30 |
| Engineering and science technicians | 11 063 | 988 | 1 395 | 91 | 670 | 23 | 7 869 | 820 | 1 066 | 54 | 63 | — | 51 966 | 2 281 |
| Agriculture and biological, except health | 42 | 9 | 16 | — | 4 | — | 20 | 5 | 6 | — | — | — | 1 230 | 57 |
| Chemical | 1 468 | 58 | 90 | 13 | 5 | — | 1 233 | 45 | 131 | — | 9 | — | 1 300 | 42 |
| Draftsmen | 3 175 | 622 | 384 | 47 | 160 | — | 2 430 | 551 | 176 | 24 | 25 | — | 20 781 | 1 504 |
| Electrical and electronic engineering | 699 | 15 | 58 | — | 11 | — | 607 | 15 | 15 | — | 8 | — | 1 913 | 34 |
| Industrial engineering | 91 | — | 19 | 9 | 5 | — | 4 | — | 63 | — | — | — | 93 | 12 |
| Mechanical engineering | 32 | — | 9 | — | — | — | 11 | — | 12 | — | 9 | — | 93 | — |
| Mathematical | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Surveyors | 1 714 | 24 | 272 | 6 | 341 | 9 | 972 | 5 | 129 | 4 | — | — | 18 000 | 249 |
| Engineering and science, n.e.c. | 3 842 | 251 | 556 | 16 | 148 | 10 | 2 592 | 199 | 534 | 26 | 12 | — | 8 556 | 383 |
| Technicians, except health, and engineering and science | 1 448 | 82 | 137 | 6 | 73 | — | 1 078 | 62 | 160 | 14 | — | — | 2 599 | 255 |
| Airplane pilots | 506 | 5 | 20 | — | 30 | — | 425 | 5 | 31 | — | — | — | 458 | 8 |
| Air traffic controllers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Embalmers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Flight engineers | 186 | — | — | — | — | — | 175 | 15 | 6 | — | — | — | 763 | 167 |
| Radio operators | 11 | — | 5 | 6 | — | — | 11 | — | — | — | — | — | 37 | 6 |
| Tool programmers, numerical control | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Technicians, n.e.c. | 745 | 51 | 112 | — | 43 | — | 467 | 42 | 123 | 9 | — | — | 1 341 | 74 |
| Vocational and educational counselors | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| United States | Mining | | | | | | | | | | Construction | | | |
|--|--------|--------|--------------|--------|-------------|--------|---|--------|---|--------|------------------|--------|---------|--------|
| | Total | | Metal mining | | Coal mining | | Crude petroleum and natural gas extractions | | Nonmetallic mining and quarrying, except fuel | | Mining—allocated | | Total | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Writers, artists, and kindred workers—Continued | | | | | | | | | | | | | | |
| Actors | 919 | 148 | 114 | 17 | 19 | 5 | 623 | 109 | 148 | 12 | 15 | 5 | 7 318 | 1 244 |
| Athletes and kindred workers | 66 | — | — | — | — | — | 53 | — | 13 | — | — | — | 202 | 5 |
| Authors | 19 | — | — | — | — | — | 19 | — | — | — | — | — | 102 | 24 |
| Dancers | 155 | 14 | 41 | 8 | 6 | — | 84 | 6 | 19 | — | 5 | — | 4 772 | 736 |
| Designers | 71 | 37 | 20 | — | 5 | — | 30 | 33 | 16 | 4 | — | — | 157 | 146 |
| Editors and reporters | 5 | 5 | — | — | — | — | — | — | — | — | — | — | 93 | 25 |
| Musicians and composers | 77 | 12 | 3 | — | — | — | 58 | 12 | 16 | — | — | — | 498 | 136 |
| Painters and sculptors | 70 | 5 | 3 | — | — | — | 57 | 5 | 10 | — | — | — | 342 | 14 |
| Photographers | 398 | 70 | 42 | 9 | — | 5 | 283 | 48 | 68 | 8 | — | — | 911 | 120 |
| Public relations men and publicity writers | 58 | 5 | 5 | — | 8 | — | 39 | 5 | 6 | — | — | — | 218 | 32 |
| Radio and television announcers | 498 | 28 | — | — | 16 | 5 | 329 | 24 | 37 | — | — | — | 401 | 82 |
| Writers, artists, and entertainers, n.e.c. | 1 725 | 133 | 116 | — | — | — | — | — | — | — | 1 725 | 133 | 9 705 | 753 |
| Research workers, not specified | | | | | | | | | | | | | | |
| Professional, technical, and kindred workers—allocated | | | | | | | | | | | | | | |
| Managers and administrators, except farm | 36 986 | 1 426 | 2 375 | 110 | 3 092 | 100 | 23 150 | 931 | 7 010 | 223 | 1 359 | 62 | 420 477 | 12 128 |
| Assessors, controllers, and treasurers; local public administration | — | — | 70 | — | 33 | — | 222 | 15 | 78 | 3 | — | — | 1 261 | 133 |
| Bank officers and financial managers | 403 | 18 | — | — | — | — | — | — | — | — | — | — | — | — |
| Buyers and shippers, farm products | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Buyers, wholesale and retail trade | — | — | — | — | 6 | — | 149 | 8 | 46 | — | — | — | 268 | 93 |
| Credit men | 201 | 8 | — | — | — | — | — | — | — | — | — | — | 12 | — |
| Federal directors | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health administrators | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Construction inspectors; public administration | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Inspectors, except construction; public administration | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Managers and superintendents, building | 46 | — | — | — | 14 | — | 32 | — | — | — | — | — | 838 | 143 |
| Office managers, n.e.c. | 1 582 | 297 | 123 | 42 | 101 | 29 | 960 | 167 | 378 | 59 | 20 | — | 8 023 | 3 429 |
| Officers, pilots, and pursers; ship | 737 | 34 | 29 | — | — | — | 574 | 29 | 134 | 5 | — | — | 1 289 | 23 |
| Officials and administrators; public administration, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | 3 283 | 42 |
| Officials of lodges, societies, and unions | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Postmasters and mail superintendents | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Purchasing agents and buyers, n.e.c. | 4 231 | 150 | 322 | 12 | 251 | 16 | 3 335 | 103 | 308 | 14 | 15 | 5 | 10 395 | 490 |
| Railroad conductors | 10 | 5 | — | — | — | — | — | — | 10 | — | — | — | 92 | 27 |
| Restaurant, cafeteria, and bar managers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sales managers and department heads, retail trade | 1 301 | 38 | 60 | 3 | 48 | 7 | 943 | 22 | 229 | — | 21 | 6 | 3 549 | 97 |
| Sales managers, except retail trade | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| School administrators, college | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| School administrators, elementary and secondary | 27 360 | 839 | 1 800 | 48 | 2 610 | 48 | 16 935 | 587 | 5 827 | 142 | 188 | 14 | 370 994 | 7 079 |
| Managers and administrators, n.e.c., (excl. office managers, n.e.c.) | 21 392 | 592 | 1 608 | 39 | 2 135 | 27 | 12 736 | 389 | 4 785 | 128 | 128 | 9 | 235 916 | 4 694 |
| Salaried | 5 968 | 247 | 192 | 9 | 475 | 21 | 4 199 | 198 | 1 042 | 14 | 60 | 5 | 135 078 | 2 385 |
| Self-employed | 1 115 | 37 | — | — | — | — | — | — | — | — | 1 115 | 37 | 20 473 | 572 |
| Managers and administrators, except farm—allocated | | | | | | | | | | | | | | |
| Sales workers | 4 459 | 183 | 168 | 5 | 211 | 23 | 2 771 | 80 | 1 029 | 58 | 280 | 17 | 30 949 | 3 406 |
| Advertising agents and salesmen | 21 | — | — | — | — | — | 15 | — | 6 | — | — | — | 70 | 16 |
| Auctioneers | — | — | — | — | — | — | — | — | — | — | — | — | 6 | — |
| Demonstrators | 10 | 5 | — | — | — | — | 10 | 5 | — | — | — | — | 9 | 5 |
| Hucksters and peddlers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Insurance agents, brokers, and underwriters | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Newsboys | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Real estate agents and brokers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Stock and bond salesmen | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Stockmen and sales clerks, n.e.c. | 4 313 | 178 | 168 | 5 | 211 | 23 | 2 746 | 75 | 1 023 | 58 | 165 | 17 | 27 760 | 2 867 |
| Sales workers—allocated | 115 | — | — | — | — | — | — | — | — | — | 115 | — | 3 104 | 518 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | Mining | | | | | | | | | | Construction | | | |
|--|---------|--------|--------------|--------|-------------|--------|---|--------|---|--------|------------------|--------|-----------|---------|
| | Total | | Metal mining | | Coal mining | | Crude petroleum and natural gas extractions | | Nonmetallic mining and quarrying, except fuel | | Mining—allocated | | Total | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Bank tellers..... | 23 692 | 36 913 | 2 872 | 2 867 | 3 636 | 2 058 | 12 150 | 25 834 | 4 096 | 4 503 | 938 | 1 651 | 702 741 | 187 486 |
| Billing clerks..... | 250 | 353 | 35 | 41 | 59 | 22 | 119 | 203 | 31 | 87 | 6 | 6 | 402 | 1 034 |
| Bookkeepers..... | 4 181 | 5 396 | 402 | 231 | 482 | 29 | 2 436 | 3 636 | 823 | 1 251 | 38 | 18 | 15 627 | 52 140 |
| Cashiers..... | 103 | 130 | — | 10 | 17 | — | 46 | 87 | 34 | 4 | 6 | — | 374 | 376 |
| Clerical assistants, social welfare..... | 302 | 62 | 21 | 16 | 13 | 6 | 247 | 40 | 21 | — | — | — | 747 | 316 |
| Clerical supervisors, n.e.c..... | 74 | 6 | — | 6 | 4 | — | 53 | — | 17 | — | — | — | 207 | 16 |
| Collectors, bill and account..... | 150 | 75 | 40 | 27 | 20 | 6 | 63 | 42 | 27 | 23 | — | — | 524 | 172 |
| Counter clerks, except food..... | 1 175 | 61 | 51 | 4 | 9 | — | 735 | 33 | 380 | 28 | — | — | 1 135 | 158 |
| Dispatchers and starters, vehicle..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Enumerators and interviewers..... | 18 | 6 | — | — | 6 | — | 12 | 6 | — | — | — | — | 263 | 63 |
| Estimators and investigators, n.e.c..... | 1 118 | 158 | 41 | 15 | 104 | — | 873 | 122 | 90 | 21 | 10 | — | 34 334 | 772 |
| Expeditors and production controllers..... | 1 145 | 271 | 160 | 10 | 17 | — | 791 | 247 | 172 | 14 | 5 | — | 4 283 | 277 |
| File clerks..... | 378 | 892 | 43 | 65 | 6 | 37 | 281 | 723 | 43 | 62 | 5 | 5 | 1 358 | 2 717 |
| Insurance adjusters, examiners, and investigators..... | 4 | — | — | — | — | — | 4 | — | — | — | — | — | 53 | 8 |
| Library attendants and assistants..... | 17 | 15 | — | 10 | — | — | 17 | 5 | — | — | — | — | 20 | 49 |
| Mail carriers, post office..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mail handlers, except post office..... | 323 | 236 | 22 | 71 | 14 | 11 | 238 | 203 | 49 | 6 | — | — | 667 | 435 |
| Messenger's, including telegraph, and office boys..... | 126 | 21 | 23 | 5 | 14 | — | 72 | 16 | 11 | — | — | — | 722 | 145 |
| Meter readers, utilities..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Office machine operators..... | 1 536 | 2 093 | 118 | 194 | 61 | 76 | 1 263 | 1 648 | 84 | 170 | 10 | 5 | 1 432 | 3 671 |
| Bookkeeping and billing machine..... | 59 | 148 | 5 | 15 | 5 | — | 32 | 118 | 17 | 15 | — | — | 110 | 570 |
| Calculating machine..... | 14 | 159 | — | 5 | — | — | 14 | 149 | — | — | — | — | 31 | 152 |
| Computer and peripheral equipment..... | 1 088 | 175 | 54 | 10 | 40 | 6 | 945 | 111 | 44 | 48 | 5 | — | 688 | 426 |
| Duplicating machine..... | 73 | 68 | 22 | 5 | — | — | 46 | 63 | — | — | — | — | 204 | 86 |
| Key punch..... | 204 | 1 429 | 32 | 160 | 11 | 60 | 137 | 1 102 | 19 | 102 | 5 | 5 | 284 | 2 968 |
| Tabulating machine..... | 30 | 92 | — | — | — | — | 30 | 22 | — | — | — | — | 9 | 33 |
| Office machine, n.e.c..... | 68 | 22 | 5 | 4 | — | — | 59 | 83 | 4 | — | — | — | 106 | 136 |
| Payroll and timekeeping clerks..... | 811 | 596 | 189 | 88 | 155 | 96 | 370 | 295 | 157 | 117 | — | — | 5 609 | 5 395 |
| Postal clerks..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Proofreaders..... | 36 | — | — | — | — | — | — | — | — | — | — | — | 1 307 | 25 |
| Real estate appraisers..... | 45 | 788 | 17 | 82 | — | — | 23 | 610 | 5 | — | — | — | 236 | 3 920 |
| Receptionists..... | 556 | 16 850 | 110 | 1 567 | 38 | 875 | 289 | 12 488 | 115 | 1 862 | 4 | 58 | 3 150 | 74 985 |
| Secretaries..... | 14 | 298 | — | 18 | — | — | 9 | 275 | 5 | — | — | — | 5 | 174 |
| Legal..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Medical..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Shipping and receiving clerks..... | 777 | 52 | 126 | 10 | 144 | 5 | 251 | 30 | 221 | 17 | 35 | — | 2 282 | 107 |
| Statistical clerks..... | 1 026 | 474 | 90 | 40 | 83 | 20 | 776 | 395 | 72 | 44 | 5 | 5 | 1 783 | 1 034 |
| Stenographers..... | 2 927 | 112 | 592 | 15 | 1 429 | 27 | 514 | 39 | 366 | 31 | 26 | — | 5 884 | 2 930 |
| Stock clerks and storekeepers..... | — | — | — | — | — | — | — | — | — | — | — | — | — | 414 |
| Teacher aides, except school monitors..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Telephone operators..... | 12 | — | — | — | — | — | — | — | — | — | — | — | 28 | 7 |
| Telephone operators..... | 210 | 614 | 60 | 45 | 57 | 35 | 45 | 459 | 48 | 75 | — | — | 119 | 1 353 |
| Ticket, station, and express agents..... | 368 | 2 652 | 110 | 254 | 69 | 131 | 139 | 2 014 | 50 | 233 | — | 20 | 1 005 | 13 166 |
| Typists..... | 1 491 | 115 | 116 | 31 | 491 | 19 | 44 | 840 | 840 | 91 | — | — | 1 091 | 88 |
| Weighers..... | 997 | 482 | 95 | 31 | 59 | 5 | 729 | 394 | 104 | 35 | 10 | 17 | 6 390 | 1 607 |
| Miscellaneous clerical workers..... | 2 778 | 1 747 | 411 | 122 | 285 | 120 | 1 723 | 1 264 | 336 | 236 | 23 | 5 | 6 390 | 9 321 |
| Not specified clerical workers..... | 744 | 1 503 | — | — | — | — | — | — | — | — | — | — | 7 022 | 10 785 |
| Clerical and kindred workers—allocated..... | 156 615 | 1 631 | 28 792 | 245 | 42 009 | 328 | 51 747 | 763 | 28 570 | 280 | 15 | 15 | 2 528 886 | 30 811 |
| Craftsmen and kindred workers..... | 11 | — | — | — | 6 | — | 9 | 6 | 5 | — | — | — | 102 | — |
| Automobile accessories installers..... | 14 | 6 | 5 | — | — | — | — | 6 | 45 | — | — | — | 54 | — |
| Bakers..... | 316 | — | 143 | — | 68 | — | 60 | 3 | 9 | — | — | — | 284 | 64 |
| Blacksmiths..... | 462 | 7 | 287 | 4 | 24 | — | 131 | 3 | — | — | — | — | 4 858 | — |
| Boilermakers..... | 12 | — | — | — | — | — | 12 | — | — | — | — | — | 22 | — |
| Bookbinders..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Brickmasons and stonemasons..... | 562 | — | 140 | — | 294 | — | 33 | — | 95 | — | — | — | 138 445 | 1 522 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| | Total | | Mining | | | | Construction | | | | | | | |
|---|--------|--------|--------------|--------|-------------|--------|---|--------|---|--------|------------------|--------|---------|--------|
| | Male | Female | Metal mining | | Coal mining | | Crude petroleum and natural gas extractions | | Nonmetallic mining and quarrying, except fuel | | Mining—allocated | | Total | |
| | | | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| United States | | | | | | | | | | | | | | |
| Craftsmen and kindred workers—Continued | | | | | | | | | | | | | | |
| Bulldozer operators | 6 955 | 44 | 1 205 | 4 | 3 213 | 24 | 630 | 9 | 1 907 | 7 | — | — | 44 824 | 492 |
| Cabinetmakers | 30 | — | 16 | — | 6 | — | — | — | 8 | — | — | — | 4 047 | 61 |
| Carpenters | 7 006 | 72 | 1 196 | 22 | 4 772 | 35 | 404 | 8 | 634 | 7 | — | — | 625 233 | 6 427 |
| Carpet installers | 6 | — | — | — | — | — | — | — | — | — | — | — | 20 686 | 248 |
| Cement and concrete finishers | 88 | — | 30 | — | 6 | — | 29 | — | 23 | — | — | — | 60 111 | 745 |
| Compositors and typesetters | 134 | — | 26 | — | 13 | — | 74 | — | 21 | — | — | — | 20 952 | 51 |
| Cranemen, derrickmen, and hoistsmen | 5 809 | 26 | 1 547 | 7 | 645 | 2 | 1 246 | 9 | 2 353 | 8 | 18 | — | 27 023 | 262 |
| Decorators and window dressers | 10 | — | 5 | — | — | — | — | — | 5 | — | — | — | 159 | 51 |
| Dental laboratory technicians | 15 | — | 5 | — | — | — | — | — | 5 | — | — | — | 137 | — |
| Electricians | 9 955 | 147 | 2 612 | 21 | 4 819 | 70 | 1 520 | 31 | 1 004 | 25 | — | — | 204 099 | 2 116 |
| Electric power linemen and cablemen | 186 | 4 | 24 | — | 17 | 4 | 145 | — | 4 | — | — | — | 13 602 | 209 |
| Electrotypers and stereotypers | 4 | — | — | — | — | — | — | — | — | — | — | — | 103 | 10 |
| Engravers, except photoengravers | 42 | — | — | — | 23 | — | — | — | 19 | — | — | — | 432 | 8 |
| Excavating, grading, and road machine operators; except bulldozer | 12 857 | 125 | 1 987 | 9 | 3 710 | 32 | 946 | 18 | 6 214 | 66 | — | — | 173 933 | 7 878 |
| Floor layers, except tile setters | 63 | — | 4 | — | 10 | — | 43 | — | 6 | — | — | — | 13 279 | 100 |
| Forgemen, n.e.c. | 41 179 | 511 | 6 939 | 59 | 10 333 | 51 | 17 007 | 324 | 6 812 | 77 | 88 | — | 150 420 | 1 613 |
| Foremen and hammermen | 94 | 6 | 28 | — | 30 | 6 | 10 | — | 20 | — | 6 | — | 234 | 20 |
| Furniture and wood finishers | 15 | — | — | — | 5 | — | — | — | 10 | — | — | — | 186 | — |
| Furniers | 8 | — | — | — | — | — | — | — | — | — | — | — | 40 | — |
| Glaziers | 16 | — | 7 | — | 5 | — | 4 | — | 8 | — | — | — | 6 051 | 48 |
| Heat treaters, annealers, and temperers | 5 | — | 5 | — | — | — | — | — | — | — | — | — | 34 | — |
| Inspectors, scalers, and graders; log and lumber | 2 970 | 43 | 322 | 9 | 1 114 | 21 | 1 237 | 13 | 242 | 5 | — | — | 22 331 | 334 |
| Inspectors, n.e.c. | 6 | — | — | — | — | — | — | — | — | — | — | — | 51 | 6 |
| Jewelers and watchmakers | 40 | — | — | — | 5 | — | 19 | — | 16 | — | — | — | 116 | — |
| Job and die setters, metal | 655 | — | 328 | — | 74 | — | 14 | — | 239 | — | — | — | 53 | — |
| Locomotive engineers | 22 | — | 7 | — | 6 | — | — | — | 9 | — | — | — | 14 | — |
| Locomotive firemen | 3 644 | 33 | 1 256 | 14 | 781 | — | 1 008 | 5 | 553 | 14 | 46 | — | 4 080 | 79 |
| Machinists | 33 712 | 282 | 8 078 | 75 | 9 921 | 55 | 9 522 | 95 | 6 083 | 57 | 108 | — | 118 577 | 1 182 |
| Mechanics and repairmen | 261 | — | 20 | — | 4 | — | 223 | — | 14 | — | — | — | 35 555 | 331 |
| Air conditioning, heating, and refrigeration | 136 | — | 14 | — | 4 | — | 118 | — | — | — | — | — | 172 | — |
| Aircraft | 24 | — | 4 | — | 4 | — | 16 | — | — | — | — | — | 14 272 | 183 |
| Automobile body repairmen | 3 969 | 35 | 1 124 | 12 | 536 | — | 1 131 | 12 | 1 178 | 11 | — | — | 14 272 | 183 |
| Automobile mechanics | 39 | — | 6 | — | — | — | 33 | — | 33 | — | — | — | 116 | — |
| Data processing machine repairmen | 140 | — | 25 | — | 44 | — | 29 | — | 42 | — | — | — | 386 | 14 |
| Farm implement | 23 394 | 181 | 5 499 | 53 | 8 192 | 55 | 5 509 | 37 | 4 126 | 36 | 68 | — | 41 399 | 346 |
| Heavy equipment mechanics, including diesel | 855 | 5 | 30 | — | 13 | — | 766 | 5 | 31 | — | — | — | 8 410 | 105 |
| Household appliance and accessory installers and mechanics | — | — | — | — | — | — | — | — | — | — | — | — | 4 | — |
| Loom fixers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mechanics and repairmen | 6 | — | 43 | — | 37 | — | 6 | — | — | — | — | — | 62 | — |
| Office machine | 229 | — | 205 | — | 47 | — | 110 | — | 39 | — | — | — | 1 378 | 21 |
| Radio and television | 277 | — | 205 | — | 47 | — | 10 | — | 20 | — | — | — | 153 | 4 |
| Railroad and car shop | 2 306 | 42 | 539 | 6 | 547 | — | 982 | 30 | 199 | 6 | 19 | — | 3 762 | 46 |
| Miscellaneous mechanics and repairmen | 2 076 | 13 | 549 | 4 | 498 | — | 589 | 5 | 434 | 4 | 6 | — | 12 713 | 132 |
| Not specified mechanics and repairmen | 5 | — | 5 | — | — | — | — | — | — | — | — | — | 45 | — |
| Millers; grain, flour, and feed | 833 | — | 517 | — | 53 | — | 48 | — | 199 | — | 16 | — | 7 235 | 77 |
| Milwrights | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Molders, metal | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Motion picture projectionists | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Motion picture projectors | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Molders, and lens grinders and polishers | 4 | — | 4 | — | — | — | — | — | — | — | — | — | 5 | — |
| Opticians, and lens grinders and polishers | — | — | — | — | — | — | — | — | — | — | — | — | 33 | — |
| Painters, construction and maintenance | 842 | 15 | 234 | 4 | 25 | — | 396 | 11 | 187 | — | — | — | 203 065 | 6 486 |
| Pattern and model makers, except paper | 47 | — | 33 | — | 6 | — | 5 | — | 4 | — | — | — | 8 137 | 948 |
| Photoengravers and lithographers | — | — | — | — | — | — | — | — | — | — | — | — | 248 | — |
| Piano and organ tuners and repairmen | — | — | — | — | — | — | — | — | — | — | — | — | 28 | — |
| Plasterers | — | — | — | — | — | — | — | — | — | — | — | — | 25 394 | 323 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| | Mining | | | | | | | | | | | | Construction | |
|--|---------|--------|--------------|--------|-------------|--------|---|--------|---|--------|------------------|--------|--------------|--------|
| | Total | | Metal mining | | Coal mining | | Crude petroleum and natural gas extractions | | Nonmetallic mining and quarrying, except fuel | | Mining—allocated | | Total | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| United States | 2 346 | 21 | 706 | 9 | 120 | — | 1 377 | 12 | 143 | — | — | — | 229 753 | 2 234 |
| <i>Craftsmen and kindred workers—Continued</i> | 147 | 9 | 93 | — | 6 | — | 31 | 9 | 17 | — | — | — | 197 | — |
| Plumbers and pipe fitters | 116 | 21 | — | — | 21 | 11 | 95 | 10 | — | — | — | — | 441 | 40 |
| Power station operators | 15 | — | 5 | — | 5 | — | 5 | — | — | — | — | — | 70 | — |
| Pressmen and plate printers, printing | 22 | — | — | — | 18 | — | — | — | — | — | — | — | 55 889 | 688 |
| Boilers and finishers, metal | 228 | 6 | 101 | — | 15 | — | 35 | 6 | 55 | — | — | — | 57 532 | 475 |
| Roofers and slaters | 17 | — | — | — | — | — | 13 | — | 4 | — | — | — | 67 | — |
| Sheetmetal workers and fitters | — | — | — | — | — | — | — | — | — | — | — | — | 34 | — |
| Shipfitters | — | — | — | — | — | — | — | — | — | — | — | — | 1 064 | 29 |
| Shoe repairmen | 15 | — | 4 | — | 5 | — | 6 | — | — | — | — | — | — | — |
| Sign painters and letterers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Stationary engineers | 18 455 | 193 | 545 | 4 | 1 749 | 17 | 15 246 | 168 | 874 | 4 | 41 | — | 4 560 | 35 |
| Stone cutters and stone carvers | 498 | 10 | 142 | — | 21 | — | 70 | — | 498 | 10 | — | — | 251 | 477 |
| Structural metal craftsmen | 281 | — | — | — | — | — | — | — | 48 | — | — | — | 48 698 | 5 |
| Tailors | 81 | 6 | 43 | — | 5 | — | 18 | 6 | 15 | — | — | — | 60 | 48 |
| Telephone installers and repairmen | 25 | — | — | — | 11 | — | 10 | — | 4 | — | — | — | 3 628 | 13 |
| Telephone linemen and splicers | 12 | — | — | — | 5 | — | — | — | 7 | — | — | — | 906 | 267 |
| Tie setters | 146 | 5 | 39 | — | — | — | 94 | 5 | 8 | — | — | — | 644 | — |
| Tool and die makers | 426 | — | 119 | — | 28 | — | 178 | — | 70 | — | — | — | 121 | 16 |
| Upholsterers | 5 150 | 15 | — | — | — | — | — | — | — | — | — | — | 10 565 | 109 |
| Craftsmen and kindred workers, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | 211 809 | 1 007 |
| Craftsmen and kindred workers—allocated | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| <i>Operatives, except transport</i> | 215 554 | 4 232 | 33 575 | 397 | 59 892 | 639 | 84 233 | 2 571 | 27 702 | 528 | 10 151 | 97 | 218 509 | 5 352 |
| Asbestos and insulation workers | 49 | — | 10 | — | 4 | — | 29 | — | 6 | — | — | — | 17 541 | 191 |
| Assemblers | 3 401 | 91 | 613 | — | 52 | — | 222 | 81 | 528 | 5 | 39 | 5 | 2 306 | 636 |
| Blasters and powdermen | 102 | — | — | — | 1 637 | 5 | 623 | — | — | — | — | — | 1 524 | 27 |
| Boiling and canning operatives | 455 | — | 88 | — | 184 | — | 170 | — | 13 | — | — | — | 67 | 3 |
| Chainmen, rodmen, and axmen, surveying | — | — | — | — | — | — | — | — | — | — | — | — | 3 294 | 36 |
| Checkers, examiners, and inspectors, manufacturing | 10 | 7 | 4 | — | — | — | 6 | — | — | — | — | — | 42 | 29 |
| Clothing ironers and pressers | 3 588 | 45 | 35 | — | 3 043 | 18 | 143 | 17 | 362 | 10 | 5 | — | 1 417 | 57 |
| Cutting operatives, n.e.c. | 82 | 17 | 5 | — | — | — | 22 | — | 35 | 6 | — | — | 82 | 478 |
| Dressmakers and seamstresses, except factory | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Drillers, earth | 23 822 | 298 | 3 522 | 41 | 3 279 | 37 | 14 458 | 189 | 2 563 | 31 | — | — | 17 264 | 152 |
| Dry wall installers and lathers | 5 | — | — | — | — | — | — | — | 5 | — | — | — | 42 075 | 474 |
| Dyers | 171 | 8 | 16 | — | 13 | — | 10 | 3 | 132 | 5 | — | — | 59 | 6 |
| Filers, polishers, sanders, and buffers | 305 | — | 203 | — | 17 | — | 69 | — | 16 | — | — | — | 747 | 6 |
| Furnacemen, smeltermen, and pourers | 200 | — | 90 | — | — | — | 100 | — | 10 | — | — | — | 100 | 4 |
| Garage workers and gas station attendants | — | — | — | — | — | — | — | — | — | — | — | — | 633 | — |
| Graders and sorters, manufacturing | — | — | — | — | — | — | — | — | — | — | — | — | 10 | — |
| Produce graders and packers, except factory and farm | 6 | — | — | — | — | — | — | — | — | — | — | — | 4 | — |
| Heaters, metal | 54 | — | 13 | — | 16 | — | — | — | — | — | — | — | 112 | 9 |
| Laundry and drycleaning operatives, n.e.c. | 35 | — | — | — | 23 | — | — | — | 12 | — | — | — | 57 | 10 |
| Meat cutters and butchers | 25 | — | — | — | — | — | — | — | 9 | — | — | — | 105 | — |
| Meat wrappers, retail trade | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Metal platers | 151 697 | 3 359 | 24 110 | 267 | 46 616 | 544 | 62 277 | 2 199 | 18 694 | 349 | 4 | — | 373 | 3 |
| Milliners | 296 | 4 | 18 | — | 47 | — | 111 | — | 116 | 4 | — | — | 8 282 | 63 |
| Mine operatives, n.e.c. | 4 481 | 22 | 972 | 6 | 1 796 | 6 | 894 | — | 964 | 10 | — | — | 592 | 161 |
| Mixing operatives | 127 | — | — | — | 19 | — | — | — | 310 | 33 | 11 | — | 46 | — |
| Oilers and greasers, except auto | 127 | — | — | — | 9 | — | 37 | — | 29 | 3 | 5 | — | 718 | 94 |
| Packers and wrappers, except meat and produce | 92 | — | — | — | 10 | — | 77 | — | — | — | — | — | 2 767 | 62 |
| Painters, manufactured articles | 1 627 | 13 | 320 | 5 | 181 | — | 829 | 5 | 255 | 3 | 42 | — | 336 | 26 |
| Photographic process workers | 243 | 5 | 44 | — | 49 | — | 90 | — | 56 | — | — | — | 359 | — |
| Precision machine operatives | 797 | — | 121 | — | 48 | — | 547 | — | 81 | — | — | — | 1 661 | — |
| Drill press operatives | 427 | 8 | 94 | — | 52 | — | 156 | — | 92 | — | — | — | 41 | — |
| Grinding machine operatives | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Lathe and milling machine operatives | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Precision machine operatives, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| | Mining | | | | | | | | | | | | Construction | |
|--|--------|--------|--------------|--------|-------------|--------|---|--------|---|--------|------------------|--------|--------------|--------|
| | Total | | Metal mining | | Coal mining | | Crude petroleum and natural gas extractions | | Nonmetallic mining and quarrying, except fuel | | Mining—allocated | | Total | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| United States | | | | | | | | | | | | | | |
| Operatives, except transport—Continued | | | | | | | | | | | | | | |
| Punch and stamping press operatives | 145 | 9 | 101 | 4 | 13 | — | 22 | — | 6 | 5 | 3 | — | 742 | 50 |
| Riveters and fasteners | 19 | — | 6 | — | 6 | — | 308 | — | 7 | — | — | — | 316 | 17 |
| Sailors and deckhands | 432 | — | — | — | 19 | — | — | — | 105 | — | — | — | 1 773 | 9 |
| Sawyers | 444 | 11 | 52 | 4 | 86 | 4 | 6 | 4 | 260 | 7 | 6 | — | 1 876 | 32 |
| Sewers and stitchers | 51 | 4 | — | — | 5 | — | 17 | — | 40 | — | — | — | 130 | 272 |
| Shoemaking machine operatives | 21 | — | — | — | — | — | 10 | — | — | — | — | — | 4 | — |
| Solders | 16 | — | — | — | — | — | — | — | 6 | — | — | — | 127 | 83 |
| Stationary firemen | 989 | 5 | 326 | — | 101 | — | 209 | — | 348 | 5 | 5 | — | 1 027 | 15 |
| Textile operatives | | | | | | | | | | | | | | |
| Carding, topping, and combing operatives | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Knitters, loopers, and topplers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Spinners, twistors, and winders | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Weavers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Textile operatives, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Welders and flamecutters | 11 673 | 134 | 2 878 | 37 | 2 699 | 15 | 3 273 | 30 | 2 790 | 52 | 103 | — | 59 377 | 758 |
| Winding operatives, n.e.c. | 104 | 18 | 27 | 10 | 28 | 5 | 37 | 8 | 12 | — | — | — | 422 | 34 |
| Machine operatives, miscellaneous specified | 106 | 9 | 4 | — | 10 | — | 30 | — | — | — | — | — | 9 107 | 319 |
| Machine operatives, not specified | 47 | — | — | — | 5 | — | — | — | 11 | — | 62 | — | 5 510 | 225 |
| Miscellaneous operatives | 89 | 13 | 10 | 7 | 7 | — | 15 | 6 | 3 | — | 31 | — | 12 821 | 270 |
| Not specified operatives | 120 | — | 7 | — | 4 | — | 18 | — | — | — | 91 | — | 4 416 | 152 |
| Operatives, except transport—allocated | 9 685 | 92 | — | — | — | — | — | — | — | — | 9 685 | 92 | 20 639 | 615 |
| Transport equipment operatives | | | | | | | | | | | | | | |
| Boatmen and canalmen | 45 516 | 456 | 6 056 | 85 | 11 827 | 101 | 9 500 | 99 | 15 605 | 161 | 2 528 | 10 | 175 953 | 1 829 |
| Bus drivers | 328 | 9 | 5 | — | 41 | 7 | 227 | 9 | 55 | — | — | — | 442 | 7 |
| Conductors and motormen, urban rail transit | 17 | 11 | 5 | — | 5 | — | — | 4 | 7 | — | — | — | 81 | — |
| Deliverymen and routemen | 22 | — | — | — | 18 | — | — | — | 4 | — | — | — | 5 | — |
| Fork lift and low motor operatives | 1 769 | — | 48 | — | 238 | — | 612 | — | 823 | — | 48 | — | 6 787 | 75 |
| Motormen, mine, factory, logging camp, etc. | 1 542 | 5 | 238 | — | 439 | 5 | 165 | — | 676 | — | 24 | — | 4 954 | 26 |
| Parking attendants | 6 565 | 51 | 956 | 10 | 4 659 | 41 | 766 | — | 184 | — | — | — | 208 | — |
| Railroad brakemen | 15 | — | — | — | — | — | 5 | — | 5 | — | — | — | 54 | — |
| Railroad switchmen | 78 | — | 45 | — | 15 | — | — | — | 13 | — | — | — | 86 | — |
| Taxicab drivers and chauffeurs | 30 | 3 | 11 | — | 4 | — | 15 | 3 | — | — | — | — | 36 | — |
| Truck drivers | 185 | 13 | 25 | — | 59 | 9 | 71 | 4 | 30 | — | — | — | 916 | 13 |
| Transport equipment operatives—allocated | 32 651 | 354 | 4 718 | 75 | 6 349 | 39 | 7 634 | 79 | 13 808 | 161 | 142 | — | 145 878 | 1 698 |
| | 2 314 | 10 | — | — | — | — | — | — | — | — | 2 314 | 10 | 16 506 | 10 |
| Laborers, except farm | | | | | | | | | | | | | | |
| Animal caretakers, except farm | 25 842 | 343 | 3 765 | 39 | 8 519 | 54 | 4 890 | 98 | 7 240 | 148 | 1 428 | 4 | 596 099 | 8 937 |
| Carpenters helpers | 41 | 4 | 66 | — | 14 | — | 27 | — | — | — | — | — | 55 | 18 |
| Construction laborers, except carpenters helpers | 168 | — | 528 | 6 | 610 | — | 1 354 | 47 | 999 | 21 | — | — | 34 133 | 646 |
| Fishermen and oystermen | 3 491 | 74 | — | — | — | — | — | — | — | — | — | — | 476 709 | 7 490 |
| Freight and material handlers | 40 | 7 | — | — | 29 | 7 | — | — | 11 | — | — | — | 57 | — |
| Garbage collectors | 12 709 | 153 | 1 318 | 13 | 5 865 | 32 | 1 106 | 11 | 4 396 | 97 | 24 | — | 9 987 | 191 |
| Gardeners and groundskeepers, except farm | 17 | — | 5 | — | — | — | — | — | 12 | — | — | — | 409 | 4 |
| Longshoremen and stevedores | 389 | 8 | 72 | — | 51 | — | 156 | — | 110 | 8 | — | — | 7 232 | 110 |
| Lumbermen, ratismen, and woodchoppers | 210 | — | 5 | — | 79 | — | 26 | — | 100 | — | — | — | 208 | 4 |
| | 31 | — | — | — | 14 | — | — | — | 17 | — | — | — | 208 | 4 |
| Stock handlers | 176 | — | 35 | 5 | 29 | — | 42 | 5 | 66 | 12 | 4 | — | 1 084 | 68 |
| Teamsters | 45 | — | 140 | — | 15 | — | 20 | — | — | — | — | — | 131 | — |
| Vehicle washers and equipment cleaners | 521 | 5 | 351 | 3 | 78 | — | 180 | 5 | 123 | — | — | — | 895 | 22 |
| Warehousemen, n.e.c. | 798 | 3 | 486 | 3 | 19 | — | 348 | — | 80 | — | — | — | 1 981 | 42 |
| Miscellaneous laborers | 2 071 | 14 | 749 | 12 | 866 | 5 | 1 310 | 9 | 402 | — | 26 | — | 1 121 | 5 |
| Not specified laborers | 3 827 | 53 | — | — | 826 | 10 | — | — | 876 | 10 | 66 | — | 1 151 | 36 |
| Laborers, except farm—allocated | 1 308 | — | — | — | — | — | — | — | — | — | 1 308 | — | 61 738 | 297 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | Mining | | | | | | | | | | Construction | | | |
|--|--------|--------|--------------|--------|-------------|--------|---|--------|---|--------|------------------|--------|--------|--------|
| | Total | | Metal mining | | Coal mining | | Crude petroleum and natural gas extractions | | Nonmetallic mining and quarrying, except fuel | | Mining—allocated | | Total | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Farmers and farm managers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Farm laborers and farm foremen | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Farm foremen | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Farm laborers, wage workers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Farm laborers, unpaid family workers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Farm service laborers, self-employed | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Farm laborers and farm foremen—allocated | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Service workers, except private household | 8 956 | 1 114 | 2 144 | 137 | 1 271 | 184 | 3 081 | 548 | 1 906 | 166 | 554 | 79 | 38 730 | 6 043 |
| Cleaning service workers | 5 391 | 796 | 1 453 | 83 | 742 | 163 | 2 010 | 405 | 1 061 | 145 | 125 | — | 21 347 | 4 188 |
| Chambermaids and maids, except private household | 21 | 36 | 6 | 9 | — | 5 | 4 | 12 | 5 | 10 | 6 | — | 113 | 314 |
| Cleaners and charwomen | 368 | 323 | 102 | 24 | 34 | 75 | 146 | 173 | 74 | 51 | 12 | — | 2 607 | 2 258 |
| Janitors and sextons | 5 002 | 437 | 1 345 | 50 | 708 | 83 | 1 860 | 220 | 982 | 84 | 107 | — | 18 627 | 1 616 |
| Food service workers | 769 | 141 | 38 | 17 | 5 | 10 | 658 | 103 | 68 | 11 | — | — | 1 250 | 312 |
| Bar tenders | — | 6 | — | 6 | — | — | — | — | — | — | — | — | 87 | — |
| Busboys | — | — | — | — | — | — | — | — | — | — | — | — | 23 | — |
| Cooks, except private household | 650 | 49 | 33 | 5 | — | 5 | 566 | 28 | 51 | 11 | — | — | 464 | 131 |
| Dishwashers | 13 | 7 | — | — | — | — | 7 | 7 | 6 | — | — | — | 62 | — |
| Food counter and fountain workers | 20 | 24 | — | — | — | — | 20 | 24 | — | — | — | — | 10 | 13 |
| Waiters | 29 | 28 | — | — | 5 | — | 18 | 28 | 6 | — | — | — | 540 | 136 |
| Food service workers, n.e.c., except private household | 57 | 27 | 5 | 6 | — | 5 | 47 | 16 | 5 | — | — | — | 64 | 32 |
| Health service workers | 46 | 24 | 26 | 9 | 11 | 5 | 4 | 5 | 5 | 5 | — | — | 72 | 64 |
| Dental assistants | — | — | — | — | — | — | — | — | — | — | — | — | 5 | 12 |
| Health aides, except nursing | 5 | — | 5 | — | — | — | — | — | — | — | — | — | 19 | 12 |
| Health trainers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Lay midwives | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Nursing aides, orderlies, and attendants | 25 | 10 | 16 | 5 | 5 | 5 | 4 | 5 | — | 5 | — | — | 38 | 26 |
| Practical nurses | 16 | 14 | 5 | 4 | 6 | 5 | — | 5 | 5 | — | — | — | 10 | 14 |
| Personal service workers | 215 | 65 | 50 | 24 | 33 | 6 | 81 | 35 | 39 | — | 12 | — | 1 551 | 347 |
| Airline stewardesses | 7 | — | — | — | — | — | 7 | — | — | — | — | — | — | — |
| Attendants, recreation and amusement | 13 | — | 7 | — | — | — | — | — | 6 | — | — | — | 108 | — |
| Attendants, personal service, n.e.c. | 28 | 5 | — | — | 14 | — | 5 | 5 | 9 | — | — | — | 49 | 32 |
| Baggage porters and bellhops | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Barbers | — | — | — | — | — | — | — | — | — | — | — | — | 7 | — |
| Boarding and lodging house keepers | 6 | — | — | — | — | — | 6 | — | — | — | — | — | — | — |
| Booth blacks | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Child care workers, except private household | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Elevator operators | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Elevator operators, except private household | 103 | 31 | 39 | 19 | 19 | 6 | 27 | 6 | 18 | — | — | — | 718 | 93 |
| Hairdressers and cosmetologists | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Housekeepers, except private household | 58 | 29 | 4 | 5 | — | — | 36 | 24 | 6 | — | 12 | — | 21 | 11 |
| School monitors | — | — | — | — | — | — | — | — | — | — | — | — | 582 | 151 |
| Ushers, recreation and amusement | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Welfare service aides | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Protective service workers | 2 132 | 9 | 577 | 4 | 480 | — | 328 | — | 733 | 5 | 14 | — | 8 390 | 182 |
| Crossing guards and bridge tenders | 54 | — | 6 | — | 5 | — | 5 | — | 38 | — | — | — | 1 346 | 25 |
| Firemen, fire protection | 44 | — | 5 | — | 9 | — | 24 | — | 6 | — | — | — | 94 | 5 |
| Guards and watchmen | 1 974 | 9 | 556 | 4 | 455 | — | 279 | — | 670 | 5 | 14 | — | 6 461 | 139 |
| Marshals and constables | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Policemen and detectives | 60 | — | 10 | — | 11 | — | 20 | — | 19 | — | — | — | 489 | 13 |
| Sheriffs and bailiffs | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Service workers, except private household—allocated | 403 | 79 | — | — | — | — | — | — | — | — | 403 | 79 | 6 120 | 950 |
| Private household workers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | | Construction—Con. | | | | | | | | | | | | Manufacturing, total | |
|---|--|------------------------------|--------|--------------------------------------|--------|---------------------------|--------|---------------|--------|----------------------------|--------|------------------------|--------|----------------------|-----------|
| | | General building contractors | | General contractors, except building | | Special trade contractors | | | | Not specified construction | | Construction—allocated | | | |
| | | Male | Female | Male | Female | Salaried | | Self-employed | | Male | Female | Male | Female | | |
| Total employed, 16 years old and over | | 857 048 | 51 282 | 903 195 | 60 497 | 1 351 049 | 92 385 | 396 685 | 17 273 | 449 804 | 30 714 | 347 218 | 15 085 | 14 173 549 | 5 663 659 |
| Professional, technical, and kindred workers | | 23 970 | 1 672 | 113 165 | 5 532 | 25 011 | 1 989 | 1 647 | 391 | 20 084 | 1 107 | 8 778 | 553 | 1 743 352 | 224 265 |
| Accountants | | 2 962 | 786 | 4 744 | 1 337 | 2 972 | 1 030 | 61 | 55 | 2 006 | 569 | 249 | 29 | 136 493 | 29 846 |
| Architects | | 1 129 | 6 | 700 | 19 | 104 | 33 | 14 | — | 361 | 10 | 121 | 9 | 2 237 | 52 |
| Computer specialists | | 207 | 68 | 1 235 | 295 | 213 | 33 | — | — | 153 | 19 | 86 | 5 | 78 632 | 13 557 |
| Computer programmers | | 142 | 51 | 846 | 222 | 120 | 23 | — | — | 110 | 15 | 35 | 4 | 46 509 | 9 898 |
| Computer systems analysts | | 60 | 9 | 310 | 49 | 68 | 10 | — | — | 34 | 4 | — | — | 27 387 | 3 184 |
| Computer specialists, n.e.c. | | 5 | 8 | 79 | 24 | 25 | — | — | — | 9 | — | — | — | 4 736 | 475 |
| Engineers | | 11 581 | 135 | 59 018 | 842 | 11 768 | 126 | 577 | 10 | 11 104 | 149 | 765 | — | 642 800 | 8 334 |
| Aeronautical and astronautical | | 15 | — | 14 | — | 71 | — | 5 | — | 155 | 6 | 22 | — | 55 750 | 891 |
| Chemical | | 80 | — | 745 | 5 | 4 133 | 44 | 193 | 5 | 8 369 | 116 | 80 | — | 41 353 | 430 |
| Civil | | 8 866 | 95 | 49 997 | 643 | 2 661 | 15 | 178 | 5 | 474 | 181 | 181 | — | 14 560 | 220 |
| Electrical and electronic | | 542 | 5 | 2 041 | 28 | 79 | 8 | 14 | — | 593 | 8 | 125 | — | 151 483 | 1 833 |
| Industrial | | 540 | 11 | 1 383 | 79 | 1 946 | 19 | 100 | 16 | 900 | 16 | 123 | — | 125 576 | 2 437 |
| Mechanical | | 764 | 18 | 2 263 | 26 | 1 946 | 19 | 100 | 16 | 900 | 16 | 123 | — | 118 494 | 1 059 |
| Metallurgical and materials | | 17 | 4 | 101 | 3 | 46 | — | 5 | — | 36 | — | 4 | — | 12 159 | 101 |
| Mining | | — | — | 59 | — | 15 | — | 12 | — | 30 | — | 4 | — | 253 | 9 |
| Petroleum | | — | — | 33 | — | 20 | — | 46 | — | 202 | 6 | 73 | — | 1 328 | 13 |
| Sales | | 311 | 2 | 244 | — | 1 869 | 36 | 24 | — | 337 | 5 | 213 | — | 27 545 | 205 |
| Engineers, n.e.c. | | 446 | — | 2 138 | 58 | 626 | 4 | — | — | — | — | — | — | 94 299 | 1 136 |
| Farm management advisors | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Foresters and conservationists | | 7 | — | 463 | — | 5 | — | — | — | 11 | — | — | — | 108 | — |
| Home management advisors | | — | — | — | — | — | — | — | — | — | — | — | — | 3 315 | 47 |
| Lawyers and judges | | 120 | — | 528 | 33 | 46 | — | — | — | 87 | — | — | — | 10 | 671 |
| Judges | | — | — | — | — | — | — | — | — | — | — | — | — | 7 782 | 217 |
| Lawyers | | 120 | — | 528 | 33 | 46 | — | — | — | 87 | — | — | — | — | — |
| Librarians, archivists, and curators | | 18 | 6 | 13 | 103 | — | — | — | — | — | 10 | — | — | 7 782 | 217 |
| Librarians | | 15 | 6 | 13 | 103 | — | — | — | — | — | 10 | — | — | 787 | 2480 |
| Archivists and curators | | 3 | — | — | — | — | — | — | — | — | — | — | — | 712 | 2 445 |
| Mathematical specialists | | 6 | 3 | 279 | 49 | 5 | 5 | — | — | — | — | 5 | — | 75 | 35 |
| Actuaries | | — | — | — | — | — | — | — | — | — | — | — | — | 5 055 | 2 349 |
| Mathematicians | | — | — | 63 | 5 | 5 | — | — | — | — | — | — | — | 121 | 7 |
| Statisticians | | 6 | 3 | 216 | 44 | 5 | 5 | — | — | — | — | — | — | 1 339 | 316 |
| Life and physical scientists | | 61 | 34 | 1 273 | 56 | 132 | 4 | 7 | — | 58 | — | 78 | — | 3 595 | 2 026 |
| Agricultural | | 5 | — | 161 | — | — | — | — | — | — | — | — | — | 75 453 | 7 347 |
| Atmospheric and space | | 10 | 23 | 6 | — | 8 | — | — | — | 10 | — | — | — | 800 | 26 |
| Biological | | 37 | 11 | 47 | 38 | 63 | 4 | — | — | 31 | — | — | — | 408 | 47 |
| Chemists | | 9 | 9 | 523 | 14 | 36 | — | 7 | — | 10 | — | — | — | 3 137 | 1 290 |
| Geologists | | — | — | 95 | 4 | — | — | — | — | — | — | — | — | 63 727 | 5 706 |
| Marine | | — | — | 56 | — | 25 | — | — | — | 7 | — | — | — | 1 202 | 38 |
| Physicists and astronomers | | — | — | 10 | — | — | — | — | — | — | — | — | — | 5 761 | 184 |
| Life and physical, n.e.c. | | — | — | — | — | — | — | — | — | — | — | — | — | 269 | 51 |
| Operations and systems researchers and analysts | | 63 | 5 | 278 | 31 | 55 | — | — | — | 22 | 5 | 27 | — | 44 364 | 2 651 |
| Personnel and labor relations workers | | 620 | 49 | 1 659 | 241 | 751 | 22 | 67 | 3 | 421 | 30 | 103 | 9 | 67 098 | 11 539 |
| Physicians, dentists, and related practitioners | | — | — | 56 | 5 | 14 | — | 5 | — | 13 | — | — | — | 2 436 | 9 |
| Chiropractors | | — | — | — | — | — | — | — | — | — | — | — | — | 152 | 23 |
| Dentists | | — | — | 32 | — | — | — | — | — | — | — | — | — | 62 | 6 |
| Optometrists | | — | — | 5 | — | — | — | — | — | — | — | — | — | 659 | 352 |
| Pharmacists | | — | — | — | — | — | — | — | — | — | — | — | — | 1 245 | 123 |
| Physicians, medical and osteopathic | | — | — | — | — | — | — | — | — | — | — | — | — | 20 | 21 |
| Podiatrists | | — | — | — | — | — | — | — | — | — | — | — | — | 262 | — |
| Veterinarians | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health practitioners, n.e.c. | | — | — | 3 | — | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| | | Construction—Con. | | | | | | | | | | | | | | | |
|--|---|------------------------------|-----|--------------------------------------|-------|---------------------------|-----|---------------|----|----------------------------|-----|------------------------|----|----------------------|--------|--------|---|
| | | General building contractors | | General contractors, except building | | Special trade contractors | | | | Not specified construction | | Construction—allocated | | Manufacturing, total | | | |
| | | Male | | Female | | Salaried | | Self-employed | | Male | | Female | | Male | | Female | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | Registered nurses, dietitians, and therapists | 11 | 35 | 14 | 98 | — | 24 | 6 | — | 20 | 69 | 9 | — | 695 | 13 909 | — | — |
| | Ophthalmologists | 5 | 35 | 9 | 87 | — | 24 | 6 | — | 20 | 69 | — | — | 243 | 136 | — | — |
| | Registered nurses | 6 | — | — | — | — | — | — | — | — | — | — | — | 346 | 13 647 | — | — |
| | Therapists | 10 | — | 26 | 11 | 15 | — | — | — | 30 | — | 31 | — | 106 | 126 | — | — |
| | Health technologists and technicians | — | — | 11 | — | — | — | — | — | 7 | — | 16 | — | 3 236 | 820 | — | — |
| | Clinical laboratory technologists and technicians | — | — | — | — | — | — | — | — | — | — | — | — | 477 | 488 | — | — |
| | Dental hygienists | — | — | — | — | — | — | — | — | — | — | — | — | 18 | 28 | — | — |
| | Health record technologists and technicians | 6 | — | 5 | — | 5 | — | — | — | — | — | — | — | 49 | 40 | — | — |
| | Radiologic technologists and technicians | — | — | — | — | — | — | — | — | — | — | — | — | 94 | 40 | — | — |
| | Therapy assistants | — | — | — | — | — | — | — | — | — | — | — | — | 64 | 35 | — | — |
| | Health technologists and technicians, n.e.c. | 4 | — | 10 | — | 5 | — | — | — | 23 | — | 15 | — | 2 534 | 189 | — | — |
| | Religious workers | 14 | — | — | — | 5 | — | — | — | 36 | 2 | — | — | 259 | 63 | — | — |
| | Clergymen | 14 | — | — | — | — | — | — | — | 36 | 2 | — | — | 157 | 57 | — | — |
| | Religious workers, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | 102 | — | — | — |
| | Social scientists | 135 | 27 | 306 | 25 | 5 | — | — | — | 49 | 7 | 37 | 4 | 24 789 | 1 680 | — | — |
| | Economists | 113 | 22 | 194 | 20 | 39 | — | — | — | 41 | — | 15 | 4 | 24 166 | 1 572 | — | — |
| | Political scientists | 4 | 5 | — | — | — | — | — | — | — | — | — | — | 61 | 14 | — | — |
| | Psychologists | — | — | 5 | — | — | — | — | — | — | — | — | — | 367 | 52 | — | — |
| | Sociologists | 16 | — | 80 | — | 6 | — | — | — | 8 | — | — | — | 29 | 1 | — | — |
| | Urban and regional planners | — | — | 27 | 5 | 8 | — | — | — | — | — | — | — | 125 | 13 | — | — |
| | Social scientists, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | 41 | 25 | — | — |
| | Social and recreation workers | 31 | 12 | 28 | 16 | 14 | 11 | — | — | 9 | — | — | — | 529 | 184 | — | — |
| | Social workers | 22 | 12 | 23 | 9 | 5 | 6 | — | — | 5 | — | — | — | 203 | 115 | — | — |
| | Recreation workers | 9 | — | 5 | 7 | 9 | 5 | — | — | 4 | — | — | — | 326 | 69 | — | — |
| | Teachers, college and university | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | Adult education teachers | — | — | 36 | — | — | — | — | — | 9 | — | — | — | — | — | — | — |
| | Elementary and secondary school teachers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | Prekindergarten and kindergarten teachers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | Teachers, except college and university, n.e.c. | 74 | 5 | 78 | 5 | 45 | 9 | 72 | 11 | 24 | — | — | — | 5 126 | 2 541 | — | — |
| | Engineering and science technicians | 4 788 | 212 | 35 887 | 1 721 | 6 208 | 207 | 195 | 6 | 4 368 | 114 | 520 | 21 | 369 361 | 43 148 | — | — |
| | Agriculture and biological, except health | 20 | 7 | 111 | 38 | 21 | — | — | — | 60 | — | 18 | — | 10 038 | 6 625 | — | — |
| | Chemical | 32 | — | 180 | 42 | 11 | — | 15 | — | 27 | — | 35 | — | 39 583 | 6 383 | — | — |
| | Draftsmen | 3 354 | 172 | 10 234 | 1 052 | 4 503 | 164 | 99 | 6 | 2 315 | 106 | 276 | 4 | 134 900 | 7 171 | — | — |
| | Electrical and electronic engineering | 113 | — | 546 | 19 | 985 | 15 | 59 | — | 108 | — | 102 | — | 77 232 | 5 919 | — | — |
| | Industrial engineering | 9 | — | 45 | — | 18 | 7 | 9 | — | 14 | — | 12 | — | 15 246 | 1 945 | — | — |
| | Mechanical engineering | — | — | 32 | — | 32 | — | — | — | 6 | — | 5 | — | 11 059 | 1 310 | — | — |
| | Mathematical | — | — | — | — | — | — | — | — | — | — | — | — | 1 150 | 17 | — | — |
| | Surveyors | 1 061 | 23 | 15 031 | 218 | 339 | 21 | 13 | — | 1 540 | 8 | — | — | 2 340 | 1 883 | — | — |
| | Engineering and science, n.e.c. | 195 | 10 | 7 708 | 352 | 299 | 21 | — | — | 298 | — | — | — | — | — | — | — |
| | Technicians, except health, and engineering and science | 160 | 5 | 1 974 | 203 | 270 | 36 | 4 | — | 170 | 11 | 21 | — | 11 943 | 841 | — | — |
| | Airplane pilots | 68 | — | 230 | — | 69 | — | 4 | — | 87 | 8 | — | — | 3 401 | 94 | — | — |
| | Air traffic controllers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | Embalmers | — | — | — | — | — | — | — | — | — | — | — | — | 39 | 5 | — | — |
| | Flight engineers | — | — | — | — | — | — | — | — | — | — | — | — | 1 546 | 174 | — | — |
| | Radio operators | 27 | 5 | 653 | 123 | 59 | 36 | — | — | 19 | 3 | — | — | 690 | 147 | — | — |
| | Tool programmers, numerical control | 6 | — | 19 | 6 | — | — | — | — | 6 | — | — | — | 1 783 | 421 | — | — |
| | Technicians, n.e.c. | 59 | — | 1 072 | 74 | 142 | — | — | — | 58 | — | 10 | — | 4 484 | 421 | — | — |
| | Vocational and educational counselors | — | — | 10 | — | 4 | — | — | — | 11 | — | — | — | 410 | 240 | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| | Construction—Con. | | | | | | | | | | | | Manufacturing, total | |
|---|------------------------------|--------|--------------------------------------|--------|---------------------------|-------|---------------|-------|----------------------------|--------|------------------------|--------|----------------------|--------|
| | General building contractors | | General contractors, except building | | Special trade contractors | | | | Not specified construction | | Construction—allocated | | Male | Female |
| | Male | Female | Male | Female | Salaried | | Self-employed | | Male | Female | Male | Female | Male | Female |
| United States | | | | | | | | | | | | | | |
| Professional, technical, and kindred workers—Continued | | | | | | | | | | | | | | |
| Writers, artists, and entertainers..... | 1 250 | 214 | 3 470 | 346 | 1 404 | 308 | 379 | 288 | 636 | 64 | 179 | 24 | 166 688 | 64 732 |
| Actors..... | 10 | 5 | 159 | 6 | 19 | 6 | — | — | 14 | — | — | — | 620 | 92 |
| Athletes and kindred workers..... | 6 | — | 11 | 24 | 5 | — | — | — | 13 | — | 16 | — | 6 755 | 1 185 |
| Authors..... | 4 | — | 62 | — | — | — | — | — | — | — | — | — | 119 | 31 |
| Dancers..... | 901 | 124 | 2 179 | 87 | 984 | 230 | 320 | 272 | 382 | 17 | 6 | 6 | 44 512 | 10 270 |
| Designers..... | 10 | 23 | 112 | 78 | 9 | 33 | — | — | 26 | 12 | — | — | 55 434 | 37 868 |
| Editors and reporters..... | 27 | 6 | 208 | 72 | 6 | 24 | 34 | 16 | 38 | 14 | 49 | 5 | 538 | 139 |
| Musicians and composers..... | 15 | 6 | 299 | 8 | 153 | 24 | — | — | 25 | 6 | 51 | 9 | 18 937 | 9 019 |
| Painters and sculptors..... | 242 | 41 | 329 | 64 | 17 | 5 | 19 | — | 100 | 10 | 41 | — | 15 698 | 1 704 |
| Photographers..... | 8 | — | 111 | 13 | 180 | 5 | — | — | 5 | — | — | — | 11 912 | 2 198 |
| Public relations men and publicity writers..... | 27 | — | 111 | 13 | 31 | 10 | — | — | 33 | 5 | 16 | 4 | 96 | 27 |
| Radio and television announcers..... | 27 | — | 259 | 60 | 35 | 17 | 4 | — | — | — | — | — | 12 025 | 2 180 |
| Writers, artists, and entertainers, n.e.c..... | 86 | 51 | 831 | 35 | 893 | 160 | 256 | 18 | 486 | 37 | 6 602 | 452 | 19 003 | 2 425 |
| Research workers, not specified..... | 637 | 51 | 831 | 35 | 893 | 160 | 256 | 18 | 486 | 37 | 6 602 | 452 | 72 370 | 12 244 |
| Professional, technical, and kindred workers—allocated..... | 145 040 | 3 123 | 71 645 | 2 068 | 81 215 | 3 538 | 51 373 | 1 365 | 51 396 | 1 464 | 19 808 | 570 | 962 604 | 68 077 |
| Managers and administrators, except farm | | | | | | | | | | | | | | |
| Assessors, controllers, and treasurers; local public administration..... | 369 | 66 | 342 | 13 | 321 | 31 | — | — | 229 | 23 | — | — | 15 863 | 1 098 |
| Bank officers and financial managers..... | — | — | — | — | — | — | — | — | — | — | — | — | 3 328 | 19 |
| Buyers and shippers, farm products..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Buyers, wholesale and retail trade..... | 49 | 13 | 41 | 5 | 149 | 61 | — | — | 5 | 8 | 24 | 6 | 8 906 | 1 793 |
| Credit men..... | 5 | — | — | — | 7 | — | — | — | — | — | — | — | 36 | 6 |
| Federal directors..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health administrators..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Construction inspectors; public administration..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Inspectors, except construction; public administration..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Managers and superintendents, building..... | 500 | 124 | 169 | 4 | 42 | 4 | 5 | — | 122 | 15 | — | — | 576 | 36 |
| Office managers, n.e.c..... | 1 490 | 583 | 2 163 | 638 | 2 799 | 1 489 | 94 | 238 | 1 393 | 481 | 84 | — | 26 128 | 13 485 |
| Officers, pilots, and pursers; ship..... | 37 | — | 143 | 19 | 25 | — | — | — | 84 | 4 | — | — | 923 | 19 |
| Officials and administrators; public administration, n.e.c..... | — | — | 3 283 | 42 | — | — | — | — | — | — | — | — | — | — |
| Officials of lodges, societies, and unions..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Postmasters and mail superintendents..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Purchasing agents and buyers, n.e.c..... | 1 502 | 85 | 4 826 | 181 | 2 839 | 163 | 66 | 5 | 1 062 | 50 | 100 | 6 | 80 363 | 8 121 |
| Railroad conductors..... | 19 | 4 | 9 | — | 44 | 14 | 15 | 9 | 5 | — | — | — | 582 | 570 |
| Restaurant, cafeteria, and bar managers..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sales managers and department heads, retail trade..... | 1 207 | 60 | 374 | 3 | 1 424 | 26 | 55 | 8 | 370 | — | 119 | — | 108 516 | 4 093 |
| Sales managers, except retail trade..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| School administrators, college..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| School administrators, elementary and secondary..... | 139 328 | 2 177 | 58 580 | 1 157 | 72 353 | 1 716 | 50 841 | 1 100 | 47 764 | 878 | 2 128 | 51 | 675 608 | 35 239 |
| Managers and administrators, n.e.c., (excl. office managers, n.e.c.)..... | 76 528 | 1 240 | 50 575 | 1 032 | 72 353 | 1 716 | 50 841 | 1 100 | 34 784 | 671 | 1 676 | 35 | 615 945 | 29 583 |
| Self-employed..... | 62 800 | 937 | 8 005 | 125 | 1 212 | 34 | 297 | 5 | 12 980 | 207 | 452 | 16 | 59 663 | 5 656 |
| Managers and administrators, except farm—allocated..... | 534 | 11 | 715 | 10 | 1 212 | 34 | 297 | 5 | 362 | 5 | 17 353 | 507 | 41 775 | 3 598 |
| Sales workers | | | | | | | | | | | | | | |
| Advertising agents and salesmen..... | 9 302 | 1 063 | 2 594 | 196 | 11 982 | 1 261 | 2 209 | 244 | 2 277 | 217 | 2 585 | 425 | 474 970 | 55 756 |
| Auctioneers..... | 37 | 5 | 23 | — | 10 | 11 | — | — | — | — | — | — | 15 496 | 4 324 |
| Demonstrators..... | — | — | — | — | 6 | — | — | — | — | — | — | — | 37 | 24 |
| Hucksters and peddlers..... | — | — | — | — | 4 | — | — | — | — | — | — | — | 655 | 1 190 |
| Insurance agents, brokers, and underwriters..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Newsboys..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Real estate agents and brokers..... | — | — | — | — | — | — | — | — | — | — | — | — | 46 387 | 8 737 |
| Stock and bond salesmen..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Salesmen and sales clerks, n.e.c..... | 8 929 | 1 001 | 2 083 | 163 | 11 205 | 1 163 | 2 014 | 236 | 2 018 | 184 | 1 511 | 120 | 377 112 | 34 645 |
| Sales workers—allocated..... | 336 | 52 | 483 | 33 | 757 | 87 | 195 | 8 | 2 59 | 33 | 1 074 | 305 | 35 283 | 6 836 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| | Construction—Con. | | | | | | | | | | | | Manufacturing, total | |
|---|------------------------------|--------|--------------------------------------|--------|---------------------------|--------|---------------|-------|----------------------------|--------|------------------------|--------|----------------------|-----------|
| | General building contractors | | General contractors, except building | | Special trade contractors | | | | Not specified construction | | Construction—allocated | | | |
| | Male | Female | Male | Female | Salaried | | Self-employed | | Male | Female | Male | Female | Male | Female |
| Clerical and kindred workers | 18 366 | 35 041 | 28 244 | 43 491 | 34 282 | 66 826 | 2 580 | 8 455 | 12 291 | 22 462 | 6 978 | 11 211 | 915 618 | 1 558 679 |
| Bank tellers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Billing clerks | 66 | 106 | 126 | 217 | 173 | 631 | 13 | 40 | 19 | 34 | 5 | 6 | 5 207 | 26 127 |
| Bookkeepers | 2 797 | 10 333 | 4 813 | 7 538 | 5 118 | 869 | 486 | 4 589 | 2 091 | 6 607 | 322 | 204 | 63 179 | 194 086 |
| Cashiers | 33 | 82 | 145 | 110 | 102 | 122 | 29 | 10 | 32 | 5 | 33 | 47 | 2 350 | 7 579 |
| Clerical assistants, social welfare | 151 | 34 | 308 | 214 | 129 | 37 | 9 | 9 | 135 | 22 | 15 | 5 | 8 197 | 4 138 |
| Clerical supervisors, n.e.c. | 41 | 6 | 96 | 42 | 253 | 62 | 6 | 4 | 15 | 22 | 69 | 12 | 1 439 | 838 |
| Collectors, bill and account | 68 | 47 | 588 | 39 | 392 | 110 | — | 4 | 88 | 5 | 13 | — | 15 835 | 21 786 |
| Counter clerks, except food | 54 | — | — | — | — | — | — | — | — | — | — | — | 5 230 | 786 |
| Dispatchers and starters, vehicle | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Enumerators and interviewers | 54 | 22 | 89 | 36 | 105 | — | 10 | — | 5 | 5 | 49 | — | 744 | 1 028 |
| Estimators and investigators, n.e.c. | 7 772 | 160 | 4 162 | 160 | 16 718 | 325 | 1 524 | 38 | 4 109 | 89 | 114 | — | 30 607 | 6 410 |
| Expeditors and production controllers | 932 | 50 | 1 335 | 88 | 1 166 | 99 | 30 | 16 | 706 | 24 | 53 | — | 117 213 | 24 865 |
| File clerks | 234 | 414 | 619 | 1 237 | 283 | 763 | 12 | 37 | 157 | 214 | — | 52 | 13 685 | 52 748 |
| Insurance adjusters, examiners, and investigators | 11 | — | 24 | 8 | 12 | — | — | — | 6 | — | — | — | 282 | 260 |
| Library attendants and assistants | — | — | 5 | 45 | 15 | 4 | — | — | — | — | — | — | 371 | 1 540 |
| Mail carriers, post office | 110 | 64 | 341 | 242 | 112 | 112 | — | — | 49 | 12 | 55 | — | 22 314 | 12 960 |
| Mail handlers, except post office | 182 | 34 | 208 | 25 | 220 | 54 | 5 | 15 | 82 | 17 | 25 | — | 7 900 | 1 614 |
| Messengers, including telegraph, and office boys | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Meter readers, utilities | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Office machine operators | 153 | 567 | 810 | 1 991 | 229 | 640 | — | — | 116 | 411 | 124 | — | 45 263 | 102 912 |
| Bookkeeping and billing machine | 17 | 146 | 31 | 163 | 48 | 214 | — | — | 11 | 38 | 3 | — | 1 639 | 7 779 |
| Calculating machine | 5 | 36 | 26 | 46 | — | 58 | — | — | 5 | 7 | — | — | 7 713 | 7 414 |
| Computer and peripheral equipment | 57 | 59 | 437 | 232 | 68 | 47 | — | — | 35 | 78 | 91 | — | 26 570 | 8 421 |
| Duplicating machine | 58 | 320 | 110 | 1 332 | 35 | 305 | — | — | 12 | 15 | 4 | — | 3 019 | 4 087 |
| Key punch | — | — | 4 | 29 | 5 | 5 | — | — | 47 | 273 | 21 | — | 8 315 | 67 836 |
| Tabulating machine | — | — | 60 | 118 | 25 | 12 | — | — | 11 | — | 5 | — | 1 313 | 1 496 |
| Office machine, n.e.c. | 5 | 6 | — | — | 719 | 1 827 | 13 | 38 | 1 345 | 815 | 50 | — | 3 694 | 5 879 |
| Payroll and timekeeping clerks | 1 217 | 982 | 2 265 | 1 723 | — | — | — | — | — | — | — | — | 23 234 | 44 635 |
| Postal clerks | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Proofreaders | 47 | — | 1 252 | 21 | 4 | — | — | — | 4 | 4 | — | — | 7 069 | 21 030 |
| Real estate appraisers | 45 | 1 074 | 82 | 720 | 54 | 1 433 | — | — | 55 | 565 | — | — | 81 | 17 |
| Receptionists | 750 | 17 027 | 562 | 15 585 | 1 175 | 28 440 | 53 | 2 488 | 470 | 10 958 | 140 | 487 | 11 651 | 26 548 |
| Secretaries | — | 47 | — | 99 | 5 | 19 | — | — | — | 9 | — | — | 85 | 1 877 |
| Legal | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Medical | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Shipping and receiving clerks | 298 | 19 | 327 | 34 | 1 029 | 50 | 4 | 4 | 181 | — | 443 | — | 126 | 658 |
| Statistical clerks | 217 | 99 | 1 091 | 650 | 227 | 188 | 10 | 13 | 200 | 65 | 38 | 19 | 192 864 | 28 813 |
| Stenographers | 20 | 245 | 29 | 2 102 | 6 | 394 | 4 | 5 | 179 | 20 | 204 | — | 26 291 | 26 406 |
| Stock clerks and storekeepers | 566 | 53 | 2 538 | 204 | 2 012 | 132 | 4 | 4 | 560 | 20 | 204 | — | 857 | 19 271 |
| Teacher aides, except school monitors | — | — | — | — | — | — | — | — | — | — | — | — | 135 648 | 26 648 |
| Telephone operators | 11 | — | 5 | 3 | 12 | 4 | — | — | — | — | — | — | 267 | 237 |
| Telephone operators | 35 | 252 | 58 | 433 | 9 | 414 | — | — | 17 | 198 | — | — | 2 818 | 23 994 |
| Ticket, station, and express agents | 93 | 1 645 | 560 | 6 759 | 168 | 3 403 | — | — | 103 | 1 055 | 81 | 152 | 12 291 | 169 665 |
| Typists | 58 | — | 898 | 72 | 36 | 5 | 6 | — | 36 | 66 | 27 | — | 17 187 | 7 013 |
| Weighers | 1 126 | 215 | 1 639 | 358 | 1 205 | 715 | 58 | 45 | 529 | 110 | 69 | 45 | 46 102 | 28 323 |
| Miscellaneous clerical workers | 834 | 1 391 | 2 806 | 2 703 | 1 629 | 3 602 | 100 | 602 | 752 | 924 | 269 | 99 | 46 097 | 97 965 |
| Not specified clerical workers | 391 | 116 | 421 | 149 | 876 | 386 | 208 | 37 | 355 | 95 | 4 771 | 10 002 | 51 917 | 78 517 |
| Clerical and kindred workers—allocated | 491 439 | 5 455 | 342 722 | 3 709 | 956 087 | 12 052 | 322 624 | 6 409 | 209 243 | 2 209 | 206 771 | 977 | 3 643 601 | 265 209 |
| Craftsmen and kindred workers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Automobile accessories installers | 12 | — | 30 | — | 6 | — | 19 | — | 6 | — | — | — | 26 530 | 5 282 |
| Bakers | 10 | — | 123 | — | 122 | — | 51 | — | 9 | — | 5 | — | 15 014 | 163 |
| Boilermakers | 601 | — | 667 | 9 | 1 864 | 32 | 15 | — | 1 622 | 7 | 53 | — | 13 224 | 18 266 |
| Bookbinders | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Brickmasons and stonemasons | 35 717 | 346 | 2 556 | 38 | 64 928 | 759 | 20 263 | 222 | 14 981 | 157 | — | — | 13 777 | 330 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | | Construction—Con. | | | | | | | | | | Manufacturing, total | | | |
|---|---------|------------------------------|---------|--------------------------------------|---------|---------------------------|--------|---------------|--------|----------------------------|--------|----------------------|--------|------------------------|--------|
| | | General building contractors | | General contractors, except building | | Special trade contractors | | | | Not specified construction | | | | Construction—allocated | |
| | | Male | Female | Male | Female | Salaried | | Self-employed | | Male | Female | | | Male | Female |
| Craftsmen and kindred workers—Continued | | | | | | | | | | | | | | | |
| Bulldozer operators | 3 401 | 35 | 23 592 | 245 | 5 548 | 53 | 2 654 | 43 | 9 629 | 116 | — | 17 450 | 317 | | |
| Cabinetmakers | 2 067 | 25 | 924 | 227 | 110 534 | 1 191 | 368 | 15 | 519 | 676 | 74 | 35 186 | 2 651 | | |
| Carpenters | 325 244 | 3 231 | 21 100 | 227 | 110 534 | 1 191 | 98 602 | 1 102 | 69 753 | 676 | — | 87 814 | 2 397 | | |
| Carpet installers | 255 | 5 | 26 | 115 | 12 695 | 145 | 7 565 | 95 | 8 999 | 125 | — | 1 756 | 165 | | |
| Cement and concrete finishers | 13 457 | 133 | 10 110 | 115 | 22 514 | 296 | 5 031 | 76 | 176 | 93 | — | 2 507 | 94 | | |
| Compositors and typesetters | 5 158 | 9 | 262 | 15 | 22 514 | 15 | 99 | 7 | 6 811 | 93 | — | 121 340 | 19 848 | | |
| Cranemen, derrickmen, and hoistmen | 5 163 | 51 | 9 803 | 68 | 4 869 | 50 | 269 | 9 | 22 | — | — | 95 364 | 1 395 | | |
| Decorators and window dressers | 26 | 16 | 33 | — | 39 | 26 | 39 | — | 23 | — | — | 77 772 | 1 503 | | |
| Dental laboratory technicians | 6 | — | 48 | — | 40 | — | — | — | 22 | — | — | 1 370 | 406 | | |
| Electricians | 6 662 | 29 | 6 035 | 66 | 162 758 | 1 709 | 23 926 | 272 | 4 718 | 40 | — | 140 008 | 4 651 | | |
| Electric power linemen and cablemen | 318 | 4 | 5 865 | 87 | 5 989 | 1 108 | 42 | 14 | 1 478 | 14 | — | 801 | 224 | | |
| Electrotypers and stereotypers | 45 | 4 | 37 | — | 22 | 6 | 14 | — | 12 | — | — | 6 422 | 212 | | |
| Engravers, except photogravers | 18 | — | — | — | 56 | 4 | 22 | 4 | 72 | — | — | 3 981 | 1 480 | | |
| Excavating, grading, and road machine operators; except bulldozer | 10 474 | 133 | 115 512 | 1 279 | 16 584 | 135 | 6 478 | 94 | 24 885 | 237 | — | 11 145 | 266 | | |
| Floor layers, except tile setters | 986 | 10 | 132 | — | 7 696 | 62 | 4 242 | 23 | 223 | 5 | — | 120 | 120 | | |
| Foremen, n.e.c. | 29 563 | 340 | 52 453 | 552 | 43 428 | 434 | 2 261 | 12 | 21 691 | 270 | 1 024 | 847 050 | 77 886 | | |
| Forgemen and hammermen | 27 | 5 | 77 | — | 44 | — | 17 | — | 71 | — | — | 13 407 | 638 | | |
| Furniture and wood finishers | 52 | — | 5 | — | 83 | 5 | 10 | — | 6 | — | — | 8 751 | 2 900 | | |
| Furriers | 5 | — | 4 | — | 27 | — | — | — | 4 | — | — | 739 | 92 | | |
| Glaziers | 250 | — | 20 | — | 5 012 | 38 | 649 | 10 | 116 | — | — | 2 896 | 513 | | |
| Heat treaters, annealers, and temperers | — | — | 11 | — | 14 | — | — | — | 4 | — | — | 19 281 | 582 | | |
| Inspectors, scalers, and graders; log and lumber | 36 | — | 12 | — | 17 | — | — | — | 4 | — | — | 12 594 | 1 763 | | |
| Inspectors, n.e.c. | 1 499 | 29 | 19 004 | 207 | 757 | 81 | 57 | — | 976 | 17 | — | 18 743 | 2 282 | | |
| Jewelers and watchmakers | 8 | — | 15 | — | 28 | 6 | — | — | 19 | — | — | 8 137 | 2 657 | | |
| Job and die setters, metal | 9 | — | 22 | — | 39 | — | — | — | — | — | — | 83 434 | 2 206 | | |
| Locomotive engineers | 4 | — | — | — | 10 | — | — | — | — | — | — | 2 668 | 37 | | |
| Locomotive firemen | 341 | — | 1 402 | 28 | 1 219 | 37 | 45 | — | 711 | 14 | 362 | 309 797 | 10 463 | | |
| Machinists | 5 863 | 66 | 37 758 | 365 | 56 355 | 526 | 8 870 | 97 | 8 915 | 128 | 816 | 608 976 | 21 951 | | |
| Mechanics and repairmen | 438 | 4 | 238 | 4 | 28 675 | 277 | 5 970 | 46 | 234 | — | — | 15 474 | 220 | | |
| Air conditioning, heating, and refrigeration | 11 | — | — | — | 71 | — | — | — | 47 | — | — | 39 888 | 2 303 | | |
| Aircraft | 10 | — | 132 | — | 25 | — | 5 | — | — | — | — | 1 903 | 13 | | |
| Automobile body repairmen | 669 | 9 | 9 817 | 123 | 2 096 | 28 | 176 | — | 1 514 | 23 | — | 62 242 | 1 684 | | |
| Automobile mechanics | 16 | — | 114 | — | 52 | — | 23 | — | 17 | — | — | 10 527 | 336 | | |
| Data processing machine repairmen | 3 005 | 32 | 17 670 | 173 | 14 453 | 70 | 759 | 10 | 5 142 | 5 | — | 1 383 | 43 | | |
| Farm implement | 245 | 3 | 2 484 | 22 | 4 379 | 65 | 1 100 | 15 | 86 | 61 | 390 | 345 585 | 8 078 | | |
| Heavy equipment mechanics, including diesel | — | — | — | — | 4 | — | — | — | — | — | 116 | 9 620 | 810 | | |
| Household appliance and accessory installers and mechanics | — | — | — | — | — | — | — | — | — | — | — | 20 401 | 421 | | |
| Loom fixers | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Office machine | — | — | 9 | — | 9 | — | — | — | 8 | — | — | 6 625 | 266 | | |
| Radio and television | 26 | — | 379 | — | 785 | 15 | 166 | 6 | 22 | — | — | 13 565 | 2 298 | | |
| Railroad and car shop | 10 | — | 79 | 4 | 30 | — | 8 | — | 26 | — | — | 2 741 | 34 | | |
| Miscellaneous mechanics and repairmen | 196 | 14 | 6 214 | 35 | 2 408 | 29 | 314 | 6 | 147 | 7 | 150 | 46 763 | 3 572 | | |
| Not specified mechanics and repairmen | 8 | — | 6 214 | 35 | 3 210 | 37 | 345 | 14 | 1 647 | 32 | 106 | 32 259 | 1 873 | | |
| Millers; grain, flour, and feed | — | — | — | — | 20 | — | 4 | — | 13 | — | — | 6 654 | 148 | | |
| Milwrights | 1 556 | 34 | 682 | 13 | 1 794 | 15 | 31 | — | 3 042 | 15 | 130 | 64 320 | 715 | | |
| Molders, metal | — | — | — | — | — | — | — | — | — | — | — | 48 314 | 5 749 | | |
| Motion picture projectionists | — | — | — | — | — | — | — | — | — | — | — | 187 | 25 | | |
| Opticians, and lens grinders and polishers | — | — | — | — | 6 | — | 16 | — | — | — | — | 6 694 | 3 173 | | |
| Painters, construction and maintenance | 12 248 | 511 | 4 260 | 67 | 106 606 | 2 889 | 75 327 | 2 928 | 4 624 | 91 | — | 37 295 | 4 115 | | |
| Paperhangers | 216 | 28 | 9 | — | 2 581 | 256 | 5 268 | 664 | 63 | — | — | 266 | 24 | | |
| Pattern and model makers, except paper | 24 | — | 58 | — | 137 | — | 6 | — | 23 | — | — | 34 480 | 1 649 | | |
| Photogravers and lithographers | 6 | — | 11 | — | 4 | — | 3 | — | 4 | — | — | 27 599 | 3 578 | | |
| Piano and organ tuners and repairmen | — | — | — | — | — | — | — | — | — | — | — | 515 | 148 | | |
| Plasterers | 3 112 | 58 | 231 | 5 | 16 001 | 199 | -5 000 | 57 | 1 050 | 4 | — | 474 | 65 | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text]

| United States | | Construction—Con. | | | | | | | | | | | | Manufacturing, total | |
|---------------|--|------------------------------|--------|--------------------------------------|--------|---------------------------|-------|---------------|-----|----------------------------|--------|------------------------|--------|----------------------|-----------|
| | | General building contractors | | General contractors, except building | | Special trade contractors | | | | Not specified construction | | Construction—allocated | | | |
| | | Male | Female | Male | Female | Salaried | | Self-employed | | Male | Female | Male | Female | | |
| | | 11 291 | 147 | 16 240 | 179 | 156 320 | 1 427 | 34 868 | 397 | 11 034 | 84 | | | 78 155 | 1 082 |
| | | 25 | 5 | 242 | 20 | 135 | 10 | 5 | 5 | 34 | | | | 3 450 | 29 |
| | | 13 | | 25 | | 32 | | | | | | | | 130 071 | 10 091 |
| | | 2 947 | 68 | 49 | | 43 143 | 488 | 9 575 | 132 | 175 | | | | 18 224 | 1 250 |
| | | 2 345 | 15 | 300 | 3 | 50 413 | 442 | 2 739 | 11 | 1 592 | 4 | | | 683 | 24 |
| | | 19 | | 28 | | 20 | | | | | | | | 73 090 | 2 046 |
| | | 9 | | 21 | | | | 4 | | | | | | 9 993 | 123 |
| | | 22 | | 717 | 17 | 212 | 8 | 113 | 4 | | | | | 3 553 | 4 733 |
| | | | | | | | | | | | | | | 2 631 | 298 |
| | | 657 | | 1 877 | 4 | 1 205 | 19 | 129 | 12 | 621 | | | | 47 531 | 1 177 |
| | | 20 | | 27 | | 176 | | 21 | | 7 | | | | 3 539 | 336 |
| | | 10 775 | 91 | 5 207 | 41 | 24 475 | 275 | 587 | | 70 | | | | 19 576 | 324 |
| | | 11 | | | | 35 | | | | 14 | | | | 25 781 | 10 493 |
| | | 87 | 4 | 419 | | 2 728 | 39 | 303 | 5 | 91 | | | | 19 137 | 1 621 |
| | | 27 | | 528 | 3 | 236 | 10 | 16 | 75 | 508 | 5 | | | 578 | 86 |
| | | 1 291 | 18 | 300 | 9 | 16 081 | 160 | 5 481 | 21 | 102 | 15 | | | 1 083 | 36 |
| | | 47 | | 38 | | 250 | | 22 | 16 | 5 | | | | 189 448 | 4 031 |
| | | 8 | | | | 86 | | | 22 | 5 | | | | 23 105 | 5 105 |
| | | 996 | 3 | 2 207 | 29 | 5 683 | 51 | 785 | 22 | 709 | 4 | | | 42 852 | 5 967 |
| | | 1 382 | 6 | 1 981 | 9 | 3 090 | 20 | 692 | | 1 172 | | | | 188 209 | 14 078 |
| | | 25 667 | 528 | 42 407 | 788 | 92 775 | 2 962 | 12 992 | 182 | 25 415 | 550 | | | 4 632 159 | 3 311 814 |
| | | 830 | 4 | 232 | 25 | 15 525 | 162 | 632 | 21 | 313 | 9 | | | 4 807 | 250 |
| | | 253 | 50 | 262 | 72 | 1 028 | 365 | 33 | 21 | 419 | 79 | | | 468 194 | 436 750 |
| | | 99 | | 889 | 21 | 180 | | 9 | | 347 | 6 | | | 1 229 | 143 |
| | | | | | | | | 4 | | 12 | | | | 28 157 | 14 984 |
| | | 637 | 10 | 2 311 | 26 | 124 | | | | 222 | | | | 365 | 19 |
| | | 4 | | 6 | | 32 | 13 | | | | | | | 362 643 | 327 530 |
| | | 208 | 16 | 163 | | 790 | 38 | 42 | 3 | | | | | 20 197 | 37 162 |
| | | 12 | 19 | 24 | 9 | 32 | 416 | 5 | 34 | 9 | | | | 111 178 | 41 685 |
| | | 334 | | 2 597 | 34 | 8 626 | 58 | 4 627 | 35 | 1 080 | 25 | | | 10 900 | 2 792 |
| | | 8 576 | 142 | 169 | | 26 922 | 269 | 4 937 | 40 | 1 471 | 23 | | | 472 | 31 |
| | | 8 | | | | 21 | | | | | | | | 21 292 | 1 844 |
| | | 76 | | 42 | | 429 | 6 | 37 | | 95 | | | | 81 494 | 22 469 |
| | | 17 | | 15 | | 51 | | 5 | | 12 | | | | 61 083 | 2 602 |
| | | 15 | | 517 | | 34 | 4 | 5 | | 62 | | | | 1 966 | 252 |
| | | | | | | | | | | | | | | 13 656 | 24 352 |
| | | 6 | | | | | | 4 | | | | | | 5 | 18 |
| | | 19 | 5 | | | 73 | | 7 | | 13 | 4 | | | 6 405 | 149 |
| | | 15 | | 17 | 10 | 12 | | | | 13 | | | | 1 434 | 1 085 |
| | | 5 | | 22 | | 49 | | | | 15 | | | | 26 041 | 17 608 |
| | | 5 | | | 6 | | | | | | | | | 100 | 173 |
| | | 57 | | 95 | 3 | 106 | | | | 94 | | | | 58 372 | 2 491 |
| | | 1 025 | 9 | 4 171 | 31 | 909 | | 9 | | 2 135 | 23 | | | 23 049 | 1 122 |
| | | 56 | 21 | 129 | | 242 | 105 | 4 | | 64 | 26 | | | 143 774 | 236 366 |
| | | | | | | 10 | | | | 17 | 19 | | | 73 598 | 15 402 |
| | | 132 | 3 | 333 | 53 | 124 | 21 | 7 | | 106 | 10 | | | 11 165 | 9 302 |
| | | 366 | 15 | 511 | 11 | 945 | 15 | 75 | 5 | 568 | 10 | | | 354 893 | 36 192 |
| | | 39 | 6 | 65 | | 91 | 48 | 10 | | 68 | 5 | | | 51 843 | 14 558 |
| | | 263 | | 189 | | 123 | | 10 | | 359 | 41 | | | 125 564 | 7 220 |
| | | | 9 | 179 | 11 | 94 | 6 | 46 | | 73 | 5 | | | 58 593 | 6 955 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| | | Construction—Con. | | | | | | | | | | | | Manufacturing, total | | | | | |
|---|---------|------------------------------|---------|--------------------------------------|--------|---------------------------|---|---------------|-----|----------------------------|--------|------------------------|--------|----------------------|---|------|--------|--------|--------|
| | | General building contractors | | General contractors, except building | | Special trade contractors | | | | Not specified construction | | Construction—allocated | | | | Male | | Female | |
| | | Male | Female | Male | Female | Salaried | | Self-employed | | Male | Female | Male | Female | | | Male | Female | Male | Female |
| United States | | | | | | | | | | | | | | | | | | | |
| Operatives, except transport—Continued | | | | | | | | | | | | | | | | | | | |
| Punch and stamping press operatives | 7 | 97 | — | — | 353 | 27 | — | — | — | — | — | — | — | — | — | — | — | — | |
| Riveters and fasteners | 62 | 93 | 9 | — | 84 | 7 | — | — | — | — | — | — | — | — | — | — | — | — | |
| Sailors and deckhands | 18 | 1 | 684 | 9 | 31 | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Sawyers | 485 | 6 | 626 | 9 | 342 | 17 | — | — | — | — | — | — | — | — | — | — | — | — | |
| Sewers and sifters | 30 | 27 | 6 | — | 34 | 256 | — | — | — | — | — | — | — | — | — | — | — | — | |
| Shoemaking machine operatives | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Solderers | 4 | 4 | 22 | — | 59 | 70 | — | — | — | — | — | — | — | — | — | — | — | — | |
| Stationary firemen | 89 | 42 | 492 | — | 232 | 10 | — | — | — | — | — | — | — | — | — | — | — | — | |
| Textile operatives | | | | | | | | | | | | | | | | | | | |
| Carding, lapping, and combing operatives | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Knitters, loopers, and tappers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Spinners, twistors, and winders | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Wweavers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Textile operatives, n.e.c. | | | | | | | | | | | | | | | | | | | |
| Welders and flamers | 7 687 | 13 458 | 167 | — | — | 318 | 4 | 1 518 | 4 | 11 690 | — | — | — | — | — | — | — | — | |
| Winding operatives, n.e.c. | 5 | 73 | 322 | — | — | 34 | — | — | — | — | — | — | — | — | — | — | — | — | |
| Machine operatives, miscellaneous specified | 1 435 | 2 874 | 70 | — | — | 180 | — | 245 | — | 1 675 | 16 | — | — | — | — | — | — | — | |
| Machine operatives, not specified | 10 | 2 347 | 66 | — | — | 79 | — | 79 | — | 1 292 | 45 | — | — | — | — | — | — | — | |
| Miscellaneous operatives | 1 127 | 6 244 | 72 | — | — | 126 | — | 194 | — | 1 612 | 13 | — | — | — | — | — | — | — | |
| Not specified operatives | 557 | 20 534 | 20 | — | — | 87 | — | 182 | — | 400 | 10 | — | — | — | — | — | — | — | |
| Operatives, except transport—allocated | 858 | 1 185 | 74 | — | — | 281 | — | 294 | — | 785 | 28 | — | — | — | — | — | — | — | |
| Transport equipment operatives | | | | | | | | | | | | | | | | | | | |
| Boatmen and canalmen | 13 575 | 93 029 | 1 003 | — | — | 307 | — | 1 365 | 21 | 24 095 | 323 | — | — | — | — | — | — | — | |
| Bus drivers | 15 | 348 | — | — | — | — | — | — | — | 79 | — | — | — | — | — | — | — | — | |
| Conductors and motormen, urban rail transit | 11 | 35 | — | — | 24 | — | — | — | — | 11 | — | — | — | — | — | — | — | — | |
| Deliverymen and routemen | 6 | 1 316 | 25 | — | — | 23 | — | 44 | — | 678 | 17 | — | — | — | — | — | — | — | |
| Fork lift and tow motor operatives | 1 009 | 1 034 | 19 | — | — | 4 | — | 91 | — | 921 | 3 | — | — | — | — | — | — | — | |
| Motormen; mine, factory, logging comp, etc. | 1 306 | 67 | — | — | — | 87 | — | — | — | 44 | — | — | — | — | — | — | — | — | |
| Parking attendants | 5 | 33 | — | — | — | — | — | — | — | 10 | — | — | — | — | — | — | — | — | |
| Railroad brakemen | 5 | 21 | — | — | — | — | — | — | — | 6 | — | — | — | — | — | — | — | — | |
| Railroad switchmen | 15 | 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Taxicab drivers and chauffeurs | 113 | 504 | — | — | — | — | — | — | — | 149 | — | — | — | — | — | — | — | — | |
| Truck drivers | 70 685 | 89 147 | 959 | — | — | 274 | — | 1 019 | 21 | 21 908 | 297 | — | — | — | — | — | — | — | |
| Transport equipment operatives—allocated | 406 | 513 | — | — | — | 6 | — | 205 | — | 289 | — | — | — | — | — | — | — | — | |
| Labors, except farm | | | | | | | | | | | | | | | | | | | |
| Animal caretakers, except farm | 122 969 | 2 147 | 193 164 | 2 589 | — | 2 108 | — | 1 470 | 130 | 100 732 | 1 654 | — | — | — | — | — | — | — | |
| Carpenters' helpers | 25 | 4 | 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Construction laborers, except carpenters' helpers | 20 643 | 344 | 2 099 | 51 | — | 162 | — | 79 | 5 | 5 684 | 63 | — | — | — | — | — | — | — | |
| Fishermen and oystermen | 98 452 | 1 745 | 181 636 | 2 363 | — | 1 774 | — | 873 | 81 | 91 968 | 1 527 | — | — | — | — | — | — | — | |
| Freight and material handlers | 6 | 28 | — | — | — | — | — | 9 | — | 8 | — | — | — | — | — | — | — | — | |
| Garbage collectors | 1 668 | 30 | 2 418 | 39 | — | 83 | — | 201 | 18 | 1 203 | 16 | — | — | — | — | — | — | — | |
| Gardeners and groundskeepers, except farm | — | — | 340 | 4 | — | 5 | — | 25 | — | 25 | — | — | — | — | — | — | — | — | |
| Longshoremen and stevedores | 1 197 | 6 | 4 782 | 65 | — | 12 | — | 73 | — | 715 | 27 | — | — | — | — | — | — | — | |
| Lumbermen, raftsmen, and woodchoppers | 40 | 83 | 4 | — | — | — | — | — | — | 59 | — | — | — | — | — | — | — | — | |
| Lumbermen, raftsmen, and woodchoppers | 15 | — | 124 | 4 | — | — | — | 5 | — | 33 | — | — | — | — | — | — | — | — | |
| Stock handlers | 106 | 6 | 140 | 6 | — | 49 | — | — | — | 63 | — | — | — | — | — | — | — | — | |
| Teamsters | 13 | 77 | 8 | — | — | — | — | — | — | 33 | — | — | — | — | — | — | — | — | |
| Vehicle washers and equipment cleaners | 91 | 344 | 13 | — | — | 9 | — | 17 | — | 118 | — | — | — | — | — | — | — | — | |
| Warehousemen, n.e.c. | 235 | — | 385 | 14 | — | 9 | — | — | — | 250 | — | — | — | — | — | — | — | — | |
| Miscellaneous laborers | — | — | — | — | — | — | — | — | — | 22 | — | — | — | — | — | — | — | — | |
| Not specified laborers | — | — | — | — | — | — | — | — | — | 64 | — | — | — | — | — | — | — | — | |
| Labors, except farm—allocated | 464 | 704 | 11 | — | — | 10 | — | 183 | — | 483 | 7 | — | — | — | — | — | — | — | |
| Construction—allocated | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Manufacturing, total | 107 298 | 13 350 | 10 545 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Male | 107 298 | 13 350 | 10 545 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Female | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| | Construction—Con. | | | | | | | | | | | | Manufacturing, total | | | | |
|--|------------------------------|--------|--------------------------------------|--------|---------------------------|-------|---------------|----|----------------------------|--------|------------------------|--------|----------------------|--------|--|--|--|
| | General building contractors | | General contractors, except building | | Special trade contractors | | | | Not specified construction | | Construction—allocated | | Manufacturing, total | | | | |
| | Male | Female | Male | Female | Salaried | | Self-employed | | Male | Female | Male | Female | Male | Female | | | |
| United States | | | | | | | | | | | | | | | | | |
| Farmers and farm managers | | | | | | | | | | | | | | | | | |
| Farm laborers and farm foremen | | | | | | | | | | | | | | | | | |
| Farm foremen | | | | | | | | | | | | | | | | | |
| Farm laborers, wage workers | | | | | | | | | | | | | | | | | |
| Farm laborers, unpaid family workers | | | | | | | | | | | | | | | | | |
| Farm service laborers, self-employed | | | | | | | | | | | | | | | | | |
| Farm laborers and farm foremen—allocated | | | | | | | | | | | | | | | | | |
| Service workers, except private household | | | | | | | | | | | | | | | | | |
| Cleaning service workers | 6 720 | 2 090 | 16 225 | 1 121 | 5 420 | 1 342 | 425 | 76 | 4 271 | 728 | 5 669 | 686 | 386 751 | 66 414 | | | |
| Chambermaids and maids, except private household | 4 632 | 1 786 | 8 858 | 784 | 3 583 | 937 | 186 | 35 | 2 404 | 594 | 1 704 | 52 | 245 086 | 30 308 | | | |
| Cleaners and charwomen | 730 | 1 338 | 12 | 42 | 32 | 88 | 60 | 15 | 503 | 297 | 227 | 12 | 31 409 | 13 561 | | | |
| Janitors and sextons | 3 874 | 596 | 8 337 | 413 | 2 953 | 296 | 126 | 20 | 1 885 | 278 | 1 452 | 13 | 213 260 | 15 228 | | | |
| Food service workers | 186 | 56 | 595 | 96 | 188 | 126 | 51 | — | 230 | 34 | — | — | 10 687 | 15 493 | | | |
| Bartenders | — | — | 9 | — | 41 | — | 37 | — | — | — | — | — | 191 | 56 | | | |
| Busboys | 33 | 20 | 346 | 52 | 19 | 34 | 4 | — | 61 | 25 | — | — | 252 | 137 | | | |
| Dishwashers | 21 | — | 21 | — | 16 | — | — | — | 4 | — | — | — | 6 557 | 4 969 | | | |
| Food counter and fountain workers | 5 | — | 5 | — | — | — | — | — | — | — | — | — | 938 | 511 | | | |
| Waiters | 93 | 36 | 194 | 28 | 112 | 67 | 5 | — | 136 | 5 | — | — | 409 | 2 090 | | | |
| Food service workers, n.e.c., except private household | 26 | — | 9 | 11 | — | 17 | — | — | 29 | 4 | — | — | 1 681 | 3 466 | | | |
| Health service workers | 12 | 22 | 26 | 20 | 15 | 9 | 4 | 4 | 15 | 9 | — | — | 750 | 1 433 | | | |
| Dental assistants | — | 7 | — | 5 | 5 | — | — | — | — | — | — | — | 26 | 97 | | | |
| Health aides, except nursing | 6 | 7 | 13 | 5 | — | — | — | — | — | — | — | — | 207 | 111 | | | |
| Health trainees | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Lay midwives | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Nursing aides, orderlies, and attendants | — | 8 | 9 | 10 | 10 | 5 | 4 | 4 | 15 | 3 | — | — | 485 | 860 | | | |
| Practical nurses | 6 | — | 4 | — | — | — | — | — | — | 6 | — | — | 32 | 365 | | | |
| Personal service workers | 496 | 120 | 266 | 54 | 285 | 64 | 5 | 7 | 380 | 37 | 119 | 65 | 7 470 | 4 999 | | | |
| Airline stewardesses | — | — | — | — | — | — | — | — | — | — | — | — | 6 | 91 | | | |
| Attendants, recreation and amusement | 5 | 4 | 97 | — | 16 | — | — | — | 6 | 5 | 9 | 10 | 263 | 123 | | | |
| Attendants, personal service, n.e.c. | 6 | — | 15 | 13 | — | — | — | — | 3 | — | — | — | 816 | 2 561 | | | |
| Baggage porters and bellhops | — | — | 7 | — | — | — | — | — | — | — | — | — | 60 | 5 | | | |
| Barbers | — | — | — | — | — | — | — | — | — | — | — | — | 115 | 14 | | | |
| Boarding and lodging house keepers | — | — | — | — | 6 | — | 5 | 7 | — | — | — | — | 13 | — | | | |
| Bootblacks | — | — | — | — | — | — | — | — | — | — | — | — | 83 | 109 | | | |
| Child care workers, except private household | — | 6 | 5 | 4 | 13 | 34 | 5 | 7 | 10 | 5 | 11 | 42 | 98 | 390 | | | |
| Elevator operators | 333 | 24 | 73 | 17 | 102 | 6 | — | — | 150 | 6 | 60 | 7 | 4 771 | 403 | | | |
| Hairdressers and cosmetologists | — | — | 12 | — | — | — | — | — | 9 | 11 | — | — | 158 | 394 | | | |
| Housekeepers, except private household | 152 | 86 | 57 | 20 | 148 | 24 | — | — | 197 | 15 | 28 | 6 | 1 087 | 909 | | | |
| School monitors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Ushers, recreation and amusement | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Welfare service aides | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Protective service workers | 962 | 41 | 5 912 | 109 | 435 | 17 | 6 | — | 765 | 15 | 310 | — | 84 504 | 2 078 | | | |
| Crossing guards and bridge tenders | 3 | — | 1 337 | 19 | — | — | 6 | — | 6 | 6 | — | — | 251 | 66 | | | |
| Firemen, fire protection | — | 5 | 67 | — | 21 | — | — | — | 6 | — | — | — | 2 998 | 265 | | | |
| Guards and watchmen | 945 | 28 | 4 081 | 85 | 379 | 17 | — | — | 746 | 9 | 310 | — | 79 711 | 1 615 | | | |
| Marshals and constables | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Policemen and detectives | 14 | 8 | 427 | 5 | 35 | — | — | — | 13 | — | — | — | 1 544 | 132 | | | |
| Sheriffs and bailiffs | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| Service workers, except private household—allocated | 432 | 65 | 568 | 58 | 934 | 189 | 173 | 30 | 477 | 39 | 3 536 | 569 | 38 254 | 12 103 | | | |
| Private household workers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| United States | | Manufacturing, durable goods | | | | | | | | | | | | | |
|---------------|-----------|--|--------|---------------------------------------|--------|-----------------------------|--------|--------------------------|---------|--|--------|--------------------------|--------|--------|--------|
| | | Lumber and wood products, except furniture | | | | Furniture and fixtures | | Glass and glass products | | Cement, concrete, gypsum, and plaster products | | Structural clay products | | | |
| Total | | Logging | | Sawmills, planing mills, and millwork | | Miscellaneous wood products | | Male | | Female | | Male | | Female | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| 9 248 093 | 2 492 924 | 121 295 | 4 298 | 302 445 | 32 490 | 73 356 | 19 240 | 315 280 | 109 989 | 130 712 | 53 139 | 169 116 | 16 127 | 48 682 | 7 317 |
| 1 254 479 | 97 173 | 1 671 | 34 | 7 312 | 647 | 2 267 | 237 | 10 667 | 1 469 | 10 142 | 1 905 | 10 356 | 592 | 1 985 | 460 |
| 89 138 | 17 488 | 134 | 47 | 1 397 | 269 | 375 | 101 | 1 673 | 434 | 1 103 | 246 | 1 570 | 232 | 253 | 88 |
| 1 787 | 47 | — | — | 104 | 6 | 8 | — | 24 | — | 24 | — | 25 | — | — | — |
| 62 674 | 10 096 | 29 | 4 | 232 | 39 | 79 | 7 | 385 | 76 | 310 | 55 | 311 | 36 | 39 | 5 |
| 36 461 | 7 302 | 29 | 4 | 134 | 29 | 44 | 7 | 267 | 38 | 187 | 38 | 198 | 36 | 30 | 5 |
| 22 275 | 2 420 | — | — | 88 | 5 | 35 | — | 118 | 5 | 118 | 14 | 113 | — | 9 | — |
| 3 938 | 374 | — | — | 10 | 5 | — | — | — | — | 5 | 3 | — | — | — | — |
| 539 760 | 6 706 | 326 | — | 1 427 | 19 | 539 | 6 | 2 637 | 42 | 3 316 | 58 | 2 965 | 7 | 560 | 11 |
| 55 595 | 880 | — | — | — | — | — | — | 83 | — | — | — | 6 | — | — | — |
| 8 056 | 112 | 17 | — | 17 | — | 14 | — | 25 | — | 210 | — | 129 | — | 143 | 6 |
| 10 644 | 146 | 67 | — | 126 | — | 42 | — | 44 | — | 84 | — | 761 | — | 49 | — |
| 145 355 | 1 778 | 68 | — | 161 | — | 74 | — | 56 | — | 265 | 4 | 147 | — | 5 | — |
| 100 773 | 1 572 | 68 | — | 471 | 9 | 208 | 6 | 1 315 | 16 | 1 022 | 28 | 589 | 4 | 109 | 5 |
| 104 449 | 919 | 21 | — | 169 | — | 70 | — | 244 | 16 | 566 | 14 | 295 | — | 44 | — |
| 11 724 | 98 | — | — | 5 | — | — | — | 13 | — | 17 | — | — | — | — | — |
| 221 | 4 | — | — | — | — | — | — | — | — | 5 | — | 40 | — | — | — |
| 158 | 4 | 14 | — | 6 | — | — | — | — | — | — | — | — | — | — | — |
| 23 822 | 179 | 10 | — | 85 | — | 33 | — | 166 | — | 84 | — | 272 | — | 119 | — |
| 78 963 | 1 009 | 61 | — | 375 | 10 | 98 | — | 691 | 10 | 1 103 | 12 | 709 | 3 | 91 | — |
| 94 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 169 | 35 | 977 | 20 | 952 | 4 | 159 | — | 9 | — | — | — | 5 | — | — | — |
| 6 | 65 | 6 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 213 | 78 | — | — | 40 | 9 | 10 | 4 | 13 | — | 31 | 5 | 92 | — | — | — |
| 4 213 | 78 | — | — | 40 | 9 | 10 | 4 | 13 | — | 31 | 15 | 92 | 15 | — | — |
| 409 | 1 479 | — | — | 17 | — | — | — | — | — | — | — | 9 | 15 | — | — |
| 360 | 1 466 | — | — | 17 | — | — | — | — | — | — | — | 9 | 15 | — | — |
| 49 | 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 3 563 | 1 580 | — | — | 6 | 32 | — | — | 5 | 8 | 25 | 21 | 33 | 23 | 5 | — |
| 49 | 7 | — | — | — | — | — | — | — | — | 5 | — | 5 | — | — | — |
| 1 066 | 263 | — | — | 7 | — | — | — | — | — | — | — | — | 6 | — | — |
| 2 448 | 1 310 | — | — | 6 | 25 | — | — | 5 | 3 | 20 | 21 | 28 | 17 | 5 | — |
| 26 312 | 1 805 | 17 | — | 82 | 12 | 61 | 10 | 57 | 7 | 593 | 21 | 853 | 17 | 137 | 127 |
| 86 | — | — | — | 6 | — | — | — | — | — | 8 | — | — | — | — | — |
| 361 | 47 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 438 | 213 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 096 | 1 375 | 6 | — | 71 | 12 | 61 | 10 | 57 | — | 467 | 21 | 794 | 17 | 114 | 127 |
| 339 | 20 | 5 | — | — | — | — | — | — | — | — | — | 39 | — | 12 | — |
| 121 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 722 | 132 | 6 | — | 5 | — | — | — | — | — | 108 | — | 20 | — | 11 | — |
| 149 | 18 | — | — | — | — | — | — | — | — | 5 | — | — | — | — | — |
| 34 499 | 1 932 | — | — | 113 | 6 | 71 | — | 268 | 11 | 296 | 5 | 162 | — | 28 | — |
| 43 989 | 6 106 | 61 | — | 607 | 29 | 246 | 15 | 851 | 160 | 685 | 92 | 463 | 57 | 75 | 9 |
| 930 | 81 | — | — | 10 | — | — | — | 4 | — | — | — | 7 | — | 6 | — |
| 136 | 8 | — | — | — | — | — | — | — | — | — | — | 7 | — | — | — |
| 52 | 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 700 | 44 | — | — | 10 | — | — | — | 4 | — | — | — | — | — | 6 | — |
| 15 | 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 17 | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| | Manufacturing, durable goods | | | | | | | | | | | | | | | | | | |
|---|------------------------------|--------|--|---------------------------------------|-----------------------------|------|------------------------|--------------------------|--|--------------------------|------|--------|------|--------|-------|--------|----|---|----|
| | Total | | Lumber and wood products, except furniture | | | | Furniture and fixtures | | Stone, clay, and glass products | | | | | | | | | | |
| | Male | Female | Logging | Sawmills, planing mills, and millwork | Miscellaneous wood products | Male | Female | Glass and glass products | Cement, concrete, gypsum, and plaster products | Structural clay products | Male | Female | Male | Female | Male | Female | | | |
| United States | | | | | | | | | | | | | | | | | | | |
| Professional, technical, and kindred workers - Continued | | | | | | | | | | | | | | | | | | | |
| Registered nurses, dietitians, and therapists | 341 | 9 427 | - | 7 | - | 9 | 35 | - | 7 | - | - | - | - | - | 330 | - | 14 | - | 24 |
| Dietitians | 15 | 46 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Registered nurses | 261 | 9 304 | 9 | 7 | - | 9 | 35 | - | 7 | - | - | - | - | - | 325 | - | 14 | - | 24 |
| Therapists | 65 | 77 | - | - | - | - | - | - | - | - | - | - | - | - | 5 | - | - | - | - |
| Health technologists and technicians | 2 386 | 353 | - | 4 | - | - | - | - | - | - | - | - | - | - | 5 | - | - | - | - |
| Clinical laboratory technologists and technicians | 244 | 166 | - | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Dental hygienists | 13 | 17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Health record technologists and technicians | 24 | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Radiologic technologists and technicians | 80 | 28 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Therapy assistants | 14 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Health technologists and technicians, n.e.c. | 2 011 | 135 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Religious workers | 133 | 27 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Clergymen | 91 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Religious workers, n.e.c. | 42 | 21 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Social scientists | 15 897 | 804 | 5 | 144 | 5 | 5 | 19 | - | 5 | - | - | - | - | - | 5 | - | - | - | - |
| Economists | 15 496 | 758 | 5 | 134 | 5 | 5 | 19 | - | 5 | - | - | - | - | - | 181 | - | - | - | 5 |
| Political scientists | 33 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | 170 | - | - | - | 5 |
| Psychologists | 272 | 26 | 5 | 10 | - | - | - | - | - | - | - | - | - | - | 5 | - | - | - | - |
| Sociologists | 23 | 10 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Urban and regional planners | 54 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Social scientists, n.e.c. | 19 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | 6 | - | - | - | - |
| Social and recreation workers | 316 | 97 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Social workers | 124 | 50 | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Recreation workers | 192 | 47 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Teachers, college and university | 4 252 | 1 172 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Adult education teachers | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Elementary and secondary school teachers | 33 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Prekindergarten and kindergarten teachers | 1 760 | 470 | 5 | 14 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Teachers, except college and university, n.e.c. | 278 930 | 20 873 | 89 | 1 429 | 23 | 11 | 55 | - | 14 | - | - | - | - | - | 2 228 | - | - | - | 31 |
| Engineering and science technicians | 4 918 | 89 | - | 12 | - | - | - | - | - | - | - | - | - | - | 28 | - | - | - | - |
| Agriculture and biological, except health | 121 732 | 5 771 | 39 | 34 | - | - | - | - | - | - | - | - | - | - | 383 | - | 89 | - | 44 |
| Chemical | 74 806 | 5 759 | 16 | 67 | - | - | 43 | - | 951 | - | - | - | - | - | 59 | - | 9 | - | 10 |
| Draftsmen | 11 643 | 986 | 5 | 38 | - | - | - | - | 7 | - | - | - | - | - | 692 | - | 30 | - | 5 |
| Electrical and electronic engineering | 10 432 | 298 | 11 | 11 | - | - | - | - | 29 | - | - | - | - | - | 184 | - | 43 | - | 5 |
| Industrial engineering | 146 | 11 | 15 | 102 | - | - | - | - | 11 | - | - | - | - | - | 228 | - | 69 | - | 14 |
| Mechanical engineering | 676 | 19 | 14 | 214 | - | - | - | - | 10 | - | - | - | - | - | 28 | - | 84 | - | 4 |
| Mathematical | 54 034 | 7 417 | 11 | 12 | - | - | - | - | 5 | - | - | - | - | - | - | - | 5 | - | - |
| Surveyors | 9 228 | 568 | 4 | 98 | - | - | 5 | - | 168 | - | - | - | - | - | 5 | - | 12 | - | - |
| Engineering and science, n.e.c. | 2 267 | 81 | - | 71 | - | - | - | - | 9 | - | - | - | - | - | 280 | - | 16 | - | 35 |
| Technicians, except health, and engineering and science | 19 | - | - | - | - | - | - | - | 26 | - | - | - | - | - | 114 | - | 8 | - | 10 |
| Airplane pilots | 517 | 119 | 4 | 16 | - | - | 5 | - | 10 | - | - | - | - | - | 5 | - | 69 | - | 5 |
| Air traffic controllers | 1 670 | 108 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Embalmers | 3 214 | 260 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Flight engineers | 246 | 54 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Radio operators | 19 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Tool operators | 1 541 | 119 | 4 | 16 | - | - | 5 | - | - | - | - | - | - | - | - | - | - | - | - |
| Tool programmers, numerical control | 517 | 108 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Technicians, n.e.c. | 3 214 | 260 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Vocational and educational counselors | 246 | 54 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | Manufacturing, durable goods | | | | | | | | | | | | | | |
|---|--|--------|---------------------------------------|--------|-----------------------------|-------|------------------------|--------|---------------------------------|-------|--|--------|--------------------------|-------|--------|
| | Lumber and wood products, except furniture | | | | Furniture and fixtures | | | | Stone, clay, and glass products | | | | | | |
| | Logging | | Sawmills, planing mills, and millwork | | Miscellaneous wood products | | Furniture and fixtures | | Glass and glass products | | Cement, concrete, gypsum, and plaster products | | Structural clay products | | |
| Total | | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Professional, technical, and kindred workers—Continued | | | | | | | | | | | | | | | |
| Writers, artists, and entertainers | 9 376 | 10 | 11 | 330 | 58 | 186 | 24 | 1 611 | 290 | 856 | 584 | 388 | 49 | 118 | 96 |
| Actors | 26 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Athletes and kindred workers | 389 | — | — | 17 | 5 | 10 | — | 18 | 13 | — | — | 15 | — | 11 | — |
| Authors | 5 383 | — | — | — | — | — | — | 9 | — | — | — | 10 | — | — | — |
| Dancers | 81 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Designers | 32 157 | 5 | 6 | 141 | 27 | 98 | 15 | 1 335 | 205 | 388 | 32 | 147 | 11 | 48 | 56 |
| Editors and reporters | 4 254 | 1 527 | 5 | 5 | 5 | — | — | 28 | 7 | 25 | 7 | 16 | 10 | — | — |
| Musicians and composers | 268 | — | — | — | — | — | — | — | 4 | — | — | — | — | — | — |
| Painters and sculptors | 7 464 | 2 627 | — | 21 | 17 | 30 | 9 | 47 | 29 | 318 | 505 | 33 | 13 | 19 | 40 |
| Photographers | 3 641 | 6 439 | 5 | 17 | — | 5 | — | 10 | 6 | 37 | 10 | 13 | 5 | 6 | — |
| Public relations men and publicity writers | 5 976 | 646 | — | 108 | 4 | 39 | — | 128 | 20 | 76 | 19 | 154 | 5 | 28 | — |
| Radio and television announcers | 52 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Writers, artists, and entertainers, n.e.c. | 10 172 | — | — | 21 | — | 4 | — | 36 | — | 12 | 11 | — | 5 | 6 | — |
| Research workers, not specified | 9 300 | 687 | 5 | 78 | 10 | 35 | — | 105 | 70 | 199 | 9 | 130 | 16 | 40 | — |
| Professional, technical, and kindred workers—allocated | 52 231 | 5 763 | — | 238 | 19 | 70 | 23 | 222 | 87 | 156 | 39 | 218 | 20 | 43 | 10 |
| Managers and administrators, except farm | | | | | | | | | | | | | | | |
| Assessors, controllers, and treasurers; local public administration | 560 691 | 30 158 | 170 | 17 837 | 667 | 6 117 | 420 | 19 856 | 1 662 | 5 994 | 369 | 16 136 | 562 | 2 620 | 271 |
| Bank officers and financial managers | 9 892 | 630 | 13 | 132 | 16 | 29 | 5 | 229 | 17 | 126 | 31 | 166 | 18 | 28 | — |
| Buyers and shippers, farm products | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Buyers, wholesale and retail trade | 4 447 | 790 | 9 | 105 | 26 | 6 | 4 | 253 | 70 | 44 | 4 | 252 | 10 | 32 | 14 |
| Credit men | 19 | 6 | — | — | — | — | — | — | — | 7 | — | — | — | — | — |
| Funeral directors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health administrators | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Construction inspectors; public administration | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Inspectors, except construction; public administration | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Managers and superintendents, building | | | | | | | | | | | | | | | |
| Office managers, n.e.c. | 307 | 22 | 6 | 27 | — | 6 | — | 5 | — | 196 | 80 | 10 | 4 | 125 | 66 |
| Managers and superintendents, building | 13 847 | 6 298 | 81 | 637 | 191 | 276 | 114 | 643 | 420 | — | — | 890 | 171 | 11 | — |
| Officers, pilots, and purser; ship | 590 | 11 | — | 31 | — | 5 | — | 6 | — | — | — | 50 | — | — | — |
| Officials and administrators; public administration, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Officials of lodges, societies, and unions | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Postmasters and mail superintendents | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Purchasing agents and buyers, n.e.c. | 57 230 | 5 407 | 424 | 1 433 | 48 | 351 | 32 | 1 560 | 203 | 473 | 49 | 631 | 23 | 132 | 4 |
| Railroad conductors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Railroad conductors | 340 | 245 | — | — | — | — | — | 11 | 21 | 5 | — | 4 | 5 | — | — |
| Restaurant, cafeteria, and bar managers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sales managers and department heads, retail trade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sales managers, except retail trade | | | | | | | | | | | | | | | |
| School administrators, college | 51 343 | 1 088 | 22 | 1 064 | 16 | 324 | 20 | 1 947 | 72 | 602 | 24 | 1 270 | 15 | 237 | 15 |
| School administrators, elementary and secondary | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Managers and administrators, n.e.c. (excl. office managers, n.e.c.) | 396 725 | 13 937 | 6 659 | 14 198 | 351 | 5 030 | 239 | 14 975 | 805 | 4 413 | 181 | 12 736 | 311 | 2 031 | 162 |
| Managers and administrators, n.e.c. (excl. office managers, n.e.c.) | 360 942 | 12 005 | 2 051 | 10 157 | 303 | 3 887 | 171 | 12 930 | 702 | 4 023 | 159 | 10 980 | 252 | 1 819 | 87 |
| Self-employed | 35 783 | 1 932 | 4 608 | 4 041 | 48 | 1 143 | 68 | 2 045 | 123 | 390 | 22 | 1 756 | 59 | 212 | 95 |
| Managers and administrators, except farm—allocated | 25 951 | 1 724 | — | 210 | 19 | 90 | 6 | 227 | 34 | 128 | — | 127 | 5 | 24 | 10 |
| Sales workers | | | | | | | | | | | | | | | |
| Advertising agents and salesmen | 180 745 | 12 359 | 348 | 4 083 | 137 | 1 558 | 236 | 10 244 | 803 | 2 259 | 240 | 5 574 | 157 | 1 292 | 107 |
| Auctioneers | 1 049 | 9 | — | 25 | — | 4 | — | 32 | 10 | 11 | 5 | 42 | — | — | — |
| Demonstrators | 27 | 13 | 6 | — | — | — | — | — | — | 5 | — | — | — | — | — |
| Hucksters and peddlers | 470 | 425 | — | — | 5 | — | — | 10 | — | — | 4 | — | 5 | — | — |
| Insurance agents, brokers, and underwriters | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Newsboys | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Real estate agents and brokers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Stock and bond salesmen | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Salesmen and sales clerks, n.e.c. | 167 438 | 9 315 | 333 | 3 961 | 110 | 1 474 | 215 | 10 072 | 692 | 2 137 | 182 | 5 430 | 142 | 1 268 | 107 |
| Sales workers—allocated | 11 761 | 2 436 | — | 97 | 22 | 80 | 21 | 130 | 91 | 106 | 49 | 102 | 10 | 24 | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | Manufacturing, durable goods | | | | | | | | | | | | | | | |
|---|--|---------|---------------------------------------|-------|-----------------------------|--------|------------------------|--------|---------------------------------|--------|--|--------|--------------------------|--------|--------|-------|
| | Lumber and wood products, except furniture | | | | | | Furniture and fixtures | | Stone, clay, and glass products | | | | | | | |
| | Logging | | Sawmills, planing mills, and millwork | | Miscellaneous wood products | | Male | Female | Glass and glass products | | Cement, concrete, gypsum, and plaster products | | Structural clay products | | | |
| Total | | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Clerical and kindred workers | 583 715 | 843 343 | 700 | 1 558 | 8 323 | 12 353 | 2 305 | 4 547 | 15 713 | 27 084 | 6 332 | 10 441 | 7 829 | 11 914 | 1 350 | 2 476 |
| Bank tellers | 3 124 | 12 997 | 9 | 16 | 34 | 216 | 24 | 104 | 88 | 718 | 39 | 255 | 60 | 340 | 16 | 92 |
| Billing clerks | 37 538 | 95 201 | 224 | 758 | 1 137 | 3 390 | 315 | 1 087 | 950 | 4 996 | 535 | 1 259 | 1 270 | 3 205 | 160 | 426 |
| Bookkeepers | 1 026 | 3 092 | | 13 | 17 | 32 | | 4 | 23 | 83 | 21 | 54 | 16 | 20 | | |
| Cashiers | | | | | | | | | | | | | | | | |
| Clerical assistants, social welfare | 5 186 | 1 952 | 5 | | 32 | 21 | 13 | 11 | 89 | 59 | 72 | 25 | 99 | 23 | 14 | 7 |
| Clerical supervisors, n.e.c. | 550 | 253 | 5 | | 13 | | | | 16 | 9 | 8 | 4 | 46 | | 10 | |
| Collectors, bill and account | 9 683 | 7 536 | 18 | 19 | 128 | 85 | 29 | 53 | 291 | 394 | 128 | 73 | 110 | 48 | 20 | 19 |
| Counter clerks, except food | 3 520 | 583 | 21 | | 36 | | 14 | 4 | 65 | 5 | 30 | 7 | 1 453 | 79 | 7 | |
| Dispatchers and starters, vehicle | | | | | | | | | | | | | | | | |
| Enumerators and interviewers | 289 | 148 | 11 | | 9 | | | | 6 | 5 | 9 | | | 5 | | |
| Estimators and investigators, n.e.c. | 22 406 | 2 813 | 33 | | 455 | 37 | 51 | 9 | 642 | 105 | 200 | 12 | 285 | 34 | 27 | 10 |
| Expeditors and production controllers | 94 312 | 16 164 | 28 | | 402 | 90 | 195 | 62 | 1 604 | 519 | 722 | 231 | 501 | 64 | 136 | 25 |
| File clerks | 9 444 | 29 635 | | | 23 | 134 | 27 | 35 | 168 | 896 | 92 | 253 | 85 | 150 | 12 | 37 |
| Insurance adjusters, examiners, and investigators | 211 | 206 | | | 10 | 7 | | | 4 | 10 | | | | 5 | | |
| Library attendants and assistants | 171 | 818 | | | | | | | | | | | | | | |
| Mail carriers, post office | 6 751 | 5 161 | 3 | | 54 | 41 | 21 | 33 | 137 | 176 | 78 | 81 | 79 | 40 | 23 | 5 |
| Mail handlers, except post office | 2 087 | 418 | | | 45 | 12 | 22 | 7 | 52 | 11 | 15 | 5 | 35 | 6 | 22 | |
| Messengers, including telegraph, and office boys | | | | | | | | | | | | | | | | |
| Meter readers, utilities | | | | | | | | | | | | | | | | |
| Office machine operators | 28 007 | 59 810 | 9 | | 219 | 493 | 87 | 179 | 376 | 1 403 | 214 | 646 | 248 | 510 | 20 | 154 |
| Bookkeeping and billing machine | 892 | 3 856 | | | 29 | 49 | 4 | 34 | 25 | 155 | 47 | 47 | 16 | 109 | | 14 |
| Calculating machine | 304 | 3 262 | | | 6 | 36 | 6 | 59 | 5 | 60 | 3 | 2 | 2 | 10 | | 9 |
| Computer and peripheral equipment | 17 900 | 5 121 | 5 | | 69 | 26 | 51 | 27 | 191 | 176 | 111 | 59 | 170 | 44 | 16 | 12 |
| Duplicating machine | 1 812 | 2 692 | | | 10 | 16 | 8 | 10 | 14 | 43 | 12 | 10 | 6 | 6 | | 5 |
| Keypunch | 4 868 | 41 782 | | | 63 | 350 | 23 | 88 | 137 | 917 | 74 | 437 | 43 | 307 | 4 | 98 |
| Tabulating machine | 898 | 782 | 4 | | 48 | 12 | 9 | 16 | 20 | 10 | 11 | 11 | 5 | 11 | | 6 |
| Office machine, n.e.c. | 1 233 | 2 659 | | | | 4 | 27 | 201 | 380 | 42 | 6 | 23 | 4 | 23 | | 6 |
| Payroll and timekeeping clerks | 17 677 | 23 764 | 53 | | 194 | 429 | 27 | 201 | 380 | 1 177 | 230 | 513 | 256 | 315 | 73 | 144 |
| Postal clerks | | | | | | | | | | | | | | | | |
| Proofreaders | | | | | | | | | | | | | | | | |
| Real estate appraisers | 36 | | 5 | | 5 | | | | | | | | | | | |
| Receptionists | 549 | 13 947 | | | 3 | 214 | | | 11 | 623 | | 196 | 5 | 239 | | 72 |
| Secretaries | 6 820 | 298 522 | 8 | | 162 | 4 598 | 74 | 1 568 | 289 | 8 403 | 66 | 4 431 | 129 | 4 750 | 28 | 892 |
| Legal | 52 | 964 | | | | 9 | | | 10 | | | 30 | 4 | 32 | | |
| Medical | 69 | 236 | | | | 4 | | | | | | | | | | |
| Shipping and receiving clerks | 104 333 | 13 001 | 57 | | 1 894 | 113 | 707 | 164 | 6 525 | 634 | 1 812 | 159 | 607 | 22 | 455 | 51 |
| Statistical clerks | 19 385 | 15 474 | 49 | | 1 568 | 186 | 96 | 10 | 156 | 317 | 165 | 127 | 190 | 118 | 19 | 36 |
| Stenographers | 153 | 12 466 | | | | 66 | | 4 | 4 | 205 | 5 | 118 | 152 | 152 | 62 | 62 |
| Stock clerks and storekeepers | 100 891 | 17 353 | 46 | | 764 | 162 | 262 | 77 | 2 311 | 602 | 840 | 173 | 699 | 29 | 131 | 38 |
| Teacher aides, except school monitors | | | | | | | | | | | | | | | | |
| Telegraph operators | 121 | 115 | | | | 6 | | | | | | | 6 | | | |
| Telephone operators | 1 398 | 12 611 | 9 | | 10 | 194 | | | 31 | 519 | 24 | 203 | 48 | 208 | | 14 |
| Ticket, station, and express agents | | | | | | | | | | | | | | | | |
| Typists | 7 095 | 93 447 | | | 54 | 748 | 18 | 314 | 51 | 2 649 | 88 | 876 | 71 | 765 | 31 | 180 |
| Weights | 7 074 | 1 746 | 23 | | 78 | 6 | 33 | | 19 | | 114 | 24 | 450 | 11 | 7 | |
| Miscellaneous clerical workers | 32 279 | 13 303 | 19 | | 325 | 111 | 102 | 34 | 447 | 428 | 340 | 151 | 325 | 142 | 44 | 31 |
| Not specified clerical workers | 29 468 | 48 520 | 65 | | 474 | 889 | 127 | 367 | 738 | 2 049 | 372 | 584 | 738 | 585 | 62 | 166 |
| Clerical and kindred workers—allocated | 32 131 | 42 287 | | | 178 | 73 | 61 | 69 | 240 | 289 | 113 | 169 | 125 | 49 | 33 | 15 |
| Craftsman and kindred workers | 2 469 052 | 118 309 | 15 560 | 265 | 58 490 | 2 580 | 14 681 | 871 | 99 734 | 10 829 | 31 440 | 1 085 | 35 752 | 457 | 8 418 | 191 |
| Automobile accessories installers | 673 | 25 | | | | | | | 6 | 4 | 5 | | | | | |
| Bakers | 589 | 197 | | | | | | | 18 | 5 | 16 | | 49 | | 4 | |
| Blacksmiths | 2 531 | 60 | | | 50 | | | | 47 | | 22 | | 88 | | | |
| Boilermakers | 11 496 | 123 | 11 | | 49 | | 13 | | 11 | 4 | | 5 | | | | |
| Bookbinders | 140 | 190 | | | | | | | | | | | | | | |
| Brickmasons and stonemasons | 12 305 | 282 | 30 | 6 | 60 | | 8 | | 18 | 5 | 301 | | 632 | 21 | 605 | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| United States | Manufacturing, durable goods | | | | | | | | | | | | | |
|---|------------------------------|--------|--|---------------------------------------|-----------------------------|------------------------|--------------------------|--|--------------------------|--------|---------------------------------|-------|--------|--|
| | Total | | Lumber and wood products, except furniture | | | | Furniture and fixtures | | | | Stone, clay, and glass products | | | |
| | Male | Female | Logging | Sawmills, planing mills, and millwork | Miscellaneous wood products | Furniture and fixtures | Glass and glass products | Cement, concrete, gypsum, and plaster products | Structural clay products | Male | Female | Male | Female | |
| Craftsmen and kindred workers—Continued | | | | | | | | | | | | | | |
| Bulldozer operators | 13 164 | 248 | 3 587 | 1 918 | 22 | 290 | 178 | — | — | — | 573 | — | 8 | |
| Cabinetmakers | 34 620 | 2 592 | 33 | 2 979 | 72 | 354 | 24 391 | 66 | 5 | 5 | 1 203 | 17 | — | |
| Carpenters | 74 090 | 2 169 | 461 | 7 702 | 205 | 1 881 | 10 457 | 655 | 31 | 5 | — | — | — | |
| Carpet installers | 692 | 98 | — | 14 | — | — | 64 | 6 | — | — | — | — | — | |
| Cement and concrete finishers | 2 107 | 78 | 11 | 14 | — | — | 170 | 34 | 17 | 1 616 | 36 | 31 | — | |
| Compositors and typesetters | 5 319 | 2 168 | 14 | 105 | 21 | 109 | 230 | 51 | 6 | — | — | — | — | |
| Cranemen, derrickmen, and hoistmen | 87 729 | 1 301 | 28 | 2 065 | 19 | 600 | 250 | 501 | 8 | 8 | 2 972 | 8 | 7 | |
| Decorators and window dressers | 574 | 420 | 14 | 4 | 6 | 5 | 27 | 8 | — | — | — | — | 7 | |
| Dental laboratory technicians | 1 343 | 402 | 6 | 4 | 4 | — | — | — | — | — | — | — | — | |
| Electricians | 103 994 | 4 288 | 60 | 1 702 | 16 | 403 | 744 | 1 680 | 17 | 1 670 | 8 | 268 | — | |
| Electric power linemen and cablemen | 555 | 180 | 5 | — | — | — | 17 | — | — | 6 | — | — | — | |
| Electrotypers and stereotypers | 331 | 40 | — | — | — | — | 3 | — | — | 5 | — | — | — | |
| Engrobers, except photoengravers | 3 251 | 1 305 | 6 | 440 | 6 | 60 | 14 | 68 | 24 | 21 | — | — | — | |
| Excavating, grading, and road machine operators, except bulldozer | 9 222 | 1 197 | 2 695 | 50 | 11 | 5 | 25 | 103 | 9 | 2 258 | 17 | 286 | — | |
| Floor layers, except tile setters | 1 600 | 42 | — | 78 | 25 | 5 | 27 | 14 | — | 11 | — | — | — | |
| Foremen, n.e.c. | 536 915 | 25 634 | 31 | 15 168 | 248 | 5 023 | 21 158 | 9 899 | 323 | 11 180 | 172 | 3 051 | 82 | |
| Foremen and hammermen | 12 693 | 524 | 11 | 17 | — | 35 | 33 | 10 | 7 | 24 | 4 | 10 | 5 | |
| Furniture and wood finishers | 8 634 | 2 837 | 4 | 342 | 47 | 199 | 7 426 | 10 | 4 | — | — | — | — | |
| Furriers | 142 | 22 | — | 6 | — | — | 16 | — | — | — | — | — | — | |
| Glaziers | 2 796 | 504 | — | 403 | 114 | 16 | 99 | 1 015 | 69 | 4 | — | — | — | |
| Heat treaters, annealers, and temperers | 19 097 | 538 | 4 | 4 | — | — | 7 | 25 | — | 7 | — | — | — | |
| Inspectors, scalers, and graders; log and lumber | 11 977 | 1 739 | 822 | 10 182 | 1 441 | 469 | 307 | 32 | 20 | 61 | — | 11 | — | |
| Inspectors, n.e.c. | 16 637 | 1 255 | — | 44 | — | — | 62 | 9 | — | — | — | 10 | — | |
| Jewelers and watchmakers | 8 050 | 2 614 | — | 6 | — | 6 | 10 | 24 | 7 | 5 | — | 26 | — | |
| Job and die setters, metal | 81 726 | 2 163 | 15 | 30 | — | 50 | 428 | 72 | 7 | 22 | — | 4 | — | |
| Locomotive engineers | 2 333 | 33 | 14 | 31 | — | 26 | 4 | — | — | 68 | — | — | — | |
| Locomotive firemen | 160 | — | — | — | — | — | — | — | — | — | — | — | — | |
| Machinists | 263 341 | 7 858 | 127 | 1 644 | 38 | 763 | 2 152 | 4 425 | 71 | 997 | 18 | 475 | 6 | |
| Mechanics and repairmen | 365 507 | 16 489 | 1 676 | 6 218 | 64 | 1 891 | 6 230 | 6 875 | 73 | 9 431 | 89 | 2 013 | 19 | |
| Air conditioning, heating, and refrigeration | 10 530 | 191 | 5 | 15 | — | 6 | 54 | 221 | — | 31 | — | 14 | — | |
| Aircraft | 39 400 | 2 293 | 11 | 4 | — | 4 | 130 | 5 | — | 7 | — | — | — | |
| Automobile body repairmen | 1 769 | 13 | — | — | — | — | — | — | — | — | — | — | — | |
| Automobile mechanics | 49 932 | 1 516 | 508 | 702 | 7 | 138 | 194 | 97 | 3 | 18 | — | 314 | — | |
| Data processing machine repairmen | 10 168 | 320 | — | — | — | — | 25 | 5 | — | — | — | — | — | |
| Farm implement | 916 | 20 | — | 24 | — | 6 | 5 | 3 | — | — | — | — | — | |
| Heavy equipment mechanics, including diesel | 193 408 | 4 383 | 984 | 4 637 | 37 | 1 527 | 4 789 | 5 619 | 66 | 4 4 | 43 | 1 462 | 15 | |
| Household appliance and accessory installers and mechanics | 7 600 | 721 | — | 17 | — | 15 | 274 | 18 | — | 3 | — | — | — | |
| Loom fixers | 307 | 17 | — | — | — | 6 | 19 | 55 | — | — | — | — | — | |
| Office machine | 6 206 | 258 | — | — | — | — | 54 | 5 | — | — | — | — | — | |
| Radio and television | 12 304 | 2 258 | 6 | 21 | — | 12 | 86 | 44 | — | 38 | — | — | — | |
| Railroad and car shop | 2 470 | 34 | 20 | 32 | — | — | — | 26 | — | 8 | — | — | — | |
| Miscellaneous mechanics and repairmen | 30 026 | 3 031 | 38 | 228 | — | 74 | 172 | 315 | — | 413 | — | 36 | — | |
| Not specified mechanics and repairmen | 20 471 | 1 434 | 104 | 538 | 11 | 103 | 428 | 462 | 4 | 761 | 7 | 139 | — | |
| Millers; grain, flour, and feed | 180 | 9 | — | 16 | — | 6 | 5 | — | — | — | — | — | — | |
| Molders, metal | 48 497 | 551 | 159 | 4 437 | 47 | 401 | 416 | 730 | 12 | 306 | 7 | 123 | — | |
| Molders, metal | 48 314 | 5 749 | — | — | — | — | — | — | — | — | — | — | — | |
| Motion picture projectionists | 137 | 10 | — | — | — | — | — | 8 | — | — | — | — | — | |
| Opticians, and lens grinders and polishers | 6 653 | 3 138 | — | 5 | — | — | — | 384 | 136 | — | — | — | — | |
| Painters, construction and maintenance | 31 021 | 3 197 | 13 | 377 | 55 | 237 | 1 799 | 120 | 40 | 172 | 11 | 74 | 11 | |
| Paperhangers | 159 | — | 4 | 6 | — | — | — | 41 | — | 4 | — | — | — | |
| Pattern and model makers, except paper | 32 821 | 1 261 | — | 140 | 14 | 315 | 323 | 226 | — | 46 | 12 | 34 | 4 | |
| Photoengravers and lithographers | 1 | 346 | — | — | — | 15 | — | 5 | — | 4 | — | — | — | |
| Piano and organ tuners and repairmen | 506 | 148 | — | — | — | — | 16 | — | — | — | — | — | — | |
| Plasterers | 318 | 47 | — | 10 | — | — | 12 | — | — | — | — | — | 8 | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | Manufacturing, durable goods | | | | | | | | | | | | | |
|---|--|---------|---------------------------------------|--------|-----------------------------|--------|------------------------|--------|---------------------------------|--------|--|--------|--------------------------|--------|
| | Lumber and wood products, except furniture | | | | Furniture and fixtures | | | | Stone, clay, and glass products | | | | | |
| | Logging | | Sawmills, planing mills, and millwork | | Miscellaneous wood products | | Furniture and fixtures | | Glass and glass products | | Cement, concrete, gypsum, and plaster products | | Structural clay products | |
| Total | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Operatives, except transport—Continued | | | | | | | | | | | | | | |
| Punch and stamping press operatives | 103 467 | 42 621 | — | 5 | 4 | — | 177 | 54 | 64 | — | — | — | 88 | 29 |
| Riveters and fasteners | 11 226 | 7 296 | — | 43 | 4 | — | 809 | 140 | 317 | — | — | — | 67 | 5 |
| Sailors and deckhands | 496 | 38 | — | 33 | 4 | — | 33 | — | — | — | — | — | 4 | — |
| Sawyers | 77 941 | 6 605 | — | 5 758 | 1 424 | — | 35 794 | 1 424 | 690 | — | — | — | 259 | 36 |
| Sewers and sifters | 5 140 | 36 476 | — | 13 | 5 | — | 202 | 64 | 67 | — | — | — | 65 | 16 |
| Shoemaking machine operatives | 318 | 183 | — | — | — | — | — | — | — | — | — | — | — | — |
| Solders | 6 048 | 30 741 | — | 6 | 4 | — | 11 | 15 | 18 | — | — | — | 28 | — |
| Stationary firemen | 27 084 | 796 | — | 130 | — | — | 3 290 | 54 | 30 | — | — | — | 1 498 | 52 |
| Textile operatives | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Carding, lapping, and combing operatives | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Knitters, loopers, and foppers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Spinners, twistlers, and winders | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Weavers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Textile operatives, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Welders and flamecutters | 320 671 | 26 964 | — | 211 | 17 | — | 1 656 | 33 | 344 | 45 | — | — | 925 | 13 |
| Winding operatives, n.e.c. | 17 015 | 25 743 | — | 5 | 5 | — | 105 | 30 | 93 | 29 | — | — | 519 | 173 |
| Machine operatives, miscellaneous specified | 319 515 | 115 707 | — | 1 538 | 72 | — | 17 544 | 2 351 | 5 231 | 1 918 | — | — | 12 364 | 3 820 |
| Machine operatives, not specified | 243 148 | 78 450 | — | 641 | 37 | — | 6 472 | 877 | 3 139 | 1 008 | — | — | 6 099 | 928 |
| Miscellaneous operatives | 190 925 | 71 411 | — | 559 | 70 | — | 8 790 | 1 559 | 3 998 | 1 355 | — | — | 4 506 | 1 011 |
| Not specified operatives | 125 946 | 39 740 | — | 477 | 56 | — | 12 197 | 656 | 1 344 | 398 | — | — | 4 739 | 1 007 |
| Operatives, except transport—allocated | 198 038 | 88 977 | — | — | — | — | 622 | 64 | 159 | 54 | — | — | 300 | 107 |
| Transport equipment operatives | 304 229 | 5 177 | — | 13 674 | 211 | — | 26 081 | 426 | 4 712 | 58 | — | — | 6 150 | 90 |
| Boatmen and canalmen | 428 | — | — | 15 | — | — | 4 | — | 16 | — | — | — | — | — |
| Bus drivers | 381 | 24 | — | — | — | — | 4 | — | — | — | — | — | — | — |
| Conductors and motormen, urban rail transit | 47 | 19 | — | — | — | — | — | — | 5 | — | — | — | — | — |
| Deliverymen and routemen | 25 263 | 607 | — | 259 | 4 | — | 1 303 | 24 | 313 | 5 | — | — | 472 | 15 |
| Fork lift and tow motor operatives | 97 790 | 1 825 | — | 738 | 11 | — | 10 772 | 183 | 2 221 | 40 | — | — | 3 509 | 31 |
| Motormen, mine, factory, logging camp, etc. | 1 921 | 57 | — | 11 | — | — | 22 | — | 17 | — | — | — | 19 | 12 |
| Parking attendants | 212 | 22 | — | — | — | — | — | — | — | — | — | — | 10 | — |
| Railroad brakemen | 2 010 | 66 | — | 10 | — | — | 52 | 9 | 13 | — | — | — | 5 | — |
| Railroad switchmen | 3 362 | 134 | — | 4 | — | — | 9 | — | 27 | — | — | — | 5 | — |
| Taxicab drivers and chauffeurs | 6 112 | 212 | — | 8 | — | — | 28 | — | 19 | — | — | — | 43 | — |
| Truck drivers | 143 051 | 1 961 | — | 12 629 | 196 | — | 13 637 | 213 | 2 002 | 13 | — | — | 1 979 | 25 |
| Transport equipment operatives—allocated | 23 652 | 250 | — | — | — | — | 214 | 6 | 74 | — | — | — | 108 | 7 |
| Laborers, except farm | 534 620 | 49 562 | — | 71 314 | 1 278 | — | 61 183 | 3 339 | 7 886 | 1 094 | — | — | 9 888 | 1 095 |
| Animal caretakers, except farm | 124 | 15 | — | — | — | — | 20 | — | — | — | — | — | — | — |
| Carpenters' helpers | 3 060 | 147 | — | 22 | — | — | 417 | — | 110 | 10 | — | — | 21 | — |
| Construction laborers, except carpenters' helpers | 17 096 | 789 | — | 89 | — | — | 537 | 19 | 192 | 5 | — | — | 102 | 5 |
| Fishermen and oystermen | 288 | 35 | — | — | — | — | 21 | — | 17 | — | — | — | 34 | — |
| Freight and material handlers | 136 663 | 14 780 | — | 4 842 | 147 | — | 29 902 | 2 036 | 2 648 | 459 | — | — | 4 707 | 393 |
| Garbage collectors | 162 | 16 | — | — | — | — | 15 | — | — | — | — | — | — | — |
| Gardeners and groundskeepers, except farm | 4 586 | 471 | — | 201 | 4 | — | 408 | 21 | 75 | — | — | — | 109 | 10 |
| Longshoremen and stevedores | 1 159 | 31 | — | 72 | — | — | 33 | — | — | — | — | — | 7 | — |
| Lumbermen, raftsmen, and woodchoppers | 73 192 | 1 322 | — | 64 065 | 1 108 | — | 7 873 | 115 | 674 | 16 | — | — | 16 | — |
| Stock handlers | 33 250 | 5 305 | — | 78 | 4 | — | 482 | 43 | 152 | 64 | — | — | 283 | 93 |
| Teamsters | 86 | 86 | — | 1 871 | 15 | — | 2 535 | 48 | 8 | 10 | — | — | 35 | 6 |
| Vehicle washers and equipment cleaners | 15 431 | 2 260 | — | 61 | — | — | 192 | 6 | 77 | 10 | — | — | 676 | 108 |
| Warehousemen, n.e.c. | 9 846 | 273 | — | 13 | — | — | 310 | — | 38 | — | — | — | 618 | 9 |
| Miscellaneous laborers | 65 083 | 6 636 | — | — | — | — | 7 076 | 424 | 572 | 85 | — | — | 436 | 94 |
| Not specified laborers | 127 456 | 14 170 | — | — | — | — | 10 899 | 617 | 3 165 | 435 | — | — | 2 916 | 368 |
| Laborers, except farm—allocated | 42 198 | 3 226 | — | — | — | — | 463 | 10 | 158 | — | — | — | 128 | 4 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

Data based on 20-percent sample, see text. For meaning of symbols, see text.

| United States | | Manufacturing, durable goods | | | | | | | | | | | | | |
|--|--|--|--------|---------------------------------------|--------|-----------------------------|--------|------------------------|--------|---------------------------------|--------|--|--------|--------------------------|--------|
| | | Lumber and wood products, except furniture | | | | Furniture and fixtures | | | | Stone, clay, and glass products | | | | | |
| | | Logging | | Sawmills, planing mills, and millwork | | Miscellaneous wood products | | Furniture and fixtures | | Glass and glass products | | Cement, concrete, gypsum, and plaster products | | Structural clay products | |
| Total | | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Farmers and farm managers | | 226 077 | 34 086 | 117 | 6 692 | 824 | 212 | 6 925 | 1 165 | 4 320 | 619 | 3 040 | 363 | 1 101 | 107 |
| Farm foremen | | 140 010 | 15 499 | 61 | 3 237 | 584 | 150 | 4 691 | 654 | 3 188 | 258 | 2 125 | 297 | 831 | 77 |
| Farm laborers, wage workers | | 253 | 647 | 6 | 3 | 17 | 9 | 9 | 42 | 11 | 12 | 5 | 12 | — | — |
| Farm laborers, unpaid family workers | | 17 745 | 6 117 | 37 | 273 | 267 | 86 | 507 | 344 | 466 | 108 | 235 | 119 | 97 | 46 |
| Farm service laborers, self-employed | | 122 012 | 8 735 | 177 | 2 961 | 300 | 55 | 4 175 | 268 | 2 711 | 138 | 1 885 | 166 | 734 | 31 |
| Farm laborers and farm foremen—allocated | | 2 889 | 7 361 | 38 | 36 | 57 | 5 | 56 | 191 | 74 | 126 | 37 | 19 | 4 | 4 |
| Service workers, except private household | | 62 | 26 | — | — | — | — | — | — | — | — | — | — | — | — |
| Cleaning service workers | | 136 | 73 | — | — | — | — | — | — | — | — | — | — | — | — |
| Barbers | | 1 | 316 | 38 | 26 | 38 | 5 | 11 | 69 | 10 | 61 | 31 | 11 | — | 4 |
| Busboys | | 386 | 198 | 6 | — | 3 | — | 12 | 9 | 10 | 30 | — | — | — | — |
| Cooks, except private household | | 187 | 230 | — | — | — | — | 6 | 20 | 4 | 4 | — | — | — | — |
| Dishwashers | | 329 | 1 734 | 6 | 4 | 6 | 7 | 5 | 33 | 24 | 21 | 6 | 8 | 4 | — |
| Food counter and fountain workers | | 463 | 1 985 | — | 6 | 10 | 5 | 13 | 60 | 21 | 14 | — | — | — | — |
| Waiters | | 552 | 795 | — | 4 | 6 | — | — | 23 | 10 | 35 | — | — | — | — |
| Food service workers, n.e.c., except private household | | 122 | 49 | — | — | — | — | — | — | — | — | — | — | — | — |
| Health service workers | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Dental assistants | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health aides, except nursing | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health trainees | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Lay midwives | | 384 | 429 | — | 4 | 6 | — | — | 13 | 10 | 21 | — | — | — | — |
| Nursing aides, orderlies, and attendants | | 26 | 250 | — | — | — | — | — | 10 | — | 14 | — | — | — | — |
| Practical nurses | | 2 869 | 2 252 | — | 36 | 9 | 6 | 107 | 41 | 44 | 69 | 46 | 20 | 19 | 5 |
| Personal service workers | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Airlines stewardesses | | 169 | 66 | — | 8 | 4 | — | — | 4 | — | — | 6 | — | 3 | — |
| Attendants, recreation and amusement | | 371 | 1 154 | — | 12 | — | — | — | 20 | 18 | 59 | — | 4 | 5 | — |
| Attendants, personal service, n.e.c. | | 42 | 5 | — | — | — | — | — | — | — | — | — | — | — | — |
| Baggage porters and bellhops | | 92 | 9 | — | — | — | — | — | — | — | — | — | — | — | — |
| Barbers | | 13 | 11 | — | — | — | — | — | — | — | — | — | — | — | — |
| Boarding and lodging house keepers | | 11 | 4 | — | — | — | — | — | 6 | — | — | — | — | — | — |
| Bookbinders | | 59 | 175 | — | 16 | 5 | 10 | — | 17 | 11 | — | — | 7 | — | — |
| Child care workers, except private household | | 1 434 | 126 | — | — | — | — | — | — | 15 | 10 | — | — | — | — |
| Elevator operators | | 81 | 231 | — | — | — | — | — | — | — | — | — | — | — | — |
| Hairdressers and cosmetologists | | 657 | 433 | — | — | — | — | — | — | — | — | — | — | — | — |
| Housekeepers, except private household | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| School monitors | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Ushers, recreation and amusement | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Welfare service aides | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Protective service workers | | 55 598 | 1 309 | 226 | 3 102 | 70 | 583 | 1 758 | 49 | 864 | 35 | 676 | 4 | 204 | — |
| Crossing guards and bridge tenders | | 123 | 27 | — | 13 | — | — | — | — | 7 | — | — | — | — | — |
| Firemen, fire protection | | 2 254 | 169 | 11 | 48 | — | 14 | 35 | — | 22 | 23 | — | — | 15 | — |
| Guards and watchmen | | 52 059 | 1 076 | 215 | 3 013 | 70 | 569 | 1 693 | 49 | 835 | 12 | 671 | 4 | 189 | — |
| Marshals and constables | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Marshals and constables | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Police and detectives | | 1 162 | 37 | — | 28 | — | — | 30 | — | — | — | 5 | — | — | — |
| Sheriffs and bailiffs | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Service workers, except private household—allocated | | 24 159 | 6 870 | — | 277 | 98 | 117 | 313 | 207 | 140 | 96 | 156 | 23 | 43 | 21 |
| Private household workers | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| | | Manufacturing, durable goods - Con. | | | | | | | | | | | | | | | | | | | | | | |
|---|-------|--|--------|--|--------|------------------|--|---------|--------|---|--------|---------|-----------------------------|--------|--------|-------------------------------------|--------|--------|--|------|--------|--------------------------------------|------|--------|
| | | Stone, clay, and glass products - Con. | | | | Metal industries | | | | | | | | | | | | | | | | | | |
| Pottery and related products | | Male | Female | Miscellaneous nonmetallic mineral and stone products | Male | Female | Blast furnaces, steel works, rolling and finishing mills | Male | Female | Other primary iron and steel industries | Male | Female | Primary aluminum industries | Male | Female | Other primary nonferrous industries | Male | Female | Cutlery, handtools, and other hardware | Male | Female | Fabricated structural metal products | Male | Female |
| Total employed, 16 years old and over. | | 27 046 | 14 458 | 100 420 | 20 892 | 499 648 | 33 759 | 306 310 | 27 910 | 126 000 | 15 732 | 169 066 | 33 426 | 84 061 | 39 412 | 338 833 | 45 362 | | | | | | | |
| Accountants | 2 034 | 753 | 9 011 | 861 | 34 519 | 2 132 | 16 166 | 1 322 | 10 547 | 698 | 14 604 | 1 354 | 6 166 | 658 | 30 087 | 1 579 | | | | | | | | |
| Architects | 119 | 36 | 1 048 | 190 | 4 110 | 343 | 1 958 | 410 | 1 210 | 201 | 1 672 | 242 | 6 807 | 188 | 3 134 | 566 | | | | | | | | |
| Computer specialists | 20 | 10 | 153 | 9 | 1 377 | 136 | 377 | 82 | 462 | 38 | 466 | 55 | 269 | 44 | 641 | 85 | | | | | | | | |
| Computer programmers | 15 | 5 | 76 | 4 | 846 | 125 | 288 | 54 | 263 | 7 | 316 | 33 | 147 | 40 | 451 | 53 | | | | | | | | |
| Computer systems analysts | 5 | 5 | 63 | 5 | 485 | 5 | 72 | 23 | 173 | 20 | 125 | 22 | 101 | 40 | 176 | 6 | | | | | | | | |
| Computer specialists, n.e.c. | 5 | 14 | 14 | 5 | 46 | 6 | 17 | 5 | 26 | 11 | 25 | 5 | 21 | 4 | 14 | 26 | | | | | | | | |
| Engineers | 758 | 4 | 3 193 | 48 | 10 574 | 103 | 5 651 | 61 | 3 993 | 32 | 5 149 | 60 | 2 364 | 44 | 10 166 | 87 | | | | | | | | |
| Aeronautical and astronautical | 119 | 5 | 395 | 5 | 406 | 5 | 126 | 5 | 163 | 5 | 251 | 9 | 26 | 11 | 60 | 5 | | | | | | | | |
| Chemical | 19 | 76 | 76 | 5 | 874 | 17 | 162 | 15 | 177 | 5 | 86 | 5 | 37 | 5 | 119 | 13 | | | | | | | | |
| Civil | 52 | 183 | 183 | 10 | 1 031 | 10 | 308 | 5 | 490 | 5 | 566 | 2 | 54 | 5 | 1 204 | 5 | | | | | | | | |
| Electrical and electronic | 256 | 73 | 929 | 18 | 3 382 | 24 | 1 834 | 27 | 949 | 12 | 1 475 | 24 | 866 | 8 | 1 987 | 4 | | | | | | | | |
| Industrial | 73 | 4 | 436 | 3 | 1 373 | 8 | 789 | 9 | 870 | 9 | 595 | 24 | 1 005 | 36 | 2 208 | 18 | | | | | | | | |
| Mechanical | 52 | 187 | 72 | 4 | 2 350 | 10 | 1 163 | 5 | 874 | 11 | 1 408 | 15 | 32 | 5 | 420 | 3 | | | | | | | | |
| Metallurgical and materials | 52 | 187 | 304 | 18 | 300 | 6 | 636 | 4 | 254 | 5 | 378 | 5 | 94 | 239 | 1 383 | 24 | | | | | | | | |
| Mining | 187 | 5 | 789 | 5 | 801 | 23 | 616 | 4 | 194 | 5 | 369 | 5 | 239 | 5 | 2 006 | 18 | | | | | | | | |
| Petroleum | 52 | 187 | 304 | 18 | 300 | 6 | 636 | 4 | 254 | 5 | 378 | 5 | 94 | 239 | 1 383 | 24 | | | | | | | | |
| Sales | 187 | 5 | 789 | 5 | 801 | 23 | 616 | 4 | 194 | 5 | 369 | 5 | 239 | 5 | 2 006 | 18 | | | | | | | | |
| Engineers, n.e.c. | 52 | 187 | 304 | 18 | 300 | 6 | 636 | 4 | 254 | 5 | 378 | 5 | 94 | 239 | 1 383 | 24 | | | | | | | | |
| Farm management advisors | 11 | 11 | 24 | 24 | 212 | 4 | 52 | 58 | 40 | 40 | 10 | 32 | 29 | 16 | 24 | 23 | | | | | | | | |
| Foresters and conservationists | 11 | 11 | 24 | 24 | 212 | 4 | 52 | 58 | 40 | 40 | 10 | 32 | 29 | 16 | 24 | 23 | | | | | | | | |
| Home management advisors | 11 | 11 | 24 | 24 | 212 | 4 | 52 | 58 | 40 | 40 | 10 | 32 | 29 | 16 | 24 | 23 | | | | | | | | |
| Lawyers and judges | 11 | 11 | 24 | 24 | 212 | 4 | 52 | 58 | 40 | 40 | 10 | 32 | 29 | 16 | 24 | 23 | | | | | | | | |
| Judges | 11 | 11 | 24 | 24 | 212 | 4 | 52 | 58 | 40 | 40 | 10 | 32 | 29 | 16 | 24 | 23 | | | | | | | | |
| Lawyers | 11 | 11 | 24 | 24 | 212 | 4 | 52 | 58 | 40 | 40 | 10 | 32 | 29 | 16 | 24 | 23 | | | | | | | | |
| Librarians, archivists, and curators | 11 | 11 | 24 | 24 | 212 | 4 | 52 | 58 | 40 | 40 | 10 | 32 | 29 | 16 | 24 | 23 | | | | | | | | |
| Librarians | 11 | 11 | 24 | 24 | 212 | 4 | 52 | 58 | 40 | 40 | 10 | 32 | 29 | 16 | 24 | 23 | | | | | | | | |
| Archivists and curators | 11 | 11 | 24 | 24 | 212 | 4 | 52 | 58 | 40 | 40 | 10 | 32 | 29 | 16 | 24 | 23 | | | | | | | | |
| Mathematical specialists | 65 | 29 | 534 | 30 | 3 740 | 91 | 1 216 | 41 | 743 | 30 | 1 374 | 89 | 94 | 10 | 421 | 6 | | | | | | | | |
| Actuaries | 65 | 29 | 534 | 30 | 3 740 | 91 | 1 216 | 41 | 743 | 30 | 1 374 | 89 | 94 | 10 | 421 | 6 | | | | | | | | |
| Mathematicians | 65 | 29 | 534 | 30 | 3 740 | 91 | 1 216 | 41 | 743 | 30 | 1 374 | 89 | 94 | 10 | 421 | 6 | | | | | | | | |
| Statisticians | 65 | 29 | 534 | 30 | 3 740 | 91 | 1 216 | 41 | 743 | 30 | 1 374 | 89 | 94 | 10 | 421 | 6 | | | | | | | | |
| Life and physical scientists | 61 | 29 | 470 | 25 | 3 620 | 91 | 1 180 | 36 | 695 | 30 | 1 253 | 84 | 85 | 5 | 298 | 6 | | | | | | | | |
| Agricultural | 61 | 29 | 470 | 25 | 3 620 | 91 | 1 180 | 36 | 695 | 30 | 1 253 | 84 | 85 | 5 | 298 | 6 | | | | | | | | |
| Atmospheric and space | 61 | 29 | 470 | 25 | 3 620 | 91 | 1 180 | 36 | 695 | 30 | 1 253 | 84 | 85 | 5 | 298 | 6 | | | | | | | | |
| Biological | 61 | 29 | 470 | 25 | 3 620 | 91 | 1 180 | 36 | 695 | 30 | 1 253 | 84 | 85 | 5 | 298 | 6 | | | | | | | | |
| Chemists | 61 | 29 | 470 | 25 | 3 620 | 91 | 1 180 | 36 | 695 | 30 | 1 253 | 84 | 85 | 5 | 298 | 6 | | | | | | | | |
| Biological | 61 | 29 | 470 | 25 | 3 620 | 91 | 1 180 | 36 | 695 | 30 | 1 253 | 84 | 85 | 5 | 298 | 6 | | | | | | | | |
| Chemists | 61 | 29 | 470 | 25 | 3 620 | 91 | 1 180 | 36 | 695 | 30 | 1 253 | 84 | 85 | 5 | 298 | 6 | | | | | | | | |
| Geologists | 61 | 29 | 470 | 25 | 3 620 | 91 | 1 180 | 36 | 695 | 30 | 1 253 | 84 | 85 | 5 | 298 | 6 | | | | | | | | |
| Marine | 61 | 29 | 470 | 25 | 3 620 | 91 | 1 180 | 36 | 695 | 30 | 1 253 | 84 | 85 | 5 | 298 | 6 | | | | | | | | |
| Physicists and astronomers | 4 | 4 | 19 | 19 | 40 | 3 | 5 | 6 | 22 | 5 | 34 | 6 | 4 | 9 | 82 | 6 | | | | | | | | |
| Life and physical, n.e.c. | 4 | 4 | 19 | 19 | 40 | 3 | 5 | 6 | 22 | 5 | 34 | 6 | 4 | 9 | 82 | 6 | | | | | | | | |
| Operations and systems researchers and analysts | 45 | 71 | 211 | 10 | 1 115 | 56 | 518 | 19 | 292 | 20 | 456 | 10 | 234 | 9 | 471 | 85 | | | | | | | | |
| Personnel and labor relations workers | 45 | 71 | 211 | 10 | 1 115 | 56 | 518 | 19 | 292 | 20 | 456 | 10 | 234 | 9 | 471 | 85 | | | | | | | | |
| Physicians, dentists, and related practitioners | 45 | 71 | 211 | 10 | 1 115 | 56 | 518 | 19 | 292 | 20 | 456 | 10 | 234 | 9 | 471 | 85 | | | | | | | | |
| Chiropractors | 45 | 71 | 211 | 10 | 1 115 | 56 | 518 | 19 | 292 | 20 | 456 | 10 | 234 | 9 | 471 | 85 | | | | | | | | |
| Dentists | 45 | 71 | 211 | 10 | 1 115 | 56 | 518 | 19 | 292 | 20 | 456 | 10 | 234 | 9 | 471 | 85 | | | | | | | | |
| Optometrists | 45 | 71 | 211 | 10 | 1 115 | 56 | 518 | 19 | 292 | 20 | 456 | 10 | 234 | 9 | 471 | 85 | | | | | | | | |
| Pharmacists | 45 | 71 | 211 | 10 | 1 115 | 56 | 518 | 19 | 292 | 20 | 456 | 10 | 234 | 9 | 471 | 85 | | | | | | | | |
| Physicians, medical and osteopathic | 45 | 71 | 211 | 10 | 1 115 | 56 | 518 | 19 | 292 | 20 | 456 | 10 | 234 | 9 | 471 | 85 | | | | | | | | |
| Podiatrists | 45 | 71 | 211 | 10 | 1 115 | 56 | 518 | 19 | 292 | 20 | 456 | 10 | 234 | 9 | 471 | 85 | | | | | | | | |
| Veterinarians | 45 | 71 | 211 | 10 | 1 115 | 56 | 518 | 19 | 292 | 20 | 456 | 10 | 234 | 9 | 471 | 85 | | | | | | | | |
| Health practitioners, n.e.c. | 45 | 71 | 211 | 10 | 1 115 | 56 | 518 | 19 | 292 | 20 | 456 | 10 | 234 | 9 | 471 | 85 | | | | | | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| | | Manufacturing, durable goods - Con. | | | | | | | | | | | | | |
|---|--------|--|--------|--|--------|---|--------|-----------------------------|--------|-------------------------------------|--------|--|--------|--------------------------------------|--------|
| | | Stone, clay, and glass products - Con. | | | | Metal industries | | | | | | | | | |
| Pottery and related products | | Miscellaneous nonmetallic mineral and stone products | | Blast furnaces, steel works, rolling and finishing mills | | Other primary iron and steel industries | | Primary aluminum industries | | Other primary nonferrous industries | | Cutlery, handtools, and other hardware | | Fabricated structural metal products | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| | 28 | | 81 | 18 | 816 | 11 | 348 | 10 | 124 | 9 | 278 | | 99 | 10 | 147 |
| Registered nurses | | | 3 | | | | | | | | | | 5 | | |
| Dietitians | 28 | | 78 | 18 | 816 | 11 | 343 | 10 | 124 | 9 | 278 | | 94 | 10 | 147 |
| Registered nurses | | | | | | | 5 | | | | | | | | |
| Therapists | | 16 | | 32 | 17 | 4 | 8 | | 5 | 9 | 5 | 8 | | 13 | 4 |
| Health technologists and technicians | | 5 | | 6 | 9 | | 3 | | 4 | 4 | 5 | | | | 4 |
| Clinical laboratory technologists and technicians | | | | | | | | | | | | | | | |
| Dental hygienists | | | | | | | | | | | | | | | |
| Health record technologists and technicians | | | | | | | | | | | | | | | |
| Radiologic technologists and technicians | | | | | | | | | | | | | | | |
| Radiologic assistants | | | | | | | | | | | | | | | |
| Therapy assistants | | | | | | | | | | | | | | | |
| Health technologists and technicians, n.e.c. | | 11 | | 21 | | | | | | | | 4 | | | |
| Religious workers | | | | | | | | | | | | | | | |
| Clergymen | | | | 22 | | 11 | | | | | | | | | |
| Religious workers, n.e.c. | | | | 17 | | 11 | | | | | | | | | |
| Social scientists | 30 | | 20 | 5 | | | | | | | | | | 207 | 6 |
| Economists | 30 | | 20 | 532 | 15 | 108 | 13 | 121 | 141 | 145 | 6 | 141 | | 202 | 6 |
| Political scientists | | 142 | | 525 | 15 | 108 | | 121 | 141 | 140 | | 141 | | | |
| Psychologists | | | | | | | | | | | | | | | |
| Sociologists | | | | | | | | | | | | | | | |
| Urban and regional planners | | | | | | | | | | | | | | | |
| Social scientists, n.e.c. | | | | 7 | | | | | | 5 | | | | | |
| Social and recreation workers | 6 | | | 4 | | | | | | | | | | | |
| Recreation | 6 | | | 4 | | | | | | | | | | | |
| Teachers, college and university | | | | 4 | | 9 | | | | | | | | | |
| Adult education teachers | | | | 4 | | 5 | | | | | | | | | |
| Elementary and secondary school teachers | | | | 57 | | 24 | | 4 | 7 | 14 | | 4 | | 89 | |
| Prekindergarten and kindergarten teachers | | | | | | | | | | | | | | | |
| Teachers, except college and university, n.e.c. | | | | | | | | | | | | | | | |
| Engineering and science technicians | 562 | | 219 | 8 766 | 320 | 4 272 | 197 | 2 413 | 118 | 3 632 | 331 | 1 283 | 46 | 12 027 | 382 |
| Agriculture and biological, except health | | 6 | 6 | 7 | | 7 | | | | | | | | 5 | 8 |
| Chemical | | 132 | 12 | 304 | 29 | 87 | 5 | 55 | 8 | 136 | 18 | 10 | | 45 | |
| Draftsmen | 193 | 16 | 17 | 2 674 | 88 | 1 826 | 49 | 991 | 8 034 | 832 | 44 | 850 | 5 | 10 034 | 255 |
| Electrical and electronic engineering | 33 | 9 | 4 | 389 | 5 | 133 | 4 | 84 | 14 | 183 | 14 | 112 | 4 | 207 | 9 |
| Industrial engineering | 47 | 7 | 10 | 507 | 21 | 339 | 13 | 170 | 6 | 239 | 11 | 170 | 4 | 202 | 8 |
| Mechanical engineering | 17 | | 42 | 1 017 | 46 | 227 | 8 | 35 | 6 | 52 | 15 | 4 | 6 | 97 | 5 |
| Mathematical | | | | | | | | | | | | | | | |
| Surveyors | | | | 84 | | 18 | | 14 | | 21 | | | | 18 | |
| Engineering and science, n.e.c. | 266 | 62 | 170 | 3 784 | 131 | 1 635 | 118 | 1 064 | 104 | 2 169 | 229 | 264 | 27 | 1 419 | 97 |
| Technicians, except health, and engineering and science | 9 | 10 | 45 | 198 | 17 | 79 | 4 | 59 | | 113 | 10 | 34 | 7 | 169 | |
| Airplane pilots | | | 5 | 98 | | 18 | | 16 | | 14 | 5 | 3 | | 63 | |
| Air traffic controllers | | | | | | | | | | | | | | | |
| Embalmers | | | | | | | | | | | | | | | |
| Flight engineers | | | | | | | | | | | | | | | |
| Radio operators | | | | | | | | | | | | | | | |
| Tool programmers, numerical control | | | | | | | | | | | | | | | |
| Technicians, n.e.c. | | | | | | | | | | | | | | | |
| Vocational and educational counselors | 9 | 10 | 24 | 32 | 5 | 39 | | 21 | | 90 | 5 | 9 | 7 | 46 | 8 |
| | | | | 4 | | | | 22 | | 52 | 5 | 22 | | 52 | 5 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| | Manufacturing, durable goods—Con. | | | | | | | | | | | | | | | |
|--|--------------------------------------|------|--|------|--|------|---|------|-----------------------------|------|-------------------------------------|------|--|------|--------------------------------------|-------|
| | Stone, clay, and glass products—Con. | | | | Metal industries | | | | | | | | | | | |
| | Pottery and related products | | Miscellaneous nonmetallic mineral and stone products | | Blast furnaces, steel works, rolling and finishing mills | | Other primary iron and steel industries | | Primary aluminum industries | | Other primary nonferrous industries | | Cutlery, handtools, and other hardware | | Fabricated structural metal products | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| United States | | | | | | | | | | | | | | | | |
| Professional, technical, and kindred workers—Continued | | | | | | | | | | | | | | | | |
| Writers, artists, and entertainers | 300 | 460 | 557 | 157 | 647 | 16 | 401 | 36 | 284 | 43 | 241 | 74 | 359 | 35 | 854 | 57 |
| Actors | 6 | — | 18 | — | 6 | — | 9 | — | 5 | — | 4 | — | 12 | — | 15 | — |
| Athletes and kindred workers | — | — | — | — | 12 | — | 10 | — | — | — | 4 | — | — | — | 49 | — |
| Authors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Dancers | 166 | 228 | 203 | 15 | 180 | 5 | 179 | 5 | 136 | 13 | 148 | 5 | 209 | 5 | 507 | 13 |
| Designers | 5 | 5 | 20 | 4 | 52 | 5 | 25 | 5 | 9 | 5 | 5 | 4 | 29 | 6 | 28 | 6 |
| Editors and reporters | — | — | — | — | 3 | — | 5 | — | — | — | — | — | — | — | — | — |
| Musicians and composers | 5 | — | 5 | — | 3 | — | 14 | — | — | — | 28 | — | 31 | — | 93 | — |
| Painters and sculptors | 102 | 203 | 231 | 126 | 35 | 5 | 45 | — | 29 | — | 12 | — | 13 | — | 19 | — |
| Photographers | 10 | 8 | 11 | — | 71 | — | 45 | — | 5 | — | 20 | — | 56 | — | 126 | — |
| Public relations men and publicity writers | — | — | 52 | 5 | 218 | 6 | 74 | 26 | 67 | 15 | 20 | 12 | — | 10 | — | 24 |
| Radio and television announcers | — | — | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Writers, artists, and entertainers, n.e.c. | 17 | 5 | 13 | — | 68 | — | 40 | — | 33 | — | 20 | — | 9 | — | 17 | — |
| Research workers, not specified | 19 | 6 | 138 | 21 | 325 | — | 73 | — | 134 | 9 | 205 | — | 50 | 5 | 127 | 4 |
| Professional, technical, and kindred workers—allocated | 19 | 10 | 182 | 10 | 566 | 48 | 237 | 32 | 90 | 16 | 234 | 43 | 81 | 22 | 392 | 57 |
| Managers and administrators, except farm | 1 352 | 123 | 7 115 | 384 | 10 188 | 354 | 11 413 | 425 | 5 485 | 244 | 8 624 | 353 | 6 149 | 376 | 24 954 | 1 239 |
| Assessors, controllers, and treasurers; local public administration | 19 | — | 106 | — | 161 | 4 | 218 | 5 | 97 | — | 214 | — | 128 | 10 | 353 | 20 |
| Bank officers and financial managers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Buyers and shippers; farm products | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Buyers, wholesale and retail trade | 15 | — | 65 | 7 | 187 | 16 | 105 | 10 | 73 | 5 | 70 | 16 | 72 | 24 | 228 | 49 |
| Credit men | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Federal directors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health administrators | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Construction inspectors; public administration | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Inspectors, except construction; public administration | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Managers and superintendents, building | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Office managers, n.e.c. | 45 | 25 | 368 | 137 | 407 | 58 | 485 | 127 | 135 | 49 | 248 | 94 | 163 | 92 | 787 | 404 |
| Officers, pilots, and pursers; ship | — | — | 24 | — | 31 | — | 27 | — | 10 | — | — | — | — | — | — | — |
| Officials and administrators; public administration, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Officials of lodges, societies, and unions | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Postmasters and mail superintendents | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Purchasing agents and buyers, n.e.c. | 109 | 24 | 448 | 38 | 1 112 | 90 | 992 | 54 | 482 | 42 | 834 | 83 | 563 | 66 | 2 389 | 291 |
| Railroad conductors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Restaurant, cafeteria, and bar managers | — | — | — | — | 14 | 17 | 14 | 8 | — | 5 | 13 | — | — | — | 11 | 9 |
| Sales managers and department heads, retail trade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sales managers, except retail trade | 152 | — | 878 | 29 | 1 211 | 18 | 1 074 | 19 | 562 | 23 | 850 | 8 | 898 | 17 | 2 390 | 15 |
| School administrators, college | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| School administrators, elementary and secondary | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Managers and administrators, n.e.c., (excl. office managers, n.e.c.) | 1 000 | 74 | 5 080 | 165 | 6 634 | 121 | 8 267 | 191 | 4 013 | 112 | 6 197 | 129 | 4 252 | 156 | 18 449 | 433 |
| Managers and administrators, n.e.c., (excl. office managers, n.e.c.) | 880 | 31 | 4 556 | 78 | 6 480 | 116 | 7 943 | 182 | 3 807 | 109 | 5 961 | 124 | 3 964 | 144 | 16 369 | 386 |
| Salaries | 120 | 43 | 524 | 87 | 154 | 5 | 324 | 9 | 206 | 3 | 236 | 5 | 288 | 12 | 2 080 | 47 |
| Self-employed | 12 | — | 146 | 8 | 426 | 30 | 222 | 11 | 107 | 8 | 193 | 18 | 73 | 11 | 338 | 18 |
| Managers and administrators, except farm—allocated | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sales workers | 549 | 199 | 3 282 | 203 | 3 997 | 139 | 3 532 | 83 | 1 963 | 74 | 2 750 | 145 | 3 271 | 133 | 8 079 | 305 |
| Advertising agents and salesmen | — | — | — | — | 13 | — | 16 | — | — | — | 16 | — | 13 | — | 20 | — |
| Auctioneers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Demonstrators | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Hucksters and peddlers | — | — | 4 | — | — | — | — | — | — | — | — | — | 11 | — | 4 | — |
| Insurance agents, brokers, and underwriters | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Newsboys | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Real estate agents and brokers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Stack and bond salesmen | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Salesmen and sales clerks, n.e.c. | 521 | 187 | 3 178 | 181 | 3 691 | 107 | 3 340 | 72 | 1 833 | 66 | 2 634 | 117 | 3 157 | 96 | 7 826 | 272 |
| Sales workers—allocated | 28 | 12 | 100 | 16 | 293 | 32 | 177 | 11 | 130 | 5 | 100 | 23 | 90 | 37 | 229 | 33 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| | Manufacturing, durable goods—Con. | | | | | | | | | | | | | | | |
|---|--------------------------------------|-------|--|-------|--|--------|---|--------|-----------------------------|-------|-------------------------------------|--------|--|--------|--|--------|
| | Stone, clay, and glass products—Con. | | | | Metal industries | | | | | | | | | | | |
| | Pottery and related products | | Miscellaneous nonmetallic mineral and stone products | | Blast furnaces, steel works, rolling and finishing mills | | Other primary iron and steel industries | | Primary aluminum industries | | Other primary nonferrous industries | | Cutlery, handtools, and other hardware | | Fabricated metal structural metal products | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Clerical and kindred workers | | | | | | | | | | | | | | | | |
| Bank tellers | 1 372 | 2 450 | 5 833 | 8 803 | 38 206 | 22 610 | 15 720 | 14 411 | 6 370 | 7 771 | 9 659 | 12 938 | 5 896 | 11 088 | 19 031 | 24 666 |
| Billing clerks | 5 | 20 | 51 | 193 | 497 | 539 | 131 | 415 | 53 | 96 | 60 | 286 | 61 | 240 | 147 | 425 |
| Bookkeepers | 67 | 254 | 377 | 1 217 | 2 872 | 1 544 | 1 137 | 829 | 372 | 912 | 761 | 1 499 | 285 | 1 373 | 1 551 | 4 647 |
| Cashiers | 17 | 30 | 10 | 23 | 98 | 65 | 39 | 58 | 8 | 26 | 16 | 30 | 4 | 16 | 10 | 16 |
| Clerical assistants, social welfare | 9 | | 58 | 16 | 463 | 54 | 26 | 54 | 54 | 23 | 120 | 14 | 32 | 29 | 203 | 63 |
| Clerical supervisors, n.e.c. | | | | | 6 | | | | 6 | 3 | 103 | 74 | 183 | 117 | 111 | |
| Collectors, bill and account | 26 | 25 | 114 | 121 | 706 | 268 | 256 | 109 | 76 | 55 | 14 | | 12 | 5 | 93 | |
| Counter clerks, except food | 18 | | 10 | | 248 | 8 | 74 | 5 | | 5 | | | | | | |
| Dispatchers and starters, vehicle | | | | | | | | | | | | | | | | |
| Enumerators and interviewers | 20 | 20 | 246 | 33 | 18 | 11 | 14 | 46 | 191 | 42 | 195 | 24 | 121 | 39 | 2 796 | 97 |
| Estimators and inspectors, n.e.c. | 107 | 55 | 749 | 128 | 841 | 465 | 540 | 214 | 964 | 93 | 1 149 | 187 | 755 | 248 | 2 341 | 218 |
| Expeditors and production controllers | 10 | 76 | 92 | 196 | 6 486 | 680 | 2 229 | 348 | 132 | 153 | 141 | 401 | 62 | 479 | 2 278 | 539 |
| File clerks | | | | | 33 | 4 | 11 | | | 9 | 9 | 5 | | 6 | 5 | 5 |
| Insurance adjusters, examiners, and investigators | | | | | 12 | 28 | | | | | | | | | | |
| Library attendants and assistants | | | | | 486 | 211 | 168 | 96 | 121 | 39 | 92 | 50 | 53 | 133 | 132 | 93 |
| Mail carriers, post office | 11 | 26 | 31 | 4 | 93 | 32 | 23 | 23 | | 4 | 47 | | 26 | 60 | 10 | 10 |
| Mail handlers, except post office | | | | | | | | | | | | | | | | |
| Messengers, including telegraph, and office boys | | | | | | | | | | | | | | | | |
| Meter readers, utilities | | | | | | | | | | | | | | | | |
| Office machine operators | 57 | 117 | 192 | 446 | 1 399 | 2 717 | 383 | 1 071 | 271 | 552 | 382 | 1 073 | 192 | 907 | 491 | 1 458 |
| Bookkeeping and billing machine | | 9 | | 35 | 71 | 100 | 13 | 98 | | 6 | 10 | 89 | | 96 | 48 | 165 |
| Calculating machine | | 11 | | 25 | 46 | 155 | 5 | 80 | 15 | 14 | 5 | 54 | 5 | 64 | 12 | 105 |
| Computer and peripheral equipment | 42 | 4 | 132 | 26 | 738 | 160 | 227 | 113 | 175 | 35 | 214 | 100 | 105 | 55 | 292 | 109 |
| Duplicating machine | 15 | 76 | 43 | 274 | 78 | 180 | 26 | 21 | 62 | 17 | 110 | 25 | 11 | 27 | 30 | 36 |
| Keypunch | | 4 | | 7 | 358 | 2 026 | 92 | 712 | 62 | 456 | 110 | 755 | 65 | 606 | 105 | 979 |
| Tabulating machine | | 4 | | 4 | 63 | 24 | 15 | 7 | 5 | 10 | 14 | 36 | 6 | 42 | 9 | 18 |
| Office machine, n.e.c. | | 13 | | 12 | 45 | 72 | 3 | 40 | 10 | 16 | 16 | 36 | 6 | 46 | 5 | 46 |
| Payroll and timekeeping clerks | 24 | 172 | 175 | 264 | 1 795 | 674 | 1 148 | 773 | 245 | 303 | 343 | 526 | 313 | 679 | 513 | 885 |
| Postal clerks | | | | | | | | | | | | | | | | |
| Proofreaders | | | | | | | | | | | | | | | | |
| Real estate appraisers | | | | | | | | | | | | | | | | |
| Receptionists | 32 | 84 | 67 | 3 118 | 259 | 7 192 | 184 | 4 903 | 103 | 3 441 | 108 | 4 998 | 91 | 3 103 | 328 | 9 720 |
| Secretaries | | 797 | | 5 | 5 | 59 | | 15 | | | | 16 | | 11 | 4 | 15 |
| Legal | | | | | | | | | | | | | | | | |
| Medical | | | | | | | | | | | | | | | | |
| Shipping and receiving clerks | 436 | 96 | 1 442 | 192 | 4 797 | 271 | 3 701 | 168 | 1 418 | 81 | 2 657 | 195 | 2 037 | 507 | 4 245 | 324 |
| Statistical clerks | 53 | 60 | 116 | 124 | 3 840 | 846 | 521 | 220 | 168 | 114 | 331 | 199 | 146 | 197 | 470 | 209 |
| Stenographers | | 15 | | 3 | 23 | 752 | 6 | 315 | 3 | 166 | 182 | 182 | | 114 | 5 | 304 |
| Stock clerks and storekeepers | 320 | 61 | 817 | 115 | 3 367 | 217 | 2 144 | 164 | 841 | 44 | 1 258 | 188 | 908 | 204 | 2 072 | 304 |
| Teacher aides, except school monitors | | | | | | | | | | | | | | | | |
| Teacher operators | | | | | 15 | 6 | 7 | | | | 5 | | 5 | | | |
| Telephone operators | 6 | 56 | 17 | 132 | 49 | 374 | 38 | 291 | 49 | 156 | 42 | 233 | | 141 | 13 | 385 |
| Ticker, station, and express agents | 8 | 219 | 68 | 1 139 | 1 163 | 3 355 | 237 | 1 589 | 98 | 752 | 133 | 1 475 | 23 | 1 250 | 174 | 2 200 |
| Typists | 34 | 19 | 263 | 55 | 2 246 | 1 668 | 603 | 172 | 430 | 44 | 588 | 44 | 182 | 15 | 184 | 22 |
| Weighers | 22 | 20 | 365 | 127 | 2 136 | 511 | 1 124 | 1 055 | 361 | 380 | 360 | 153 | 82 | 140 | 386 | 343 |
| Miscellaneous clerical workers | 70 | 201 | 405 | 712 | 2 912 | 1 215 | 1 224 | 1 099 | 107 | 30 | 599 | 745 | 241 | 722 | 1 436 | 1 436 |
| Not specified clerical workers | 20 | 47 | 153 | 85 | 447 | 96 | 213 | 109 | 107 | 30 | 127 | 123 | 84 | 115 | 314 | 1 150 |
| Clerical and kindred workers—allocated | | | | | | | | | | | | | | | | |
| Craftsmen and kindred workers | | | | | | | | | | | | | | | | |
| Automobile accessories installers | 4 855 | 389 | 24 920 | 941 | 179 483 | 2 051 | 99 256 | 2 035 | 37 203 | 892 | 44 700 | 1 715 | 23 608 | 1 698 | 100 834 | 1 951 |
| Bakers | 9 | | 17 | | 25 | | 438 | 17 | 5 | | 2 | | | | 37 | 3 |
| Blacksmiths | | | 35 | | 495 | 11 | 327 | | 72 | | 98 | | 33 | 147 | 147 | 59 |
| Boilermakers | | | 32 | | 1 740 | | 327 | | 21 | | 173 | | 31 | 5 130 | 5 | |
| Bookbinders | | | | | 12 | | | | | | | | | | | |
| Brickmasons and stonemasons | 84 | 15 | 395 | 4 | 5 519 | 24 | 1 448 | 13 | 405 | | 349 | | 23 | | 340 | 12 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| | Manufacturing, durable goods—Cont. | | | | | | | | | | | | | | | |
|---|---------------------------------------|------|--|------|--|------|---|--------|-----------------------------|-------|-------------------------------------|--------|--|-------|--------------------------------------|--------|
| | Stone, clay, and glass products—Cont. | | | | Metal industries | | | | | | | | | | | |
| | Pottery and related products | | Miscellaneous nonmetallic mineral and stone products | | Blast furnaces, steel works, rolling and finishing mills | | Other primary iron and steel industries | | Primary aluminum industries | | Other primary nonferrous industries | | Cutlery, handtools, and other hardware | | Fabricated structural metal products | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| United States | | | | | | | | | | | | | | | | |
| Craftsmen and kindred workers—Continued | | | | | | | | | | | | | | | | |
| Bulldozer operators | — | — | 245 | 5 | 2 835 | 76 | 7 | 542 | 7 | 87 | — | 257 | — | 5 | 6 | 170 |
| Cabinetmakers | 10 | — | 38 | 8 | 4 | — | 28 | — | 4 | — | — | 5 | — | 135 | 7 | 115 |
| Carpenters | 114 | — | 469 | 5 | 2 561 | 12 | 9 | 980 | 6 | 650 | 6 | 675 | 6 | 267 | — | 1 964 |
| Carpet installers | — | — | — | — | 27 | — | 5 | — | — | — | — | 6 | — | — | — | 12 |
| Cement and concrete finishers | — | — | 25 | — | 72 | — | — | — | — | 27 | — | — | — | — | — | — |
| Compositors and typesetters | 15 | 8 | 65 | — | 346 | 17 | 14 | 98 | 9 | 49 | 27 | 55 | 27 | 60 | 34 | 115 |
| Cranemen, derrickmen, and hoistmen | 40 | 3 | 1 411 | 14 | 31 069 | 300 | 127 | 9 385 | 127 | 2 814 | 98 | 2 562 | 63 | 194 | 8 | 6 310 |
| Decorators and window dressers | — | — | 17 | — | 28 | — | 7 | 22 | — | — | — | — | — | — | 8 | 17 |
| Dental laboratory technicians | — | — | — | — | 5 | — | — | — | — | — | — | — | — | — | — | — |
| Electricians | 190 | 11 | 999 | 4 | 11 989 | 97 | 17 | 3 683 | 17 | 2 541 | 30 | 3 189 | 53 | 521 | 5 | 2 066 |
| Electric power linemen and cablemen | — | — | — | — | 136 | — | 4 | 17 | — | 5 | — | 45 | 5 | 6 | 6 | 4 |
| Electrotypers and stereotypers | — | 6 | 5 | — | 81 | 5 | — | 26 | — | 4 | — | — | — | 5 | 4 | 4 |
| Engravers, except photoengravers | 11 | — | 6 | — | 12 | — | — | 4 | — | 14 | — | — | — | 5 | 5 | 10 |
| Excavating, grading, and road machine operators, except bulldozer | 13 | — | 413 | 4 | 640 | — | 6 | 374 | 4 | 70 | 4 | 317 | 5 | 30 | 5 | 122 |
| Floor layers, except tile setters | — | — | 10 | — | 27 | — | 17 | — | — | 5 | — | 17 | — | — | — | 21 |
| Foremen, n.e.c. | 1 866 | 159 | 7 337 | 291 | 33 540 | 395 | 306 | 20 597 | 306 | 9 809 | 151 | 12 549 | 283 | 5 411 | 339 | 21 938 |
| Forgemen and hammermen | — | — | 16 | — | 1 134 | — | 27 | 2 765 | 13 | 244 | — | 357 | 20 | 928 | 57 | 242 |
| Furniture and wood finishers | — | — | — | — | 23 | — | 5 | — | — | — | — | — | — | 6 | 3 | 9 |
| Furriers | — | — | — | — | 5 | — | — | — | — | — | — | 3 | — | — | — | — |
| Glaziers | 6 | 5 | 9 | — | 10 | 6 | 19 | — | — | 22 | 4 | 8 | — | 11 | 12 | 281 |
| Hair treaters, annealers, and temperers | 6 | 11 | 48 | — | 2 575 | 29 | 3 034 | 3 | 70 | 457 | 10 | 798 | 5 | 675 | 32 | 288 |
| Inspectors, scalers, and graders, log and lumber | — | — | — | — | — | — | — | — | — | 11 | — | — | — | — | — | — |
| Inspectors, n.e.c. | 8 | 14 | 129 | 6 | 7 229 | — | 1 909 | — | 124 | 473 | 109 | 231 | 66 | 96 | 5 | 650 |
| Jewelers and watchmakers | — | — | 25 | — | 18 | — | 10 | — | 9 | — | — | 20 | 14 | — | — | 7 |
| Job and die setters, metal | 44 | 8 | 156 | 15 | 1 255 | 13 | 1 639 | 49 | 49 | 1 005 | 20 | 1 654 | 29 | 2 628 | 64 | 1 800 |
| Locomotive engineers | — | — | 23 | — | 1 572 | 22 | 185 | — | — | 7 | — | 60 | 6 | — | — | 60 |
| Locomotive firemen | — | — | — | — | 86 | — | 11 | — | — | 4 | — | 16 | — | — | — | — |
| Machinists | 759 | 30 | 1 835 | 58 | 7 871 | 86 | 6 009 | 104 | 104 | 2 549 | 88 | 3 877 | 136 | 3 007 | 212 | 5 527 |
| Mechanics and repairmen | 1 028 | 54 | 4 398 | 78 | 21 285 | 192 | 9 733 | 114 | 114 | 5 811 | 114 | 6 034 | 134 | 2 396 | 306 | 7 310 |
| Air conditioning, heating, and refrigeration | 14 | — | 79 | — | 359 | — | 71 | 5 | 4 | 157 | 4 | 163 | — | 23 | — | 438 |
| Aircraft | — | — | 17 | 8 | 62 | — | 34 | — | — | 21 | 4 | 20 | — | 20 | — | 56 |
| Automobile body repairmen | — | — | — | — | 4 | — | 3 | — | — | — | — | 10 | — | — | — | — |
| Automobile mechanics | 37 | 5 | 269 | 6 | 900 | 11 | 515 | — | — | 277 | — | 241 | 9 | 53 | 9 | 401 |
| Data processing machine repairmen | — | — | — | — | 66 | — | 19 | — | — | 5 | — | 5 | — | — | — | 11 |
| Farm implement | — | — | 18 | — | 36 | — | 9 | — | — | 31 | — | 14 | — | — | — | 27 |
| Heavy equipment mechanics, including diesel | 840 | 33 | 3 395 | 50 | 13 501 | 115 | 7 637 | 83 | 83 | 3 957 | 64 | 4 461 | 81 | 1 604 | 30 | 4 331 |
| Household appliance and accessory installers and mechanics | 12 | — | 17 | — | 115 | 7 | 14 | 5 | — | 94 | 7 | 73 | — | — | — | 648 |
| Loom fixers | — | — | 37 | — | — | — | — | — | — | — | — | 6 | — | — | — | — |
| Office machine | — | — | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Radio and television | — | — | 29 | 5 | 580 | 8 | 89 | — | 3 | 34 | — | 23 | — | 11 | 5 | 5 |
| Railroad and car shop | — | — | 6 | — | 739 | — | 87 | — | — | — | — | 29 | — | — | — | 39 |
| Miscellaneous mechanics and repairmen | 71 | — | 252 | 5 | 3 644 | 35 | 680 | 7 | 16 | 782 | 21 | 515 | 27 | 502 | 257 | 476 |
| Not specified mechanics and repairmen | 54 | 11 | 274 | 9 | 1 279 | 16 | 570 | 16 | 14 | 453 | 14 | 474 | 17 | 183 | 5 | 815 |
| Millers; grain, flour, and feed | — | — | — | — | 20 | — | 9 | — | — | — | — | — | — | — | — | — |
| Millwrights | 111 | 3 | 700 | — | 12 076 | 128 | 3 260 | 40 | 40 | 1 321 | 21 | 956 | — | 5 | — | 13 |
| Molders, metal | — | — | — | — | 2 220 | 19 | 19 043 | 567 | 567 | 2 731 | 57 | 2 614 | — | 326 | 116 | 922 |
| Motion picture projectionists | — | — | — | — | 15 | — | 6 | — | — | — | — | 4 | — | — | — | 1 182 |
| Opticians, and lens grinders and polishers | 5 | — | 11 | — | 22 | — | 24 | 3 | — | — | — | — | — | 5 | — | — |
| Pointers, construction and maintenance | 18 | 24 | 153 | 53 | 616 | 18 | 375 | 17 | 17 | 184 | 16 | 155 | 13 | 183 | 75 | 1 556 |
| Paperhangers | — | — | — | — | 17 | — | 5 | — | — | — | — | — | — | — | — | 5 |
| Pattern and model makers, except paper | — | — | — | — | 400 | 7 | — | — | — | 329 | 7 | 252 | 8 | 151 | — | 852 |
| Photoengravers and lithographers | 42 | — | 107 | — | — | — | 2 327 | 9 | 107 | — | — | 11 | — | 10 | — | 9 |
| Piano and organ tuners and repairmen | — | — | — | — | — | — | — | — | — | — | — | — | — | 6 | — | — |
| Plasterers | — | 7 | 23 | — | 8 | — | — | — | — | — | — | 7 | — | — | — | 4 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| | Stone, clay, and glass products—Con. | | | | | | Metal industries | | | | | | Manufacturing, durable goods—Con. | | | | | |
|--|--------------------------------------|--------|--|--------|--|--------|---|--------|-----------------------------|--------|-------------------------------------|--------|--|--------|--------------------------------------|--------|--|--|
| | Pottery and related products | | Miscellaneous nonmetallic mineral and stone products | | Blast furnaces, steel works, rolling and finishing mills | | Other primary iron and steel industries | | Primary aluminum industries | | Other primary nonferrous industries | | Cutlery, handtools, and other hardware | | Fabricated structural metal products | | | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | | |
| Craftsmen and kindred workers—Continued | | | | | | | | | | | | | | | | | | |
| Plumbers and pipe fitters | 62 | 5 | 431 | 80 | 5 930 | 80 | 1 564 | 47 | 987 | 21 | 1 207 | 9 | 211 | — | 1 816 | 23 | | |
| Power station operators | 5 | — | 14 | — | 441 | — | 107 | — | 43 | — | 57 | — | 5 | — | 63 | — | | |
| Pressmen and plate printers | 20 | 10 | 59 | 24 | 158 | 19 | 80 | 41 | 38 | 5 | 44 | 22 | 16 | 16 | 124 | 24 | | |
| Rollers and finishers, printing | 3 | 11 | 67 | 75 | 10 439 | 75 | 2 262 | 129 | 694 | 10 | 840 | 23 | 465 | 111 | 1 126 | 108 | | |
| Roofers and slaters | 12 | — | 216 | 5 | 1 025 | 15 | 465 | — | 5 | 3 | 648 | 8 | 136 | — | 21 422 | 304 | | |
| Sheetmetal workers and tinsmiths | — | — | — | — | 38 | — | 5 | — | 278 | 18 | — | — | — | — | 76 | — | | |
| Shipfitters | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 95 | — | | |
| Shoefitters | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Shoepairers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Sign painters and letterers | — | — | 17 | — | 22 | — | 10 | — | 6 | — | — | — | 7 | — | 15 | — | | |
| Stationary engineers | 54 | 5 | 358 | 16 | 3 578 | 46 | 682 | 5 | 389 | — | 739 | 3 | 165 | 20 | 610 | 16 | | |
| Stone cutters and stone carvers | 4 | — | 3 256 | 312 | 22 | — | 6 | — | — | — | — | — | — | — | — | — | | |
| Structural metal craftsmen | — | — | 67 | — | 1 594 | 11 | 911 | 4 | 77 | — | — | — | 79 | 21 | 12 020 | 144 | | |
| Tailors | 6 | — | 16 | — | 4 | — | 34 | — | 3 | — | — | — | — | — | 22 | — | | |
| Telephone installers and repairmen | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 62 | — | | |
| Telephone linemen and splicers | 6 | — | 16 | — | 6 | — | — | — | — | — | — | — | — | — | — | — | | |
| Tile setters | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Tool and die makers | 6 | — | 50 | — | 10 | — | 20 | — | — | — | — | — | — | — | — | — | | |
| Upholsterers | 195 | — | 601 | 17 | 1 906 | 41 | 3 178 | 39 | 2 388 | 66 | 2 629 | 154 | 4 674 | 190 | 10 | 9 | | |
| Craftsmen and kindred workers, n.e.c. | 10 | — | 206 | 5 | 2 996 | 24 | 534 | 6 | 144 | — | 423 | 7 | 98 | 9 | 158 | 14 | | |
| Craftsmen and kindred workers—allocated | 96 | — | 379 | — | 1 588 | 6 | 978 | — | 421 | 5 | 562 | — | 222 | 14 | 1 041 | 18 | | |
| Operatives, except transport | 12 318 | 9 649 | 35 792 | 8 819 | 143 147 | 3 728 | 114 446 | 8 045 | 48 499 | 5 262 | 68 481 | 15 839 | 32 085 | 23 976 | 126 480 | 14 172 | | |
| Asbestos and insulation workers | — | — | 248 | 9 | 98 | — | 19 | 11 | 13 | — | 10 | — | — | — | 46 | — | | |
| Blasters | 426 | 495 | 1 003 | 629 | 1 769 | 190 | 3 128 | 902 | 1 315 | 665 | 1 402 | 2 411 | 3 075 | 6 618 | 11 501 | 4 665 | | |
| Boring and coning operatives | 13 | 4 | 14 | 5 | 41 | — | 27 | — | 5 | — | — | — | — | — | — | — | | |
| Chainmen, rodmen, and oxmen: surveying | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Checkers, examiners, and inspectors: manufacturing | 972 | 1 311 | 2 642 | 1 176 | 9 226 | 438 | 8 606 | 1 291 | 3 525 | 803 | 5 252 | 2 442 | 1 825 | 2 221 | 4 867 | 659 | | |
| Clothing ironers and pressers | — | — | 15 | 6 | 13 | — | 4 | — | 6 | — | 15 | — | — | — | — | — | | |
| Cutting operatives, n.e.c. | 66 | 164 | 712 | 341 | 7 743 | 94 | 3 802 | 115 | 1 024 | 127 | 1 565 | 360 | 651 | 147 | 5 282 | 235 | | |
| Dressmakers and seamstresses, except factory | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Drillers, earth | 4 | 4 | 151 | 38 | 114 | 4 | 162 | 17 | 63 | 17 | 101 | 41 | 122 | 119 | 334 | 99 | | |
| Dry wall installers and lathers | — | — | — | — | 11 | — | 10 | — | — | — | — | — | — | — | — | — | | |
| Dyers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Filers, polishers, sanders, and buffers | — | — | 19 | 9 | 9 | — | 13 | — | 59 | 4 | 5 | — | 14 | 5 | 46 | 7 | | |
| Furnacemen, smeltermen, and pourers | 122 | 265 | 1 645 | 179 | 1 021 | 45 | 1 048 | 117 | 1 485 | 178 | 1 513 | 428 | 3 218 | 719 | 1 586 | 99 | | |
| Garage workers and gas station attendants | 233 | 9 | 339 | 20 | 17 460 | 235 | 11 958 | 180 | 5 413 | 114 | 7 893 | 135 | 355 | 64 | 1 594 | 36 | | |
| Graders and sorters, manufacturing | — | — | 9 | — | 58 | — | 16 | — | 8 | — | 6 | — | — | — | — | — | | |
| Produce graders and packers, except factory and farm | 36 | 36 | 171 | 61 | 250 | 292 | 277 | 42 | 40 | 6 | 147 | 83 | 58 | 37 | 39 | 19 | | |
| Heaters, metal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Laundry and drycleaning operatives, n.e.c. | — | — | 23 | — | 3 218 | 32 | 1 348 | 16 | 115 | — | 120 | — | 43 | — | 142 | — | | |
| Meat cutters and butchers | — | — | — | — | 17 | — | 22 | — | — | — | 22 | — | — | — | 22 | — | | |
| Meat wrappers, retail trade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Metal platers | — | — | — | — | 46 | — | 14 | — | 5 | — | — | — | 9 | — | 11 | — | | |
| Milliners | 45 | 17 | 27 | 19 | 353 | 50 | 305 | 5 | 50 | 4 | 427 | 39 | 837 | 89 | 161 | 9 | | |
| Mine operatives, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Mixing operatives | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Oilers and greasers, except auto | 531 | 5 | 1 225 | 36 | 496 | — | 564 | 15 | 109 | — | — | — | — | — | — | — | | |
| Packers and wrappers, except meat and produce | 40 | — | 291 | 10 | 2 024 | 18 | 690 | 6 | 350 | 4 | 552 | 20 | 42 | 4 | 125 | 4 | | |
| Painters, manufactured articles | 642 | 559 | 1 797 | 1 048 | 1 389 | 143 | 1 039 | 768 | 1 405 | 698 | 1 367 | 801 | 88 | 14 | 229 | 5 | | |
| Photographic process workers | 311 | 714 | 301 | 137 | 1 396 | 40 | 892 | 20 | 506 | 99 | 547 | 73 | 1 044 | 2 959 | 1 405 | 900 | | |
| Precision machine operatives | 11 | — | 25 | 19 | 91 | 29 | 102 | 11 | 43 | 11 | 19 | 17 | 524 | 187 | 3 312 | 164 | | |
| Drill press operatives | 459 | — | 1 727 | 143 | 12 068 | 203 | 14 856 | 565 | 2 837 | 245 | 3 748 | 498 | — | — | 5 684 | 146 | | |
| Grinding machine operatives | 21 | 15 | 304 | 29 | 676 | 23 | 904 | 86 | 374 | 126 | 440 | 187 | 1 500 | 15 | 7 449 | 343 | | |
| Lathe and milling machine operatives | 160 | 69 | 557 | 59 | 6 437 | 23 | 3 904 | 358 | 1 493 | 76 | 1 798 | 188 | 2 744 | 653 | 1 969 | 333 | | |
| Precision machine operatives, n.e.c. | 246 | 41 | 768 | 37 | 4 195 | 33 | 2 893 | 82 | 727 | 37 | 1 195 | 81 | 1 388 | 189 | 2 919 | 181 | | |
| | 32 | — | 98 | 18 | 760 | 20 | 694 | 59 | 243 | 4 | 315 | 42 | 790 | 139 | 1 640 | 27 | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| | | Manufacturing, durable goods—Con. | | | | | | | | | | | | | |
|------------------------------|--------|--|--------|--|--------|---|--------|-----------------------------|--------|-------------------------------------|--------|--|--------|--------------------------------------|--------|
| | | Stone, clay, and glass products—Con. | | | | | | Metal industries | | | | | | | |
| Pottery and related products | | Miscellaneous nonmetallic mineral and stone products | | Blast furnaces, steel works, rolling and finishing mills | | Other primary iron and steel industries | | Primary aluminum industries | | Other primary nonferrous industries | | Cutlery, handtools, and other hardware | | Fabricated structural metal products | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| 75 | 71 | 880 | 527 | 2 562 | 232 | 3 349 | 342 | 1 923 | 477 | 1 646 | 996 | 2 388 | 2 218 | 7 383 | 1 470 |
| — | 5 | 70 | 46 | 316 | 17 | 283 | 61 | 88 | 32 | 60 | 42 | 134 | 219 | 394 | 218 |
| 40 | 19 | 978 | 42 | 1 000 | 21 | 686 | 36 | 1 272 | 91 | 904 | 14 | 99 | 31 | 1 519 | 254 |
| — | 29 | 94 | 259 | 42 | 6 | 64 | 14 | 21 | 10 | 34 | 44 | 28 | 35 | 60 | 127 |
| — | — | — | 6 | 6 | — | 9 | 6 | — | — | 7 | 5 | 5 | — | 16 | 6 |
| 5 | — | 15 | 18 | 27 | 8 | 38 | 37 | 4 | 6 | 68 | 336 | 51 | 39 | 177 | 86 |
| 718 | 52 | 1 317 | 31 | 2 557 | 42 | 950 | 11 | 603 | 5 | 927 | 20 | 106 | — | 351 | 5 |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 164 | 13 | 1 295 | 50 | 16 908 | 238 | 12 804 | 408 | 2 412 | 65 | 3 033 | 253 | 1 569 | 395 | 49 126 | 1 130 |
| 36 | 3 | 205 | 134 | 1 122 | 64 | 629 | 84 | 151 | 5 | 1 783 | 951 | 30 | 100 | 219 | 46 |
| 2 872 | 2 175 | 8 682 | 2 105 | 18 794 | 447 | 21 136 | 1 370 | 12 660 | 689 | 16 265 | 2 700 | 3 137 | 1 704 | 9 005 | 1 281 |
| 504 | 310 | 4 280 | 714 | 8 698 | 313 | 8 505 | 775 | 4 249 | 533 | 8 582 | 631 | 4 293 | 3 069 | 7 159 | 1 057 |
| 3 586 | 2 903 | 3 532 | 648 | 17 281 | 224 | 9 837 | 428 | 4 514 | 192 | 6 393 | 950 | 1 395 | 731 | 7 093 | 526 |
| 329 | 292 | 1 772 | 266 | 13 382 | 257 | 6 420 | 334 | 1 946 | 163 | 3 100 | 471 | 1 066 | 595 | 4 641 | 438 |
| 78 | 60 | 267 | 84 | 1 404 | 38 | 823 | 53 | 268 | 19 | 428 | 57 | 191 | 106 | 801 | 136 |
| 926 | 15 | 4 906 | 81 | 15 731 | 154 | 10 213 | 138 | 5 238 | 72 | 5 960 | 61 | 1 642 | 14 | 9 468 | 126 |
| — | — | 12 | — | 28 | — | 5 | — | — | — | 7 | — | — | — | 5 | — |
| — | — | — | — | 78 | — | — | — | — | — | — | — | — | — | 4 | — |
| 77 | — | 252 | — | 508 | — | 606 | 14 | 220 | 4 | 206 | 8 | 195 | — | 1 070 | 10 |
| 380 | 10 | 1 810 | 41 | 4 240 | 55 | 4 366 | 59 | 2 609 | 45 | 2 947 | 33 | 774 | 9 | 2 243 | 49 |
| — | — | 21 | — | 1 231 | 18 | 130 | — | 12 | — | 145 | — | 4 | — | 38 | — |
| — | — | 10 | — | — | — | 14 | — | — | — | 6 | — | — | — | — | — |
| — | — | 48 | — | 1 153 | 12 | 85 | 3 | 5 | — | 85 | — | — | — | 88 | — |
| — | — | 46 | — | 2 369 | 25 | 193 | 13 | 10 | — | 107 | — | 6 | — | 101 | — |
| 4 | — | 74 | — | 243 | — | 141 | 9 | 55 | — | 132 | — | 6 | — | 104 | — |
| 444 | 5 | 2 494 | 40 | 5 483 | 34 | 4 422 | 60 | 2 203 | 23 | 2 174 | 20 | 618 | 5 | 5 529 | 63 |
| 21 | — | 139 | — | 398 | 10 | 246 | — | 124 | — | 151 | — | 39 | — | 286 | — |
| 2 706 | 700 | 6 843 | 549 | 59 204 | 1 051 | 27 217 | 675 | 7 177 | 479 | 9 638 | 613 | 3 172 | 1 110 | 14 597 | 711 |
| — | — | 6 | — | — | — | — | — | — | — | — | — | 6 | — | — | — |
| — | — | 31 | — | 93 | — | 65 | — | 59 | — | 48 | — | 5 | — | 125 | — |
| 47 | — | 327 | 11 | 4 046 | 56 | 864 | 8 | 348 | 12 | 612 | 4 | 97 | 46 | 916 | 20 |
| — | — | 10 | — | 21 | — | 12 | — | 5 | — | 5 | — | — | — | — | — |
| 1 075 | 256 | 2 014 | 114 | 12 490 | 259 | 4 490 | 118 | 1 781 | 185 | 2 099 | 188 | 993 | 571 | 4 030 | 188 |
| — | — | — | — | 23 | — | 4 | — | 4 | — | — | — | — | — | 6 | — |
| 38 | — | 84 | — | 271 | — | 141 | — | 76 | — | 102 | — | 36 | — | 98 | — |
| 5 | — | 10 | — | 70 | — | 10 | — | 10 | — | 4 | — | 5 | — | 9 | — |
| 14 | 6 | 6 | 4 | 15 | — | — | — | 6 | — | 18 | — | 9 | — | 11 | 6 |
| 145 | 29 | 549 | 86 | 857 | 32 | 438 | 49 | 173 | 17 | 348 | 41 | 542 | 125 | 476 | 33 |
| — | — | 14 | — | 39 | — | 14 | — | 15 | — | 14 | — | 10 | — | 4 | — |
| 67 | 44 | 129 | 42 | 943 | 12 | 738 | 98 | 210 | 29 | 361 | 28 | 149 | 33 | 202 | 5 |
| 89 | 10 | 237 | 374 | 374 | — | 257 | — | 68 | — | 194 | 5 | 63 | — | 419 | 10 |
| 208 | 115 | 88 | 88 | 19 688 | 306 | 10 322 | 173 | 1 216 | 89 | 1 727 | 107 | 251 | 94 | 2 829 | 105 |
| 988 | 235 | 2 539 | 204 | 19 706 | 386 | 9 481 | 229 | 3 068 | 147 | 3 939 | 236 | 933 | 237 | 5 258 | 325 |
| 30 | 5 | 94 | — | 568 | — | 383 | — | 138 | — | 167 | — | 73 | 4 | 214 | 4 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | | Manufacturing, durable goods - Con. | | | | | | | | | | | | | |
|------------------------------|--------|--|--------|--|--------|---|--------|-----------------------------|--------|-------------------------------------|--------|--|--------|--------------------------------------|--------|
| | | Stone, clay, and glass products - Con. | | Metal industries | | | | | | | | | | | |
| Pottery and related products | | Miscellaneous nonmetallic mineral and stone products | | Blast furnaces, steel works, rolling and finishing mills | | Other primary iron and steel industries | | Primary aluminum industries | | Other primary nonferrous industries | | Cutlery, handtools, and other hardware | | Fabricated structural metal products | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| 924 | 180 | 2 718 | 251 | 15 173 | 1 540 | 8 346 | 756 | 3 518 | 240 | 4 650 | 408 | 2 072 | 359 | 5 303 | 663 |
| 763 | 131 | 1 917 | 160 | 9 888 | 1 034 | 5 874 | 426 | 2 517 | 150 | 3 066 | 209 | 1 404 | 130 | 3 852 | 373 |
| 136 | 61 | 6 | 5 | 2 045 | 398 | 806 | 115 | 332 | 69 | 353 | 87 | 117 | 61 | 474 | 198 |
| 627 | 70 | 1 691 | 79 | 7 837 | 636 | 5 052 | 307 | 2 168 | 75 | 2 713 | 122 | 1 287 | 64 | 3 378 | 170 |
| | 21 | 25 | 40 | 87 | 412 | 29 | 144 | 34 | 53 | 11 | 81 | 44 | 59 | 30 | 134 |
| | | | | | | | | | | | | 7 | | | 6 |
| | 6 | 14 | 10 | 46 | 105 | 8 | 4 | 5 | 23 | | 38 | 22 | 24 | 7 | 51 |
| | 4 | | | 10 | | 5 | 5 | 3 | 13 | | 12 | 5 | 9 | | |
| | 11 | 11 | 10 | 21 | 234 | 5 | 46 | 4 | 7 | 5 | 31 | 5 | 9 | 11 | 46 |
| | | | 20 | 10 | 43 | 5 | 33 | 4 | 10 | 6 | 6 | 5 | 17 | 12 | 31 |
| | | 34 | | 73 | 15 | 37 | 80 | 32 | | 21 | 23 | | 30 | 10 | 33 |
| | | 14 | | 14 | | 4 | 19 | 4 | | 6 | | | | 5 | 4 |
| | | | | | | | 3 | | | | | | | | |
| | | 20 | | 54 | 15 | 37 | 30 | 28 | | 15 | 23 | | 21 | 5 | 5 |
| | | | | 5 | | | 28 | | | | | | 9 | | 24 |
| 21 | | 42 | 13 | 164 | 24 | 40 | 17 | 16 | 14 | 66 | 20 | 33 | 14 | 37 | 18 |
| | | 4 | | 44 | | | | | | | | 4 | 5 | 5 | 5 |
| 12 | | 6 | 7 | 42 | 15 | 4 | 11 | 5 | | 5 | 14 | | 5 | | 4 |
| | | | | 11 | | | | | | 16 | | | | | |
| | | | | 5 | | | | | | | | | | | |
| 9 | | 19 | | 42 | 5 | 8 | | 5 | 5 | 42 | | 7 | | 11 | 9 |
| | | 13 | 6 | 14 | 4 | 28 | 6 | 6 | 4 | 3 | 6 | | 4 | 5 | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 125 | 5 | 569 | 18 | 4 453 | 21 | 2 012 | 23 | 804 | 23 | 1 250 | 25 | 515 | 29 | 1 089 | 21 |
| | | | | 33 | | 14 | | 4 | | 6 | 6 | 6 | 10 | 5 | |
| 9 | | 16 | 4 | 209 | | 38 | 5 | 15 | | 22 | 5 | 19 | 9 | 21 | |
| 110 | 5 | 541 | 14 | 4 020 | 21 | 1 918 | 18 | 772 | 23 | 1 185 | 20 | 484 | 10 | 1 037 | 21 |
| | | | | 191 | | 42 | | 13 | | 37 | | 6 | | 26 | |
| 6 | | 12 | | 508 | 34 | 354 | 66 | 115 | | 236 | 50 | 76 | 97 | 285 | 84 |
| 25 | 23 | 131 | 20 | | | | | | | | | | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text]

| United States | | Manufacturing, durable goods—Con. | | | | | | | | | | | | | | | |
|--|--------|-----------------------------------|--------|----------------|--------|---|--------|--------------------------------|--------|----------------------|--------|------------------------------|--------|---|--------|------------------------|--------|
| | | Metal industries—Con. | | | | | | Machinery, except electrical | | | | | | | | | |
| | | Screw-machine products | | Metal stamping | | Miscellaneous fabricated metal products | | Not specified metal industries | | Engines and turbines | | Farm machinery and equipment | | Construction and material-handling machines | | Metalworking machinery | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Total employed, 16 years old and over..... | | 58 876 | 17 508 | 110 104 | 30 578 | 300 333 | 75 349 | 70 012 | 13 126 | 81 769 | 13 410 | 117 238 | 16 739 | 235 811 | 26 955 | 274 435 | 44 614 |
| Professional, technical, and kindred workers..... | | 3 488 | 355 | 6 520 | 559 | 21 852 | 1 696 | 9 553 | 681 | 12 205 | 611 | 10 713 | 611 | 29 423 | 1 463 | 27 061 | 1 329 |
| Accountants..... | | 478 | 106 | 1 018 | 191 | 2 506 | 444 | 847 | 146 | 675 | 91 | 1 077 | 173 | 2 514 | 468 | 1 923 | 472 |
| Architects..... | | 5 | — | 9 | — | 16 | — | 8 | — | 5 | — | 18 | — | 18 | — | — | — |
| Computer specialists..... | | 114 | 12 | 188 | 34 | 399 | 91 | 590 | 54 | 420 | 65 | 533 | 72 | 1 158 | 79 | 849 | 79 |
| Computer programmers..... | | 65 | 12 | 152 | 22 | 394 | 74 | 225 | 43 | 251 | 50 | 350 | 54 | 639 | 52 | 596 | 68 |
| Computer systems analysts..... | | 45 | — | 27 | 12 | 146 | 17 | 152 | 11 | 160 | 15 | 163 | 14 | 474 | 22 | 189 | 11 |
| Computer specialists, n.e.c..... | | 4 | — | 9 | — | 50 | — | 22 | — | 9 | — | 20 | 4 | 45 | 5 | 64 | — |
| Engineers..... | | 1 435 | 32 | 2 574 | 20 | 8 467 | 87 | 3 479 | 21 | 5 816 | 80 | 4 626 | 36 | 12 815 | 115 | 11 794 | 66 |
| Aeronautical and astronautical..... | | — | — | — | — | 15 | — | — | — | 95 | — | — | 5 | — | — | 5 | — |
| Chemical..... | | 4 | — | 49 | — | 153 | — | 84 | — | 46 | — | 22 | — | 81 | — | 31 | — |
| Civil..... | | 4 | — | 33 | — | 227 | 5 | 104 | — | 48 | 5 | — | — | 331 | — | 30 | — |
| Electrical and electronic..... | | 19 | — | 92 | — | 432 | 4 | 429 | — | 549 | — | 235 | — | 963 | — | 793 | 9 |
| Industrial..... | | 535 | 5 | 898 | 16 | 2 437 | 48 | 530 | 12 | 1 115 | 7 | 1 335 | 20 | 2 481 | 32 | 1 863 | 5 |
| Mechanical..... | | 416 | 9 | 689 | 4 | 2 005 | 1 | 903 | 12 | 1 926 | 22 | 1 359 | — | 4 154 | 41 | 4 561 | 22 |
| Metallurgical and materials..... | | 103 | 8 | 160 | — | 313 | — | 154 | 4 | 158 | 9 | — | — | 206 | — | 131 | — |
| Mining..... | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Petroleum..... | | 151 | 4 | 204 | — | 926 | 4 | 300 | 5 | 243 | — | 120 | — | 1 018 | 4 | 1 922 | 15 |
| Sales..... | | 203 | 6 | 449 | — | 1 939 | 25 | 975 | — | 1 636 | 37 | 1 397 | 11 | 3 514 | 38 | 2 438 | 15 |
| Engineers, n.e.c..... | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Farm management advisors..... | | — | — | — | — | — | — | — | — | 5 | — | — | — | 5 | — | — | — |
| Foresters and conservationists..... | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Home management advisors..... | | — | — | — | 10 | — | — | — | — | — | — | — | — | — | — | — | — |
| Lawyers and judges..... | | 26 | — | 9 | — | 29 | — | 71 | — | 20 | — | 54 | — | 66 | — | 60 | — |
| Judges..... | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Lawyers..... | | 26 | — | 9 | — | 29 | — | 71 | — | 20 | — | 54 | — | 66 | — | 60 | — |
| Librarians, archivists, and curators..... | | — | — | — | 5 | — | — | — | — | 6 | 10 | — | — | 7 | 10 | 6 | 21 |
| Librarians..... | | — | — | — | 5 | — | — | — | — | 6 | 10 | — | — | 7 | 10 | 6 | 21 |
| Archivists and curators..... | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mathematical specialists..... | | — | 6 | 14 | — | 28 | 12 | 5 | — | 25 | — | 18 | 5 | 39 | 5 | 19 | 29 |
| Actuaries..... | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mathematicians..... | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Statisticians..... | | — | 6 | 14 | — | 28 | 12 | 5 | — | 25 | — | 13 | 5 | 39 | 5 | 5 | 4 |
| Life and physical scientists..... | | 100 | — | 80 | — | 674 | 70 | 468 | 24 | 193 | 4 | 101 | — | 273 | 8 | 321 | 25 |
| Agricultural..... | | — | — | — | — | — | — | 6 | — | — | — | — | — | — | — | — | — |
| Atmospheric and space..... | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Biological..... | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Chemists..... | | 100 | — | 74 | — | 632 | 70 | 342 | 24 | 167 | 4 | 95 | — | 220 | 8 | 286 | 17 |
| Geologists..... | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Marine..... | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Physicists and astronomers..... | | — | — | — | — | — | — | — | — | 5 | — | — | — | 8 | — | — | — |
| Life and physical, n.e.c..... | | — | 6 | 6 | — | 6 | — | 4 | — | 21 | — | — | — | 30 | — | 10 | — |
| Operations and systems researchers and analysts..... | | 127 | 11 | 223 | 5 | 781 | 10 | 155 | 6 | 418 | 19 | 361 | 24 | 869 | 22 | 521 | 38 |
| Personnel and labor relations workers..... | | 232 | 31 | 460 | 50 | 1 336 | 92 | 359 | 31 | 388 | 23 | 569 | 35 | 1 297 | 70 | 859 | 53 |
| Physicians, dentists, and related practitioners..... | | — | — | — | — | — | — | 6 | — | 11 | — | 5 | — | 28 | — | 23 | — |
| Chiropractors..... | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Dentists..... | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Optometrists..... | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Pharmacists..... | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Physicians, medical and osteopathic..... | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Podiatrists..... | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Radiation..... | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Veterinarians..... | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health practitioners, n.e.c..... | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| | Manufacturing, durable goods—Con. | | | | | | | | | | | | | | | |
|---|-----------------------------------|-------|----------------|------|---|------|--------------------------------|------|----------------------|------|------------------------------|------|---|------|------------------------|-----|
| | Metal industries—Con. | | | | | | Machinery, except electrical | | | | | | | | | |
| | Screw-machine products | | Metal stamping | | Miscellaneous fabricated metal products | | Not specified metal industries | | Engines and turbines | | Form machinery and equipment | | Construction and material-handling machines | | Metalworking machinery | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Professional, technical, and kindred workers—Continued | | | | | | | | | | | | | | | | |
| Registered nurses, dietitians, and therapists | 27 | 133 | 10 | 133 | 14 | 316 | 5 | 59 | — | 140 | 9 | 133 | 6 | 276 | 9 | 199 |
| Dietitians | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Registered nurses | 27 | 133 | 10 | 133 | 10 | 311 | 5 | 59 | — | 140 | 5 | 133 | 6 | 276 | 9 | 199 |
| Therapists | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health technologists and technicians | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Clinical laboratory technologists and technicians | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Dental hygienists | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health record technologists and technicians | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Radiologic technologists and technicians | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Radiologic technologists and technicians | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Therapy assistants | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health technologists and technicians, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Religious workers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Clergymen | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Religious workers, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Social scientists | 42 | — | 78 | — | 250 | 20 | 143 | 6 | 10 | — | — | — | 5 | — | 10 | — |
| Economists | 42 | — | 78 | — | 250 | 20 | 143 | 6 | 10 | — | — | — | 5 | — | 10 | — |
| Political scientists | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Psychologists | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sociologists | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Urban and regional planners | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Social scientists, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Social and recreation workers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Social | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Recreation | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Teachers, college and university | — | — | 6 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Adult education teachers | — | — | 6 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Elementary and secondary school teachers | 15 | — | 22 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Prekindergarten and kindergarten teachers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Teachers, except college and university, n.e.c. | 13 | — | 15 | — | 31 | 8 | — | — | — | — | — | — | — | — | — | — |
| Engineering and science technicians | 714 | 1 307 | 55 | 55 | 5 504 | 359 | 1 949 | 192 | 2 972 | 120 | 2 160 | 64 | 7 431 | 254 | 8 157 | 234 |
| Agriculture and biological, except health | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Chemical | 11 | 5 | 5 | 5 | 15 | — | 5 | — | — | — | 10 | 5 | 4 | — | — | — |
| Draftsmen | 372 | 937 | 25 | 25 | 78 | 27 | 73 | 6 | 16 | — | 10 | 5 | 4 | — | — | — |
| Electrical and electronic engineering | 32 | 27 | 22 | 22 | 3 230 | 150 | 957 | 51 | 1 794 | 72 | 20 | 37 | 59 | 5 | 48 | — |
| Industrial engineering | 56 | 112 | 12 | 12 | 296 | 12 | 176 | 10 | 211 | — | 1 464 | 6 | 5 939 | 200 | 6 419 | 170 |
| Mechanical engineering | 26 | 9 | 20 | 20 | 282 | 29 | 85 | 10 | 122 | — | 157 | 6 | 261 | 4 | 587 | 5 |
| Mathematical | — | — | — | — | 66 | — | 26 | — | 119 | — | 54 | 5 | 283 | 5 | 252 | 13 |
| Surveyors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Engineering and science, n.e.c. | 5 | — | — | — | 9 | — | 5 | — | — | — | — | — | — | — | — | — |
| Engineering and science | 212 | 25 | 200 | 20 | 1 528 | 141 | 622 | 65 | 705 | 44 | 394 | 11 | 697 | 40 | 638 | 46 |
| Technicians, except health, and engineering and science | 5 | 4 | 39 | — | 119 | 8 | 53 | — | 127 | — | 37 | 9 | 167 | — | 349 | 8 |
| Airplane pilots | 4 | — | 30 | — | 35 | — | 14 | — | 35 | — | 11 | 9 | 44 | — | 31 | — |
| Air traffic controllers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Embalmers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Flight engineers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Radio operators | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Tool programmers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Technicians, n.e.c. | 5 | — | 5 | — | 30 | — | 10 | — | 44 | — | 8 | — | — | — | 4 | — |
| Vocational and educational counselors | — | — | 4 | — | 54 | 8 | 24 | — | 41 | — | 15 | — | — | — | 282 | — |
| Technicians, n.e.c. | — | — | — | — | — | — | — | — | 7 | — | — | — | — | — | 36 | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text]

| | | Manufacturing, durable goods—Con. | | | | | | | | | | | | | | | |
|--|-------|-----------------------------------|--------|----------------|--------|---|--------|--------------------------------|--------|----------------------|--------|------------------------------|--------|---|--------|------------------------|--------|
| | | Metal industries—Con. | | | | Machinery, except electrical | | | | | | | | | | | |
| | | Screw-machine products | | Metal stamping | | Miscellaneous fabricated metal products | | Not specified metal industries | | Engines and turbines | | Farm machinery and equipment | | Construction and material-handling machines | | Metalworking machinery | |
| | | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Professional, technical, and kindred workers—Continued | | | | | | | | | | | | | | | | | |
| Writers, artists, and entertainers | 32 | 305 | 34 | 1 037 | 86 | 468 | 23 | 688 | 43 | 57 | 653 | 57 | 1 647 | 86 | 1 461 | 53 | |
| Actors | | | | | | | | | | | | | | | | | |
| Athletes and kindred workers | — | 21 | — | 12 | — | 5 | — | 14 | — | 10 | — | — | 14 | — | 4 | — | |
| Authors | 5 | 4 | — | 14 | — | 15 | — | 57 | 5 | 27 | — | 4 | 130 | — | 68 | — | |
| Dancers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 14 | — | |
| Designers | 69 | 187 | 5 | 549 | 11 | 242 | 10 | 350 | 10 | 5 | 323 | 5 | 813 | 25 | 975 | 17 | |
| Editors and reporters | 5 | 13 | 7 | 35 | 20 | 37 | 10 | 34 | 9 | 74 | 13 | 13 | 122 | 14 | 38 | 10 | |
| Musicians and composers | — | — | — | — | — | — | — | — | — | 6 | — | — | — | — | 5 | — | |
| Painters and sculptors | 5 | 38 | 12 | 187 | 26 | 27 | 8 | 29 | 5 | 46 | 26 | 26 | 162 | 24 | 88 | 16 | |
| Photographers | — | 23 | — | 92 | 16 | 12 | 5 | 49 | — | 28 | — | — | 77 | — | 55 | — | |
| Public relations men and publicity writers | 15 | 11 | 6 | 99 | 9 | 71 | — | 52 | 2 | 70 | — | 6 | 156 | 9 | 178 | — | |
| Radio and television announcers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Writers, artists, and entertainers, n.e.c. | 26 | 8 | 4 | 49 | 4 | 59 | — | 103 | 12 | 69 | — | 3 | 167 | 14 | 92 | 5 | |
| Research workers, not specified | 20 | 16 | — | 181 | 10 | 145 | 19 | 58 | — | 38 | — | — | 196 | — | 126 | — | |
| Professional, technical, and kindred workers—allocated | 37 | 134 | 9 | 247 | 56 | 973 | 131 | 152 | 5 | 158 | 5 | 5 | 361 | 34 | 305 | 48 | |
| | 4 010 | 291 | 6 349 | 338 | 20 156 | 1 090 | 6 332 | 223 | 3 335 | 109 | 6 547 | 230 | 13 167 | 469 | 18 177 | 979 | |
| Managers and administrators, except farm | | | | | | | | | | | | | | | | | |
| Assessors, controllers, and treasurers; local public administration | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Bank officers and financial managers | 58 | 92 | 4 | 259 | 16 | 88 | — | 88 | 3 | 176 | — | — | 301 | 6 | 278 | 32 | |
| Buyers and shippers, farm products | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Buyers, wholesale and retail trade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Credit men | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Funeral directors | 21 | 4 | 58 | 21 | 160 | 26 | 84 | 12 | 24 | — | 124 | 23 | 112 | 32 | 76 | 36 | |
| Health administrators | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Construction inspectors; public administration | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Inspectors, except construction; public administration | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Managers and superintendents, building | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Office managers, n.e.c. | 144 | 133 | 222 | 90 | 589 | 346 | 179 | 73 | 50 | 24 | 4 | 5 | 4 | 124 | 525 | 339 | |
| Officers, pilots, and pursers; ship | — | — | — | — | 13 | — | 22 | — | — | — | — | — | — | — | 6 | — | |
| Officials and administrators; public administration, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Officials of lodges, societies, and unions | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Postmasters and mail superintendents | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Purchasing agents and buyers, n.e.c. | 477 | 53 | 730 | 71 | 1 528 | 184 | 430 | 42 | 595 | 30 | 731 | 29 | 1 990 | 125 | 1 705 | 123 | |
| Railroad conductors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Restaurant, catering, and bar managers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Sales managers and department heads, retail trade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Sales managers, except retail trade | 353 | 9 | 523 | 37 | 2 104 | 41 | 505 | 9 | 264 | — | 904 | 5 | 1 781 | 27 | 1 832 | 8 | |
| School administrators, college | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| School administrators, elementary and secondary | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Managers and administrators, n.e.c., (excl. office managers, n.e.c.) | 2 919 | 81 | 4 655 | 109 | 15 173 | 453 | 4 182 | 65 | 2 211 | 35 | 4 326 | 115 | 8 439 | 145 | 13 461 | 418 | |
| Salaried | 2 697 | 65 | 4 371 | 94 | 14 030 | 417 | 3 977 | 53 | 2 166 | 35 | 4 062 | 115 | 8 119 | 140 | 11 901 | 372 | |
| Self-employed | 222 | 16 | 284 | 15 | 1 143 | 36 | 205 | 12 | 45 | — | 264 | — | 320 | 5 | 1 560 | 46 | |
| Managers and administrators, except farm—allocated | 38 | 5 | 69 | — | 324 | 18 | 842 | 22 | 103 | 6 | 148 | 10 | 194 | 6 | 294 | 17 | |
| | 1 587 | 66 | 1 630 | 123 | 6 397 | 296 | 1 913 | 151 | 750 | 28 | 2 960 | 87 | 5 449 | 114 | 6 280 | 215 | |
| Sales workers | | | | | | | | | | | | | | | | | |
| Advertising agents and salesmen | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Auctioneers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Demonstrators | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Hucksters and peddlers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Insurance agents, brokers, and underwriters | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Newsboys | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Real estate agents and brokers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Stock and bond salesmen | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Salesmen and sales clerks, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Sales workers—allocated | 1 550 | 37 | 1 544 | 77 | 6 212 | 239 | 1 497 | 67 | 698 | 22 | 2 828 | 61 | 5 220 | 101 | 6 005 | 168 | |
| | 37 | 5 | 63 | 16 | 152 | 39 | 386 | 71 | 40 | 6 | 111 | 26 | 150 | 13 | 177 | 42 | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| | Manufacturing, durable goods—Con. | | | | | | | | | | | | | | | |
|---|-----------------------------------|-------|----------------|-------|---|------------------------------|--------------------------------|-------|----------------------|-------|------------------------------|-------|---|--------|------------------------|--------|
| | Metal industries—Con. | | | | | Machinery, except electrical | | | | | | | | | | |
| | Screw-machine products | | Metal stamping | | Miscellaneous fabricated metal products | | Not specified metal industries | | Engines and turbines | | Farm machinery and equipment | | Construction and material-handling machines | | Metalworking machinery | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Clerical and kindred workers | 4 296 | 6 514 | 6 221 | 7 931 | 19 001 | 26 193 | 4 706 | 6 508 | 5 683 | 6 025 | 8 542 | 9 557 | 19 232 | 19 125 | 13 487 | 22 269 |
| Bank tellers | 19 | 154 | 20 | 164 | 231 | 677 | 25 | 63 | 19 | 106 | 39 | 231 | 74 | 287 | 37 | 386 |
| Billing clerks | 189 | 895 | 364 | 1 160 | 1 368 | 3 866 | 408 | 777 | 224 | 398 | 568 | 1 172 | 1 217 | 2 058 | 856 | 3 395 |
| Cashiers | — | — | — | — | 55 | 69 | 10 | — | 7 | 11 | 22 | 26 | 15 | 67 | 11 | 55 |
| Clerical assistants, social welfare | 25 | 24 | 29 | 4 | 138 | 59 | 29 | 22 | 40 | 21 | 116 | 11 | 238 | 31 | 116 | 40 |
| Clerical supervisors, n.e.c. | — | — | — | — | 5 | 4 | 5 | 5 | 7 | 7 | 25 | 17 | 529 | 154 | 15 | 5 |
| Collectors, bill and account | 71 | 75 | 65 | 72 | 394 | 202 | 108 | 21 | 125 | 42 | 153 | 34 | 529 | 154 | 295 | 161 |
| Counter clerks, except food | — | — | 4 | — | 46 | 17 | 33 | 4 | 12 | 4 | 42 | — | 29 | 4 | 11 | — |
| Dispatchers and starters, vehicle | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Enumerators and interviewers | — | — | — | — | 11 | 6 | 4 | — | — | — | 4 | — | 21 | — | 6 | — |
| Estimators and investigators, n.e.c. | 160 | 5 | 250 | 35 | 11 | 6 | 4 | — | — | — | 4 | — | 21 | — | 6 | — |
| Expeditors and production controllers | 581 | 132 | 897 | 140 | 2 088 | 391 | 443 | 15 | 148 | 36 | 210 | 5 | 3 | 33 | 781 | 26 |
| File clerks | 64 | 296 | 52 | 240 | 246 | 734 | 136 | 220 | 108 | 324 | 124 | 267 | 3 423 | 252 | 846 | 303 |
| Insurance adjusters, examiners, and investigators | — | — | — | — | — | 12 | — | — | — | — | — | — | 6 | 16 | 263 | 768 |
| Library attendants and assistants | — | — | — | — | — | 16 | — | — | — | — | — | — | — | — | — | — |
| Mail carriers, post office | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mail handlers, except post office | 12 | 39 | 30 | 34 | 221 | 137 | 75 | 19 | 71 | 13 | 81 | 111 | 190 | 157 | 105 | 109 |
| Messengers, including telegraph, and office boys | 15 | — | 4 | — | 39 | 16 | 39 | 4 | 5 | 5 | 9 | 13 | 41 | 15 | 61 | 7 |
| Meter readers, utilities | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Office machine operators | 114 | 453 | 224 | 421 | 646 | 1 506 | 185 | 347 | 233 | 585 | 389 | 995 | 569 | 1 656 | 657 | 1 426 |
| Bookkeeping and billing machine | 5 | 55 | 4 | 43 | 23 | 222 | 5 | 34 | 5 | 17 | 4 | 61 | 28 | 94 | 55 | 97 |
| Calculating machine | 4 | 25 | 4 | 20 | 25 | 90 | 5 | 15 | 6 | 39 | 31 | 32 | 35 | 88 | 5 | 135 |
| Computer and peripheral equipment | 48 | 45 | 149 | 42 | 375 | 104 | 128 | 30 | 149 | 27 | 230 | 72 | 335 | 121 | 354 | 163 |
| Duplicating machine | 5 | 17 | 10 | 10 | 52 | 35 | 15 | 32 | 23 | 31 | 10 | 21 | 38 | 77 | 64 | 32 |
| Keypunch | 21 | 296 | 42 | 301 | 118 | 983 | 37 | 210 | 40 | 445 | 101 | 794 | 149 | 183 | 125 | 961 |
| Tabulating machine | 21 | 10 | 4 | 5 | 17 | 9 | — | 12 | 6 | 5 | 26 | 26 | 14 | 9 | 33 | 5 |
| Office machine, n.e.c. | 10 | 5 | 15 | 10 | 36 | 43 | — | 14 | 4 | 21 | 18 | 16 | 14 | 84 | 21 | 33 |
| Payroll and timekeeping clerks | 102 | 178 | 279 | 390 | 713 | 998 | 111 | 182 | 249 | 181 | 291 | 358 | 729 | 538 | 556 | 745 |
| Postal clerks | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Proofreaders | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Real estate appraisers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Receptionists | — | 135 | 19 | 231 | 28 | 523 | 6 | 129 | 24 | 85 | 13 | 212 | 8 | 307 | 5 | 437 |
| Secretaries | 53 | 2 076 | 82 | 2 664 | 284 | 9 623 | 147 | 2 625 | 16 | 1 964 | 108 | 3 282 | 141 | 7 032 | 320 | 8 311 |
| Legal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Medical | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Shipping and receiving clerks | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Statistical clerks | 1 460 | 230 | 1 915 | 221 | 5 914 | 606 | 798 | 80 | 746 | 79 | 11 | 98 | 3 388 | 118 | 2 816 | 500 |
| Stenographers | 53 | 69 | 166 | 55 | 409 | 315 | 173 | 125 | 243 | 128 | 189 | 165 | 561 | 405 | 212 | 344 |
| Stock clerks and storekeepers | 736 | 153 | 1 169 | 155 | 3 075 | 453 | 460 | 90 | 1 264 | 177 | 2 056 | 180 | 4 357 | 411 | 2 845 | 236 |
| Teacher aides, except school monitors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Telephone operators | 6 | — | — | — | 5 | 15 | — | — | — | — | — | — | — | — | — | 487 |
| Telephone operators | 12 | 112 | — | — | 35 | 459 | 21 | 84 | 18 | 67 | 21 | 95 | 47 | 268 | 10 | — |
| Ticket, station, and express agents | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Typists | 39 | 808 | 94 | 854 | 193 | 2 945 | 50 | 657 | 26 | 930 | 71 | 1 070 | 164 | 2 408 | 25 | 309 |
| Weights | 170 | 25 | 35 | 21 | 215 | 39 | 80 | 6 | — | — | — | — | — | — | — | — |
| Miscellaneous clerical workers | 183 | 118 | 202 | 90 | 863 | 429 | 205 | 101 | 402 | 82 | 29 | 69 | 10 | 277 | 78 | 2 509 |
| Not specified clerical workers | 174 | 401 | 251 | 515 | 876 | 1 397 | 390 | 445 | 307 | 392 | 546 | 540 | 1 122 | 277 | 10 | 18 |
| Clerical and kindred workers—allocated | 58 | 63 | 55 | 117 | 256 | 238 | 529 | 310 | 69 | 52 | 92 | 73 | 1 024 | 141 | 714 | 180 |
| Craftsmen and kindred workers | 20 040 | 625 | 36 167 | 943 | 73 787 | 2 899 | 16 637 | 369 | 20 326 | 406 | 26 157 | 490 | 54 504 | 852 | 105 236 | 2 741 |
| Automobile accessories installers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Bakers | 6 | — | — | — | 17 | 6 | 10 | — | 5 | 6 | — | — | — | 6 | 28 | — |
| Blacksmiths | 17 | — | 5 | — | 61 | 9 | — | — | 10 | — | 86 | — | — | 82 | — | — |
| Boilermakers | 13 | — | 15 | — | 184 | 5 | — | — | 52 | — | 10 | — | — | 5 | 82 | — |
| Bookbinders | — | — | — | — | 5 | — | — | — | — | — | — | — | — | — | — | — |
| Brickmasons and stonemasons | 19 | — | 64 | — | 569 | 131 | 49 | — | 53 | — | 27 | — | — | — | 23 | 5 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| | Manufacturing, durable goods—Con. | | | | | | | | | | | | | | | |
|---|-----------------------------------|------|----------------|------|---|------|--------------------------------|------|----------------------|------|------------------------------|------|---|--------|------------------------|--|
| | Metal industries—Con. | | | | | | Machinery, except electrical | | | | | | | | | |
| | Screw-machine products | | Metal stamping | | Miscellaneous fabricated metal products | | Not specified metal industries | | Engines and turbines | | Form machinery and equipment | | Construction and material-handling machines | | Metalworking machinery | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| United States | | | | | | | | | | | | | | | | |
| Craftsmen and kindred workers—Continued | | | | | | | | | | | | | | | | |
| Buildozer operators | 28 | — | — | — | 275 | 9 | 54 | — | 19 | — | 214 | — | 3 | 39 | — | |
| Cabinetmakers | — | — | — | — | 80 | — | 103 | 9 | — | — | 10 | — | — | 17 | — | |
| Carpenters | 35 | — | — | 11 | 529 | — | 272 | 8 | 336 | 6 | 321 | — | 30 | 499 | 5 | |
| Corset installers | — | — | — | — | 5 | — | — | — | — | — | 5 | — | — | — | — | |
| Crane and concrete finishers | — | — | — | — | 5 | — | 20 | — | 4 | — | — | — | — | 5 | — | |
| Compositors and typesetters | 18 | 7 | — | 30 | 337 | — | 73 | 4 | 31 | 4 | 63 | 15 | 6 | 60 | 39 | |
| Cranemen, derrickmen, and hoistmen | 165 | — | — | 10 | 1 853 | 69 | 611 | 14 | 808 | 25 | 548 | 38 | 42 | 1 338 | 15 | |
| Decorators and window dressers | — | — | — | — | 3 | — | — | — | — | — | — | — | — | 11 | — | |
| Dental laboratory technicians | — | — | — | — | 4 | — | — | — | — | — | — | — | — | — | — | |
| Dental laboratory technicians | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Electricians | 339 | — | — | 32 | 2 496 | 17 | 466 | 5 | 684 | 26 | 801 | 7 | 57 | 2 300 | 19 | |
| Electric power linemen and cablemen | — | — | — | — | 13 | — | — | — | — | — | — | — | — | — | — | |
| Electrotypers and stereotypers | — | — | — | — | 16 | — | — | — | — | — | 5 | — | — | 9 | — | |
| Engravers, except photoengravers | 7 | — | — | 5 | 769 | — | 14 | — | — | — | — | — | 9 | 167 | 64 | |
| Excavating, grading, and road machine operators; except buildozer | 5 | — | — | — | 190 | — | 58 | 5 | 46 | — | 21 | — | — | 18 | — | |
| Floor layers, except tile setters | — | — | — | — | 18 | — | — | — | 10 | — | — | — | — | — | — | |
| Foremen, n.e.c. | 3 974 | 150 | — | 192 | 20 317 | 663 | 4 091 | 106 | 4 621 | 23 | 6 961 | 126 | 195 | 14 625 | 331 | |
| Forgemen and hammermen | 1 973 | 64 | — | 17 | 356 | 49 | 73 | — | 47 | — | 238 | 8 | — | 647 | 42 | |
| Furniture and wood finishers | — | — | — | — | 17 | — | 16 | — | — | — | 5 | — | — | 4 | — | |
| Furriers | — | — | — | — | 5 | — | — | — | — | — | — | — | — | — | — | |
| Glaziers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Heat treaters, annealers, and temperers | — | — | — | — | 15 | — | 24 | — | — | — | 15 | — | — | — | 17 | |
| Inspectors, scalers, and graders; log and lumber | 606 | 9 | — | 11 | 782 | 45 | 216 | — | 296 | 5 | 443 | 6 | 10 | 1 153 | 31 | |
| Inspectors, n.e.c. | 18 | 11 | — | 10 | — | — | 43 | 5 | 8 | — | — | — | — | — | — | |
| Jewelers and watchmakers | 8 | — | — | — | 246 | 44 | 119 | — | 105 | 10 | 86 | — | — | 126 | 20 | |
| Job and die setters, metal | 4 248 | 23 | — | 48 | 5 163 | 118 | 584 | 4 | 1 079 | 12 | 1 333 | — | 4 | 3 461 | 107 | |
| Locomotive engineers | — | — | — | — | 12 | — | 8 | — | 5 | — | 5 | — | — | — | — | |
| Locomotive firemen | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Machinists | 3 785 | 190 | — | 135 | 9 208 | 387 | 2 122 | 20 | 4 162 | 117 | 4 177 | 88 | 232 | 20 474 | 456 | |
| Mechanics and repairmen | 1 656 | 40 | — | 46 | 13 392 | 168 | 1 854 | 55 | 3 855 | 91 | 5 125 | 84 | 96 | 5 280 | 177 | |
| Air conditioning, heating, and refrigeration | — | — | — | — | 319 | — | 87 | — | 66 | — | 38 | — | — | 58 | — | |
| Aircraft | 9 | 6 | — | — | 67 | 5 | 20 | — | 129 | — | 11 | — | — | 10 | — | |
| Automobile body repairmen | — | — | — | — | 61 | — | — | — | — | — | 9 | — | — | — | — | |
| Automobile mechanics | 39 | 5 | — | 7 | 414 | — | 108 | 17 | 250 | 5 | 392 | 8 | — | 116 | 6 | |
| Data processing machine repairmen | — | — | — | — | — | — | 50 | — | 9 | — | 18 | — | — | 43 | — | |
| Farm implement | — | — | — | — | 58 | — | — | — | — | — | 283 | — | — | — | — | |
| Heavy equipment mechanics, including diesel | 1 434 | 13 | — | 30 | 10 484 | 75 | 1 164 | 28 | 2 625 | 51 | 3 628 | 60 | 84 | 4 193 | 112 | |
| Household appliance and accessory installers and mechanics | 5 | — | — | — | 14 | — | 32 | — | 22 | — | 5 | — | — | 36 | — | |
| Loom fixers | — | — | — | — | — | — | 5 | — | — | — | — | — | — | 5 | — | |
| Office machine | — | — | — | — | 12 | — | 41 | — | — | — | — | — | — | 21 | — | |
| Radio and television | 5 | — | — | — | 116 | — | 81 | 5 | 32 | — | 49 | — | — | 60 | — | |
| Railroad and car shop | — | — | — | — | 25 | — | 6 | — | 5 | — | — | — | — | 10 | — | |
| Miscellaneous mechanics and repairmen | 45 | — | — | 9 | 773 | 59 | 117 | 5 | 443 | 20 | 306 | 12 | 8 | 328 | 33 | |
| Not specified mechanics and repairmen | 119 | 16 | — | — | 970 | 3 | 143 | — | 274 | 15 | 386 | 4 | 4 | 410 | 21 | |
| Millers; grain, flour, and feed | — | — | — | — | 5 | — | — | — | — | — | — | — | — | 5 | — | |
| Millwrights | 170 | — | — | 5 | 1 374 | 10 | 298 | 5 | 334 | 4 | 437 | 5 | 12 | 744 | 5 | |
| Molders, metal | 57 | 15 | — | 65 | 2 106 | 184 | 474 | 18 | 180 | 7 | 568 | 26 | 24 | 3 666 | 214 | |
| Motion picture projectionists | — | — | — | — | — | — | — | — | — | — | — | — | — | 12 | — | |
| Opticians, and lens grinders and polishers | — | — | — | — | 5 | — | — | — | — | — | — | — | — | 6 | — | |
| Painters, construction and maintenance | 28 | 19 | — | 55 | 947 | 120 | 157 | 14 | 194 | 9 | 745 | 63 | 21 | 375 | 30 | |
| Paperhangers | — | — | — | — | 12 | — | — | — | — | — | — | — | — | — | — | |
| Pattern and model makers, except paper | 16 | — | — | — | 543 | 29 | 162 | 5 | 171 | — | 314 | — | — | 983 | 4 | |
| Photoengravers and lithographers | — | — | — | — | 600 | 17 | 17 | — | 11 | — | 6 | — | — | 5 | — | |
| Piano and organ tuners and repairmen | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Plasterers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| | Manufacturing, durable goods—Con. | | | | | | | | | | | | | | | |
|--|-----------------------------------|-------|----------------|--------|---|------------------------------|--------------------------------|-------|----------------------|-------|------------------------------|-------|---|-------|------------------------|--------|
| | Metal industries—Con. | | | | | Machinery, except electrical | | | | | | | | | | |
| | Screw-machine products | | Metal stamping | | Miscellaneous fabricated metal products | | Not specified metal industries | | Engines and turbines | | Farm machinery and equipment | | Construction and material-handling machines | | Metalworking machinery | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Craftsmen and kindred workers—Continued | | | | | | | | | | | | | | | | |
| Plumbers and pipe fitters | 59 | — | 398 | — | 1 416 | 39 | 238 | 5 | 554 | 14 | 374 | — | 714 | 9 | 569 | 4 |
| Power station operators | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Pressmen and plate printers | 20 | 5 | 22 | 45 | 1 035 | 97 | 29 | 4 | 6 | 6 | 20 | — | 34 | — | 79 | 65 |
| Rollers and finishers, metal | 115 | 35 | 231 | 87 | 667 | 159 | 117 | 12 | 18 | — | 35 | 12 | 36 | 4 | 28 | — |
| Roofers and slaters | — | — | — | — | 5 | — | 4 | — | 5 | — | 14 | — | — | — | — | — |
| Sheetmetal workers and fimsmiths | 56 | — | 623 | 15 | 1 377 | 32 | 695 | 7 | 321 | — | 534 | 4 | 962 | — | 557 | — |
| Shiptitters | — | — | — | — | 4 | — | — | — | — | — | — | — | 17 | — | — | — |
| Shoe repairmen | — | — | — | — | — | — | — | — | — | — | 4 | — | — | — | — | — |
| Sign painters and letterers | — | — | 15 | — | 29 | 7 | — | — | — | — | — | — | 14 | — | 5 | — |
| Stationary engineers | 70 | — | 204 | 10 | 462 | 5 | 113 | — | 311 | 12 | 300 | 3 | 433 | 9 | 440 | 6 |
| Stone cutters and stone carvers | — | — | — | — | 16 | — | 23 | — | — | — | — | — | — | — | — | — |
| Structural metal craftsmen | 12 | — | 89 | 4 | 377 | 18 | 98 | — | 75 | — | 37 | — | 470 | — | 65 | — |
| Tailors | — | — | 14 | — | 10 | — | 4 | — | — | — | 8 | — | — | — | 8 | — |
| Telephone installers and repairmen | — | — | — | — | 60 | — | 10 | — | — | — | 11 | — | — | — | 6 | — |
| Telephone linemen and splicers | — | — | — | — | 5 | — | — | — | — | — | — | — | — | — | — | — |
| Tile setters | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Tool and die makers | 2 350 | 44 | 10 347 | 87 | 4 592 | 91 | 1 095 | 10 | 1 460 | 16 | 1 763 | 5 | 2 504 | 38 | 24 | 4 |
| Upholsterers | 7 | — | — | — | 98 | — | 35 | — | — | — | — | — | — | — | — | — |
| Craftsmen and kindred workers, n.e.c. | 47 | — | 193 | — | 240 | 6 | 345 | 19 | 210 | — | 86 | — | 312 | — | 5 | — |
| Craftsmen and kindred workers—allocated | 113 | 8 | 304 | — | 821 | 20 | 1 733 | 17 | 204 | — | 386 | — | 547 | — | 532 | 24 |
| | 21 210 | 8 996 | 42 344 | 19 044 | 125 782 | 38 378 | 23 382 | 4 498 | 33 332 | 5 844 | 50 309 | 5 007 | 95 403 | 3 951 | 91 337 | 15 879 |
| Operatives, except transport | | | | | | | | | | | | | | | | |
| Asbestos and insulation workers | 495 | 705 | 2 677 | 2 988 | 11 554 | 6 908 | 2 076 | 1 044 | 5 870 | 2 217 | 11 367 | 2 027 | 15 056 | 913 | 9 360 | 3 490 |
| Assemblers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Blasters and powdermen | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Bottling and canning operatives | — | — | 38 | 42 | 205 | 249 | 17 | 5 | 4 | — | 5 | 5 | 6 | — | 16 | 5 |
| Chainmen, rodmen, and axmen; surveying | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Checkers, examiners, and inspectors; manufacturing | 1 726 | 1 831 | 3 582 | 2 101 | 10 195 | 5 977 | 1 269 | 556 | 5 018 | 848 | 3 577 | 340 | 7 585 | 323 | 5 277 | 1 627 |
| Clothing ironers and pressers | — | — | 12 | 10 | 12 | 5 | 6 | — | 5 | — | 6 | — | — | — | — | — |
| Cutting operatives, n.e.c. | 499 | 82 | 889 | 124 | 3 286 | 412 | 581 | 17 | 156 | 3 | 818 | 27 | 1 138 | 52 | 932 | 176 |
| Dressmakers and seamstresses, except factory | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Drillers, earth | 57 | 82 | 51 | 30 | 279 | 61 | 95 | 14 | 365 | 47 | 433 | 38 | 1 401 | 43 | 607 | 148 |
| Dry wall installers and lathers | 10 | — | — | 6 | — | — | — | — | 10 | — | 11 | — | — | — | 24 | — |
| Dyers | 5 | 4 | 44 | — | 70 | 10 | 5 | — | — | — | 16 | — | 9 | — | — | — |
| Filers, polishers, sanders, and buffers | 172 | 152 | 1 699 | 173 | 6 222 | 605 | 735 | 90 | 610 | 57 | 467 | 40 | 861 | 129 | 2 196 | 337 |
| Furnacemen, smelters, and pourers | 294 | 74 | 315 | 45 | 2 244 | 129 | 966 | 22 | 209 | 11 | 484 | — | 532 | 50 | 709 | 23 |
| Garage workers and gas station attendants | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Graders and sorters, manufacturing | 60 | 244 | 32 | 105 | 235 | 253 | 49 | 15 | 4 | 6 | 38 | 5 | 9 | — | 45 | 19 |
| Produce graders and packers, except factory and farm | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Henders, metal | 35 | — | 31 | 7 | 94 | — | 69 | 5 | 19 | 5 | 32 | — | 49 | — | 88 | 7 |
| Laundry and drycleaning operatives, n.e.c. | 7 | — | 5 | — | 31 | 6 | 4 | — | — | — | 5 | — | 5 | — | 6 | — |
| Meat cutters and butchers | 7 | — | — | — | 115 | 30 | 8 | — | — | — | 10 | — | 11 | — | — | — |
| Meat wrappers, retail trade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Metal platers | 501 | 10 | 344 | 44 | 9 119 | 509 | 231 | — | 158 | 5 | 60 | — | 117 | 5 | 286 | 17 |
| Milliners | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mine operatives, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mixing operatives | 6 | — | 204 | 9 | 489 | 20 | 90 | — | 26 | — | 69 | — | 99 | — | 139 | — |
| Oilers and greasers, except auto | — | — | 173 | 34 | 335 | 11 | 56 | — | 97 | 4 | 120 | — | 349 | — | 196 | 6 |
| Packers and wrappers, except meat and produce | 428 | 500 | 1 171 | 630 | 2 871 | 2 596 | 383 | 299 | 564 | 211 | 939 | 310 | 1 016 | 155 | 920 | 920 |
| Painters, manufactured articles | 79 | 11 | 1 012 | 251 | 3 394 | 609 | 373 | 33 | 441 | 20 | 1 608 | 97 | 2 118 | 69 | 893 | 84 |
| Photographic process workers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Precision machine operatives | 7 581 | 1 765 | 2 386 | 440 | 11 728 | 1 285 | 2 688 | 175 | 7 818 | 613 | 6 510 | 308 | 18 075 | 435 | 36 547 | 2 705 |
| Drill press operatives | 572 | 678 | 436 | 197 | 1 679 | 469 | 76 | 76 | 1 529 | 275 | 1 661 | 136 | 4 303 | 189 | 3 882 | 749 |
| Grinding machine operatives | 1 398 | 185 | 775 | 87 | 4 192 | 317 | 943 | 56 | 2 521 | 84 | 1 789 | 83 | 4 470 | 59 | 3 882 | 1 249 |
| Lathe and milling machine operatives | 1 403 | 258 | 830 | 98 | 4 414 | 330 | 909 | 24 | 2 417 | 85 | 2 379 | 45 | 7 124 | 153 | 10 267 | 383 |
| Precision machine operatives, n.e.c. | 4 208 | 664 | 345 | 58 | 1 443 | 169 | 447 | 19 | 1 351 | 59 | 881 | 44 | 2 178 | 34 | 5 405 | 324 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| | Manufacturing, durable goods—Con. | | | | | | | | | | | | | | | |
|---|-----------------------------------|-------|----------------|-------|---|------------------------------|--------------------------------|------|----------------------|------|------------------------------|------|---|------|------------------------|-------|
| | Metal industries—Con. | | | | | Machinery, except electrical | | | | | | | | | | |
| | Screw-machine products | | Metal stamping | | Miscellaneous fabricated metal products | | Not specified metal industries | | Engines and turbines | | Farm machinery and equipment | | Construction and material-handling machines | | Metalworking machinery | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| United States | | | | | | | | | | | | | | | | |
| Operatives, except transport—Continued | | | | | | | | | | | | | | | | |
| Punch and stamping press operatives | 869 | 577 | 10 458 | 5 209 | 6 036 | 3 801 | 1 123 | 301 | 542 | 185 | 2 782 | 343 | 2 322 | 122 | 2 628 | 1 183 |
| Riveters and fasteners | 210 | 37 | 28 | 184 | 174 | 142 | 48 | 21 | 32 | 27 | 98 | 51 | 89 | 17 | 43 | 19 |
| Sailors and deckhands | 7 | 17 | 131 | 15 | 507 | 63 | 235 | 21 | 111 | 9 | 250 | 11 | 14 | 20 | 5 | 36 |
| Sawyers and stiters | 9 | 18 | 56 | 211 | 125 | 181 | 27 | 91 | — | — | 6 | 67 | 35 | 52 | 33 | 72 |
| Sawing and machine operatives | — | — | 32 | 101 | 16 | 5 | — | 8 | — | — | 5 | — | 14 | — | — | — |
| Shoemaking machine operatives | — | — | 144 | 5 | 298 | 281 | 29 | 20 | 79 | 33 | 50 | 51 | 26 | 23 | 58 | 84 |
| Stationary firemen | 51 | 6 | — | — | 400 | 8 | 156 | 12 | 126 | 5 | 152 | — | 263 | 5 | 150 | — |
| Textile operatives | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Carding, laping, and combing operatives | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Knitters, loopers, and toppers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Spinners, twistors, and winders | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Weavers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Textile operatives, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Welders and flamecutters | 361 | 70 | 6 436 | 1 136 | 11 771 | 5 333 | 2 892 | 169 | 2 571 | 69 | 10 239 | 298 | 23 799 | 337 | 4 670 | 325 |
| Winding operatives, n.e.c. | 54 | 4 | 248 | 31 | 910 | 249 | 191 | 19 | 127 | 45 | 212 | 22 | 212 | 86 | 97 | 288 |
| Machine operatives, miscellaneous specified | 1 778 | 688 | 4 218 | 1 801 | 18 331 | 4 762 | 2 075 | 336 | 2 480 | 285 | 2 644 | 262 | 5 134 | 214 | 6 196 | 1 360 |
| Machine operatives, not specified | 4 305 | 1 765 | 3 175 | 1 618 | 13 225 | 4 505 | 1 833 | 382 | 3 778 | 696 | 3 921 | 364 | 7 460 | 391 | 12 219 | 1 957 |
| Miscellaneous operatives | 933 | 177 | 1 864 | 545 | 6 974 | 1 733 | 1 622 | 220 | 1 096 | 178 | 1 381 | 152 | 3 812 | 205 | 3 136 | 452 |
| Not specified operatives | 526 | 109 | 1 361 | 438 | 3 762 | 1 146 | 2 128 | 336 | 1 795 | 229 | 1 645 | 119 | 2 135 | 97 | 2 645 | 386 |
| Operatives, except transport—allocated | 78 | 24 | 251 | 89 | 606 | 197 | 1 244 | 257 | 153 | 4 | 398 | 39 | 450 | 60 | 463 | 77 |
| Transport equipment operatives | | | | | | | | | | | | | | | | |
| Boatmen and canalmen | 1 222 | 20 | 3 853 | 109 | 11 454 | 246 | 2 631 | 43 | 1 660 | 17 | 4 398 | 83 | 5 727 | 145 | 3 067 | 48 |
| Bus drivers | 9 | — | — | — | 6 | — | — | — | 4 | — | — | — | 12 | — | 5 | — |
| Conductors and motormen, urban rail transit | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Deliverymen and routemen | 149 | 5 | 165 | 13 | 1 157 | 35 | 258 | 14 | 68 | — | 243 | 6 | 387 | 10 | 588 | 22 |
| Fork lift and tow motor operatives | 531 | — | 2 413 | 57 | 5 786 | 149 | 667 | 7 | 813 | 14 | 2 263 | 44 | 2 737 | 76 | 880 | 17 |
| Motormen: mine, factory, logging comp, etc. | — | — | 5 | — | 15 | — | 19 | — | 13 | — | 4 | — | 13 | — | — | — |
| Parking attendants | 8 | 9 | 6 | 4 | — | — | 4 | — | — | — | — | — | 3 | — | — | — |
| Railroad brakemen | — | — | 5 | 9 | 41 | — | 6 | — | 4 | — | — | — | 10 | — | 5 | — |
| Railroad switchmen | 12 | — | 4 | — | 12 | — | 5 | — | 4 | — | 5 | — | 25 | — | 4 | — |
| Taxicab drivers and chauffeurs | 26 | — | 59 | 4 | 199 | — | 70 | — | 49 | — | 53 | — | 116 | — | 57 | — |
| Truck drivers | 436 | 6 | 1 134 | 26 | 3 967 | 56 | 1 087 | 9 | 661 | 3 | 1 715 | 33 | 2 273 | 54 | 1 356 | 9 |
| Transport equipment operatives—allocated | 51 | — | 62 | — | 271 | 6 | 505 | 8 | 48 | — | 110 | — | 151 | — | 172 | — |
| Laborers, except farm | | | | | | | | | | | | | | | | |
| Animal caretakers, except farm | 1 897 | 472 | 4 425 | 1 183 | 15 137 | 3 647 | 3 189 | 334 | 2 644 | 212 | 5 249 | 319 | 8 013 | 281 | 4 694 | 393 |
| Carpenters' helpers | — | — | — | — | 52 | 4 | 12 | — | 10 | — | 5 | — | 18 | — | 9 | — |
| Construction laborers, except carpenters' helpers | 8 | — | 105 | 14 | 487 | 43 | 83 | 5 | 145 | 8 | 90 | 9 | 400 | 7 | 122 | 19 |
| Fishermen and oystermen | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 11 | 6 |
| Freight and material handlers | 382 | 71 | 1 898 | 255 | 4 517 | 1 417 | 646 | 119 | 471 | 40 | 1 744 | 77 | 2 130 | 60 | 812 | 63 |
| Garbage collectors | — | — | — | — | 4 | — | 7 | — | — | — | 6 | — | 7 | — | — | — |
| Gardeners and groundskeepers, except farm | 14 | — | 18 | 8 | 146 | — | 56 | — | 39 | — | 81 | 4 | 96 | — | 76 | 4 |
| Longshoremen and stevedores | — | — | — | — | 25 | — | — | — | 6 | — | — | — | 10 | — | 10 | — |
| Lumbermen, raftsmen, and woodchoppers | — | — | — | — | 14 | — | 168 | 6 | — | — | 6 | — | 9 | — | 5 | — |
| Stock handlers | 350 | 35 | 605 | 88 | 973 | 124 | 102 | 11 | 538 | 54 | 495 | 58 | 1 141 | 91 | 542 | 125 |
| Teamsters | 5 | — | 30 | — | 45 | 4 | 9 | — | 5 | — | 5 | — | 10 | — | 14 | — |
| Vehicle washers and equipment cleaners | 200 | 13 | 193 | 77 | 736 | 144 | 91 | 16 | 232 | 17 | 170 | 15 | 590 | 30 | 856 | 51 |
| Warehousemen, n.e.c. | 59 | — | 61 | — | 653 | 111 | 97 | 5 | 39 | — | 255 | 73 | 354 | — | 73 | — |
| Miscellaneous laborers | 333 | 293 | 539 | 550 | 2 376 | 1 376 | 439 | 39 | 500 | 25 | 497 | 8 | 984 | 8 | 594 | 31 |
| Not specified laborers | 515 | 55 | 894 | 191 | 4 630 | 524 | 1 024 | 123 | 595 | 68 | 1 788 | 144 | 2 109 | 74 | 1 343 | 94 |
| Laborers, except farm—allocated | 31 | 5 | 82 | — | 230 | — | 455 | 10 | 64 | — | 103 | — | 145 | — | 227 | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| | | Manufacturing, durable goods—Con. | | | | | | | | | | | | | | | | |
|--|--------|-----------------------------------|--------|----------------|--------|---|--------|--------------------------------|--------|----------------------|--------|------------------------------|--------|---|--------|------------------------|--------|--|
| | | Metal industries—Con. | | | | | | Machinery, except electrical | | | | | | | | | | |
| | | Screw-machine products | | Metal stamping | | Miscellaneous fabricated metal products | | Not specified metal industries | | Engines and turbines | | Farm machinery and equipment | | Construction and material-handling machines | | Metalworking machinery | | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Farmers and farm managers | | | | | | | | | | | | | | | | | | |
| Farm laborers and farm foremen | | | | | | | | | | | | | | | | | | |
| Farm foremen | | | | | | | | | | | | | | | | | | |
| Farm laborers, wage workers | | | | | | | | | | | | | | | | | | |
| Farm laborers, unpaid family workers | | | | | | | | | | | | | | | | | | |
| Farm service laborers, self-employed | | | | | | | | | | | | | | | | | | |
| Farm laborers and farm foremen—allocated | | | | | | | | | | | | | | | | | | |
| Service workers, except private household | | | | | | | | | | | | | | | | | | |
| Cleaning service workers | | | | | | | | | | | | | | | | | | |
| Chambermaids and maids, except private household | | | | | | | | | | | | | | | | | | |
| Cleaners and chorwomen | | | | | | | | | | | | | | | | | | |
| Janitors and sextons | | | | | | | | | | | | | | | | | | |
| Food service workers | | | | | | | | | | | | | | | | | | |
| Bar tenders | | | | | | | | | | | | | | | | | | |
| Busboys | | | | | | | | | | | | | | | | | | |
| Cooks, except private household | | | | | | | | | | | | | | | | | | |
| Dishwashers | | | | | | | | | | | | | | | | | | |
| Food counter and fountain workers | | | | | | | | | | | | | | | | | | |
| Waiters | | | | | | | | | | | | | | | | | | |
| Food service workers, n.e.c., except private household | | | | | | | | | | | | | | | | | | |
| Health service workers | | | | | | | | | | | | | | | | | | |
| Dental assistants | | | | | | | | | | | | | | | | | | |
| Health aides, except nursing | | | | | | | | | | | | | | | | | | |
| Health trainees | | | | | | | | | | | | | | | | | | |
| Lay midwives | | | | | | | | | | | | | | | | | | |
| Nursing aides, orderlies, and attendants | | | | | | | | | | | | | | | | | | |
| Practical nurses | | | | | | | | | | | | | | | | | | |
| Personal service workers | | | | | | | | | | | | | | | | | | |
| Airline stewardesses | | | | | | | | | | | | | | | | | | |
| Attendants, recreation and amusement | | | | | | | | | | | | | | | | | | |
| Attendants, personal service, n.e.c. | | | | | | | | | | | | | | | | | | |
| Baggage porters and bellhops | | | | | | | | | | | | | | | | | | |
| Barbers | | | | | | | | | | | | | | | | | | |
| Boarding and lodging house keepers | | | | | | | | | | | | | | | | | | |
| Boatblacks | | | | | | | | | | | | | | | | | | |
| Child care workers, except private household | | | | | | | | | | | | | | | | | | |
| Elevator operators | | | | | | | | | | | | | | | | | | |
| Hairdressers and cosmetologists | | | | | | | | | | | | | | | | | | |
| Housekeepers, except private household | | | | | | | | | | | | | | | | | | |
| School monitors | | | | | | | | | | | | | | | | | | |
| Ushers, recreation and amusement | | | | | | | | | | | | | | | | | | |
| Welfare service aides | | | | | | | | | | | | | | | | | | |
| Protective service workers | | | | | | | | | | | | | | | | | | |
| Crossing guards and bridge tenders | | | | | | | | | | | | | | | | | | |
| Firemen, fire protection | | | | | | | | | | | | | | | | | | |
| Guards and watchmen | | | | | | | | | | | | | | | | | | |
| Marshals and constables | | | | | | | | | | | | | | | | | | |
| Policemen and detectives | | | | | | | | | | | | | | | | | | |
| Sheriffs and bailiffs | | | | | | | | | | | | | | | | | | |
| Service workers, except private household—allocated | | | | | | | | | | | | | | | | | | |
| Private household workers | | | | | | | | | | | | | | | | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| | | Manufacturing, durable goods - Con. | | | | | | | | | | | | | | | |
|--|--|-------------------------------------|--------|--------------------------------|--------|--------------------------------------|---|-------------------------|--------|----------------------|--------|--|---------|---|---------|---|--------|
| | | Machinery, except electrical - Con. | | | | | Electrical machinery, equipment, and supplies | | | | | | | | | | |
| | | Office and accounting machines | | Electronic computing equipment | | Machinery, except electrical, n.e.c. | | Not specified machinery | | Household appliances | | Radio, television, and communication equipment | | Electrical machinery, equipment, and supplies, n.e.c. | | Not specified electrical machinery, equipment, and supplies | |
| | | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Total employed, 16 years old and over | | 94 276 | 37 091 | 135 985 | 50 673 | 688 119 | 132 814 | 33 217 | 7 896 | 137 112 | 51 485 | 336 918 | 207 225 | 589 506 | 397 702 | 114 510 | 70 467 |
| Professional, technical, and kindred workers | | 21 367 | 1 836 | 65 337 | 5 568 | 75 110 | 4 459 | 7 490 | 533 | 12 869 | 1 052 | 117 367 | 8 960 | 143 619 | 14 493 | 43 385 | 3 679 |
| Accountants | | 1 485 | 318 | 2 841 | 417 | 5 963 | 1 409 | 692 | 108 | 1 440 | 280 | 6 270 | 1 359 | 7 859 | 2 123 | 2 050 | 581 |
| Architects | | 32 | — | 90 | 5 | 39 | — | 10 | — | — | — | 26 | — | 59 | — | 30 | — |
| Computer specialists | | 2 692 | 487 | 16 985 | 2 641 | 1 859 | 297 | 519 | 88 | 541 | 81 | 5 310 | 820 | 5 597 | 955 | 1 485 | 362 |
| Computer programmers | | 1 444 | 288 | 8 839 | 1 762 | 1 261 | 245 | 252 | 57 | 317 | 55 | 3 369 | 637 | 3 398 | 773 | 889 | 294 |
| Computer systems analysts | | 1 079 | 183 | 6 937 | 818 | 525 | 43 | 232 | 31 | 206 | 16 | 1 564 | 161 | 1 867 | 170 | 505 | 68 |
| Computer specialists, n.e.c. | | 169 | 16 | 1 209 | 61 | 73 | 9 | 35 | — | 18 | 10 | 377 | 22 | 332 | 12 | 91 | — |
| Engineers | | 7 554 | 86 | 20 847 | 233 | 35 828 | 313 | 3 072 | 23 | 5 358 | 30 | 57 575 | 807 | 68 358 | 1 188 | 21 190 | 330 |
| Aeronautical and astronautical | | — | — | 23 | — | 113 | 6 | 5 | — | 5 | — | 517 | 11 | 202 | 14 | 74 | — |
| Chemical | | 106 | 3 | 249 | 15 | 549 | 5 | 37 | — | 87 | — | 1 056 | 11 | 1 056 | 11 | 189 | 5 |
| Civil | | 61 | — | 54 | — | 416 | 15 | 44 | — | 72 | — | 325 | 5 | 331 | 19 | 114 | — |
| Electrical and electronic | | 2 071 | 25 | 8 440 | 110 | 2 687 | 70 | 411 | 9 | 1 867 | 12 | 35 938 | 502 | 37 865 | 580 | 14 136 | 196 |
| Industrial | | 1 708 | — | 3 541 | 42 | 6 482 | 70 | 402 | — | 1 686 | 13 | 8 766 | 177 | 11 617 | 253 | 2 437 | 67 |
| Mechanical | | 1 602 | 24 | 3 245 | 23 | 13 262 | 130 | 1 464 | 8 | 790 | 5 | 5 245 | 38 | 6 013 | 40 | 1 654 | 18 |
| Metallurgical and materials | | 27 | — | 76 | — | 355 | 5 | 23 | — | 54 | — | 248 | — | 427 | — | 62 | — |
| Mining | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 5 | — |
| Petroleum | | — | — | 11 | — | 38 | — | — | — | — | — | 6 | — | 10 | — | 5 | — |
| Sales | | 96 | — | 341 | — | 4 344 | 31 | 305 | — | 168 | — | 831 | 9 | 3 938 | 24 | 1 073 | 10 |
| Engineers, n.e.c. | | 1 883 | 34 | 4 867 | 43 | 7 582 | 51 | 381 | 6 | 629 | — | 5 339 | 65 | 6 899 | 234 | 1 441 | 34 |
| Form management advisors | | — | — | 5 | — | 7 | — | 4 | — | — | — | 14 | — | 4 | — | — | — |
| Foresters and conservationists | | — | — | — | — | 4 | — | — | — | — | — | — | — | — | — | — | — |
| Home management advisors | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Lawyers and judges | | 133 | — | 160 | 6 | 191 | 5 | 156 | 4 | 44 | 4 | 398 | 5 | 440 | 10 | 236 | 16 |
| Judges | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Lawyers | | 133 | — | 160 | 6 | 191 | 5 | 156 | 4 | 44 | 4 | 398 | 5 | 440 | 10 | 236 | 16 |
| Librarians, archivists, and curators | | 13 | 23 | 71 | 4 | 38 | 4 | 4 | 27 | — | — | 19 | 199 | 30 | 161 | 6 | 70 |
| Librarians | | 13 | 23 | 62 | 99 | — | 32 | 4 | 27 | — | — | 14 | 196 | 22 | 157 | 6 | 70 |
| Archivists and curators | | — | — | 9 | — | — | 6 | — | — | — | — | 5 | 3 | 8 | — | — | — |
| Mathematical specialists | | 68 | 36 | 201 | 51 | 65 | 42 | 44 | — | 27 | 10 | 333 | 86 | 218 | 146 | 128 | 70 |
| Actuaries | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mathematicians | | 11 | 10 | 91 | 22 | 28 | — | 16 | — | — | — | 103 | 7 | 83 | 21 | 58 | 5 |
| Statisticians | | 57 | 26 | 110 | 29 | 37 | 42 | 28 | — | 27 | 10 | 230 | 55 | 135 | 118 | 70 | 65 |
| Life and physical scientists | | 336 | 36 | 646 | 44 | 741 | 48 | 136 | — | 112 | — | 972 | 123 | 2 116 | 228 | 523 | 63 |
| Agricultural | | — | — | — | — | — | — | — | — | — | — | 6 | — | — | — | — | — |
| Atmospheric and space | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Biological | | 5 | 9 | 5 | — | 5 | 10 | — | — | — | — | 16 | 5 | 40 | — | 17 | 6 |
| Chemists | | 261 | 22 | 320 | 33 | 622 | 38 | 72 | — | 92 | — | 429 | 60 | 1 234 | 179 | 197 | 14 |
| Geologists | | — | — | 4 | — | 6 | — | — | — | — | — | 15 | — | 16 | — | 10 | 5 |
| Marine | | 70 | 5 | 306 | 11 | 99 | — | 64 | — | 10 | — | 449 | 20 | 779 | 10 | 279 | 10 |
| Physicists and astronomers | | — | — | 6 | — | 4 | — | — | — | — | — | 15 | — | 4 | — | 4 | — |
| Life and physical, n.e.c. | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Operations and systems researchers and analysts | | 723 | 43 | 1 266 | 109 | 1 895 | 45 | 238 | — | 396 | 10 | 2 985 | 203 | 3 192 | 293 | 805 | 50 |
| Personnel and labor relations workers | | 878 | 100 | 1 735 | 323 | 2 485 | 337 | 230 | — | 682 | 79 | 3 215 | 650 | 4 125 | 1 001 | 1 057 | 244 |
| Physicians, dentists, and related practitioners | | 24 | — | 27 | — | 5 | — | — | — | 10 | — | 76 | 6 | 64 | 5 | 15 | 5 |
| Chiropractors | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Dentists | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Optometrists | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Pharmacists | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Physicians, medical and osteopathic | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Podiatrists | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Veterinarians | | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health practitioners, n.e.c. | | 16 | — | 27 | — | 5 | — | — | — | 10 | — | 66 | 6 | 44 | — | 5 | 5 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | | Manufacturing, durable goods—Con. | | | | | | | | | | | | | |
|--------------------------------|--------|-----------------------------------|--------|--------------------------------------|--------|-------------------------|---|----------------------|--------|--|--------|---|--------|---|--------|
| | | Machinery, except electrical—Con. | | | | | Electrical machinery, equipment, and supplies | | | | | | | | |
| Office and accounting machines | | Electronic computing equipment | | Machinery, except electrical, n.e.c. | | Not specified machinery | | Household appliances | | Radio, television, and communication equipment | | Electrical machinery, equipment, and supplies, n.e.c. | | Not specified electrical machinery, equipment, and supplies | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| 113 | 113 | 113 | 113 | 19 | 587 | 5 | 60 | 3 | 199 | — | 580 | 27 | 825 | — | 141 |
| — | — | — | — | 4 | — | — | — | — | — | — | — | — | — | — | 6 |
| 113 | 110 | 110 | 110 | 15 | 587 | 5 | 60 | 3 | 199 | — | 564 | 27 | 825 | — | 135 |
| 18 | 13 | 13 | 13 | 10 | 13 | — | — | 14 | — | — | 20 | 51 | 4 | 21 | — |
| 11 | — | — | — | 5 | 13 | — | — | 7 | — | — | 20 | 14 | 4 | 76 | — |
| — | — | — | — | — | — | — | — | — | — | — | — | 9 | — | — | — |
| 7 | — | — | — | 5 | — | — | — | 7 | — | — | — | 9 | — | 5 | — |
| — | — | — | — | — | — | — | — | — | — | — | — | 19 | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | 16 | — | — | — | 9 | — | — | — |
| — | — | — | — | — | — | — | — | 16 | — | — | — | — | — | — | — |
| 613 | 32 | 1 446 | 59 | 745 | 39 | 173 | 6 | 197 | 27 | 1 259 | 87 | 1 844 | 68 | 485 | 19 |
| 609 | 32 | 1 427 | 59 | 740 | 35 | 166 | 6 | 197 | 27 | 1 227 | 87 | 1 819 | 58 | 466 | 19 |
| 4 | — | — | — | 5 | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11 | — | — | — | 8 | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 386 | 72 | 732 | 129 | 97 | 33 | — | 9 | 39 | 18 | 441 | 295 | 309 | 255 | 92 | 30 |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 82 | 17 | 144 | 26 | 103 | 5 | 19 | 5 | 9 | 42 | 140 | 99 | 111 | 42 | 20 | 21 |
| 4 360 | 221 | 12 629 | 688 | 19 286 | 790 | 1 374 | 76 | 2 793 | 143 | 28 684 | 2 437 | 39 411 | 5 564 | 11 312 | 1 121 |
| 73 | — | 6 | 7 | 46 | 15 | 7 | 6 | 9 | — | 10 | 6 | 18 | — | 6 | 4 |
| 1 411 | 95 | 86 | 28 | 123 | 47 | 28 | 38 | 57 | — | 185 | 36 | 311 | 97 | 87 | 27 |
| 1 625 | 29 | 2 621 | 191 | 13 902 | 452 | 753 | 38 | 1 320 | 34 | 8 336 | 689 | 13 224 | 927 | 2 984 | 234 |
| 165 | 9 | 6 808 | 189 | 1 018 | 26 | 219 | 14 | 1 023 | 59 | 16 902 | 1 176 | 21 197 | 3 200 | 5 884 | 356 |
| 169 | 16 | 284 | 5 | 758 | 31 | 36 | 7 | 225 | 11 | 655 | 107 | 1 015 | 181 | 217 | 14 |
| — | — | 426 | 23 | 653 | 30 | 114 | 11 | 11 | 5 | 352 | 19 | 537 | 36 | 111 | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | 13 | — | 5 | — | 5 | — | 23 | — | 10 | — | — | — |
| 911 | 72 | 2 398 | 273 | 2 768 | 189 | 212 | — | 146 | 34 | 2 216 | 410 | 3 076 | 1 123 | 2 023 | 486 |
| 160 | 18 | 345 | 19 | 491 | 19 | 72 | 14 | 52 | 6 | 349 | 40 | 442 | 89 | 230 | 60 |
| 9 | — | 15 | — | 95 | — | 29 | — | 35 | — | 62 | — | 120 | 4 | 28 | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | 6 | — | — | — | — | — | — | — | — | — | — | — |
| 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 20 | 5 | 41 | 5 | 16 | 5 | 32 | 5 | 4 | — | 5 | — | 43 | — | 13 | 20 |
| 126 | — | 289 | 14 | 125 | 14 | 11 | 9 | 9 | 6 | 92 | 10 | 211 | 24 | 17 | 4 |
| 22 | 22 | 71 | 4 | 5 | — | — | — | 5 | — | 139 | 15 | 19 | 40 | 7 | 36 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| United States | | Manufacturing, durable goods - Con. | | | | | | | | | | | | | |
|--------------------------------|--------|-------------------------------------|--------|--------------------------------------|--------|-------------------------|---|----------------------|--------|--|--------|---|--------|---|--------|
| | | Machinery, except electrical - Con. | | | | | Electrical machinery, equipment, and supplies | | | | | | | | |
| Office and accounting machines | | Electronic computing equipment | | Machinery, except electrical, n.e.c. | | Not specified machinery | | Household appliances | | Radio, television, and communication equipment | | Electrical machinery, equipment, and supplies, n.e.c. | | Not specified electrical machinery, equipment, and supplies | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| 1 393 | 167 | 4 212 | 483 | 4 035 | 279 | 499 | 57 | 894 | 41 | 7 621 | 878 | 7 277 | 997 | 2 763 | 352 |
| 10 | — | 37 | — | 15 | — | — | — | — | — | 11 | — | 5 | 6 | 5 | — |
| 73 | 31 | 566 | 110 | 207 | — | 13 | — | 10 | — | 833 | 44 | 534 | 19 | 397 | 21 |
| 685 | 17 | 2 125 | 53 | 2 277 | 61 | 251 | 6 | 557 | 11 | 2 830 | 108 | 3 894 | 203 | 1 139 | 54 |
| 145 | 32 | 309 | 131 | 2 175 | 57 | 63 | 22 | 66 | — | 439 | 243 | 542 | 170 | 176 | 92 |
| 62 | 27 | 133 | 58 | 371 | 52 | 24 | 12 | 61 | 14 | 628 | 112 | 509 | 193 | 165 | 60 |
| 49 | — | 118 | 5 | 210 | 14 | 17 | 4 | 18 | — | 364 | 90 | 327 | 159 | 16 | 16 |
| 113 | 29 | 238 | 30 | 378 | 21 | 83 | 9 | 150 | 5 | 537 | 83 | 564 | 31 | 156 | 32 |
| 256 | 31 | 681 | 96 | 397 | 74 | 48 | 4 | 32 | — | 21 | — | 883 | 211 | 631 | 77 |
| 189 | 12 | 344 | 21 | 461 | 19 | 103 | 14 | 64 | 17 | 1 859 | 236 | 830 | 92 | 477 | 20 |
| 215 | 33 | 513 | 88 | 768 | 136 | 120 | 6 | 161 | 30 | 1 074 | 174 | 1 205 | 439 | 453 | 113 |
| 8 254 | 418 | 14 908 | 630 | 48 601 | 2 246 | 3 503 | 131 | 6 831 | 253 | 26 314 | 1 281 | 47 431 | 3 074 | 13 198 | 742 |
| 175 | 9 | 334 | 32 | 783 | 25 | 119 | — | 140 | — | 631 | 37 | 1 008 | 76 | 329 | 31 |
| 75 | 9 | 37 | 5 | 391 | 74 | 42 | — | 148 | 11 | 211 | 32 | 363 | 35 | 95 | 5 |
| — | — | — | — | — | — | — | — | — | — | 4 | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 259 | 153 | 21 | 66 | 1 313 | 612 | 133 | 26 | 192 | 24 | 274 | 96 | 695 | 496 | 111 | 101 |
| — | 5 | — | — | 13 | — | — | — | — | — | 14 | — | 15 | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 657 | 56 | 1 460 | 127 | 4 917 | 447 | 256 | 21 | 851 | 25 | 3 819 | 347 | 5 649 | 757 | 1 316 | 141 |
| 13 | — | 15 | — | 30 | 11 | — | 6 | — | 5 | 36 | 5 | 27 | 56 | 10 | 5 |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 1 162 | 5 | 1 435 | 5 | 5 634 | 106 | 388 | — | 1 208 | 23 | 1 601 | 39 | 5 204 | 125 | 1 395 | 48 |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 756 | 172 | 11 076 | 369 | 34 844 | 936 | 2 516 | 78 | 4 199 | 157 | 19 183 | 643 | 33 739 | 1 389 | 9 535 | 381 |
| 5 685 | 163 | 10 997 | 369 | 30 776 | 793 | 2 387 | 68 | 4 037 | 141 | 18 963 | 630 | 32 838 | 1 344 | 9 232 | 377 |
| 71 | 9 | 79 | — | 4 068 | 143 | 129 | 10 | 162 | 16 | 220 | 13 | 901 | 45 | 139 | 4 |
| 157 | 9 | 295 | 26 | 662 | 35 | 49 | — | 93 | 8 | 533 | 82 | 722 | 140 | 396 | 30 |
| 6 349 | 268 | 5 131 | 208 | 16 157 | 568 | 1 039 | 35 | 3 316 | 513 | 4 195 | 360 | 12 618 | 1 136 | 3 409 | 184 |
| 6 | 5 | 11 | 5 | 93 | 19 | 12 | — | 64 | 5 | 77 | 5 | 49 | 29 | 5 | — |
| 8 | 27 | 12 | 23 | 57 | 15 | 8 | — | 15 | 132 | 27 | — | 8 | 9 | 10 | 6 |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 283 | 195 | 4 942 | 124 | 15 617 | 484 | 1 001 | 23 | 3 138 | 325 | 3 719 | 201 | 12 060 | 771 | 3 254 | 123 |
| 52 | 41 | 166 | 56 | 390 | 50 | 18 | 12 | 99 | 51 | 372 | 154 | 501 | 327 | 140 | 55 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | | Manufacturing, durable goods—Con. | | | | | | | | | | | | | | | |
|---------------|--------|-----------------------------------|--------|--------------------------------|--------|--------------------------------------|--------|---|--------|----------------------|--------|--|--------|---|--------|---|--------|
| | | Machinery, except electrical—Con. | | | | | | Electrical machinery, equipment, and supplies | | | | | | | | | |
| | | Office and accounting machines | | Electronic computing equipment | | Machinery, except electrical, n.e.c. | | Not specified machinery | | Household appliances | | Radio, television, and communication equipment | | Electrical machinery, equipment, and supplies, n.e.c. | | Not specified electrical machinery, equipment, and supplies | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| 8 536 | 15 498 | 12 002 | 19 628 | 41 756 | 63 331 | 2 475 | 5 046 | 8 454 | 12 944 | 28 778 | 56 320 | 42 395 | 84 251 | 8 465 | 20 343 | | |
| 40 | 287 | 63 | 118 | 218 | 1 111 | 27 | 57 | 75 | 273 | 81 | 604 | 153 | 1 158 | 45 | 239 | | |
| 589 | 1 317 | 712 | 1 129 | 2 496 | 9 098 | 217 | 535 | 543 | 1 404 | 1 661 | 4 073 | 2 369 | 8 304 | 554 | 1 917 | | |
| 23 | 52 | 12 | 97 | 38 | 145 | 5 | 4 | 10 | 73 | 67 | 264 | 45 | 286 | 15 | 27 | | |
| 52 | 50 | 99 | 62 | 281 | 87 | 28 | 5 | 68 | 30 | 440 | 130 | 340 | 193 | 69 | 46 | | |
| 14 | 18 | 4 | 4 | 44 | 15 | 9 | — | 31 | 161 | 23 | 26 | 53 | 37 | 10 | 5 | | |
| 230 | 167 | 182 | 144 | 896 | 540 | 20 | 18 | 195 | 794 | 623 | 794 | 821 | 854 | 183 | 202 | | |
| 28 | 50 | 13 | 10 | 84 | 25 | — | — | 21 | 16 | 70 | 27 | 132 | 32 | 8 | 5 | | |
| 6 | 105 | 15 | 26 | 17 | 143 | 151 | 19 | 15 | 10 | 27 | 23 | 14 | 27 | 5 | 5 | | |
| 304 | 298 | 2 473 | 410 | 6 761 | 9 688 | 351 | 58 | 1 224 | 1 855 | 1 000 | 359 | 1 308 | 2 521 | 1 705 | 70 | | |
| 1 | 202 | 234 | 582 | 489 | 2 087 | 30 | 223 | 116 | 413 | 615 | 2 863 | 633 | 3 010 | 193 | 466 | | |
| 219 | 738 | 7 | 5 | 7 | 14 | 4 | 7 | 4 | — | 11 | 28 | 9 | 19 | 21 | 36 | | |
| 10 | 19 | 29 | 91 | — | — | — | — | — | — | 33 | 94 | — | 42 | — | — | | |
| 142 | 146 | 230 | 116 | 444 | 320 | 88 | 29 | 138 | 117 | 443 | 408 | 595 | 378 | 186 | 95 | | |
| 51 | 2 | 57 | — | 93 | 21 | 5 | 5 | 5 | 15 | 103 | 27 | 121 | 35 | 43 | — | | |
| 832 | 1 623 | 2 541 | 1 789 | 1 640 | 3 822 | 211 | 345 | 386 | 1 029 | 2 252 | 4 910 | 2 297 | 6 079 | 607 | 1 305 | | |
| 27 | 62 | 45 | 44 | 64 | 315 | 45 | 45 | 20 | 86 | 71 | 188 | 29 | 358 | 7 | 63 | | |
| 10 | 158 | 4 | 42 | 28 | 116 | — | — | 20 | 59 | 21 | 293 | 16 | 207 | — | 67 | | |
| 535 | 152 | 2 049 | 375 | 1 019 | 252 | 141 | 32 | 235 | 60 | 1 587 | 401 | 1 553 | 599 | 472 | 130 | | |
| 73 | 83 | 43 | 25 | 124 | 156 | 10 | 5 | 15 | 34 | 118 | 270 | 165 | 281 | 35 | 72 | | |
| 129 | 940 | 276 | 1 258 | 251 | 2 799 | 55 | 233 | 91 | 736 | 296 | 3 414 | 403 | 4 160 | 58 | 873 | | |
| 7 | 22 | 36 | 16 | 54 | 35 | — | — | 10 | 24 | 62 | 275 | 54 | 192 | 5 | 21 | | |
| 51 | 176 | 88 | 29 | 100 | 149 | 6 | 12 | 15 | 30 | 97 | 275 | 77 | 282 | 30 | 79 | | |
| 206 | 359 | 159 | 285 | 1 495 | 2 106 | 69 | 86 | 248 | 469 | 489 | 1 142 | 800 | 2 322 | 104 | 288 | | |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| 4 | 184 | 34 | 324 | 25 | 1 259 | — | — | 23 | 222 | 5 | 584 | 63 | 1 349 | 12 | 401 | | |
| 107 | 5 822 | 149 | 10 435 | 485 | 24 722 | 91 | 2 397 | 150 | 4 683 | 249 | 20 252 | 460 | 31 569 | 136 | 8 597 | | |
| — | 20 | 9 | 9 | 9 | 41 | — | — | 13 | 76 | 13 | 25 | — | 101 | — | 42 | | |
| 993 | 115 | 943 | 89 | 5 | 4 | 249 | 42 | 1 796 | 247 | 14 | 660 | 9 059 | 1 755 | 1 259 | 300 | | |
| 264 | 301 | 480 | 273 | 848 | 1 003 | 86 | 68 | 244 | 172 | 3 368 | 1 682 | 918 | 1 893 | 328 | 389 | | |
| 1 849 | 218 | 1 538 | 255 | 9 235 | 1 234 | 382 | 78 | 2 134 | 241 | 1 075 | 683 | 8 755 | 2 351 | 1 338 | 432 | | |
| — | — | — | 5 | 10 | 10 | — | — | — | — | — | 14 | 9 | 11 | — | 5 | | |
| 33 | 254 | 39 | 304 | 37 | 1 029 | — | — | 22 | 209 | 167 | 975 | 65 | 1 261 | 25 | 379 | | |
| 119 | 2 042 | 139 | 1 646 | 365 | 7 029 | 18 | 522 | 60 | 1 504 | 297 | 7 500 | 342 | 9 654 | 50 | 2 295 | | |
| 94 | 5 | 4 | 4 | 87 | 18 | 5 | — | 27 | — | 40 | 16 | 204 | 122 | 42 | 5 | | |
| 498 | 304 | 793 | 257 | 2 167 | 745 | 202 | 33 | 360 | 246 | 2 379 | 1 670 | 2 334 | 1 544 | 568 | 463 | | |
| 490 | 697 | 591 | 827 | 1 870 | 3 602 | 148 | 226 | 277 | 790 | 1 321 | 2 868 | 1 718 | 4 727 | 427 | 1 092 | | |
| 137 | 165 | 109 | 169 | 406 | 410 | 79 | 43 | 107 | 181 | 328 | 826 | 542 | 1 453 | 174 | 373 | | |
| 22 057 | 1 322 | 19 001 | 1 263 | 202 227 | 4 923 | 7 882 | 172 | 29 308 | 1 960 | 75 152 | 9 362 | 125 866 | 14 948 | 19 825 | 2 753 | | |
| — | — | — | 6 | 5 | 5 | — | — | 4 | — | 20 | 14 | — | — | — | — | | |
| — | — | 20 | 6 | 21 | 14 | 11 | — | 4 | — | 8 | — | 92 | 42 | — | 6 | | |
| 5 | — | — | — | 102 | — | 5 | — | — | — | 40 | — | 20 | 4 | — | 10 | | |
| 5 | — | 12 | 6 | 169 | — | 12 | — | 24 | 5 | — | — | 49 | 7 | — | 4 | | |
| 5 | — | 12 | 6 | 34 | — | 4 | — | — | — | — | — | 12 | — | — | 12 | | |
| 5 | — | — | — | 323 | — | 5 | — | 49 | — | — | — | 99 | 9 | — | 16 | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | | Manufacturing, durable goods—Con. | | | | | | | | | | | | | | | |
|--|--------|-----------------------------------|--------|--------------------------------|--------|--------------------------------------|--------|---|--------|----------------------|--------|--|--------|---|--------|---|--------|
| | | Machinery, except electrical—Con. | | | | | | Electrical machinery, equipment, and supplies | | | | | | | | | |
| | | Office and accounting machines | | Electronic computing equipment | | Machinery, except electrical, n.e.c. | | Not specified machinery | | Household appliances | | Radio, television, and communication equipment | | Electrical machinery, equipment, and supplies, n.e.c. | | Not specified electrical machinery, equipment, and supplies | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Craftsmen and kindred workers—Continued | | | | | | | | | | | | | | | | | |
| 16 | — | — | — | 63 | 5 | — | — | 8 | — | 6 | — | 16 | 5 | 36 | 5 | 11 | 6 |
| 104 | — | 26 | 139 | 275 | 6 | — | — | 13 | — | 65 | 6 | 356 | 62 | 83 | 30 | 29 | 10 |
| — | — | — | — | 1 773 | 15 | — | — | 99 | — | 366 | 23 | — | — | 1 264 | 19 | 218 | — |
| — | — | — | — | 26 | — | — | — | — | — | — | — | — | — | 13 | — | — | — |
| — | — | — | — | 14 | — | — | — | 5 | — | 6 | 4 | — | — | 39 | — | 4 | — |
| 75 | 21 | 120 | 24 | 443 | 121 | 14 | 14 | 21 | 14 | 85 | 11 | 243 | 119 | 360 | 490 | 74 | 71 |
| 22 | — | 16 | 4 | 2 718 | 47 | 7 | 7 | 109 | 7 | 276 | 5 | 207 | 13 | 1 554 | 25 | 104 | 2 |
| 6 | — | — | — | — | — | — | — | 6 | — | 5 | 6 | — | — | 4 | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | 6 | — | — | — |
| 338 | 48 | 455 | 81 | 5 694 | 90 | 5 | 5 | 259 | 5 | 1 313 | 64 | 3 093 | 865 | 7 748 | 672 | 1 302 | 253 |
| — | — | — | — | 51 | 5 | — | — | — | — | 6 | 5 | 85 | 44 | 79 | 70 | 25 | 5 |
| 108 | 83 | 24 | 12 | 244 | 27 | 5 | 5 | 11 | 5 | 6 | 15 | 95 | 26 | 20 | 4 | 49 | 21 |
| 4 | 4 | 5 | — | 110 | 11 | — | — | 8 | — | 11 | 4 | 11 | — | 102 | 179 | — | — |
| 4 | 4 | 6 | — | 46 | — | — | — | — | — | 11 | 4 | 20 | — | 68 | 14 | — | — |
| 3 748 | 268 | 4 771 | 521 | 39 516 | 984 | 50 | 50 | 1 509 | 50 | 7 787 | 383 | 20 886 | 2 467 | 40 019 | 5 375 | 6 710 | 5 |
| 8 | — | 21 | 8 | 484 | 14 | — | — | 42 | — | 19 | 6 | 51 | 8 | 241 | 39 | 12 | 1 066 |
| 9 | 12 | — | — | 5 | 10 | — | — | — | — | 10 | — | 75 | 22 | 28 | 11 | 7 | — |
| — | — | — | — | — | — | — | — | — | — | — | — | 4 | — | 24 | — | — | — |
| — | — | — | — | 20 | — | — | — | — | — | — | — | 6 | — | 11 | — | — | — |
| 159 | 5 | 14 | — | 1 789 | 44 | — | — | 129 | — | 128 | — | 112 | 26 | 507 | 72 | 55 | 6 |
| — | — | 7 | — | 14 | — | — | — | — | — | — | — | — | — | 20 | 5 | — | — |
| 36 | 16 | 34 | 8 | 429 | 32 | 5 | 5 | 37 | 5 | 59 | 8 | 248 | 66 | 208 | 90 | 14 | 3 |
| — | — | — | — | 13 | 5 | — | — | 5 | — | 4 | 4 | 31 | 4 | 18 | 24 | 6 | 6 |
| 1 537 | 137 | 333 | 19 | 10 746 | 212 | 4 | 4 | 359 | 4 | 2 259 | 57 | 2 978 | 266 | 9 096 | 514 | 712 | 62 |
| — | — | — | — | 11 | — | — | — | — | — | — | — | 5 | — | — | — | — | — |
| 4 | — | — | — | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 1 479 | 103 | 1 614 | 49 | 68 811 | 1 585 | 31 | 31 | 2 347 | 31 | 1 556 | 160 | 4 810 | 252 | 14 487 | 986 | 2 370 | 105 |
| 10 743 | 433 | 8 457 | 352 | 27 738 | 682 | 22 | 22 | 1 187 | 22 | 8 151 | 626 | 11 439 | 2 435 | 21 742 | 2 597 | 3 423 | 461 |
| 17 | — | 90 | — | 2 860 | 62 | — | — | 10 | — | 1 558 | 26 | 295 | 43 | 427 | 33 | 91 | 11 |
| 15 | — | 12 | — | 190 | 10 | — | — | 5 | — | 12 | — | 259 | 43 | 156 | 45 | 43 | 9 |
| — | — | — | — | 44 | — | — | — | — | — | — | — | 5 | — | 5 | — | — | — |
| 41 | — | 90 | — | 1 399 | 138 | — | — | 26 | — | 138 | 9 | 209 | 16 | 632 | 197 | 160 | 9 |
| 1 529 | 22 | 6 174 | 168 | 120 | 12 | — | — | 145 | — | 9 | — | 472 | 38 | 533 | 20 | 167 | 19 |
| 5 | 6 | 8 | — | 100 | — | — | — | 6 | — | 13 | — | 10 | — | 65 | — | 6 | 6 |
| 2 917 | 92 | 1 004 | 46 | 18 495 | 275 | 11 | 11 | 791 | 11 | 3 061 | 105 | 3 689 | 267 | 13 312 | 842 | 1 341 | 89 |
| 72 | — | 4 | — | 537 | 9 | — | — | 15 | — | 2 300 | 331 | 123 | 19 | — | 120 | 54 | 25 |
| — | — | — | — | 65 | 6 | — | — | — | — | — | — | — | — | 4 | — | 7 | — |
| 4 993 | 219 | 308 | 10 | 103 | — | — | — | 31 | — | 3 | — | 94 | 5 | 145 | 10 | 14 | 5 |
| 126 | 10 | 116 | 18 | 120 | 19 | 6 | 6 | 22 | 6 | 125 | 22 | 3 808 | 1 426 | 1 415 | 321 | 819 | 112 |
| — | — | — | — | 42 | — | — | — | 6 | — | 15 | — | 6 | — | — | — | — | — |
| 530 | 41 | 187 | 50 | 1 832 | 104 | — | — | 45 | — | 444 | 99 | 1 049 | 330 | 2 720 | 587 | 280 | 124 |
| 493 | 43 | 464 | 60 | 1 831 | 47 | 5 | 5 | 85 | 5 | 473 | 34 | 1 429 | 287 | 1 945 | 422 | 441 | 58 |
| — | — | — | — | 14 | — | — | — | — | — | — | — | — | — | — | 4 | — | — |
| 117 | — | 42 | 4 | 2 674 | 23 | — | — | 145 | — | 462 | — | 683 | 9 | 1 453 | 30 | 163 | — |
| 148 | 31 | 30 | 33 | 3 679 | 172 | 11 | 11 | 104 | 11 | 528 | 325 | 541 | 372 | 2 497 | 1 703 | 183 | 213 |
| — | — | 5 | — | 5 | — | — | — | — | — | — | — | — | — | 10 | — | — | — |
| 14 | — | 10 | — | 47 | — | — | — | — | — | 3 | — | 109 | 16 | 62 | 17 | 5 | — |
| 115 | 16 | 78 | 6 | 1 762 | 76 | 3 | 3 | 63 | 3 | 683 | 101 | 479 | 130 | 1 418 | 310 | 162 | 34 |
| — | — | — | — | 4 | — | — | — | 7 | — | — | — | 4 | — | — | — | — | — |
| 471 | 6 | 287 | 14 | 3 515 | 50 | — | — | 119 | — | 584 | 42 | 1 634 | 278 | 2 093 | 87 | 471 | 34 |
| 21 | — | 28 | — | 142 | 13 | — | — | 4 | — | 9 | — | 44 | 10 | 84 | 37 | 2 | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | 5 | — | 12 | — | — | — | — | — | 4 | — | 7 | — | 6 | 11 | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | | Manufacturing, durable goods—Con. | | | | | | | | | | Electrical machinery, equipment, and supplies | | | | | | | | | |
|--|--------|-----------------------------------|--------|---------|--------|-------|-------------------------|-------|--------|--------|--------|---|---------|--|--------|---|--------|---|--------|------|--------|
| | | Machinery, except electrical—Con. | | | | | Not specified machinery | | | | | Household appliances | | Radio, television, and communication equipment | | Electrical machinery, equipment, and supplies, n.e.c. | | Not specified electrical machinery, equipment, and supplies | | | |
| | | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Craftsmen and kindred workers—Continued | | | | | | | | | | | | | | | | | | | | | |
| 128 | 6 | 105 | — | 2 904 | 32 | — | 134 | — | 520 | 6 | 8 | 1 578 | 9 | 189 | 15 | | | | | | |
| 4 | — | 6 | — | 61 | — | 5 | — | 12 | — | — | — | 64 | — | 11 | — | | | | | | |
| 96 | 26 | 191 | 27 | 496 | 61 | 9 | 9 | 70 | 23 | — | — | 379 | — | 92 | 26 | | | | | | |
| 37 | — | — | — | 144 | 38 | 6 | — | 29 | 5 | — | — | 183 | 216 | 11 | 24 | | | | | | |
| — | — | — | — | 13 | — | — | — | — | — | — | — | — | — | — | — | | | | | | |
| 197 | 5 | 264 | 6 | 5 872 | 113 | — | 111 | — | 778 | 3 | — | 2 782 | 71 | 513 | 34 | | | | | | |
| — | — | — | — | 14 | — | — | — | — | — | — | — | — | — | — | — | | | | | | |
| — | — | — | — | 11 | — | — | — | — | — | — | — | — | — | — | — | | | | | | |
| — | — | — | — | 9 | — | — | — | — | — | — | — | — | — | — | — | | | | | | |
| 128 | 4 | 509 | 5 | 991 | 50 | — | 113 | — | 312 | 9 | — | 1 138 | 108 | 358 | 16 | | | | | | |
| 8 | — | 11 | — | 380 | 4 | — | 10 | — | 22 | — | — | 158 | 5 | 23 | 5 | | | | | | |
| 16 | — | 23 | — | 74 | — | — | — | — | 12 | — | — | 415 | 115 | 660 | 116 | | | | | | |
| — | — | — | — | — | — | — | — | — | 5 | — | — | 10 | 6 | 45 | 12 | | | | | | |
| 1 832 | 23 | 949 | 21 | 15 211 | 257 | — | 627 | 5 | 2 672 | 24 | — | 11 200 | 447 | 1 357 | 61 | | | | | | |
| 7 | — | — | — | 27 | — | — | 4 | — | 20 | — | — | 10 | — | 5 | 5 | | | | | | |
| 25 | 47 | 28 | 45 | 839 | 10 | — | 53 | — | 68 | 22 | — | 639 | 164 | 69 | 45 | | | | | | |
| 183 | 5 | 337 | — | 1 635 | 54 | — | 164 | 6 | 313 | 25 | — | 1 556 | 99 | 327 | 19 | | | | | | |
| 23 733 | 17 040 | 16 324 | 22 439 | 263 281 | 53 931 | 1 809 | 9 118 | 1 809 | 63 379 | 33 453 | 68 092 | 178 337 | 269 720 | 20 856 | 41 485 | | | | | | |
| 6 074 | 8 672 | 4 488 | 13 060 | 41 353 | 16 837 | 550 | 1 582 | 550 | 21 856 | 17 629 | 12 532 | 36 305 | 104 338 | 4 562 | 19 989 | | | | | | |
| 6 | — | 27 | 15 | 88 | 48 | — | — | — | — | — | — | 38 | 209 | 6 | 21 | | | | | | |
| 3 818 | 2 228 | 4 763 | 3 260 | 22 274 | 9 615 | 304 | 703 | 304 | 6 771 | 3 381 | 18 734 | 26 710 | 44 039 | 4 659 | 6 527 | | | | | | |
| 5 | — | 5 | — | 43 | — | 4 | — | — | — | — | — | 15 | 15 | — | — | | | | | | |
| 195 | 35 | 85 | 73 | 2 881 | 388 | 78 | 78 | 78 | 565 | 126 | 515 | 2 474 | 1 686 | 200 | 92 | | | | | | |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | | | | |
| 27 | 14 | 36 | 37 | 1 492 | 255 | 38 | 38 | 38 | 142 | 54 | 85 | 394 | 356 | 16 | 69 | | | | | | |
| 6 | — | 6 | — | 63 | — | 6 | — | — | — | — | — | 25 | 6 | — | — | | | | | | |
| 528 | 145 | 161 | 102 | 3 541 | 736 | 62 | 62 | 62 | 22 | 5 | 31 | 1 801 | 1 237 | 9 | 141 | | | | | | |
| 96 | — | 36 | 7 | 2 027 | 92 | 111 | 111 | 111 | 235 | 32 | 175 | 1 545 | 622 | 120 | 46 | | | | | | |
| — | — | — | — | 33 | — | — | — | — | 9 | — | — | 10 | — | — | — | | | | | | |
| 20 | 17 | 9 | 51 | 158 | 89 | 4 | 4 | 4 | 59 | 42 | 61 | 99 | 489 | 31 | 82 | | | | | | |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | | | | |
| 5 | — | 4 | — | 117 | 10 | — | — | — | 10 | 8 | 5 | 53 | 45 | 12 | 12 | | | | | | |
| — | — | — | — | 10 | 5 | — | — | — | 12 | 7 | 6 | 28 | 18 | 3 | — | | | | | | |
| 10 | 6 | — | — | 160 | — | — | — | — | 5 | — | 6 | 32 | 4 | — | — | | | | | | |
| 427 | 11 | 354 | 68 | 986 | 68 | 64 | 64 | 64 | 360 | 32 | 1 093 | 2 829 | 706 | 469 | 83 | | | | | | |
| — | — | — | — | — | 4 | — | — | — | 5 | — | 5 | 4 | — | — | — | | | | | | |
| 74 | 10 | 4 | 8 | 406 | 4 | — | — | — | 200 | 27 | 186 | 1 012 | 128 | 52 | 28 | | | | | | |
| 27 | — | 20 | — | 653 | 80 | 23 | 23 | 23 | 191 | 15 | 34 | 417 | 50 | 31 | 4 | | | | | | |
| 581 | 387 | 280 | 186 | 4 206 | 2 314 | 146 | 146 | 146 | 1 561 | 1 222 | 1 917 | 4 759 | 7 559 | 387 | 591 | | | | | | |
| 360 | 38 | 212 | 47 | 4 135 | 240 | 175 | 175 | 175 | 2 442 | 310 | 1 148 | 3 618 | 1 317 | 231 | 115 | | | | | | |
| 91 | 62 | 153 | 99 | 388 | 395 | 9 | 9 | 9 | 47 | 36 | 325 | 466 | 602 | 75 | 161 | | | | | | |
| 3 438 | 802 | 295 | 77 | 77 158 | 6 458 | 2 051 | 2 051 | 2 051 | 3 169 | 440 | 4 097 | 16 184 | 4 038 | 1 569 | 380 | | | | | | |
| 1 | 910 | 153 | 202 | 20 096 | 2 133 | 359 | 359 | 359 | 599 | 186 | 4 970 | 3 262 | 1 172 | 335 | 160 | | | | | | |
| 95 | 584 | 431 | 62 | 20 656 | 1 251 | 592 | 592 | 592 | 1 148 | 71 | 910 | 6 740 | 1 961 | 325 | 34 | | | | | | |
| 612 | 66 | 474 | 71 | 29 125 | 1 229 | 810 | 810 | 810 | 1 726 | 84 | 1 394 | 6 437 | 822 | 638 | 135 | | | | | | |
| 901 | 57 | 136 | 9 | 17 281 | 1 845 | 290 | 290 | 290 | 696 | 99 | 823 | 2 437 | 591 | 271 | 51 | | | | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | | Manufacturing, durable goods—Con. | | | | | | | | | | | | | | | | |
|---|--------|-----------------------------------|--------|--------------------------------|--------|--------------------------------------|---|-------------------------|--------|----------------------|--------|--|--------|---|--------|---|--------|--|
| | | Machinery, except electrical—Con. | | | | | Electrical machinery, equipment, and supplies | | | | | | | | | | | |
| | | Office and accounting machines | | Electronic computing equipment | | Machinery, except electrical, n.e.c. | | Not specified machinery | | Household appliances | | Radio, television, and communication equipment | | Electrical machinery, equipment, and supplies | | Not specified electrical machinery, equipment, and supplies | | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Operatives, except transport—Continued | | | | | | | | | | | | | | | | | | |
| Punch and stamping press operatives | | | | | | | | | | | | | | | | | | |
| 1 128 | 638 | 314 | 162 | 8 114 | 2 323 | 174 | 93 | 4 864 | 1 261 | 2 148 | 2 171 | 7 662 | 5 652 | 622 | 509 | | | |
| 239 | 411 | 10 | 44 | 180 | 270 | | | 104 | 231 | 78 | 490 | 180 | 953 | 22 | 77 | | | |
| Riveters and fasteners | | | | | | | | | | | | | | | | | | |
| | | | | 20 | 46 | 62 | | 10 | 5 | | | 6 | 6 | | | | | |
| Sailors and deckhands | | | | | | | | | | | | | | | | | | |
| | | 10 | | 1 278 | 46 | | | 73 | 10 | 151 | 35 | 620 | 201 | 48 | 8 | | | |
| 67 | 47 | 12 | | 1 170 | 523 | | | 93 | 573 | 28 | 95 | 97 | 459 | 10 | 27 | | | |
| Sawyers | | | | | | | | | | | | | | | | | | |
| 11 | | | | 10 | | 5 | | 11 | | 6 | 45 | 26 | | | | | | |
| Sewers and stitchers | | | | | | | | | | | | | | | | | | |
| 48 | 480 | 90 | 1 599 | 529 | 535 | 5 | | 213 | 348 | 565 | 8 547 | 814 | 9 319 | 189 | 2 932 | | | |
| 92 | | 62 | | 557 | 5 | 13 | 9 | 229 | 5 | 319 | 43 | 938 | 122 | 94 | 9 | | | |
| Stationary firemen | | | | | | | | | | | | | | | | | | |
| Textile operatives | | | | | | | | | | | | | | | | | | |
| Carding, lapping, and combing operatives | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Knitters, loopers, and floggers | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Spinners, twistors, and winders | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Weavers | | | | | | | | | | | | | | | | | | |
| Textile operatives, n.e.c. | | | | | | | | | | | | | | | | | | |
| 695 | 222 | 415 | 178 | 31 123 | 1 624 | 1 170 | 69 | 5 208 | 1 032 | 1 807 | 1 978 | 10 897 | 7 633 | 966 | 894 | | | |
| 29 | 78 | 23 | 246 | 492 | 333 | 23 | | 227 | 624 | 711 | 4 106 | 6 452 | 13 784 | 260 | 1 221 | | | |
| Winding operatives, n.e.c. | | | | | | | | | | | | | | | | | | |
| 1 730 | 709 | 896 | 897 | 16 511 | 3 599 | 575 | 70 | 4 336 | 1 996 | 6 280 | 8 546 | 17 719 | 26 635 | 1 623 | 2 301 | | | |
| 2 151 | 1 000 | 1 166 | 431 | 24 501 | 4 124 | 1 396 | 268 | 3 801 | 1 748 | 4 716 | 4 450 | 14 591 | 14 694 | 1 833 | 1 582 | | | |
| Machine operatives, miscellaneous specified | | | | | | | | | | | | | | | | | | |
| 838 | 475 | 807 | 982 | 10 040 | 1 512 | 398 | 55 | 2 182 | 1 038 | 6 152 | 10 596 | 12 158 | 13 459 | 1 408 | 1 953 | | | |
| 824 | 483 | 506 | 487 | 6 359 | 1 102 | 275 | 58 | 2 144 | 851 | 2 801 | 5 774 | 6 356 | 8 041 | 893 | 1 397 | | | |
| 93 | 70 | 115 | 105 | 1 066 | 239 | 66 | 12 | 296 | 140 | 559 | 578 | 907 | 1 162 | 222 | 234 | | | |
| Operatives, except transport—allocated | | | | | | | | | | | | | | | | | | |
| 852 | 32 | 523 | 14 | 11 132 | 126 | 485 | 16 | 4 237 | 61 | 3 095 | 153 | 8 453 | 321 | 1 064 | 39 | | | |
| Transport equipment operatives | | | | | | | | | | | | | | | | | | |
| Bus drivers | | | | | | | | | | | | | | | | | | |
| | | | | 11 | | | | | | 10 | | | | 14 | | | | |
| Conductors and motormen, urban rail transit | | | | | | | | | | | | | | | | | | |
| 6 | | | | 5 | | | | | | 19 | | | | | | | | |
| Deliverymen and routemen | | | | | | | | | | | | | | | | | | |
| 131 | | 147 | | 1 280 | 40 | 75 | 5 | 338 | 6 | 326 | 25 | 961 | 17 | 192 | 12 | | | |
| 316 | 7 | 168 | 3 | 4 537 | 53 | 175 | | 2 469 | 33 | 1 142 | 57 | 3 493 | 165 | 248 | | | | |
| Motormen; mine, factory, logging camp, etc. | | | | | | | | | | | | | | | | | | |
| | | | | 27 | 4 | | | 16 | | 6 | 4 | | | 11 | | | | |
| Parking attendants | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| Railroad brakemen | | | | | | | | | | | | | | | | | | |
| 10 | | | | 34 | | | | 10 | | 8 | 2 | | | | | | | |
| Railroad switchmen | | | | | | | | | | | | | | | | | | |
| | | 5 | | 5 | | | | | | 12 | 28 | 5 | 12 | | | | | |
| Taxicab drivers and chauffeurs | | | | | | | | | | | | | | | | | | |
| 43 | | 14 | | 175 | 4 | 13 | | 108 | | 152 | 7 | 239 | 7 | 83 | 13 | | | |
| 273 | 19 | 151 | 6 | 4 697 | 27 | 180 | 11 | 1 242 | 13 | 1 207 | 26 | 3 411 | 56 | 447 | 9 | | | |
| 73 | | 43 | | 361 | | 36 | | 48 | | 213 | 64 | 287 | 17 | 64 | 5 | | | |
| Transport equipment operatives—allocated | | | | | | | | | | | | | | | | | | |
| 1 581 | 267 | 856 | 302 | 16 855 | 1 485 | 620 | 26 | 5 351 | 667 | 6 104 | 2 257 | 15 587 | 6 345 | 1 615 | 667 | | | |
| Laborers, except farm | | | | | | | | | | | | | | | | | | |
| Animal caretakers, except farm | | | | | | | | | | | | | | | | | | |
| 5 | | | | 40 | | | | 4 | | 22 | 5 | 5 | 5 | | | | | |
| Carpenters' helpers | | | | | | | | | | | | | | | | | | |
| 5 | | 42 | 4 | 454 | 34 | 15 | | 39 | 9 | 104 | 48 | 429 | 72 | 97 | 38 | | | |
| Construction laborers, except carpenters' helpers | | | | | | | | | | | | | | | | | | |
| | | | | 6 | | | | | | 4 | 5 | 20 | | | | | | |
| Fishermen and oystermen | | | | | | | | | | | | | | | | | | |
| 493 | 87 | 272 | 106 | 3 876 | 295 | 158 | 6 | 2 317 | 211 | 2 476 | 619 | 5 171 | 2 547 | 454 | 188 | | | |
| Freight and material handlers | | | | | | | | | | | | | | | | | | |
| | | 10 | | 17 | | | | | | | | | | | | | | |
| Garbage collectors | | | | | | | | | | | | | | | | | | |
| 31 | 14 | 24 | 26 | 239 | 9 | 15 | | 39 | | 113 | 109 | 290 | 145 | 53 | 27 | | | |
| Gardeners and groundskeepers, except farm | | | | | | | | | | | | | | | | | | |
| | | | | 15 | | | | 5 | | | | 5 | | | | | | |
| Longshoremen and stevedores | | | | | | | | | | | | | | | | | | |
| 5 | | | | 23 | 6 | 5 | | | | 38 | | 24 | 6 | 6 | | | | |
| Lumbermen, raftsmen, and woodchoppers | | | | | | | | | | | | | | | | | | |
| Stock handlers | | | | | | | | | | | | | | | | | | |
| 478 | 58 | 222 | 51 | 2 730 | 304 | 74 | 16 | 731 | 60 | 1 497 | 485 | 2 740 | 731 | 276 | 77 | | | |
| Teamsters | | | | | | | | | | | | | | | | | | |
| | | 6 | | 32 | | | | 48 | | 5 | | 45 | | | | | | |
| Vehicle washers and equipment cleaners | | | | | | | | | | | | | | | | | | |
| 83 | 12 | 26 | 24 | 1 199 | 112 | 64 | | 183 | 28 | 174 | 126 | 669 | 349 | 46 | 34 | | | |
| Warehousemen, n.e.c. | | | | | | | | | | | | | | | | | | |
| 55 | | 55 | | 410 | 10 | 24 | | 173 | 38 | 534 | 35 | 622 | 21 | 146 | 11 | | | |
| Miscellaneous laborers | | | | | | | | | | | | | | | | | | |
| 79 | 20 | 22 | 6 | 1 799 | 138 | 40 | | 307 | 38 | 136 | 132 | 1 005 | 482 | 95 | 26 | | | |
| 325 | 65 | 137 | 85 | 5 611 | 567 | 170 | 4 | 1 389 | 296 | 856 | 653 | 4 073 | 1 929 | 390 | 238 | | | |
| 22 | | 40 | | 404 | 10 | 55 | | 116 | 15 | 145 | 40 | 448 | 44 | 52 | 23 | | | |
| Laborers, except farm—allocated | | | | | | | | | | | | | | | | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

Data based on 20-percent sample, see text. For meaning of symbols, see text

| | | Manufacturing, durable goods—Con. | | | | | | | | | | | | | | |
|--|--------|-----------------------------------|--------|--------------------------------------|--------|-------------------------|---|----------------------|--------|--|--------|---|--------|---|--------|--|
| | | Machinery, except electrical—Con. | | | | | Electrical machinery, equipment, and supplies | | | | | | | | | |
| Office and accounting machines | | Electronic computing equipment | | Machinery, except electrical, n.e.c. | | Not specified machinery | | Household appliances | | Radio, television, and communication equipment | | Electrical machinery, equipment, and supplies, n.e.c. | | Not specified electrical machinery, equipment, and supplies | | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| United States | | | | | | | | | | | | | | | | |
| Farmers and farm managers | | | | | | | | | | | | | | | | |
| Farm laborers and farm foremen | | | | | | | | | | | | | | | | |
| Farm foremen | | | | | | | | | | | | | | | | |
| Farm laborers, wage workers | | | | | | | | | | | | | | | | |
| Farm laborers, unpaid family workers | | | | | | | | | | | | | | | | |
| Farm service laborers, self-employed | | | | | | | | | | | | | | | | |
| Farm laborers and farm foremen—allocated | | | | | | | | | | | | | | | | |
| Service workers, except private household | | | | | | | | | | | | | | | | |
| Cleaning service workers | | | | | | | | | | | | | | | | |
| Chambermaids and maids, except private household | | | | | | | | | | | | | | | | |
| Cleaners and charwomen | | | | | | | | | | | | | | | | |
| Janitors and sextons | | | | | | | | | | | | | | | | |
| Food service workers | | | | | | | | | | | | | | | | |
| Bar-tenders | | | | | | | | | | | | | | | | |
| Busboys | | | | | | | | | | | | | | | | |
| Cooks, except private household | | | | | | | | | | | | | | | | |
| Dishwashers | | | | | | | | | | | | | | | | |
| Food counter and fountain workers | | | | | | | | | | | | | | | | |
| Waiters | | | | | | | | | | | | | | | | |
| Food service workers, n.e.c., except private household | | | | | | | | | | | | | | | | |
| Health service workers | | | | | | | | | | | | | | | | |
| Dental assistants | | | | | | | | | | | | | | | | |
| Health aides, except nursing | | | | | | | | | | | | | | | | |
| Health trainees | | | | | | | | | | | | | | | | |
| Lay midwives | | | | | | | | | | | | | | | | |
| Nursing aides, orderlies, and attendants | | | | | | | | | | | | | | | | |
| Practical nurses | | | | | | | | | | | | | | | | |
| Personal service workers | | | | | | | | | | | | | | | | |
| Airline stewardesses | | | | | | | | | | | | | | | | |
| Attendants, recreation and amusement | | | | | | | | | | | | | | | | |
| Attendants, personal service, n.e.c. | | | | | | | | | | | | | | | | |
| Baggage porters and bellhops | | | | | | | | | | | | | | | | |
| Barbers | | | | | | | | | | | | | | | | |
| Boarding and lodging house keepers | | | | | | | | | | | | | | | | |
| Boothkeepers | | | | | | | | | | | | | | | | |
| Child care workers, except private household | | | | | | | | | | | | | | | | |
| Elevator operators | | | | | | | | | | | | | | | | |
| Hairdressers and cosmetologists | | | | | | | | | | | | | | | | |
| Housekeepers, except private household | | | | | | | | | | | | | | | | |
| School monitors | | | | | | | | | | | | | | | | |
| Ushers, recreation and amusement | | | | | | | | | | | | | | | | |
| Welfare service aides | | | | | | | | | | | | | | | | |
| Protective service workers | | | | | | | | | | | | | | | | |
| Crossing guards and bridge tenders | | | | | | | | | | | | | | | | |
| Firemen, fire protection | | | | | | | | | | | | | | | | |
| Guards and watchmen | | | | | | | | | | | | | | | | |
| Marshals and constables | | | | | | | | | | | | | | | | |
| Policemen and detectives | | | | | | | | | | | | | | | | |
| Sheriffs and bailiffs | | | | | | | | | | | | | | | | |
| Service workers, except private household—allocated | | | | | | | | | | | | | | | | |
| Private household workers | | | | | | | | | | | | | | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| | Manufacturing, durable goods - Con. | | | | | | | | | | | | | | | |
|---|--|---------|--------------------|---------|--------------------------------------|--------|---|-------|------------------------------|--------|---|-------|--|--------|--------------------------------------|--------|
| | Transportation equipment | | | | | | Professional and photographic equipment and watches | | | | | | | | | |
| | Motor vehicles and motor vehicle equipment | | Aircraft and parts | | Ship and boat building and repairing | | Railroad locomotives and equipment | | Mobile dwellings and campers | | Cycles and miscellaneous transportation equipment | | Scientific and controlling instruments | | Optical and health services supplies | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Total employed, 16 years old and over | 884 239 | 128 068 | 591 706 | 114 443 | 238 417 | 20 933 | 47 813 | 4 927 | 71 432 | 11 419 | 20 655 | 4 828 | 78 240 | 40 185 | 70 120 | 53 673 |
| Professional, technical, and kindred workers | 76 852 | 3 832 | 173 721 | 9 738 | 26 367 | 1 426 | 4 693 | 286 | 1 847 | 264 | 1 620 | 84 | 22 306 | 1 450 | 13 620 | 2 342 |
| Accountants | 8 624 | 890 | 7 913 | 1 626 | 1 514 | 232 | 548 | 75 | 451 | 97 | 152 | 19 | 1 187 | 236 | 996 | 255 |
| Architects | 113 | 4 | 90 | 6 | 777 | 6 | 13 | — | 13 | — | 5 | — | 16 | — | 451 | 78 |
| Computer specialists | 3 211 | 377 | 7 255 | 1 214 | 612 | 147 | 129 | 22 | 11 | 6 | 30 | 10 | 756 | 97 | 451 | 78 |
| Computer programmers | 1 918 | 318 | 4 239 | 809 | 382 | 103 | 75 | 15 | 6 | 6 | 25 | 10 | 471 | 73 | 293 | 68 |
| Computer systems analysts | 1 145 | 47 | 2 369 | 314 | 213 | 44 | 41 | 7 | 6 | — | 5 | — | 295 | 15 | 130 | 10 |
| Computer specialists, n.e.c. | 148 | 12 | 647 | 91 | 17 | — | 13 | — | 5 | — | — | — | 50 | 9 | 28 | — |
| Engineers | 30 484 | 209 | 99 709 | 1 335 | 10 588 | 123 | 1 949 | 37 | 435 | 13 | 626 | — | 10 582 | 115 | 4 691 | 80 |
| Aeronautical and astronautical | 108 | — | 49 727 | 792 | 124 | — | 14 | — | — | — | 22 | — | 231 | — | 19 | 5 |
| Chemical | 329 | — | 807 | 17 | 61 | — | 11 | — | — | — | 7 | — | 68 | — | 124 | 6 |
| Civil | 429 | 5 | 2 334 | 5 | 361 | — | 45 | 13 | 33 | 4 | 9 | — | 47 | — | 34 | — |
| Electrical and electronic | 1 640 | 14 | 14 383 | 114 | 2 597 | 14 | 214 | — | 24 | — | 58 | — | 2 587 | 26 | 770 | 21 |
| Industrial | 8 897 | 69 | 12 971 | 228 | 1 688 | 38 | 448 | 4 | 184 | — | 110 | — | 2 050 | 33 | 1 162 | 15 |
| Mechanical | 15 085 | 91 | 12 666 | 79 | 4 421 | 66 | 462 | 11 | 59 | — | 342 | — | 1 447 | 9 | 764 | 19 |
| Metallurgical and materials | 559 | 11 | 1 369 | 9 | 191 | — | 38 | — | — | — | 20 | — | 108 | 7 | 26 | — |
| Mining | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 15 | — |
| Petroleum | — | — | 15 | — | — | — | — | — | — | — | — | — | 6 | — | — | — |
| Sales | 828 | 6 | 758 | 10 | 73 | — | 83 | 4 | 26 | — | 6 | — | 819 | 5 | 164 | — |
| Engineers, n.e.c. | 2 609 | 13 | 4 679 | 81 | 1 072 | 5 | 634 | 5 | 109 | 9 | 52 | — | 3 219 | 35 | 1 613 | 14 |
| Farm management advisors | — | — | 16 | — | 11 | — | — | — | — | — | — | — | — | — | — | — |
| Foresters and conservationists | 6 | — | 10 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Home management advisors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Lawyers and judges | 422 | — | 388 | — | 31 | — | 40 | — | — | — | 9 | — | 56 | — | 78 | — |
| Judges | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Lawyers | 422 | — | 388 | — | 31 | — | 40 | — | — | — | 9 | — | 56 | — | 78 | — |
| Librarians, archivists, and curators | 21 | 31 | 84 | 284 | 111 | 59 | — | — | — | — | — | — | — | 37 | 21 | — |
| Librarians | 16 | 31 | 75 | 284 | 111 | 59 | — | — | — | — | — | — | — | 37 | 21 | — |
| Archivists and curators | 5 | — | 9 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mathematical specialists | 529 | 62 | 715 | 427 | 43 | — | 13 | — | — | — | — | — | 37 | 33 | 15 | 21 |
| Actuaries | 4 | — | 16 | — | — | — | — | — | — | — | — | — | — | — | 5 | — |
| Mathematicians | 69 | 5 | 219 | 67 | 18 | — | 5 | — | — | — | — | — | 34 | 8 | — | — |
| Statisticians | 456 | 57 | 480 | 360 | 25 | — | 8 | — | — | — | — | — | 3 | 25 | 10 | 16 |
| Life and physical scientists | 909 | 32 | 2 068 | 111 | 456 | 10 | 48 | 4 | 5 | 5 | 12 | — | 478 | 35 | 600 | 95 |
| Agricultural | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Atmospheric and space | 6 | — | 104 | 8 | — | — | — | — | — | — | — | — | 22 | 9 | — | — |
| Biological | 11 | — | 52 | 10 | 5 | — | — | — | — | — | — | — | 10 | 11 | 59 | 37 |
| Chemists | 825 | 32 | 1 329 | 81 | 273 | 5 | 48 | 4 | 5 | 5 | 12 | — | 209 | 10 | 364 | 43 |
| Geologists | — | — | 17 | — | 9 | — | — | — | — | — | — | — | 26 | — | — | — |
| Marine | 10 | — | 20 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Physicists and astronomers | 57 | — | 530 | 12 | 154 | 5 | — | — | — | — | — | — | 136 | 5 | 177 | 10 |
| Life and physical, n.e.c. | — | — | 16 | — | 15 | — | — | — | — | — | — | — | 15 | — | — | — |
| Operations and systems researchers and analysts | 2 035 | 36 | 6 977 | 405 | 949 | 20 | 228 | 4 | 17 | — | 42 | 4 | 620 | 61 | 310 | 37 |
| Personnel and labor relations workers | 4 627 | 228 | 4 055 | 579 | 844 | 215 | 249 | 19 | 138 | 9 | 58 | 10 | 509 | 109 | 392 | 122 |
| Physicians, dentists, and related practitioners | 95 | 5 | 69 | 7 | 60 | — | 11 | — | 5 | — | — | — | 4 | — | 120 | 15 |
| Chiropractors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Dentists | — | — | 24 | — | 10 | — | — | — | — | — | — | — | — | — | 42 | 4 |
| Optometrists | 6 | — | 8 | — | 8 | — | — | — | — | — | — | — | — | — | 18 | 6 |
| Pharmacists | — | — | — | — | 6 | — | — | — | — | — | — | — | — | — | 9 | — |
| Physicians, medical and osteopathic | — | — | — | — | 36 | — | — | — | 5 | — | — | — | 4 | — | 46 | — |
| Podiatrists | 89 | 5 | 45 | 7 | 36 | — | 11 | — | — | — | — | — | — | — | — | — |
| Veterinarians | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health practitioners, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 5 | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

Manufacturing, durable goods—Cont.

| United States | Transportation equipment | | | | | | | | | | | | Professional and photographic equipment and watches | | | | |
|--|--|--------|--------------------|--------|--------------------------------------|--------|------------------------------------|--------|------------------------------|--------|---|--------|---|--------|--------------------------------------|--------|--|
| | Motor vehicles and motor vehicle equipment | | Aircraft and parts | | Ship and boat building and repairing | | Railroad locomotives and equipment | | Mobile dwellings and campers | | Cycles and miscellaneous transportation equipment | | Scientific and controlling instruments | | Optical and health services supplies | | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Registered nurses, dietitians, and kindred workers—Continued | | | | | | | | | | | | | | | | | |
| Dietitians | 31 | 1 191 | 30 | 653 | 25 | 136 | — | 66 | — | 39 | — | 15 | 5 | 98 | 32 | 109 | |
| Registered nurses | 27 | 1 188 | 25 | 649 | 21 | 136 | — | 66 | — | 39 | — | 10 | 5 | 94 | — | 109 | |
| Therapists | 4 | 3 | 5 | 24 | 4 | 14 | — | — | 5 | — | 5 | 5 | 35 | 12 | 10 | 135 | |
| Health technologists and technicians | 11 | 10 | 77 | 24 | 284 | 14 | — | — | — | — | — | — | 15 | 7 | 16 | 16 | |
| Clinical laboratory technologists and technicians | 6 | 5 | 19 | 24 | 14 | 10 | — | — | — | — | — | — | — | — | — | 10 | |
| Dental hygienists | — | — | — | — | — | 4 | — | — | — | — | — | — | — | — | — | — | |
| Health record technologists and technicians | — | — | 7 | 4 | 4 | 4 | — | — | — | — | 5 | — | — | — | — | — | |
| Radiologic technologists and technicians | — | 5 | 4 | 4 | 4 | 4 | — | — | — | — | — | — | — | — | — | — | |
| Therapy assistants | — | — | 4 | 4 | 4 | — | — | — | — | — | — | — | — | — | — | — | |
| Health technologists and technicians, n.e.c. | 5 | — | 50 | — | 262 | — | — | — | 5 | — | — | — | 20 | 5 | 1 396 | 109 | |
| Religious workers | 5 | 11 | 10 | — | 4 | 4 | — | — | — | — | 4 | — | — | — | — | — | |
| Clergymen | 5 | — | — | — | 4 | — | — | — | — | — | 4 | — | — | — | — | — | |
| Religious workers, n.e.c. | — | 11 | 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Social scientists | 1 799 | 61 | 1 566 | 53 | 138 | 11 | 56 | — | 14 | — | 19 | 6 | 246 | 16 | 342 | 19 | |
| Economists | 1 742 | 61 | 1 476 | 33 | 125 | 6 | 56 | — | 14 | — | 19 | 6 | 246 | 16 | 331 | 19 | |
| Political scientists | 5 | — | 4 | — | 9 | — | — | — | — | — | — | — | — | — | 5 | — | |
| Psychologists | 12 | — | 63 | — | 4 | — | — | — | — | — | — | — | — | — | — | — | |
| Sociologists | — | — | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Urban and regional planners | — | — | 14 | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Social scientists, n.e.c. | — | — | 5 | — | — | — | — | — | — | — | — | — | — | — | 6 | — | |
| Social and recreation workers | 15 | — | 40 | — | 5 | — | — | — | 7 | — | — | — | — | — | 6 | — | |
| Social | 15 | — | 15 | — | 5 | — | — | — | 7 | — | — | — | — | — | 6 | — | |
| Recreation | — | — | 25 | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Teachers, college and university | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Teachers, college and university | 312 | 17 | 479 | 29 | 264 | — | 16 | — | 13 | — | — | — | 37 | 11 | 16 | 12 | |
| Adult education teachers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Elementary and secondary school teachers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Prekindergarten and kindergarten teachers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Teachers, except college and university, n.e.c. | 110 | 17 | 314 | 15 | 50 | — | 5 | — | 5 | — | — | — | 31 | — | 20 | 12 | |
| Engineering and science technicians | 16 415 | 378 | 28 459 | 1 816 | 6 752 | 241 | 1 043 | 37 | 440 | 37 | 378 | — | 5 929 | 506 | 2 848 | 1 083 | |
| Agriculture and biological, except health | 11 | 6 | 91 | — | 4 | — | — | — | — | — | — | — | 34 | 7 | 9 | 10 | |
| Chemical | 180 | 16 | 327 | 10 | 36 | — | — | — | — | — | — | — | 34 | 4 | 105 | 34 | |
| Draftsmen | 9 080 | 161 | 9 367 | 687 | 3 520 | 117 | 748 | 20 | 383 | 26 | 270 | — | 2 168 | 213 | 945 | 44 | |
| Electrical and electronic engineering | 603 | 24 | 7 222 | 234 | 1 486 | 75 | 62 | 6 | 14 | 6 | 19 | — | 1 852 | 72 | 504 | 19 | |
| Industrial engineering | 781 | 41 | 2 288 | 148 | 1 195 | 5 | 40 | 6 | 6 | 6 | 5 | — | 1 62 | — | 67 | 93 | |
| Mechanical engineering | 2 835 | 13 | 2 129 | 27 | 84 | — | 6 | — | — | — | 11 | — | 140 | — | 89 | — | |
| Mathematical | 11 | — | 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Mathematical | — | — | 32 | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Surveyors | 15 | — | — | — | 112 | 6 | — | — | — | — | — | — | — | — | — | — | |
| Engineering and science, n.e.c. | 2 899 | 117 | 6 980 | 710 | 1 315 | 38 | 187 | 5 | 37 | — | 73 | — | 1 496 | 210 | 1 129 | 878 | |
| Technicians, except health, and engineering and science | 251 | 12 | 3 361 | 84 | 264 | 23 | 14 | 5 | 51 | 6 | 5 | — | 178 | 15 | 84 | 5 | |
| Airplane pilots | 109 | 6 | 911 | 31 | 16 | — | 5 | — | 51 | 6 | — | — | 17 | 6 | 11 | — | |
| Air traffic controllers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 5 | — | |
| Embalmers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Flight engineers | — | — | 1 493 | 6 | — | — | — | — | — | — | — | — | — | — | — | — | |
| Radio operators | — | 6 | 79 | 6 | 53 | — | — | — | — | — | — | — | — | — | — | — | |
| Radio operators | 81 | — | 350 | 24 | 19 | — | — | — | — | — | — | — | 37 | 6 | 5 | — | |
| Tool programmers, numerical control | 61 | — | 528 | 23 | 170 | 23 | 9 | — | — | — | 5 | — | 124 | 3 | 63 | 5 | |
| Technicians, n.e.c. | — | — | 27 | 4 | 19 | — | — | — | — | — | — | — | — | — | 9 | — | |
| Vocational and educational counselors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 — Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | Manufacturing, durable goods — Con. | | | | | | | | | | | | | | | |
|---|--|------|--------------------|-------|--------------------------------------|------|---|------|------------------------------|------|---|------|--|------|--------------------------------------|-----|
| | Transportation equipment | | | | | | Professional and photographic equipment and watches | | | | | | | | | |
| | Motor vehicles and motor vehicle equipment | | Aircraft and parts | | Ship and boat building and repairing | | Railroad locomotives and equipment | | Mobile dwellings and campers | | Cycles and miscellaneous transportation equipment | | Scientific and controlling instruments | | Optical and health services supplies | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Professional, technical, and kindred workers — Continued | | | | | | | | | | | | | | | | |
| Writers, artists, and entertainers | 5 579 | 147 | 7 478 | 865 | 2 301 | 161 | 264 | 17 | 167 | 49 | 219 | 20 | 1 334 | 189 | 748 | 186 |
| Actors | 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Athletes and kindred workers | 15 | — | 32 | — | 22 | 5 | — | — | — | — | 4 | — | 5 | — | 27 | 5 |
| Authors | 255 | — | 1 361 | 40 | 155 | 24 | 17 | — | — | — | 5 | — | 110 | 14 | — | — |
| Dancers | 5 | — | — | — | 11 | — | — | — | — | — | — | — | 6 | — | — | — |
| Designers | 2 940 | 26 | 706 | 33 | 1 752 | 52 | 159 | 5 | 119 | 42 | 132 | 6 | 675 | 30 | 414 | 38 |
| Editors and reporters | 156 | 18 | 721 | 168 | 81 | 55 | 5 | 4 | — | 7 | 6 | 4 | 81 | 48 | 46 | 46 |
| Musicians and composers | 11 | 10 | 18 | — | 4 | — | — | — | — | — | — | — | — | — | — | — |
| Painters and sculptors | 751 | 34 | 1 155 | 273 | 67 | 8 | 8 | 8 | — | — | 31 | — | 91 | 44 | 56 | 37 |
| Photographers | 184 | 10 | 740 | 58 | 86 | — | 20 | — | 48 | — | 11 | — | 53 | 9 | 29 | 24 |
| Public relations men and publicity writers | 579 | 11 | 461 | 50 | 38 | — | 28 | — | — | — | 11 | 10 | 97 | — | 120 | 24 |
| Radio and television announcers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Writers, artists, and entertainers, n.e.c. | 671 | 38 | 2 274 | 243 | 85 | 17 | 27 | — | — | — | 19 | — | 216 | 40 | 50 | 36 |
| Research workers, not specified | 419 | 17 | 1 074 | 68 | 82 | 19 | 19 | — | 19 | — | 5 | — | 182 | 7 | 332 | 28 |
| Professional, technical, and kindred workers — allocated | 864 | 97 | 1 457 | 139 | 283 | 28 | 61 | — | 51 | 3 | 51 | — | 138 | 73 | 118 | 24 |
| Managers and administrators, except farm | 25 988 | 792 | 31 856 | 1 229 | 8 185 | 460 | 1 549 | 29 | 5 671 | 274 | 1 467 | 91 | 7 827 | 541 | 8 443 | 681 |
| Assessors, controllers, and treasurers; local public administration | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Bank officers and financial managers | 624 | 13 | 954 | 75 | 145 | 24 | 23 | — | 94 | — | 26 | — | 104 | 5 | 127 | 16 |
| Buyers and shippers, farm products | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Buyers, wholesale and retail trade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Credit men | 154 | 12 | 38 | — | 30 | 6 | 9 | 5 | 16 | 6 | 24 | 10 | 53 | 17 | 75 | 14 |
| Funeral directors | 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health administrators | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Construction inspectors; public administration | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Inspectors, except construction; public administration | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Managers and superintendents, building | 44 | 3 | 43 | — | 19 | — | — | — | — | — | 5 | — | — | — | 5 | — |
| Office managers, n.e.c. | 612 | 145 | 304 | 153 | 208 | 54 | 21 | — | 125 | 85 | 34 | 24 | 159 | 60 | 174 | 134 |
| Officers, pilots, and pursers; ship | 19 | — | 38 | — | 233 | 6 | — | — | — | — | — | — | — | — | — | — |
| Officials and administrators; public administration, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Officials of lodges, societies, and unions | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Postmasters and mail superintendents | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Purchasing agents and buyers, n.e.c. | 3 544 | 198 | 5 966 | 403 | 1 031 | 169 | 287 | — | 953 | 64 | 184 | 21 | 977 | 189 | 639 | 150 |
| Railroad conductors | 39 | 27 | 21 | 5 | 10 | 9 | 6 | — | — | — | — | — | 14 | — | 4 | — |
| Restaurant, cafeteria, and bar managers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sales managers and department heads, retail trade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sales managers, except retail trade | 2 739 | 22 | 991 | 19 | 288 | 20 | 165 | — | 665 | 11 | 197 | 4 | 965 | 23 | 1 066 | 25 |
| School administrators, college | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| School administrators, elementary and secondary | 17 550 | 357 | 22 659 | 547 | 6 032 | 172 | 981 | 24 | 3 767 | 98 | 982 | 32 | 5 437 | 240 | 6 241 | 324 |
| Managers and administrators, n.e.c. (excl. office managers, n.e.c.) | 16 908 | 320 | 22 387 | 537 | 5 359 | 146 | 971 | 24 | 3 325 | 87 | 892 | 32 | 5 297 | 232 | 5 727 | 300 |
| Salaries | 642 | 37 | 272 | 10 | 673 | 26 | 10 | — | 442 | 11 | 90 | — | 140 | 8 | 514 | 24 |
| Self-employed | 660 | 15 | 842 | 27 | 189 | — | 57 | — | 51 | 4 | 15 | — | 118 | 7 | 112 | 18 |
| Managers and administrators, except farm — allocated | 8 237 | 241 | 3 240 | 202 | 978 | 84 | 324 | 6 | 1 909 | 49 | 496 | 33 | 2 354 | 129 | 3 909 | 297 |
| Sales workers | 31 | 5 | 15 | — | — | — | 5 | — | 4 | — | — | — | 27 | — | 24 | 6 |
| Advertising agents and salesmen | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Auctioneers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Demonstrators | 11 | 9 | 26 | 6 | 6 | — | — | — | 10 | — | 6 | — | 15 | — | 15 | — |
| Hucksters and peddlers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Insurance agents, brokers, and underwriters | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Newsboys | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Real estate agents and brokers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Stock and bond salesmen | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Salesmen and sales clerks, n.e.c. | 7 655 | 165 | 2 648 | 105 | 851 | 66 | 277 | 6 | 1 838 | 49 | 463 | 33 | 2 190 | 95 | 3 827 | 259 |
| Sales workers — allocated | 540 | 62 | 551 | 91 | 116 | 18 | 42 | — | 57 | — | 27 | — | 122 | 34 | 43 | 32 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | Manufacturing, durable goods—Con. | | | | | | | | | | | | | | | | |
|---------------|--|---------|--------------------|---------|--------------------------------------|--------|---|--------|------------------------------|-------|---|--------|--|--------|--------------------------------------|------|--------|
| | Transportation equipment | | | | | | Professional and photographic equipment and watches | | | | | | | | | | |
| | Motor vehicles and motor vehicle equipment | | Aircraft and parts | | Ship and boat building and repairing | | Railroad locomotives and equipment | | Mobile dwellings and campers | | Cycles and miscellaneous transportation equipment | | Scientific and controlling instruments | | Optical and health services supplies | | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| 54 868 | 44 630 | 47 689 | 63 076 | 14 510 | 12 268 | 2 981 | 2 717 | 2 046 | 3 391 | 1 360 | 1 623 | 6 071 | 13 475 | 5 049 | 15 491 | 37 | 327 |
| 3 548 | 4 079 | 2 190 | 3 263 | 898 | 1 488 | 185 | 185 | 135 | 810 | 6 | 39 | 5 | 244 | 37 | 327 | 349 | 1 826 |
| 129 | 366 | 55 | 262 | 18 | 55 | — | — | — | 9 | — | 6 | 5 | 15 | 20 | 44 | — | — |
| 541 | 82 | 367 | 179 | 155 | 89 | 37 | 4 | — | — | 5 | 12 | 46 | 38 | 51 | 51 | — | — |
| 38 | 9 | 56 | 4 | 4 | 5 | — | — | — | — | — | — | 5 | — | 4 | 14 | — | — |
| 787 | 318 | 316 | 330 | 153 | 39 | 63 | 16 | 22 | 18 | 27 | 13 | 144 | 131 | 114 | 330 | — | — |
| 155 | 22 | 179 | 202 | 43 | — | — | — | 58 | — | — | — | 14 | 10 | 26 | 10 | — | — |
| 9 | — | 25 | 5 | 22 | 5 | — | — | — | — | — | — | — | — | 4 | 11 | — | — |
| 1 532 | 128 | 2 167 | 217 | 1 786 | 38 | 137 | 20 | 25 | — | 15 | 5 | 184 | 46 | 146 | 48 | — | — |
| 8 278 | 706 | 15 137 | 2 391 | 2 636 | 164 | 575 | 37 | 276 | 27 | 121 | 20 | 1 293 | 247 | 743 | 232 | — | — |
| 1 072 | 1 558 | 756 | 3 885 | 577 | 749 | 28 | 84 | 10 | 22 | 21 | 29 | 81 | 577 | 44 | 598 | — | — |
| 73 | 6 | 34 | 211 | 5 | — | — | — | — | — | — | — | — | — | — | 5 | — | — |
| — | 36 | — | — | — | 40 | — | — | — | — | — | — | — | — | — | 20 | — | — |
| — | — | 421 | 256 | 203 | 108 | 44 | 23 | 12 | 18 | 24 | 6 | 62 | 91 | 104 | 261 | — | — |
| 80 | 16 | 118 | 17 | 84 | 4 | 9 | — | — | 5 | — | — | 9 | — | 80 | 41 | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 558 | 5 377 | 2 925 | 5 521 | 426 | 779 | 104 | 239 | 10 | 99 | 27 | 108 | 367 | 852 | 264 | 901 | — | — |
| 45 | 140 | 102 | 154 | 31 | 43 | 5 | 17 | — | 28 | — | — | — | 62 | 12 | 106 | — | — |
| 9 | 663 | 13 | 151 | 6 | 9 | — | — | — | — | — | — | — | 31 | 24 | — | — | — |
| 1 475 | 310 | 1 936 | 513 | 254 | 85 | 60 | 6 | — | 20 | 14 | 11 | 214 | 62 | 163 | 59 | — | — |
| 186 | 153 | 313 | 535 | 44 | 31 | 19 | 14 | — | 5 | — | — | 42 | 64 | 17 | 24 | — | — |
| 378 | 3 863 | 338 | 3 792 | 77 | 571 | 15 | 194 | 7 | 46 | 7 | 77 | 44 | 554 | 50 | 631 | — | — |
| 127 | 71 | 97 | 36 | — | — | 5 | 5 | — | — | — | — | 14 | 13 | 9 | 11 | — | — |
| 138 | 177 | 126 | 340 | 14 | 38 | — | — | — | — | 6 | 15 | 47 | 66 | 13 | 46 | — | — |
| 1 864 | 1 307 | 1 189 | 844 | 635 | 443 | 231 | 122 | 26 | 124 | 96 | 60 | 178 | 344 | 37 | 338 | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 55 | 637 | 11 | 557 | 5 | 161 | 5 | 44 | — | — | — | — | 5 | — | — | — | — | — |
| 357 | 16 121 | 270 | 22 810 | 46 | 3 329 | 15 | 1 170 | — | 158 | — | — | 50 | 240 | 23 | 403 | — | — |
| — | 62 | — | 122 | — | 10 | — | — | — | 1 574 | 40 | 514 | 5 | 5 456 | 129 | 5 413 | — | — |
| — | 17 | 5 | 10 | — | 7 | — | — | — | — | — | — | — | — | 5 | 13 | — | — |
| 8 242 | 480 | 2 978 | 501 | 686 | 55 | 313 | 7 | 6 | 14 | 407 | 30 | 1 136 | 212 | 1 459 | 528 | — | — |
| 1 709 | 666 | 1 589 | 2 063 | 423 | 168 | 102 | 48 | 37 | 16 | 30 | 15 | 126 | 234 | 72 | 290 | — | — |
| 5 | 1 205 | 12 | 1 778 | 435 | 4 | 100 | — | — | 31 | 24 | 5 | 5 | 116 | — | 76 | — | — |
| 13 550 | 850 | 10 046 | 2 150 | 3 017 | 525 | 664 | 57 | 517 | 61 | 306 | 39 | 1 278 | 325 | 831 | 521 | — | — |
| 10 | 7 | 4 | 12 | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 111 | 803 | 88 | 821 | 45 | 262 | — | — | — | 9 | — | — | — | — | — | — | — | — |
| 1 374 | 5 490 | 459 | 8 489 | 250 | 2 175 | 20 | 351 | 21 | 117 | 21 | 225 | 42 | 1 696 | 42 | 1 593 | — | — |
| 239 | 55 | 58 | 14 | 58 | 5 | 14 | — | 15 | — | 15 | — | 15 | 42 | 5 | 25 | — | — |
| 3 603 | 582 | 3 599 | 1 046 | 990 | 100 | 162 | 31 | 61 | 34 | 48 | 44 | 433 | 233 | 205 | 279 | — | — |
| 3 262 | 2 382 | 1 889 | 4 393 | 1 130 | 902 | 209 | 133 | 41 | 148 | 46 | 125 | 261 | 824 | 166 | 903 | — | — |
| 712 | 407 | 704 | 503 | 189 | 80 | 21 | 16 | 48 | 50 | 26 | 17 | 59 | 122 | 89 | 195 | — | — |
| 222 915 | 5 000 | 162 395 | 7 278 | 119 078 | 2 623 | 13 805 | 244 | 29 020 | 2 225 | 4 624 | 241 | 16 754 | 1 405 | 18 802 | 4 760 | — | — |
| 605 | 16 | 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 27 | 8 | 28 | 7 | 22 | 5 | — | — | 8 | 9 | — | — | — | 6 | — | 4 | — | — |
| 130 | — | 12 | 6 | 272 | — | 96 | — | — | — | 11 | — | — | — | — | — | — | — |
| 95 | 5 | 57 | 10 | 2 549 | 50 | 73 | 15 | — | — | — | — | 23 | — | 4 | — | — | — |
| 9 | 9 | 14 | 10 | — | — | 15 | — | — | — | — | — | 4 | — | — | — | — | — |
| 320 | 5 | 94 | — | 95 | — | 19 | — | 16 | — | 4 | — | 5 | — | 10 | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| United States | Manufacturing, durable goods—Con. | | | | | | | | | | | | | | |
|---|--|-------|--------------------|-------|--------------------------------------|------|---|------|------------------------------|------|---|------|--|-------|--------------------------------------|
| | Transportation equipment | | | | | | Professional and photographic equipment and watches | | | | | | | | |
| | Motor vehicles and motor vehicle equipment | | Aircraft and parts | | Ship and boat building and repairing | | Railroad locomotives and equipment | | Mobile dwellings and campers | | Cycles and miscellaneous transportation equipment | | Scientific and controlling instruments | | Optical and health services supplies |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Bulldozer operators | 568 | 7 | 45 | — | 68 | — | 17 | — | 72 | 5 | 10 | — | — | — | — |
| Cabinetmakers | 83 | — | 138 | — | 253 | — | 11 | — | 3 503 | 700 | 98 | — | — | 73 | 20 |
| Carpenters | 2 062 | 44 | 1 595 | 16 | 18 166 | 659 | 528 | 5 | 9 350 | 563 | 406 | — | — | 170 | — |
| Carpet installers | 81 | — | 22 | — | 26 | 39 | — | — | 312 | 52 | — | — | — | — | — |
| Cement and concrete finishers | 29 | — | 12 | — | 14 | 14 | — | — | — | — | — | — | — | — | — |
| Compositors and typesetters | 188 | — | 194 | 68 | 111 | 10 | 38 | 17 | 4 | 8 | 13 | — | — | 56 | 63 |
| Cranemen, derrickmen, and hoistmen | 4 206 | 66 | 1 081 | 10 | 2 860 | 38 | 862 | 24 | 33 | 4 | 40 | — | — | 6 | 6 |
| Decorators and window dressers | 25 | 6 | 12 | — | 4 | — | — | — | 14 | 10 | — | — | — | 10 | — |
| Dental laboratory technicians | — | — | 4 | — | — | — | — | — | 5 | 5 | — | — | — | 1 275 | 387 |
| Electricians | 11 499 | 119 | 9 575 | 1 086 | 10 838 | 122 | 918 | 22 | 2 763 | 259 | 171 | 9 | — | 502 | 43 |
| Electric power linemen and cablemen | 11 | — | 14 | — | 35 | — | — | — | 6 | 7 | — | — | — | 9 | — |
| Electrotypers and stereotypers | 25 | — | 6 | — | 9 | — | 6 | — | 6 | — | — | — | — | — | — |
| Engravers, except photoengravers | 16 | — | 64 | 95 | 21 | 6 | — | — | — | — | — | — | — | 62 | 126 |
| Excavating, grading, and road machine operators, except bulldozer | 128 | 9 | 63 | 5 | 107 | 11 | 9 | — | 6 | — | — | — | — | 9 | — |
| Floor layers, except tile setters | 145 | — | 63 | — | 50 | 3 | 10 | — | — | — | — | — | — | 3 | — |
| Foremen, n.e.c. | 51 120 | 839 | 33 477 | 752 | 13 274 | 318 | 2 838 | 37 | 4 017 | 103 | 21 | 65 | — | 5 103 | 779 |
| Forgemen and hammermen | 1 096 | 34 | 551 | 9 | 77 | — | 132 | — | 4 017 | 14 | 15 | — | — | 4 474 | 10 |
| Furniture and wood finishers | 6 | — | 16 | — | 57 | — | — | — | 62 | 11 | — | — | — | 16 | — |
| Furriers | 28 | — | 5 | — | — | — | — | — | — | — | — | — | — | — | — |
| Glaziers | 576 | 9 | 50 | 5 | 14 | — | — | — | 82 | 32 | 5 | — | — | — | — |
| Heat treaters, annealers, and temperers | 1 889 | 50 | 1 312 | 20 | 32 | 11 | 33 | — | — | — | — | — | — | 66 | 4 |
| Inspectors, scalers, and graders; log and lumber | 6 | — | 5 | — | 13 | — | — | — | — | — | — | — | — | 11 | — |
| Inspectors, n.e.c. | 771 | 46 | 372 | 47 | 1 543 | 61 | 316 | 4 | 18 | 4 | 6 | — | — | 37 | 18 |
| Jewelers and watchmakers | 10 | — | 26 | — | 8 | 9 | — | — | — | — | — | — | — | 15 | 9 |
| Job and die setters, metal | 17 327 | 207 | 2 534 | 49 | 75 | 11 | 204 | 4 | 174 | 7 | 208 | 4 | — | 92 | 3 |
| Locomotive engineers | 47 | 5 | 8 | — | 35 | — | 71 | — | — | — | — | — | — | 101 | — |
| Locomotive firemen | — | — | 5 | — | 5 | — | 13 | — | — | — | — | — | — | — | — |
| Machinists | 11 342 | 373 | 21 368 | 415 | 13 380 | 137 | 1 437 | 16 | 139 | — | — | — | — | 2 739 | 72 |
| Mechanics and repairmen | 57 671 | 1 389 | 47 741 | 2 473 | 9 820 | 111 | 2 406 | 39 | 1 076 | 99 | 809 | 62 | — | 3 472 | 374 |
| Air conditioning, heating, and refrigeration | 686 | 19 | 514 | 12 | 81 | — | 56 | — | 115 | — | 9 | — | — | 105 | 8 |
| Aircraft | 182 | 15 | 36 583 | 2 007 | 308 | 3 | 24 | — | — | — | 5 | — | — | 84 | 25 |
| Automobile body repairmen | 1 473 | 13 | 31 | — | 5 | — | 5 | — | 5 | — | — | — | — | 35 | — |
| Automobile mechanics | 34 576 | 885 | 733 | 34 | 366 | 9 | 108 | — | 163 | — | 142 | 6 | — | 4 | — |
| Automobile mechanics and repairmen | 52 | — | 249 | 11 | 50 | — | — | — | — | — | — | — | — | 33 | 4 |
| Data processing machine repairmen | 40 | — | 19 | — | — | — | — | — | — | — | — | — | — | 109 | 9 |
| Farm implement | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Heavy equipment mechanics, including diesel | 18 117 | 282 | 5 400 | 126 | 3 761 | 47 | 811 | 10 | 290 | 6 | 366 | 40 | — | 1 743 | 65 |
| Household appliance and accessory installers and mechanics | 59 | 8 | 51 | — | 41 | — | 4 | — | 204 | 89 | 14 | 5 | — | 159 | 19 |
| Loom fixers | 29 | — | — | — | 5 | — | 6 | — | — | — | — | — | — | — | — |
| Office machine | 29 | — | 92 | — | 32 | — | — | — | — | — | — | — | — | 9 | — |
| Radio and television | 322 | 37 | 1 277 | 83 | 1 827 | 26 | 19 | — | — | — | — | — | — | 6 | — |
| Railroad and car shop | 66 | — | 20 | — | 47 | — | 1 | — | — | — | — | — | — | 24 | 7 |
| Miscellaneous mechanics and repairmen | 1 860 | 108 | 2 284 | 195 | 2 460 | 11 | 153 | 20 | 148 | — | 247 | 5 | — | 125 | 23 |
| Not specified mechanics and repairmen | 180 | 22 | 201 | 5 | 404 | 15 | 36 | — | 151 | — | 20 | 6 | — | 857 | 154 |
| Millwrights | 19 | — | 9 | — | 5 | — | — | — | — | — | — | — | — | 224 | 47 |
| Molders, grain, flour, and feed | 8 245 | 82 | 958 | 5 | 160 | — | 213 | — | 39 | 6 | 42 | — | — | 83 | 9 |
| Molders, metal | 1 927 | 432 | 633 | 101 | 731 | 143 | 211 | 5 | 516 | 109 | 45 | 10 | — | 34 | 44 |
| Motion picture projectionists | 15 | — | 30 | — | — | — | — | — | — | — | — | — | — | 23 | 26 |
| Opticians, and lens grinders and polishers | — | 4 | 49 | — | 50 | 6 | — | — | — | — | — | — | — | 361 | 4 |
| Painters, construction and maintenance | 3 809 | 227 | 2 415 | 162 | 7 377 | 151 | 482 | 11 | 270 | 40 | 131 | 35 | — | 169 | 41 |
| Paperhangers | 30 | — | 7 | — | — | — | — | — | — | — | — | — | — | — | — |
| Pattern and model makers, except paper | 4 338 | 42 | 3 307 | 129 | 939 | 15 | 146 | — | 11 | 5 | 79 | — | — | 314 | 15 |
| Photoengravers and lithographers | 9 | — | 22 | — | 3 | — | 11 | — | — | — | — | — | — | 9 | — |
| Piano and organ tuners and repairmen | — | — | 5 | — | — | — | — | — | — | — | — | — | — | — | — |
| Plasterers | — | — | 39 | — | — | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | Manufacturing, durable goods—Cont. | | | | | | | | | | | | | | |
|---------------|--|---------|--------------------|--------|--------------------------------------|--------|------------------------------------|--------|------------------------------|-------|---|--------|---|--------|--------------------------------------|
| | Motor vehicles and motor vehicle equipment | | | | | | Transportation equipment | | | | | | Professional and photographic equipment and watches | | |
| | Motor vehicles and motor vehicle equipment | | Aircraft and parts | | Ship and boat building and repairing | | Railroad locomotives and equipment | | Mobile dwellings and campers | | Cycles and miscellaneous transportation equipment | | Scientific and controlling instruments | | Optical and health services supplies |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| 6 521 | 94 | 2 263 | 21 | 11 453 | 232 | 579 | — | 2 285 | 43 | 112 | 7 | 389 | 6 | 109 | — |
| 252 | — | 99 | — | 30 | — | 33 | — | — | — | 7 | — | 116 | 26 | 30 | 27 |
| 328 | 116 | 507 | 120 | 111 | 20 | 75 | — | 10 | 28 | 9 | — | 11 | — | 9 | 4 |
| 310 | 5 | 32 | 22 | 39 | 52 | 22 | — | 323 | 12 | 5 | — | 325 | 17 | 188 | 5 |
| 34 | — | — | — | 6 | — | 5 | — | 1 418 | 55 | 101 | 6 | — | — | — | — |
| 3 450 | 54 | 12 621 | 1 047 | 5 269 | 38 | 760 | 6 | — | — | — | — | — | — | 22 | 4 |
| 9 | — | 46 | — | 9 524 | 114 | 24 | — | — | — | — | — | — | — | 3 | — |
| 73 | 8 | 72 | 5 | 71 | — | 5 | — | 8 | — | — | — | — | — | — | — |
| 1 588 | 45 | 1 447 | 47 | 672 | 13 | 101 | 5 | 21 | — | 43 | — | 175 | — | 133 | 35 |
| 89 | — | 372 | 13 | 626 | 33 | 883 | 10 | 19 | — | 9 | — | 5 | — | 25 | 16 |
| 148 | 7 | 48 | 11 | 208 | — | 9 | — | 6 | — | — | — | 6 | — | 13 | — |
| — | — | 12 | — | 97 | — | 4 | — | 166 | — | 17 | — | 1 834 | 105 | 8 | — |
| 38 | — | 14 352 | 232 | 704 | 7 | 568 | 8 | 29 | 4 | 246 | — | 157 | 84 | 1 326 | 175 |
| 24 629 | 132 | 367 | 207 | 89 | 89 | 15 | — | 988 | 11 | 27 | — | 201 | 5 | 42 | 17 |
| 1 688 | 199 | 405 | 36 | 6 232 | 98 | 70 | — | 223 | — | 75 | — | 157 | 84 | 187 | 52 |
| 748 | — | 1 662 | 16 | 6 629 | 3 | 120 | — | — | — | 49 | — | 201 | 5 | 107 | 6 |
| 2 402 | 37 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 401 024 | 68 115 | 149 957 | 30 359 | 51 094 | 3 062 | 20 343 | 1 397 | 21 168 | 4 248 | 9 146 | 2 540 | 19 575 | 22 260 | 16 236 | 28 630 |
| 42 | 4 | 83 | 10 | 1 392 | 28 | 22 | — | 117 | 13 | — | — | 3 993 | 11 027 | 2 737 | 6 434 |
| 125 557 | 25 948 | 35 086 | 11 215 | 2 059 | 504 | 1 752 | 282 | 5 664 | 1 216 | 2 358 | 992 | 5 | — | 5 | 5 |
| 5 | — | 10 | — | — | — | — | — | 6 | — | — | — | 7 | 12 | 17 | 72 |
| 47 | 36 | 30 | — | 16 | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | 25 664 | 4 120 | 12 | 79 | 1 747 | 158 | 937 | 232 | 555 | 110 | 3 561 | 2 782 | 1 571 | 4 470 |
| 48 087 | 8 170 | 5 | 6 | 2 642 | 7 | — | — | 4 | 4 | 5 | — | 187 | 125 | — | 6 |
| 55 | 5 | 927 | 182 | 601 | 94 | 330 | 27 | 804 | 145 | 223 | 30 | — | — | 421 | 490 |
| 3 857 | 469 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 1 764 | 177 | 803 | 121 | 39 | 5 | 70 | — | 32 | — | 19 | 5 | 82 | 48 | 33 | 22 |
| 16 | — | 31 | 6 | 6 | — | — | — | 17 | — | 7 | 4 | 5 | — | 6 | 4 |
| 70 | — | — | — | 4 | — | 6 | 7 | — | — | — | — | 2 | 10 | 8 | 11 |
| 10 218 | 570 | 3 333 | 1 082 | 575 | 99 | 38 | — | 169 | 102 | 141 | 19 | 312 | 117 | 1 073 | 587 |
| 3 077 | 91 | 539 | 52 | 183 | 5 | 184 | — | 35 | — | 51 | 8 | 13 | 5 | 33 | 4 |
| 220 | — | 24 | — | 37 | — | 6 | — | 26 | — | — | — | 5 | — | 4 | — |
| 220 | 139 | 87 | 23 | 36 | 5 | 11 | 7 | — | — | — | — | 5 | 90 | 38 | 91 |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 467 | 6 | 105 | 8 | 13 | — | 37 | — | — | — | 5 | — | 3 | — | 19 | 10 |
| 31 | 11 | 5 | — | 35 | — | — | — | — | — | — | — | 5 | — | 9 | 5 |
| 21 | 10 | 22 | 5 | 10 | 5 | — | — | — | 11 | — | — | 8 | — | — | — |
| 1 215 | 124 | 1 289 | 54 | 94 | — | 50 | 12 | 34 | 4 | 110 | 9 | 193 | 14 | 165 | 13 |
| 5 | — | 6 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 925 | 27 | 286 | 50 | 33 | — | 17 | — | 26 | — | — | — | 53 | — | 187 | 60 |
| 2 142 | 40 | 607 | 7 | 194 | — | 81 | — | 11 | — | 6 | — | 62 | 11 | 17 | 8 |
| 4 243 | 2 564 | 1 407 | 673 | 249 | 75 | 144 | — | 27 | 29 | 201 | 113 | 473 | 634 | 690 | 3 197 |
| 13 100 | 642 | 3 100 | 226 | 2 276 | 91 | 832 | 101 | 551 | 85 | 392 | 42 | 480 | 105 | 348 | 129 |
| 312 | 157 | 740 | 21 | 209 | 107 | 21 | 35 | 13 | 13 | 57 | 4 | 27 | 87 | 55 | 31 |
| 36 456 | 1 964 | 24 656 | 1 565 | 2 038 | 63 | 398 | 78 | 185 | 22 | 571 | 68 | 2 602 | 562 | 1 314 | 437 |
| 4 866 | 688 | 3 179 | 532 | 406 | 25 | 511 | 28 | 43 | 5 | 187 | 35 | 710 | 375 | 275 | 183 |
| 15 628 | 550 | 7 873 | 590 | 455 | 3 | 708 | 30 | 40 | 6 | 150 | 21 | 225 | 15 | 237 | 97 |
| 9 891 | 325 | 11 026 | 325 | 1 034 | 35 | 948 | 20 | 88 | — | 132 | 27 | 1 205 | 127 | 660 | 186 |
| 6 071 | 401 | 2 578 | 118 | 143 | — | 230 | — | 14 | 11 | 62 | 5 | 462 | 45 | 142 | 39 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | Manufacturing, durable goods - Con. | | | | | | | | | | | | | | | |
|---|--|--------|--------------------|--------|--------------------------------------|-------|---|-------|------------------------------|-------|---|-------|--|-------|--------------------------------------|--|
| | Transportation equipment | | | | | | Professional and photographic equipment and watches | | | | | | | | | |
| | Motor vehicles and motor vehicle equipment | | Aircraft and parts | | Ship and boat building and repairing | | Railroad locomotives and equipment | | Mobile dwellings and campers | | Cycles and miscellaneous transportation equipment | | Scientific and controlling instruments | | Optical and health services supplies | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Operatives, except transport - Continued | | | | | | | | | | | | | | | | |
| 21 352 | 6 484 | 2 318 | 352 | 331 | 31 | 719 | 54 | 152 | 52 | 556 | 118 | 439 | 216 | 263 | 348 | |
| 799 | 467 | 2 409 | 639 | 397 | 36 | 505 | 34 | 187 | 86 | 29 | 25 | 22 | 133 | 20 | 61 | |
| 11 | - | 12 | - | 180 | - | - | - | - | - | - | - | - | - | - | - | |
| 629 | 40 | 771 | 67 | 188 | 4 | 85 | 79 | 1 635 | 46 | 98 | 221 | 134 | 5 | 71 | 26 | |
| 545 | 3 554 | 123 | 489 | 50 | 296 | 10 | 4 | 22 | 780 | 8 | - | 15 | 49 | 97 | 2 032 | |
| 62 | 313 | 12 | - | 20 | 5 | 4 | - | - | - | - | - | - | - | - | 9 | |
| 1 010 | 313 | 223 | 1 022 | 69 | 18 | 30 | 10 | 13 | - | 15 | 27 | - | 902 | 61 | 566 | |
| 1 389 | 19 | 1 213 | 25 | 324 | - | 51 | - | 31 | - | 32 | - | 63 | 6 | 70 | 9 | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 47 361 | 1 913 | 8 282 | 774 | 25 943 | 394 | 7 333 | 147 | 2 719 | 101 | 1 874 | 212 | 907 | 601 | 555 | 256 | |
| 491 | 615 | 156 | 205 | 42 | 5 | 158 | 58 | 4 | 4 | 4 | 9 | 25 | 269 | 30 | 411 | |
| 21 873 | 4 966 | 10 031 | 2 186 | 3 396 | 470 | 1 258 | 117 | 786 | 167 | 402 | 136 | 2 157 | 1 893 | 2 958 | 3 595 | |
| 28 772 | 4 959 | 11 725 | 1 323 | 1 134 | 124 | 1 002 | 89 | 62 | 62 | 572 | 135 | 1 640 | 1 189 | 1 900 | 2 647 | |
| 13 548 | 1 746 | 6 137 | 1 843 | 4 017 | 271 | 816 | 40 | 4 114 | 803 | 563 | 170 | 1 048 | 690 | 1 337 | 1 605 | |
| 8 746 | 1 711 | 6 689 | 1 157 | 1 830 | 200 | 528 | 45 | 2 461 | 256 | 368 | 65 | 689 | 553 | 636 | 807 | |
| 2 278 | 224 | 1 011 | 161 | 1 414 | 41 | 98 | - | 129 | 22 | 50 | 9 | 132 | 106 | 93 | 152 | |
| 31 558 | 639 | 4 940 | 66 | 3 263 | 51 | 957 | 12 | 3 643 | 108 | 728 | 13 | 603 | 16 | 903 | 87 | |
| 11 | - | 16 | - | 130 | - | 8 | - | - | - | - | - | - | - | - | - | |
| 45 | - | 33 | - | 35 | 5 | - | - | 16 | 5 | 5 | - | - | - | - | - | |
| 4 | 5 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 1 431 | 76 | 565 | 15 | 243 | 3 | 47 | 7 | 593 | 7 | 80 | - | 81 | - | 302 | 68 | |
| 15 358 | 234 | 1 774 | 22 | 744 | 4 | 467 | 5 | 483 | 13 | 297 | 13 | 216 | 4 | 274 | 6 | |
| 40 | - | 5 | - | 20 | - | - | - | - | - | - | - | - | - | - | - | |
| 94 | - | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 54 | 5 | 16 | - | 41 | - | 45 | - | - | - | - | - | - | - | - | 4 | |
| 168 | - | 5 | - | 15 | - | 64 | - | - | - | - | - | - | - | - | - | |
| 2 912 | 138 | 177 | 9 | 112 | - | 33 | - | 19 | 24 | - | - | 18 | - | 34 | - | |
| 10 812 | 177 | 2 028 | 20 | 1 792 | 30 | 270 | 7 | 2 472 | 59 | 335 | - | 252 | 7 | 242 | 9 | |
| 629 | 4 | 316 | - | 131 | 9 | 23 | - | 60 | - | 11 | - | 36 | 5 | 51 | - | |
| 35 927 | 1 881 | 6 278 | 631 | 10 144 | 404 | 2 305 | 77 | 4 205 | 507 | 811 | 139 | 1 238 | 363 | 1 332 | 850 | |
| 24 | 5 | - | - | - | - | - | - | 7 | - | - | - | - | - | 14 | - | |
| 70 | - | 15 | - | 231 | 4 | 27 | - | 311 | 35 | 5 | 10 | 7 | - | 11 | - | |
| 389 | 25 | 343 | 51 | 1 739 | 45 | 113 | - | 480 | 57 | 18 | 3 | 39 | 11 | 9 | 5 | |
| 17 | 10 | 14 | 10 | 60 | - | - | - | 6 | - | - | - | - | - | - | - | |
| 10 935 | 504 | 1 790 | 120 | 759 | 33 | 352 | - | 689 | 46 | 228 | 42 | 333 | 51 | 424 | 149 | |
| 15 | 6 | 8 | 5 | 101 | - | - | - | - | - | - | - | - | - | - | - | |
| 388 | 13 | 235 | 20 | 659 | 10 | 20 | - | 17 | - | - | - | 37 | 7 | 36 | - | |
| 47 | 3 | 9 | 5 | 12 | - | - | - | 5 | 16 | - | - | - | - | - | - | |
| 8 475 | 346 | 806 | 106 | 220 | - | 95 | 32 | 138 | - | 135 | 23 | 275 | 82 | 268 | 264 | |
| 114 | 4 | 5 | - | 6 | - | 5 | - | 12 | - | 17 | - | 4 | - | 97 | 68 | |
| 2 868 | 183 | 482 | 51 | 1 213 | 37 | 97 | 4 | 17 | 33 | 48 | - | 43 | 25 | 89 | 4 | |
| 3 002 | 42 | 303 | 5 | 756 | 32 | 38 | 15 | 48 | 19 | 34 | 11 | 78 | 4 | 36 | 41 | |
| 8 002 | 142 | 1 549 | 244 | 2 986 | 204 | 803 | 26 | 189 | 301 | 317 | 50 | 43 | 38 | 278 | 319 | |
| 8 244 | 593 | 1 549 | 244 | 2 986 | 204 | 803 | 26 | 2 223 | 301 | 317 | 50 | 323 | 134 | 278 | 319 | |
| 698 | 5 | 350 | - | 133 | 11 | 52 | - | 63 | - | 8 | - | 56 | 6 | 70 | - | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| | Manufacturing, durable goods—Con. | | | | | | | | | | | | | | | |
|--|--|-------|--------------------|-------|--------------------------------------|------|---|------|------------------------------|------|---|------|--|------|--------------------------------------|-----|
| | Transportation equipment | | | | | | Professional and photographic equipment and watches | | | | | | | | | |
| | Motor vehicles and motor vehicle equipment | | Aircraft and parts | | Ship and boat building and repairing | | Railroad locomotives and equipment | | Mobile dwellings and campers | | Cycles and miscellaneous transportation equipment | | Scientific and controlling instruments | | Optical and health services supplies | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| United States | | | | | | | | | | | | | | | | |
| Farmers and farm managers | | | | | | | | | | | | | | | | |
| Farm foremen | | | | | | | | | | | | | | | | |
| Farm laborers and farm foremen | | | | | | | | | | | | | | | | |
| Farm laborers, wage workers | | | | | | | | | | | | | | | | |
| Farm laborers, unpaid family workers | | | | | | | | | | | | | | | | |
| Farm service laborers, self-employed | | | | | | | | | | | | | | | | |
| Farm laborers and farm foremen—allocated | | | | | | | | | | | | | | | | |
| Service workers, except private household | | | | | | | | | | | | | | | | |
| Cleaning service workers | 26 870 | 2 938 | 11 430 | 1 864 | 4 798 | 555 | 856 | 159 | 1 923 | 353 | 403 | 64 | 1 512 | 346 | 1 826 | 535 |
| Chambermaids and maids, except private household | 18 446 | 1 463 | 6 399 | 733 | 2 127 | 270 | 545 | 76 | 1 306 | 332 | 277 | 32 | 1 003 | 112 | 1 388 | 212 |
| Cleaners and charwomen | 3 061 | 25 | 9 | 13 | 10 | 18 | 122 | 4 | 6 | 22 | 48 | 13 | 56 | 45 | 166 | 7 |
| Janitors and sextons | 15 369 | 456 | 632 | 170 | 298 | 115 | 423 | 23 | 158 | 219 | 229 | 19 | 947 | 67 | 1 215 | 116 |
| Food service workers | 258 | 922 | 298 | 657 | 161 | 223 | 46 | 46 | 11 | 4 | 5 | 3 | 12 | 73 | 31 | 83 |
| Bartenders | | 5 | | | 6 | 10 | | | 5 | | | | | | | 6 |
| Busboys | | 25 | 23 | 5 | 3 | | | | | | | | | | 9 | 18 |
| Cooks, except private household | 103 | 290 | 157 | 157 | 102 | 58 | 7 | 7 | 4 | 4 | 5 | 3 | 12 | 14 | 14 | 18 |
| Dishwashers | 41 | 16 | 17 | 22 | 9 | 22 | 11 | 11 | | | | | | 5 | | 5 |
| Food counter and fountain workers | 22 | 153 | 34 | 196 | 10 | 86 | 16 | 16 | 6 | 6 | | | | 19 | 8 | 21 |
| Waiters | 44 | 197 | 17 | 112 | 31 | 47 | | | | | | | | 27 | | 33 |
| Food service workers, n.e.c., except private household | | 236 | 50 | 165 | | | | | | | | | | | | |
| Health service workers | 94 | 76 | 5 | 44 | 47 | 4 | 12 | 20 | 4 | 4 | | | | | 30 | 60 |
| Dental assistants | | 4 | | 5 | | | | | | | | | | | 5 | 24 |
| Health aides, except nursing | 10 | | 5 | 5 | 13 | | | 4 | | | | | | | 25 | 19 |
| Health trainers | | | | | | | | | | | | | | | | |
| Lay midwives | | | | | | | | | | | | | | | | |
| Nursing aides, orderlies, and attendants | 74 | 44 | | 28 | 34 | 4 | 12 | | 4 | 4 | | | | | | 13 |
| Practical nurses | 10 | 28 | | 6 | | | | 16 | | 6 | | | | | | 4 |
| Personal service workers | 423 | 163 | 89 | 160 | 54 | 11 | 10 | | 11 | 6 | 20 | | 9 | 15 | 34 | 13 |
| Airline stewardesses | | 5 | | 35 | | | | | | | | | | | | |
| Attendants, recreation and amusement | 24 | 10 | 28 | | | | | | | | | | | | | |
| Attendants, personal service, n.e.c. | 29 | 109 | 8 | 99 | 11 | | | | 5 | 6 | | | | 5 | | 5 |
| Baggage porters and bellhops | | | | | | | | | | | | | | | | |
| Barbers | | | | | | | | | | | | | | | | |
| Boarding and lodging house keepers | | | | | | | | | | | | | | | | |
| Boothkeepers | | | | | | | | | | | | | | | | |
| Child care workers, except private household | 6 | | | | | | | | | | | | | | | |
| Elevator operators | 161 | 17 | | | 9 | | 10 | | | | 20 | | | | 29 | |
| Hairdressers and cosmetologists | | | 4 | | | | | | | | | | | | | |
| Housekeepers, except private household | 203 | 22 | 30 | 26 | 34 | 11 | | | 6 | | | | 9 | 10 | 5 | |
| School monitors | | | | | | | | | | | | | | | | |
| Ushers, recreation and amusement | | | | | | | | | | | | | | | | |
| Welfare service aides | | | | | | | | | | | | | | | | |
| Protective service workers | 6 760 | 78 | 4 384 | 119 | 2 219 | | 232 | | 545 | 5 | 78 | | 406 | 10 | 279 | 30 |
| Crossing guards and bridge tenders | 10 | | 5 | | 10 | | | | | | | | | | | 2 |
| Firemen, fire protection | 213 | 5 | 345 | 5 | 407 | | | | | | 8 | | 17 | | | 10 |
| Guards and watchmen | 6 442 | 73 | 3 969 | 114 | 1 663 | | 228 | | 539 | 5 | 70 | | 389 | 10 | 279 | 18 |
| Marshals and constables | | | | | | | | | | | | | | | | |
| Policemen and detectives | 95 | | 65 | | 139 | | 4 | | 6 | | | | | | | |
| Sheriffs and bailiffs | | | | | | | | | | | | | | | | |
| Service workers, except private household—allocated | 889 | 236 | 455 | 151 | 190 | 47 | 57 | 17 | 46 | | 23 | 29 | 82 | | 64 | 137 |
| Private household workers | | | | | | | | | | | | | | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text]

| United States | Manufacturing, durable goods—Con. | | | | | | | | | | | | | |
|---|--|--------|---|--------|--------------------------------------|-------|--------------------|--------|--|--------|---------------------------------------|---------|---------|---------|
| | Professional and photographic equipment and watches—Con. | | | | Ordnance | | | | Miscellaneous manufacturing industries | | Manufacturing durable goods—allocated | | | |
| | Photographic equipment and supplies | | Watches, clocks, and clockwork-operated devices | | Not specified professional equipment | | Government workers | | Other workers | | Male | Female | Male | Female |
| Total employed, 16 years old and over | 70 008 | 25 649 | 12 435 | 15 534 | 4 046 | 1 581 | 35 610 | 13 944 | 175 468 | 54 904 | 275 464 | 189 095 | 481 949 | 146 558 |
| Professional, technical, and kindred workers | 18 491 | 1 703 | 1 448 | 194 | 1 201 | 76 | 7 376 | 802 | 62 567 | 4 312 | 22 668 | 4 302 | 44 789 | 3 566 |
| Accountants | 827 | 107 | 169 | 40 | 100 | 11 | 310 | 158 | 2 604 | 570 | 2 573 | 277 | 1 009 | 179 |
| Architects | 28 | — | — | — | 3 | — | — | — | 61 | 6 | 9 | — | — | — |
| Computer specialists | 826 | 208 | 48 | 23 | 40 | 10 | 317 | 98 | 3 432 | 724 | 699 | 132 | 468 | 52 |
| Computer programmers | 461 | 135 | 38 | 17 | 14 | 10 | 175 | 76 | 1 979 | 512 | 446 | 101 | 273 | 52 |
| Computer systems analysts | 327 | 63 | 10 | 6 | 26 | — | 121 | 22 | 1 218 | 175 | 238 | 31 | 179 | — |
| Computer specialists, n.e.c. | 38 | 10 | — | — | — | — | 21 | — | 235 | 37 | 15 | — | 16 | — |
| Engineers | 6 760 | 99 | 603 | 20 | 509 | — | 3 491 | 60 | 35 453 | 440 | 6 473 | 107 | 3 001 | 19 |
| Aeronautical and astronautical | 8 | — | — | — | 15 | — | 122 | — | 3 763 | 47 | 208 | — | — | — |
| Chemical | 446 | 5 | 4 | — | 15 | — | 156 | — | 466 | 5 | 153 | — | 146 | — |
| Civil | 114 | 5 | — | — | — | — | 60 | — | 76 | 10 | — | — | 213 | 10 |
| Electrical and electronic | 1 009 | 20 | 100 | — | 81 | — | 557 | — | 8 741 | 58 | 820 | 20 | 601 | 9 |
| Industrial | 1 715 | 21 | 174 | 16 | 89 | — | 691 | 35 | 5 057 | 110 | 1 790 | 56 | 414 | — |
| Mechanical | 1 158 | 15 | 67 | 4 | 84 | — | 1 301 | 13 | 7 094 | 103 | 1 038 | 16 | 455 | — |
| Metallurgical and materials | 20 | — | 10 | — | 10 | — | 30 | — | 285 | 4 | 33 | — | 60 | — |
| Mining | — | — | — | — | — | — | — | — | 15 | — | — | — | — | — |
| Petroleum | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sales | 47 | — | 32 | — | 19 | — | 90 | — | 90 | 103 | 387 | — | 340 | — |
| Engineers, n.e.c. | 2 243 | 33 | 216 | — | 196 | — | 574 | 12 | 9 116 | — | 1 936 | 10 | 772 | — |
| Farm management advisors | 5 | — | — | — | — | — | 4 | — | 16 | — | — | — | — | — |
| Foresters and conservationists | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Home management advisors | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Lawyers and judges | 77 | 6 | 18 | 5 | 17 | — | 8 | — | 165 | — | 162 | — | — | 4 |
| Judges | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Lawyers | 77 | 6 | 18 | 5 | 17 | — | 8 | — | 165 | — | 162 | — | — | — |
| Librarians, archivists, and curators | — | 33 | — | — | 5 | — | 3 | — | 53 | 133 | 5 | 27 | — | — |
| Librarians | — | 33 | — | — | 5 | — | 3 | — | 53 | 133 | 5 | 27 | — | — |
| Archivists and curators | — | — | — | — | — | — | — | — | — | — | 10 | — | — | — |
| Mathematical specialists | 87 | 28 | 5 | 5 | — | — | 93 | 9 | 365 | 247 | 32 | 30 | 33 | 10 |
| Actuaries | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mathematicians | 14 | — | — | — | — | — | 51 | — | 169 | 57 | 10 | — | 10 | — |
| Statisticians | 73 | 28 | 5 | 5 | — | — | 42 | 9 | 196 | 190 | 22 | 30 | 23 | 10 |
| Life and physical scientists | 1 271 | 132 | 39 | 5 | 66 | 6 | 324 | 16 | 1 324 | 90 | 687 | 59 | 306 | 16 |
| Agricultural | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Atmospheric and space | 5 | — | 7 | — | 6 | — | 5 | — | 6 | 14 | 4 | — | 15 | — |
| Biological | 20 | — | — | — | 3 | — | 21 | — | 58 | 25 | 30 | 11 | 27 | 11 |
| Chemists | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Geologists | 1 040 | 128 | 32 | — | 31 | — | 142 | 10 | 604 | 53 | 587 | 48 | 220 | — |
| Marine | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Physicists and astronomers | 206 | 4 | — | 5 | — | — | 6 | — | 7 | — | 4 | — | 39 | 5 |
| Life and physical, n.e.c. | — | — | — | — | 26 | — | 150 | 6 | 603 | 23 | 50 | — | — | — |
| Operations and systems researchers and analysts | 709 | 40 | 56 | 14 | 35 | — | 302 | 33 | 2 328 | 174 | 567 | 52 | 89 | 13 |
| Personnel and labor relations workers | 562 | 93 | 62 | 16 | 47 | 5 | 223 | 89 | 1 623 | 155 | 1 007 | 376 | 355 | 59 |
| Physicians, dentists, and related practitioners | 28 | — | — | — | 4 | 6 | 10 | — | 28 | 4 | 5 | — | — | — |
| Chiropractors | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Dentists | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Optometrists | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Pharmacists | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Physicians, medical and osteopathic | — | — | — | — | 4 | — | — | — | — | — | — | — | — | — |
| Podiatrists | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Veterinarians | 28 | — | — | — | — | — | 10 | — | 28 | — | — | — | — | — |
| Health practitioners, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | | Manufacturing, durable goods—Con. | | | | | | | | | | | | | | | | | | |
|---|--|--|--------|---|--------|--------------------------------------|--------|--------------------|--------|--|--------|---------------------------------------|--------|------|--------|------|--------|------|--------|--|
| | | Professional and photographic equipment and watches—Con. | | | | Ordnance | | | | Miscellaneous manufacturing industries | | Manufacturing durable goods—allocated | | | | | | | | |
| | | Photographic equipment and supplies | | Watches, clocks, and clockwork-operated devices | | Not specified professional equipment | | Government workers | | Other workers | | Male | Female | Male | Female | Male | Female | Male | Female | |
| | | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Professional, technical, and kindred workers—Continued | | | | | | | | | | | | | | | | | | | | |
| Registered nurses, dietitians, and therapists | | | | | | | | | | | | | | | | | | | | |
| Dietitians | | | | | | | | | | | | | | | | | | | | |
| Registered nurses | | | | | | | | | | | | | | | | | | | | |
| Health technologists and technicians | | | | | | | | | | | | | | | | | | | | |
| Clinical laboratory technologists and technicians | | | | | | | | | | | | | | | | | | | | |
| Dental hygienists | | | | | | | | | | | | | | | | | | | | |
| Health record technologists and technicians | | | | | | | | | | | | | | | | | | | | |
| Radiologic technologists and technicians | | | | | | | | | | | | | | | | | | | | |
| Therapy assistants | | | | | | | | | | | | | | | | | | | | |
| Health technologists and technicians, n.e.c. | | | | | | | | | | | | | | | | | | | | |
| Religious workers | | | | | | | | | | | | | | | | | | | | |
| Clergyment | | | | | | | | | | | | | | | | | | | | |
| Religious workers, n.e.c. | | | | | | | | | | | | | | | | | | | | |
| Social scientists | | | | | | | | | | | | | | | | | | | | |
| Economists | | | | | | | | | | | | | | | | | | | | |
| Political scientists | | | | | | | | | | | | | | | | | | | | |
| Psychologists | | | | | | | | | | | | | | | | | | | | |
| Sociologists | | | | | | | | | | | | | | | | | | | | |
| Urban and regional planners | | | | | | | | | | | | | | | | | | | | |
| Social scientists, n.e.c. | | | | | | | | | | | | | | | | | | | | |
| Social and recreation workers | | | | | | | | | | | | | | | | | | | | |
| Social | | | | | | | | | | | | | | | | | | | | |
| Recreation | | | | | | | | | | | | | | | | | | | | |
| Teachers, college and university | | | | | | | | | | | | | | | | | | | | |
| Adult education teachers | | | | | | | | | | | | | | | | | | | | |
| Elementary and secondary school teachers | | | | | | | | | | | | | | | | | | | | |
| Prekindergarten and kindergarten teachers | | | | | | | | | | | | | | | | | | | | |
| Teachers, except college and university, n.e.c. | | | | | | | | | | | | | | | | | | | | |
| Engineering and science technicians | | | | | | | | | | | | | | | | | | | | |
| Agriculture and biological, except health | | | | | | | | | | | | | | | | | | | | |
| Chemical | | | | | | | | | | | | | | | | | | | | |
| Draftsmen | | | | | | | | | | | | | | | | | | | | |
| Electrical and electronic engineering | | | | | | | | | | | | | | | | | | | | |
| Industrial engineering | | | | | | | | | | | | | | | | | | | | |
| Mechanical engineering | | | | | | | | | | | | | | | | | | | | |
| Mathematical | | | | | | | | | | | | | | | | | | | | |
| Surveyors | | | | | | | | | | | | | | | | | | | | |
| Engineering and science, n.e.c. | | | | | | | | | | | | | | | | | | | | |
| Technicians, except health, and engineering and science | | | | | | | | | | | | | | | | | | | | |
| Airplane pilots | | | | | | | | | | | | | | | | | | | | |
| Air traffic controllers | | | | | | | | | | | | | | | | | | | | |
| Embalmers | | | | | | | | | | | | | | | | | | | | |
| Flight engineers | | | | | | | | | | | | | | | | | | | | |
| Radio operators | | | | | | | | | | | | | | | | | | | | |
| Tool programmers, numerical control | | | | | | | | | | | | | | | | | | | | |
| Technicians, n.e.c. | | | | | | | | | | | | | | | | | | | | |
| Vocational and educational counselors | | | | | | | | | | | | | | | | | | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| | Manufacturing, durable goods—Con. | | | | | | | | | | | | | | | | | | |
|--|--|------------|------------|---|-----------|-----------|--------------------------------------|--------------|-----------|--------------------|-----------|---------------|--|--------------|---------------------------------------|--------------|----------|--------|--------|
| | Professional and photographic equipment and watches—Con. | | | | | | Ordnance | | | | | | Miscellaneous manufacturing industries | | Manufacturing durable goods—allocated | | | | |
| | Photographic equipment and supplies | | | Watches, clocks, and clockwork-operated devices | | | Not specified professional equipment | | | Government workers | | | Other workers | | | Male | Female | Male | Female |
| | Male | Female | | Male | Female | | Male | Female | | Male | Female | | Male | Female | Male | Female | Male | Female | |
| Actors | 1 243 | 217 | — | 48 | 12 | 57 | — | — | 277 | 73 | 3 081 | 352 | 4 373 | 1 341 | — | 474 | 89 | | |
| Athletes and kindred workers | 5 | — | — | — | — | — | — | — | 6 | — | — | — | — | 14 | — | — | — | | |
| Authors | 35 | 5 | — | — | — | — | — | 15 | 10 | 272 | 33 | — | 41 | 5 | 43 | — | — | | |
| Dancers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Designers | 504 | 11 | — | 37 | — | 5 | — | 60 | 13 | 871 | 14 | 2 518 | 723 | 15 | 109 | 33 | — | | |
| Editors and reporters | 200 | 83 | — | — | — | 6 | — | 13 | 5 | 250 | 111 | 1 688 | 52 | 52 | — | — | — | | |
| Musicians and composers | 7 | — | — | — | — | — | — | 8 | — | — | — | — | 36 | — | 61 | 20 | — | | |
| Painters and sculptors | 117 | 58 | — | 5 | — | 3 | — | 10 | 28 | 427 | 67 | 1 072 | 412 | 412 | 105 | 21 | — | | |
| Photographers | 190 | 38 | — | — | — | — | — | 34 | 13 | 357 | 13 | 139 | 16 | 16 | — | — | — | | |
| Public relations men and publicity writers | 64 | 8 | — | — | 12 | 37 | — | 12 | — | 141 | 4 | 323 | 87 | 87 | 50 | 5 | — | | |
| Radio and television announcers | — | — | — | — | — | — | — | — | — | — | — | — | 6 | — | — | — | — | | |
| Writers, artists, and entertainers, n.e.c. | 121 | 14 | — | 10 | — | 6 | — | 119 | 17 | 763 | 110 | 17 | 65 | 17 | 106 | 10 | — | | |
| Research workers, not specified | 508 | 55 | — | — | — | 52 | — | 82 | 10 | 679 | 85 | 262 | 34 | 34 | 107 | 10 | — | | |
| Professional, technical, and kindred workers—allocated | 281 | 47 | — | 25 | 11 | — | 9 | 98 | — | 547 | 133 | — | 1 414 | 453 | 37 219 | 2 974 | — | | |
| Managers and administrators, except farm | 5 099 | 301 | 434 | 1 108 | 86 | 30 | 235 | 1 242 | 10 | 397 | 12 | 345 | 30 778 | 3 433 | 20 915 | 1 368 | — | | |
| Assessors, controllers, and treasurers; local public administration | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Bank officers and financial managers | 89 | 5 | 16 | 43 | 10 | — | — | 27 | 10 | — | — | — | — | 58 | — | — | — | | |
| Buyers and shippers, farm products | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Buyers, wholesale and retail trade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Credit men | 61 | 6 | 6 | 23 | — | — | — | — | — | 16 | — | — | 333 | 127 | 72 | 7 | — | | |
| Funeral directors | 5 | — | — | — | — | — | — | — | — | — | — | — | — | 6 | — | — | — | | |
| Health administrators | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Construction inspectors; public administration | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Inspectors, except construction; public administration | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Managers and superintendents, building | — | — | — | 4 | — | — | — | 5 | — | — | — | — | 11 | 4 | — | — | — | | |
| Office managers, n.e.c. | 128 | 50 | 6 | 6 | — | 5 | — | 21 | — | 12 | 106 | 66 | 838 | 619 | 228 | 119 | — | | |
| Officers, pilots, and pursers; ship | — | — | — | 7 | — | — | — | — | — | — | — | — | 4 | — | — | — | — | | |
| Officials and administrators; public administration, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Officials of lodges, societies, and unions | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Postmasters and mail superintendents | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Purchasing agents and buyers, n.e.c. | 539 | 22 | 10 | 100 | 9 | — | — | 257 | — | 1 650 | 108 | — | 1 715 | 304 | 334 | 36 | — | | |
| Railroad conductors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Restaurant, cafeteria, and bar managers | 11 | — | — | — | — | — | — | — | — | — | — | — | — | 10 | — | — | — | | |
| Sales managers and department heads, retail trade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Sales managers, except retail trade | 462 | 20 | 93 | 138 | 11 | — | — | 12 | — | 217 | 6 | — | 3 215 | 130 | 356 | 16 | — | | |
| School administrators, college | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| School administrators, elementary and secondary | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Managers and administrators, n.e.c., (excl. office managers, n.e.c.) | 3 613 | 187 | 298 | 760 | 56 | 25 | — | 820 | 120 | 9 273 | 258 | 23 354 | 2 089 | 2 089 | 4 810 | 265 | — | | |
| Salaries | 3 546 | 178 | 298 | 705 | 51 | 25 | — | 820 | 120 | 9 184 | 253 | 19 663 | 1 468 | 1 468 | 3 815 | 173 | — | | |
| Self-employed | 67 | 9 | 5 | 55 | — | — | — | — | — | 89 | 5 | 3 691 | 621 | 621 | 995 | 92 | — | | |
| Managers and administrators, except farm—allocated | 191 | 11 | 5 | 27 | — | — | — | 100 | 9 | 269 | 30 | — | 958 | 86 | 15 115 | 925 | — | | |
| Sales workers | 1 777 | 130 | 96 | 452 | 50 | 12 | 84 | 30 | 14 | 796 | 84 | 16 336 | 2 432 | 2 432 | 7 849 | 1 262 | — | | |
| Advertising agents and salesmen | 16 | 6 | — | 10 | — | — | — | — | — | 14 | 5 | — | 248 | 35 | — | — | — | | |
| Auctioneers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Demonstrators | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Hucksters and peddlers | 5 | — | — | — | — | — | — | — | — | — | — | — | 54 | 134 | — | — | — | | |
| Insurance agents, brokers, and underwriters | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Newsboys | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Real estate agents and brokers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Stock and bond salesmen | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| Salesmen and sales clerks, n.e.c. | 1 644 | 115 | 89 | 416 | 33 | 7 | — | 5 | 10 | 577 | 47 | 15 367 | 1 904 | 1 904 | 3 168 | 812 | — | | |
| Sales workers—allocated | 112 | 9 | 7 | 26 | 17 | — | — | 25 | 4 | 205 | 32 | 667 | 356 | 356 | 4 681 | 450 | — | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | | Manufacturing, durable goods—Con. | | | | | | | | | | | | | |
|---------------|--|--|--------|---|--------|--------------------------------------|--------|--------------------|--------|--|--------|---------------------------------------|--------|---------|--------|
| | | Professional and photographic equipment and watches—Con. | | | | Ordnance | | | | Miscellaneous manufacturing industries | | Manufacturing durable goods—allocated | | | |
| | | Photographic equipment and supplies | | Watches, clocks, and clockwork-operated devices | | Not specified professional equipment | | Government workers | | Other workers | | Male | Female | Male | Female |
| | | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| | | 6 168 | 11 125 | 997 | 2 771 | 378 | 856 | 2 849 | 5 089 | 12 649 | 21 428 | 18 421 | 45 392 | 29 011 | 43 218 |
| | | 44 | 196 | 13 | 29 | — | 16 | — | 4 | 20 | 100 | 77 | 998 | 45 | 159 |
| | | 299 | 792 | 73 | 329 | 34 | 114 | 159 | 284 | 808 | 1 122 | 1 531 | 7 873 | 640 | 1 663 |
| | | 17 | 48 | 5 | 5 | — | 12 | — | 22 | — | 88 | 64 | 97 | 99 | 394 |
| | | 137 | 38 | 7 | 24 | 6 | 4 | 49 | 24 | — | 109 | 160 | 93 | 19 | 19 |
| | | 6 | 5 | — | 4 | — | 4 | — | 16 | 18 | 85 | 16 | 26 | 21 | 21 |
| | | 94 | 144 | 11 | 20 | 4 | 5 | 16 | 16 | 99 | 85 | 333 | 726 | 144 | 133 |
| | | 22 | 5 | — | 5 | — | — | 5 | — | 71 | 9 | 61 | 5 | 58 | 3 |
| | | 209 | 47 | 34 | 23 | — | 8 | — | 4 | 5 | 11 | 12 | 11 | 136 | 50 |
| | | 1 172 | 133 | 163 | 187 | 78 | 17 | 603 | 126 | 2 998 | 581 | 1 517 | 1 672 | 383 | 67 |
| | | 56 | 374 | 10 | 187 | 15 | 43 | 47 | 201 | 1 170 | 762 | 257 | 1 569 | 154 | 337 |
| | | 5 | 17 | — | — | — | 5 | — | 19 | 4 | 39 | 5 | 16 | — | — |
| | | 101 | 190 | 26 | 41 | 4 | 5 | 33 | 47 | 212 | 84 | 256 | 378 | 81 | 50 |
| | | 81 | — | 25 | — | — | — | 5 | — | 72 | 5 | 265 | 32 | 124 | — |
| | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | | 550 | 867 | 50 | 155 | 28 | 84 | 163 | 396 | 1 071 | 1 328 | 733 | 2 563 | 408 | 455 |
| | | 9 | 39 | 4 | 5 | — | — | 12 | 13 | 9 | 26 | 39 | 334 | 15 | 60 |
| | | — | — | — | — | — | — | 5 | 5 | 5 | 38 | 16 | 152 | 18 | 36 |
| | | 334 | 66 | 22 | 21 | 9 | — | 92 | 52 | 847 | 142 | 363 | 195 | 220 | 19 |
| | | 10 | 51 | — | 4 | 6 | — | 20 | 6 | 86 | 129 | 44 | 45 | 17 | 11 |
| | | 104 | 584 | 15 | 131 | 13 | 73 | 20 | 282 | 47 | 917 | 186 | 1 692 | 98 | 320 |
| | | 39 | 13 | — | 5 | — | 5 | 14 | 30 | 28 | 19 | 27 | 17 | 20 | 3 |
| | | 54 | 93 | 9 | 10 | — | 6 | 14 | 30 | 49 | 57 | 58 | 128 | 20 | 6 |
| | | 193 | 367 | 16 | 174 | 10 | 5 | 57 | 89 | 333 | 552 | 323 | 1 144 | 120 | 156 |
| | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | | 5 | 215 | 4 | 48 | — | 8 | — | 37 | 5 | 226 | 18 | 761 | 5 | 281 |
| | | 66 | 4 668 | 4 | 712 | 17 | 374 | 41 | 1 319 | 117 | 9 003 | 486 | 13 281 | 249 | 3 828 |
| | | — | 17 | — | 6 | — | — | — | 5 | — | 5 | 6 | 58 | — | — |
| | | — | 17 | — | — | — | — | — | — | — | 4 | 9 | 10 | — | — |
| | | 862 | 152 | 267 | 112 | 55 | — | 154 | 17 | 909 | 130 | 6 367 | 1 696 | 940 | 83 |
| | | 181 | 299 | 5 | 70 | 10 | 5 | 94 | 114 | 491 | 491 | 285 | 707 | 90 | 94 |
| | | 4 | 176 | — | 17 | — | 4 | 6 | 187 | 15 | 465 | 5 | 275 | 115 | 115 |
| | | 1 153 | 177 | 198 | 99 | 47 | 9 | 722 | 288 | 2 362 | 423 | 2 436 | 1 047 | 571 | 112 |
| | | — | — | — | — | — | — | 5 | — | 6 | 4 | 6 | 6 | — | — |
| | | 10 | 150 | — | 28 | — | 18 | 87 | 50 | 104 | 329 | 39 | 615 | — | — |
| | | 32 | 1 178 | 22 | 270 | — | 64 | 60 | 1 017 | 71 | 3 028 | 213 | 4 767 | 138 | 1 050 |
| | | 86 | — | — | — | 12 | — | 39 | 261 | 74 | 498 | 247 | 122 | 75 | 12 |
| | | 448 | 230 | 38 | 81 | 15 | 27 | 174 | 95 | 1 236 | 819 | 616 | 3 177 | 268 | 177 |
| | | 234 | 515 | 26 | 203 | 30 | 25 | 172 | 385 | 1 161 | 1 621 | 905 | 3 177 | 651 | 1 028 |
| | | 101 | 137 | — | 64 | 9 | 4 | 73 | 67 | 189 | 281 | 718 | 1 238 | 23 592 | 32 952 |
| | | 15 561 | 997 | 4 207 | 1 198 | 642 | 71 | 9 349 | 504 | 35 493 | 1 566 | 70 650 | 10 524 | 112 651 | 5 695 |
| | | 8 | 7 | 3 | — | — | — | — | 9 | 9 | — | 134 | 40 | — | — |
| | | 5 | — | — | — | — | — | — | — | 26 | — | 24 | 3 | 24 | — |
| | | 17 | — | — | — | — | — | 4 | — | — | — | 57 | — | 66 | — |
| | | 13 | 5 | — | — | — | — | 6 | — | — | 13 | — | 35 | — | — |
| | | 5 | — | — | — | — | — | 27 | — | 38 | — | 66 | 8 | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | | Manufacturing, durable goods—Con. | | | | | | | | | | | | | |
|---|--------|--|--------|---|--------|--------------------------------------|--------|--------------------|--------|--|--------|---------------------------------------|--------|------|--------|
| | | Professional and photographic equipment and watches—Con. | | | | Ordnance | | | | Miscellaneous manufacturing industries | | Manufacturing durable goods—allocated | | | |
| | | Photographic equipment and supplies | | Watches, clocks, and clockwork-operated devices | | Not specified professional equipment | | Government workers | | Other workers | | Male | Female | Male | Female |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Craftsmen and kindred workers—Continued | | | | | | | | | | | | | | | |
| 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 39 | — | 24 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 268 | 4 | 56 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 98 | 101 | 20 | 10 | 9 | — | — | — | — | — | — | — | — | — | — | — |
| 53 | — | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 896 | 3 | 56 | 6 | 24 | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | 35 | 24 | 6 | — | — | — | — | — | — | — | — | — | — | — |
| 17 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | 198 | 1 111 | 149 | 208 | 41 | — | — | — | — | — | — | — | — | — | — |
| 4 | — | 9 | 4 | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 9 | — | 17 | 5 | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 | — | 10 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 33 | 135 | 1 164 | 762 | 5 | 9 | — | — | — | — | — | — | — | — | — | — |
| 50 | — | 35 | 6 | 5 | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 1 587 | 61 | 198 | 38 | 91 | 8 | — | — | — | — | — | — | — | — | — | — |
| 3 407 | 186 | 565 | 118 | 120 | 6 | — | — | — | — | — | — | — | — | — | — |
| 94 | — | 4 | — | 8 | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 66 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 1 851 | 84 | 498 | 39 | 72 | — | — | — | — | — | — | — | — | — | — | — |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 111 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 93 | 5 | 15 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 774 | 81 | 26 | 67 | 11 | 6 | — | — | — | — | — | — | — | — | — | — |
| 377 | 11 | 22 | 12 | 6 | — | — | — | — | — | — | — | — | — | — | — |
| 178 | — | 14 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | 14 | — | — | — | — | — | — | — | — | — | — | — | — |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 281 | 198 | — | — | 17 | — | — | — | — | — | — | — | — | — | — | — |
| 90 | 15 | 36 | 83 | 5 | — | — | — | — | — | — | — | — | — | — | — |
| 212 | — | 71 | — | 30 | — | — | — | — | — | — | — | — | — | — | — |
| 43 | 5 | — | — | 6 | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| United States | | Manufacturing, durable goods - Con. | | | | | | | | | | | | | |
|--|--------|--|--------|---|--------|--------------------------------------|--------|--------------------|--------|--|--------|---|---------|---------|--------|
| | | Professional and photographic equipment and watches - Con. | | | | Ordnance | | | | Miscellaneous manufacturing industries | | Manufacturing durable goods - allocated | | | |
| | | Photographic equipment and supplies | | Watches, clocks, and clockwork-operated devices | | Not specified professional equipment | | Government workers | | Other workers | | Male | Female | Male | Female |
| | | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Craftsmen and kindred workers - Continued | | | | | | | | | | | | | | | |
| Plumbers and pipe fitters | 705 | 7 | - | 20 | - | 18 | - | 268 | 5 | 911 | 18 | 535 | 11 | - | - |
| Power station operators | 25 | 38 | - | 7 | - | - | - | 10 | 14 | 47 | 28 | 10 | - | - | - |
| Pressmen and plate printers, printing | 124 | - | - | 15 | - | - | - | 53 | - | 185 | - | 564 | 159 | - | - |
| Rollers and finishers, metal | - | - | - | - | - | - | - | - | - | 2 | - | 28 | 21 | - | - |
| Roofers and slaters | 5 | - | - | - | - | - | - | - | - | 12 | - | 10 | 4 | - | - |
| Sheetmetal workers and linemasons | 429 | 7 | - | 11 | - | - | - | 193 | 4 | 845 | 17 | 1 070 | 5 | 370 | - |
| Shipfitters | 6 | - | - | - | - | - | - | - | - | 3 | - | 59 | 79 | - | - |
| Shoe repairmen | - | - | - | - | - | - | - | 15 | - | 15 | - | 1 447 | 99 | 17 | - |
| Sign painters and letterers | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Stationary engineers | 362 | - | - | 28 | 5 | 10 | - | 167 | 12 | 513 | 12 | 524 | 34 | 214 | - |
| Stone cutters and stone carvers | 43 | - | - | - | - | - | - | 9 | - | 54 | - | 18 | 6 | - | - |
| Structural metal craftsmen | 14 | - | - | - | - | - | - | 4 | - | 17 | - | 42 | - | - | - |
| Tailors | 38 | - | - | - | - | - | - | 50 | - | 72 | - | 79 | 90 | - | - |
| Telephone installers and repairmen | - | - | - | - | - | - | - | - | - | - | - | 92 | 13 | - | - |
| Telephone linemen and splicers | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Tile setters | 1 097 | 11 | - | 654 | 15 | 53 | - | 365 | 14 | 2 362 | 91 | 34 | 105 | 21 | 11 |
| Toal and die makers | 104 | - | - | 19 | 5 | 5 | - | 6 | - | 21 | 6 | 4 483 | 437 | 516 | - |
| Upshoers | 384 | 16 | - | 24 | - | 15 | - | 63 | - | 147 | 26 | 1 096 | 187 | 466 | 4 |
| Craftsmen and kindred workers, n.e.c. | - | - | - | - | - | - | - | 267 | 10 | 597 | 15 | 2 156 | 114 | 104 915 | 5 476 |
| Craftsmen and kindred workers - allocated | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Operators, except transport | | | | | | | | | | | | | | | |
| Asbestos and insulation workers | 17 863 | 10 857 | 970 | 3 340 | 10 842 | 502 | 6 522 | 9 671 | 24 832 | 39 121 | 24 832 | 91 713 | 116 766 | 188 504 | 85 132 |
| Assemblers | 2 090 | 4 208 | 192 | 436 | 4 206 | 157 | 2 256 | 1 832 | 9 094 | 30 | 9 094 | 9 795 | 26 220 | 1 043 | 659 |
| Blasters and powdermen | 45 | 10 | - | - | 5 | - | 71 | 118 | 25 | 154 | 25 | 14 | - | - | - |
| Boiling and canning operatives | - | - | - | - | - | - | - | 5 | 21 | 21 | 21 | 164 | 224 | 16 | 9 |
| Chinamen, roommen, and axmen; surveying | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Checkers, examiners, and inspectors; manufacturing | 2 757 | 2 381 | 169 | 450 | 1 732 | 105 | 1 388 | 2 074 | 5 650 | 8 161 | 5 650 | 4 270 | 8 875 | 22 | - |
| Clothing ironers and pressers | 656 | 137 | 14 | 41 | 51 | 5 | 7 | 24 | 89 | 250 | 89 | 30 | 62 | 216 | 33 |
| Cutting operatives, n.e.c. | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Dressmakers and seamstresses, except factory | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Drillers, earth | 23 | 12 | 21 | 11 | 30 | - | 17 | 20 | 88 | 118 | 88 | 163 | 125 | - | - |
| Dry wall installers and loathers | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Dyers | 17 | - | - | - | - | - | - | 8 | - | 18 | 5 | 15 | 5 | - | - |
| Filers, polishers, sanders, and buffers | 157 | 10 | 26 | 279 | 230 | - | 7 | 82 | 145 | 780 | 145 | 305 | 88 | 18 | - |
| Furnacemen, smeltermen, and pourers | 32 | 3 | - | 5 | - | - | - | 5 | - | 73 | - | 6 974 | 1 821 | 190 | 25 |
| Garage workers and gas station attendants | 5 | - | - | - | - | - | - | 12 | - | 46 | - | 179 | 37 | - | - |
| Graders and sorters, manufacturing | 20 | 39 | - | - | 33 | - | 15 | 8 | 47 | 27 | 47 | 319 | 814 | - | - |
| Produce graders and packers, except factory and farm | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Heaters, metal | - | - | - | - | - | - | - | 6 | - | 28 | - | 13 | 10 | 20 | - |
| Laundry and drycleaning operatives, n.e.c. | 10 | 9 | - | - | - | - | 9 | 37 | 53 | 43 | 53 | 32 | 10 | - | - |
| Meat cutters and butchers | - | 3 | - | - | 6 | - | - | - | - | 27 | - | 128 | 68 | - | - |
| Meat wrappers, retail trade | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Metal platers | 127 | - | - | 116 | 24 | - | - | 104 | 4 | 314 | 4 | 1 270 | 145 | 49 | 13 |
| Milliners | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Mine operatives, n.e.c. | 466 | - | 3 | - | - | - | 24 | 116 | 87 | - | 87 | 1 247 | 75 | 91 | - |
| Mixing operatives | 36 | 15 | - | 4 | 29 | - | 80 | 80 | 11 | 238 | 11 | 153 | 35 | 58 | - |
| Oilers and greasers, except auto | 754 | 739 | 57 | 122 | 346 | 31 | 173 | 190 | 568 | 492 | 568 | 3 836 | 12 577 | 258 | 270 |
| Packers and wrappers, except meat and produce | 246 | 21 | 15 | 62 | 79 | 12 | 44 | 222 | 117 | 633 | 117 | 2 868 | 2 369 | 152 | 9 |
| Painters, manufactured articles | 1 570 | 651 | 6 | 6 | - | - | 30 | 30 | 167 | 219 | 167 | 60 | 86 | 75 | 3 |
| Photographic process workers | 848 | 104 | 112 | 366 | 287 | 21 | 147 | 666 | 586 | 3 679 | 586 | 3 477 | 961 | 1 216 | 82 |
| Precision machine operatives | 188 | 65 | 15 | 30 | 113 | 21 | 49 | 97 | 324 | 626 | 324 | 746 | 532 | 236 | 44 |
| Drill press operatives | 128 | 4 | 13 | 25 | - | - | 11 | 169 | 34 | 888 | 34 | 718 | 92 | 287 | 20 |
| Grinding machine operatives | 379 | 30 | 61 | 57 | 88 | - | 64 | 304 | 64 | 1 492 | 193 | 1 416 | 201 | 337 | 8 |
| Lathe and milling machine operatives | - | 5 | 23 | 254 | 86 | - | 23 | 96 | 23 | - | 35 | 597 | 136 | 156 | 10 |
| Precision machine operatives, n.e.c. | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | | Manufacturing, durable goods—Con. | | | | | | | | | | | | | |
|---|--|--|--------|---|--------|--------------------------------------|--------|--------------------|--------|--|--------|---------------------------------------|--------|---------|--------|
| | | Professional and photographic equipment and watches—Con. | | | | Ordnance | | | | Miscellaneous manufacturing industries | | Manufacturing durable goods—allocated | | | |
| | | Photographic equipment and supplies | | Watches, clocks, and clockwork-operated devices | | Not specified professional equipment | | Government workers | | Other workers | | Male | Female | Male | Female |
| | | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Operatives, except transport—Continued | | | | | | | | | | | | | | | |
| Punch and stamping press operatives | | 322 | 198 | 69 | 273 | 11 | 24 | 89 | 11 | 430 | 202 | 1 484 | 2 429 | 300 | 124 |
| Riveters and fasteners | | 19 | 21 | 9 | 33 | — | — | 14 | 6 | 94 | 19 | 334 | 575 | 7 | 15 |
| Sailors and deckhands | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sawyers | | 13 | 51 | 18 | 17 | — | — | 36 | — | 156 | 20 | 1 152 | 266 | 109 | 10 |
| Sewers and stitchers | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Shoemaking machine operatives | | 9 | 182 | 25 | 125 | — | — | 19 | 485 | 46 | 1 037 | 1 013 | 8 581 | — | — |
| Solderers | | 89 | 6 | 12 | — | — | — | 12 | 88 | 23 | 495 | 27 | 50 | 17 | 83 |
| Stationary firemen | | — | — | 12 | — | — | — | 154 | — | 792 | 25 | 517 | 1 893 | 135 | 30 |
| Textile operatives | | | | | | | | | | | | | | | |
| Carding, lapping, and combing operatives | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Knitters, loopers, and toppers | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Spinners, twistors, and winders | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Weavers | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Textile operatives, n.e.c. | | | | | | | | | | | | | | | |
| Welders and flamecutters | | 438 | 36 | 39 | 51 | 8 | — | 402 | 54 | 2 385 | 397 | 3 554 | 702 | 2 080 | 112 |
| Winding operatives, n.e.c. | | 327 | 58 | 22 | 133 | — | — | 13 | 6 | 62 | 90 | 432 | 1 033 | 67 | 26 |
| Machine operatives, miscellaneous specified | | 3 268 | 896 | 416 | 1 077 | 125 | 38 | 1 145 | 482 | 4 415 | 1 906 | 17 318 | 16 021 | 1 176 | 338 |
| Machine operatives, not specified | | 1 699 | 443 | 420 | 899 | 110 | 41 | 969 | 465 | 4 428 | 2 169 | 8 565 | 9 720 | 835 | 195 |
| Miscellaneous operatives | | 966 | 266 | 264 | 738 | 57 | 29 | 575 | 393 | 2 055 | 907 | 12 021 | 13 024 | 719 | 119 |
| Not specified operatives | | 612 | 229 | 132 | 408 | 31 | 16 | 471 | 257 | 1 561 | 667 | 5 479 | 5 348 | 1 279 | 395 |
| Operatives, except transport—allocated | | 170 | 129 | 8 | 40 | 7 | — | 123 | 95 | 308 | 141 | 1 505 | 882 | 178 333 | 82 570 |
| Transport equipment operatives | | | | | | | | | | | | | | | |
| Boatmen and condimen | | 1 082 | 8 | 122 | 8 | 65 | — | 1 420 | 40 | 3 147 | 89 | 7 237 | 169 | 21 554 | 177 |
| Bus drivers | | — | — | — | — | — | — | — | — | 57 | — | 4 | — | — | — |
| Conductors and motormen, urban rail transit | | 11 | — | — | — | — | — | 37 | — | 33 | — | 12 | 4 | — | — |
| Deliverymen and routemen | | 195 | 8 | 30 | — | 6 | — | 47 | — | 159 | 17 | 1 991 | 43 | 904 | 19 |
| Fork lift and tow motor operatives | | 455 | — | 16 | — | 35 | — | 576 | 20 | 1 307 | 35 | 1 812 | 51 | 651 | 6 |
| Motormen, mine, factory, logging comp., etc. | | — | — | — | — | — | — | 5 | — | — | — | 4 | — | — | — |
| Parking attendants | | 10 | — | — | 5 | — | — | — | — | — | — | 6 | — | — | — |
| Railroad brakemen | | 5 | — | — | — | — | — | 53 | — | 37 | — | 5 | — | — | — |
| Railroad switchmen | | 4 | — | — | — | — | — | 21 | — | 21 | — | 7 | — | — | — |
| Toxicab drivers and chauffeurs | | 47 | — | 19 | — | — | — | 42 | — | 77 | — | 155 | — | — | — |
| Truck drivers | | 308 | — | 51 | — | 24 | — | 540 | 11 | 1 333 | 30 | 2 662 | 61 | 3 197 | 10 |
| Transport equipment operatives—allocated | | 47 | — | 6 | 3 | — | — | 99 | 9 | 123 | — | 586 | 10 | 16 802 | 142 |
| Labors, except farm | | | | | | | | | | | | | | | |
| Animal caretakers, except farm | | 1 515 | 161 | 349 | 275 | 136 | 17 | 1 918 | 489 | 4 519 | 1 378 | 10 043 | 3 965 | 37 566 | 3 089 |
| Carpenters' helpers | | 5 | — | — | — | — | — | 9 | — | 21 | — | 73 | 5 | 21 | — |
| Construction laborers, except carpenters' helpers | | 5 | — | 5 | — | — | — | 63 | — | 101 | 5 | 198 | 9 | — | — |
| Fishermen and oystermen | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Freight and material handlers | | 467 | 58 | 121 | 93 | 61 | 7 | 652 | 100 | 1 431 | 364 | 2 703 | 786 | 837 | 26 |
| Garbage collectors | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Gardeners and groundskeepers, except farm | | 71 | — | 27 | — | — | — | 61 | — | 117 | 5 | 166 | 23 | — | — |
| Longshoremen and stevedores | | 5 | — | — | — | — | — | 58 | — | 14 | 10 | 12 | 8 | — | — |
| Lumbermen, raftsmen, and woodchoppers | | — | — | — | — | — | — | — | — | 5 | — | 34 | — | — | — |
| Stock handlers | | 276 | 16 | 103 | 34 | 22 | — | 63 | 30 | 280 | 145 | 1 356 | 930 | 429 | 45 |
| Teamsters | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Vehicle washers and equipment cleaners | | 97 | 6 | 9 | 16 | — | — | 63 | 9 | 198 | 35 | 355 | 126 | 99 | — |
| Warehousemen, n.e.c. | | 93 | — | — | — | 6 | — | 151 | 5 | 150 | 4 | 505 | 229 | 105 | 6 |
| Miscellaneous laborers | | 293 | 67 | 15 | 34 | 21 | 9 | 236 | 86 | 653 | 535 | 511 | 405 | 292 | 6 |
| Not specified laborers | | 68 | — | 69 | 88 | 22 | 5 | 493 | 212 | 1 381 | 18 | 3 406 | 1 601 | 1 593 | 90 |
| Labors, except farm—allocated | | — | — | — | — | — | — | 64 | 1 | 163 | — | 707 | 41 | 34 190 | 2 916 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| | | Manufacturing, durable goods—Con. | | | | | | | | | | | | | |
|---|--|--|--------|---|--------|--------------------------------------|--------|--------------------|--------|--|--------|---------------------------------------|--------|--------|--------|
| | | Professional and photographic equipment and watches—Con. | | | | Ordnance | | | | Miscellaneous manufacturing industries | | Manufacturing durable goods—allocated | | | |
| | | Photographic equipment and supplies | | Watches, clocks, and clockwork-operated devices | | Not specified professional equipment | | Government workers | | Other workers | | Male | Female | Male | Female |
| | | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| United States | | | | | | | | | | | | | | | |
| Farmers and farm managers | | | | | | | | | | | | | | | |
| Farm foremen | | | | | | | | | | | | | | | |
| Farm laborers and farm foremen | | | | | | | | | | | | | | | |
| Farm laborers, wage workers | | | | | | | | | | | | | | | |
| Farm laborers, unpaid family workers | | | | | | | | | | | | | | | |
| Farm service laborers, self-employed | | | | | | | | | | | | | | | |
| Farm laborers and farm foremen—allocated | | | | | | | | | | | | | | | |
| Service workers, except private household | | | | | | | | | | | | | | | |
| Cleaning service workers | | 2 452 | 367 | 412 | 110 | 124 | 17 | 1 755 | 249 | 5 225 | 730 | 7 618 | 2 112 | 19 110 | 3 051 |
| Chambermaids and maids, except private household | | 1 607 | 78 | 302 | 32 | 99 | 5 | 868 | 119 | 2 380 | 223 | 5 201 | 629 | 2 818 | 609 |
| Cleaners and charwomen | | 148 | 6 | 65 | 16 | 16 | — | 44 | 4 | 5 | 4 | 11 | 45 | 28 | 234 |
| Janitors and sextons | | 1 459 | 30 | 237 | 16 | 83 | 5 | 824 | 82 | 2 253 | 178 | 4 629 | 310 | 2 278 | 167 |
| Food service workers, n.e.c., except private household | | | | | | | | | | | | | | | |
| Food service workers | | 105 | 193 | 13 | 35 | — | 9 | 30 | 33 | 103 | 139 | 98 | 308 | — | — |
| Bartenders | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Busboys | | 4 | 5 | 4 | — | — | — | — | — | 15 | 5 | — | — | — | — |
| Cooks, except private household | | 44 | 48 | 5 | 10 | — | — | 27 | 16 | 39 | 40 | 37 | 56 | — | — |
| Dishwashers | | 29 | 29 | 4 | 6 | — | — | 3 | 6 | 23 | — | 17 | 17 | — | — |
| Food counter and fountain workers | | 7 | 27 | — | — | — | — | — | 5 | 4 | 35 | — | — | — | — |
| Waiters | | 11 | 31 | — | 13 | — | — | — | 6 | 17 | 17 | 17 | 123 | — | — |
| Food service workers, n.e.c., except private household | | 10 | 82 | — | 6 | — | 4 | — | 6 | 22 | 42 | 27 | 79 | — | — |
| Health service workers | | | | | | | | | | | | | | | |
| Health workers | | — | 6 | — | 11 | — | — | 5 | 6 | 5 | 40 | 13 | 15 | — | — |
| Dental assistants | | — | — | — | — | — | — | — | 6 | — | — | 7 | — | — | — |
| Health aides, except nursing | | — | — | — | — | — | — | — | — | 5 | 4 | — | 4 | — | — |
| Health trainees | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Lay midwives | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Nursing aides, orderlies, and attendants | | — | 6 | — | 11 | — | — | — | — | — | 20 | — | 11 | — | — |
| Practical nurses | | — | — | — | — | — | — | 5 | — | — | 16 | 6 | — | — | — |
| Personal service workers | | | | | | | | | | | | | | | |
| Airline stewardesses | | 46 | 51 | 5 | — | — | — | 23 | 21 | 55 | 95 | 250 | 341 | 131 | 304 |
| Attendants, recreation and amusement | | — | — | — | — | — | — | — | — | — | 19 | 4 | 4 | — | — |
| Attendants, personal service, n.e.c. | | — | 36 | — | — | — | — | 6 | 21 | 10 | 61 | 18 | 69 | 24 | 41 |
| Baggage porters and bellhops | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Barbers | | 10 | — | — | — | — | — | — | — | 5 | — | — | 6 | — | — |
| Boarding and lodging house keepers | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Bootblacks | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Child care workers, except private household | | 6 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Elevator operators | | 9 | — | 5 | — | — | — | 17 | — | 17 | 5 | 151 | 4 | 25 | 159 |
| Hairdressers and cosmetologists | | — | — | — | — | — | — | — | — | 6 | — | 41 | 4 | 52 | 13 |
| Housekeepers, except private household | | — | — | — | — | — | — | — | — | 17 | 10 | 36 | 29 | 30 | 91 |
| School monitors | | 21 | 15 | — | — | — | — | — | — | — | — | — | — | — | — |
| Ushers, recreation and amusement | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Welfare service aides | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Protective service workers | | | | | | | | | | | | | | | |
| Crossing guards and bridge tenders | | 642 | 9 | 88 | 15 | 20 | — | 779 | 11 | 2 485 | 134 | 1 330 | 71 | 699 | 30 |
| Firemen, fire protection | | 63 | — | — | — | — | — | 83 | — | 225 | 4 | 36 | 18 | — | — |
| Guards and watchmen | | 570 | 9 | 88 | 15 | 20 | — | 638 | 11 | 2 216 | 118 | 1 265 | 42 | 699 | 30 |
| Marshals and constables | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Policemen and detectives | | 9 | — | — | — | — | — | 58 | — | 44 | 12 | 29 | 11 | — | — |
| Sheriffs and bailiffs | | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Service workers, except private household—allocated | | 52 | 30 | 4 | 17 | 5 | 3 | 50 | 59 | 197 | 99 | 726 | 748 | 15 462 | 2 108 |
| Private household workers | | | | | | | | | | | | | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | Manufacturing, nondurable goods | | | | | | | | | | | | | | | |
|--|---------------------------------|-----------|---------------|--------|----------------|--------|---|--------|---------------------|--------|-----------------|--------|------------------------------------|--------|--------------------------|--------|
| | Food and kindred products | | | | | | | | | | | | | | | |
| | Total | | Meat products | | Dairy products | | Canning and preserving fruits, vegetables, and seafoods | | Grain-mill products | | Bakery products | | Confectionery and related products | | Beverages and industries | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Total employed, 16 years old and over..... | 4 925 456 | 3 170 735 | 203 573 | 76 679 | 134 459 | 24 419 | 116 042 | 82 791 | 100 099 | 18 159 | 119 134 | 44 732 | 34 421 | 34 788 | 172 437 | 28 835 |
| Professionals, technical, and kindred workers..... | 488 873 | 177 092 | 5 209 | 1 058 | 4 951 | 1 485 | 6 711 | 2 543 | 5 666 | 1 144 | 2 439 | 538 | 1 771 | 545 | 8 371 | 1 336 |
| Accountants..... | 47 335 | 12 358 | 1 427 | 285 | 1 098 | 284 | 1 240 | 354 | 947 | 303 | 488 | 130 | 304 | 82 | 1 395 | 419 |
| Architects..... | 430 | 5 | 8 | — | 14 | — | — | — | — | — | — | — | — | — | 22 | — |
| Computer specialists..... | 15 958 | 3 461 | 239 | 32 | 197 | 31 | 288 | 60 | 140 | 41 | 90 | 9 | 87 | 32 | 240 | 63 |
| Computer programmers..... | 10 048 | 2 596 | 181 | 32 | 114 | 22 | 199 | 55 | 93 | 27 | 78 | 6 | 53 | 32 | 163 | 47 |
| Computer systems analysts..... | 5 112 | 764 | 55 | — | 59 | 9 | 81 | 5 | 32 | 14 | 12 | 3 | 29 | 16 | 77 | 16 |
| Computer specialists, n.e.c..... | 798 | 101 | 3 | — | 24 | — | 8 | — | 15 | — | 5 | — | — | — | — | — |
| Engineers..... | 103 040 | 1 628 | 1 299 | 20 | 837 | — | 1 580 | 76 | 998 | 19 | 792 | 13 | 455 | 7 | 1 438 | 12 |
| Aeronautical and astronautical..... | 155 | 11 | — | — | 4 | — | — | — | — | — | — | — | — | — | — | — |
| Chemical..... | 33 297 | 318 | 20 | — | 26 | — | 39 | — | 119 | — | 8 | — | — | — | 109 | — |
| Civil..... | 3 916 | 74 | 69 | — | 39 | — | 49 | — | 59 | — | 64 | — | 11 | — | 81 | — |
| Electrical and electronic..... | 6 128 | 55 | 35 | — | 38 | — | 148 | — | 35 | — | 58 | — | — | — | 135 | — |
| Industrial..... | 24 803 | 860 | 744 | 15 | 480 | — | 638 | 59 | 407 | 14 | 343 | 8 | 211 | 7 | 539 | 5 |
| Mechanical..... | 14 045 | 140 | 235 | 5 | 169 | — | 336 | 12 | 116 | — | 142 | — | 90 | — | 306 | — |
| Metallurgical and materials..... | 435 | 3 | — | — | 5 | — | — | — | — | — | — | — | — | — | 10 | — |
| Mining..... | 32 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Petroleum..... | 1 170 | 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sales..... | 3 723 | 26 | 10 | — | — | — | 5 | — | 14 | — | — | — | 14 | — | 5 | — |
| Engineers, n.e.c..... | 15 336 | 127 | 166 | — | 76 | — | 361 | 5 | 248 | 5 | 177 | — | 117 | — | 253 | — |
| Farm management advisors..... | 14 | — | — | — | — | — | 4 | — | — | — | — | — | — | — | — | — |
| Foresters and conservationists..... | 1 146 | 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Home management advisors..... | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Lowerers and judges..... | 3 569 | 139 | 46 | — | 60 | — | 40 | — | 30 | — | 15 | — | 6 | — | 112 | — |
| Judges..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Lawyers..... | 3 569 | 139 | 46 | — | 60 | — | 40 | — | 30 | — | 15 | — | 6 | — | 112 | — |
| Librarians, archivists, and curators..... | 378 | 1 001 | 46 | — | — | — | 5 | — | 5 | — | — | — | — | — | — | — |
| Librarians..... | 352 | 979 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Archivists and curators..... | 26 | 22 | — | — | — | — | 5 | — | — | — | — | — | — | — | — | — |
| Mathematical specialists..... | 1 492 | 769 | 23 | — | 5 | — | 10 | — | — | — | 10 | — | 15 | — | — | — |
| Actuaries..... | 77 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mathematicians..... | 273 | 53 | 7 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Statisticians..... | 1 147 | 716 | 16 | — | 5 | — | 4 | — | — | — | — | — | — | — | — | — |
| Life and physical scientists..... | 49 141 | 5 542 | 253 | 46 | 167 | 16 | 749 | 178 | 782 | 82 | 10 | 11 | 15 | 28 | 49 | 29 |
| Agricultural..... | 714 | 26 | 10 | — | 19 | — | 107 | — | 23 | — | 98 | 26 | 180 | 28 | 1 070 | 107 |
| Atmospheric and space..... | 47 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Biological..... | 2 699 | 1 077 | 38 | — | 26 | — | 90 | 49 | 64 | 17 | 5 | 5 | — | — | — | — |
| Chemists..... | 43 631 | 4 331 | 205 | 29 | 122 | 5 | 552 | 129 | 695 | 65 | 87 | 21 | 176 | 17 | 91 | 12 |
| Geologists..... | 863 | 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Marine..... | 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Physicists and astronomers..... | 1 039 | 52 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Life and physical, n.e.c..... | 120 | 33 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Operations and systems researchers and analysts..... | 9 865 | 919 | 76 | 5 | 67 | 3 | 152 | 17 | 123 | 15 | 79 | 9 | 92 | 10 | 270 | 16 |
| Personnel and labor relations workers..... | 23 109 | 5 199 | 543 | 93 | 291 | 10 | 715 | 172 | 442 | 11 | 322 | 42 | 167 | 44 | 766 | 52 |
| Physicians, dentists, and related practitioners..... | 1 506 | 458 | 64 | — | 78 | — | 4 | — | 57 | 6 | — | — | — | — | 12 | — |
| Chiropractors..... | — | 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Dentists..... | 16 | 15 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Optometrists..... | 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Pharmacists..... | 634 | 349 | — | — | 8 | — | — | — | — | — | — | — | — | — | — | — |
| Physicians, medical and osteopathic..... | 545 | 79 | 5 | — | 5 | — | — | — | — | — | — | — | — | — | — | — |
| Podiatrists..... | 20 | 6 | 11 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Veterinarians..... | 245 | 6 | 48 | — | 5 | — | — | — | — | — | — | — | — | — | — | — |
| Health practitioners, n.e.c..... | 27 | 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | Manufacturing, nondurable goods | | | | | | | | | | | | | | | | |
|---------------|---------------------------------|------|---------------|-------|----------------|-------|---|-------|---------------------|------|-----------------|------|------------------------------------|-------|--------------------------|------|--------|
| | Food and kindred products | | | | | | | | | | | | | | | | |
| | Total | | Meat products | | Dairy products | | Canning and preserving fruits, vegetables, and seafoods | | Grain-mill products | | Bakery products | | Confectionery and related products | | Beverages and industries | | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| 354 | 4 482 | — | 190 | 7 | 28 | — | 197 | 145 | 46 | — | 56 | — | 74 | 5 | 115 | — | — |
| 228 | 90 | — | 143 | 13 | 13 | — | 14 | 145 | — | — | — | — | — | 5 | 17 | — | — |
| 85 | 4 343 | — | 190 | 7 | 15 | — | 183 | — | 46 | — | 56 | — | 74 | — | 98 | — | — |
| 41 | 49 | — | — | 5 | 6 | — | 6 | 15 | — | — | — | — | — | — | — | — | — |
| 850 | 467 | — | — | 5 | — | — | 6 | — | — | — | — | — | — | — | — | — | — |
| 233 | 322 | — | — | 5 | — | — | 6 | — | — | — | — | — | — | — | — | — | — |
| 5 | 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 25 | 33 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 14 | 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 50 | 35 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 523 | 54 | — | — | — | 6 | — | — | 15 | — | — | — | — | — | — | — | — | — |
| 126 | 36 | 27 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 66 | — | 16 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 66 | 11 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 36 | 60 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 8 892 | 876 | 106 | 14 | 71 | 5 | 204 | 5 | 103 | 4 | 78 | — | 43 | — | 386 | 22 | — | — |
| 8 670 | 814 | 101 | 14 | 71 | 5 | 204 | 5 | 103 | 4 | 78 | — | 43 | — | 375 | 17 | — | — |
| 28 | 9 | 5 | — | — | — | — | — | — | — | — | — | — | — | 6 | 5 | — | — |
| 95 | 26 | — | — | — | — | — | — | — | — | — | — | — | — | 5 | — | — | — |
| 6 | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 71 | 3 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | 20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 213 | 87 | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 79 | 65 | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 134 | 22 | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 874 | 1 369 | — | 5 | 6 | 5 | — | 4 | 6 | — | 5 | 6 | 7 | 17 | 21 | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 580 | 1 413 | 16 | — | 7 | — | 12 | — | 11 | — | — | — | — | — | 5 | — | — | — |
| 90 431 | 22 275 | 590 | 190 | 1 731 | 1 001 | 1 033 | 1 220 | 1 359 | 490 | 177 | 138 | 266 | 158 | 1 390 | 302 | — | — |
| 9 495 | 6 536 | 309 | 143 | 1 585 | 972 | 577 | 1 035 | 924 | 437 | 73 | 118 | 200 | 142 | 853 | 233 | — | — |
| 34 665 | 5 860 | 9 | 3 | 12 | — | 28 | 18 | 73 | 15 | 18 | — | 30 | — | 88 | 19 | — | — |
| 13 768 | 1 400 | 109 | 6 | 21 | 5 | 283 | 5 | 154 | — | 38 | — | 21 | — | 156 | 10 | — | — |
| 2 426 | 160 | 28 | — | 5 | — | 26 | 9 | 6 | — | 4 | — | 5 | — | 28 | 5 | — | — |
| 3 603 | 959 | 86 | 25 | 68 | 4 | 30 | 94 | 63 | 8 | 16 | 15 | 5 | 6 | 170 | 26 | — | — |
| 627 | 12 | 16 | — | — | — | 11 | 5 | 11 | — | — | — | 4 | — | — | — | — | — |
| 387 | 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 26 056 | 7 273 | 33 | 13 | 40 | 20 | 78 | 42 | 128 | 30 | 24 | 5 | 6 | 10 | 86 | 4 | — | — |
| 2 715 | 273 | 21 | — | 17 | 6 | 34 | — | 48 | — | 34 | — | 8 | — | 88 | 29 | — | — |
| 1 134 | 13 | 10 | — | 12 | — | 20 | — | 42 | — | 25 | — | 4 | — | 57 | 3 | — | — |
| 20 | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 173 | 55 | — | — | 5 | — | 5 | — | — | — | 5 | — | 4 | — | 21 | 16 | — | — |
| 113 | 39 | 11 | — | — | — | — | — | — | — | — | — | — | — | 4 | — | — | — |
| 1 270 | 161 | — | — | — | 6 | 9 | — | 6 | — | 4 | — | — | — | 4 | — | — | — |
| 164 | 186 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| United States | | Manufacturing, nondurable goods | | | | | | | | | | | | | |
|---------------|---------------|---------------------------------|----------------|--------|---|--------|---------------------|--------|-----------------|--------|------------------------------------|--------|----------------------|--------|-----|
| | | Food and kindred products | | | | | | | | | | | | | |
| Total | Meat products | | Dairy products | | Canning and preserving fruits, vegetables, and seafoods | | Grain-mill products | | Bakery products | | Confectionary and related products | | Beverages industries | | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| 96 825 | 55 356 | 203 | 40 | 211 | 28 | 222 | 37 | 190 | 20 | 96 | 23 | 58 | 18 | 848 | 93 |
| 16 | 10 | 14 | 6 | 11 | 1 | 11 | 1 | 4 | 1 | 1 | 1 | 1 | 1 | 15 | 3 |
| 231 | 49 | 803 | 11 | 24 | 5 | 21 | 4 | 10 | 4 | 33 | 5 | 25 | 5 | 5 | 6 |
| 1 372 | 803 | 30 | 7 | 24 | 4 | 5 | 4 | 5 | 4 | 33 | 6 | 25 | 5 | 45 | 10 |
| 38 | 11 | 10 | 7 | 17 | 4 | 22 | 10 | 39 | 6 | 14 | 9 | 14 | 9 | 92 | 12 |
| 12 355 | 8 028 | 30 | 7 | 24 | 4 | 5 | 4 | 5 | 4 | 33 | 6 | 25 | 5 | 45 | 10 |
| 51 180 | 36 341 | 10 | 7 | 17 | 4 | 22 | 10 | 39 | 6 | 14 | 9 | 14 | 9 | 92 | 12 |
| 270 | 89 | 5 | 7 | 17 | 4 | 22 | 10 | 39 | 6 | 14 | 9 | 14 | 9 | 92 | 12 |
| 11 473 | 6 392 | 19 | 7 | 17 | 4 | 22 | 10 | 39 | 6 | 14 | 9 | 14 | 9 | 92 | 12 |
| 12 057 | 1 265 | 121 | 15 | 170 | 24 | 124 | 17 | 109 | 10 | 51 | 23 | 19 | 19 | 632 | 45 |
| 5 936 | 1 552 | 121 | 15 | 170 | 24 | 124 | 17 | 109 | 10 | 51 | 23 | 19 | 19 | 632 | 45 |
| 44 | 27 | 4 | 5 | 20 | 4 | 20 | 4 | 6 | 6 | 7 | 7 | 4 | 4 | 18 | 23 |
| 1 853 | 789 | 78 | 91 | 41 | 4 | 206 | 47 | 157 | 8 | 73 | 7 | 49 | 6 | 94 | 19 |
| 9 703 | 1 738 | 180 | 91 | 101 | 34 | 207 | 74 | 103 | 48 | 77 | 36 | 34 | 53 | 151 | 41 |
| 20 139 | 6 481 | 180 | 91 | 101 | 34 | 207 | 74 | 103 | 48 | 77 | 36 | 34 | 53 | 151 | 41 |
| 401 913 | 37 919 | 13 515 | 657 | 11 308 | 709 | 10 504 | 693 | 10 445 | 427 | 7 796 | 695 | 3 147 | 430 | 15 729 | 788 |
| 5 971 | 468 | 146 | 14 | 145 | 138 | 138 | 13 | 88 | 16 | 101 | 16 | 29 | 29 | 209 | 9 |
| 3 328 | 19 | 2 065 | 19 | 511 | 504 | 504 | 142 | 142 | 8 | 8 | 8 | 8 | 8 | 112 | 43 |
| 4 459 | 1 003 | 176 | 16 | 223 | 32 | 64 | 29 | 131 | 11 | 36 | 23 | 41 | 16 | 112 | 43 |
| 17 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 269 | 14 | 10 | 180 | 557 | 4 | 448 | 148 | 375 | 107 | 429 | 139 | 92 | 48 | 527 | 264 |
| 12 281 | 7 187 | 457 | 180 | 219 | 219 | 78 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 5 | 5 |
| 333 | 8 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 23 133 | 2 714 | 1 196 | 43 | 332 | 27 | 886 | 74 | 648 | 30 | 364 | 28 | 227 | 38 | 483 | 28 |
| 242 | 325 | 29 | 41 | 6 | 6 | 5 | 39 | 9 | 4 | 3 | 3 | 9 | 4 | 5 | 26 |
| 57 173 | 3 005 | 1 373 | 16 | 1 237 | 11 | 935 | 5 | 1 241 | 16 | 1 760 | 41 | 491 | 41 | 3 618 | 45 |
| 278 883 | 21 302 | 7 932 | 313 | 8 166 | 411 | 7 346 | 372 | 7 719 | 249 | 4 976 | 432 | 2 222 | 283 | 10 635 | 373 |
| 255 003 | 17 578 | 6 903 | 252 | 7 404 | 330 | 6 887 | 316 | 6 625 | 220 | 4 523 | 348 | 1 954 | 189 | 10 118 | 321 |
| 23 880 | 3 724 | 1 029 | 61 | 762 | 81 | 459 | 56 | 1 094 | 29 | 453 | 84 | 268 | 94 | 517 | 52 |
| 15 824 | 1 874 | 131 | 15 | 131 | 5 | 100 | 13 | 71 | 10 | 122 | 13 | 36 | 36 | 123 | 12 |
| 294 225 | 43 397 | 8 075 | 790 | 4 368 | 835 | 2 659 | 342 | 5 443 | 131 | 7 234 | 3 278 | 2 036 | 872 | 12 154 | 378 |
| 14 447 | 4 154 | 15 | 10 | 34 | 9 | 13 | 6 | 16 | 10 | 15 | 6 | 6 | 6 | 194 | 17 |
| 185 | 765 | 144 | 144 | 179 | 179 | 24 | 24 | 10 | 6 | 42 | 42 | 6 | 6 | 4 | 71 |
| 46 387 | 8 737 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 209 674 | 25 330 | 7 951 | 579 | 4 244 | 647 | 2 577 | 201 | 5 367 | 106 | 7 100 | 3 167 | 1 983 | 852 | 11 844 | 271 |
| 23 522 | 4 400 | 109 | 57 | 90 | 67 | 69 | 111 | 50 | 9 | 119 | 56 | 47 | 14 | 112 | 19 |

Professional, technical, and kindred workers - Continued
 Writers, artists, and entertainers
 Actors
 Athletes and kindred workers
 Authors
 Dancers
 Designers
 Editors and reporters
 Musicians and composers
 Painters and sculptors
 Photographers
 Public relations men and publicity writers
 Radio and television announcers
 Writers, artists, and entertainers, n.e.c.
 Research workers, not specified
 Professional, technical, and kindred workers - allocated

Managers and administrators, except farm
 Assessors, controllers, and treasurers; local public administration
 Bank officers and financial managers
 Buyers and shippers, farm products
 Buyers, wholesale and retail trade
 Credit men
 Funeral directors
 Health administrators
 Construction inspectors; public administration
 Inspectors, except construction; public administration
 Managers and superintendents, building
 Office managers, n.e.c.
 Officers, pilots, and pursers; ship
 Officials and administrators; public administration, n.e.c.
 Officials of lodges, societies, and unions
 Postmasters and mail superintendents
 Purchasing agents and buyers, n.e.c.
 Railroad conductors
 Restaurant, cafeteria, and bar managers
 Sales managers and department heads, retail trade

Sales managers, except retail trade
 School administrators, college
 School administrators, elementary and secondary
 Managers and administrators, n.e.c., (excl. office managers, n.e.c.)
 Self-employed
 Self-employed
 Managers and administrators, except farm - allocated
 Sales workers
 Advertising agents and salesmen
 Auctioneers
 Demonstrators
 Hucksters and peddlers
 Insurance agents, brokers, and underwriters
 Newsboys
 Real estate agents and brokers
 Stock and bond salesmen
 Salesmen and sales clerks, n.e.c.
 Sales workers - allocated

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| Occupation | Manufacturing, nondurable goods | | | | | | | | | | | | | | | |
|---|---------------------------------|---------|---------------|--------|----------------|--------|---|--------|---------------------|--------|-----------------|--------|------------------------------------|--------|--------------------------|--------|
| | Food and kindred products | | | | | | | | | | | | | | | |
| | Total | | Meat products | | Dairy products | | Canning and preserving fruits, vegetables, and seafoods | | Grain-mill products | | Bakery products | | Confectionery and related products | | Beverages and industries | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| United States | 331 903 | 715 336 | 11 332 | 13 661 | 5 358 | 12 148 | 6 019 | 13 770 | 4 542 | 9 284 | 6 247 | 8 959 | 2 424 | 5 339 | 7 620 | 14 899 |
| Clerical and kindred workers | 17 256 | 43 102 | 367 | 1 228 | 221 | 1 135 | 358 | 714 | 148 | 513 | 153 | 1 104 | 117 | 371 | 314 | 749 |
| Bank tellers | 2 083 | 13 130 | 210 | 208 | 27 | 293 | 31 | 216 | 35 | 141 | 19 | 168 | 16 | 147 | 49 | 217 |
| Billing clerks | 25 641 | 98 885 | 1 288 | 3 086 | 1 013 | 4 060 | 638 | 2 193 | 846 | 2 334 | 379 | 2 030 | 189 | 889 | 1 226 | 3 796 |
| Bookkeepers | 1 324 | 4 487 | 82 | 253 | 108 | 248 | 35 | 94 | 18 | 45 | 109 | 407 | 66 | 66 | 216 | 196 |
| Cashiers | 3 011 | 2 186 | 46 | 3 | 47 | 27 | 92 | 29 | 56 | 14 | 52 | 50 | 12 | 24 | 95 | 48 |
| Clerical assistants, social welfare | 3 889 | 585 | 11 | 17 | 4 | 8 | 24 | 87 | 68 | 108 | 189 | 267 | 35 | 81 | 165 | 112 |
| Clerical supervisors, n.e.c. | 6 152 | 14 254 | 155 | 112 | 161 | 194 | 78 | 6 | 95 | 6 | 33 | 5 | 6 | 3 | 141 | — |
| Collectors, bill and account | 1 710 | 203 | 118 | 13 | 97 | — | — | — | — | — | — | — | — | — | — | — |
| Counter clerks, except food | 455 | 880 | 12 | 21 | 68 | 42 | 5 | 7 | 6 | 4 | 36 | 19 | 32 | 39 | 5 | 4 |
| Dispatchers and starters, vehicle | 8 201 | 3 597 | 77 | 80 | 261 | 111 | 69 | 39 | 100 | 34 | 194 | 73 | 99 | 80 | 100 | 48 |
| Enumerators and interviewers | 22 901 | 8 701 | 300 | 238 | 30 | 177 | 225 | 147 | 268 | 68 | 30 | 128 | 19 | 207 | 465 | 87 |
| Estimators and production controllers | 4 541 | 23 113 | 46 | 6 | — | — | — | — | — | — | — | — | — | — | 93 | 316 |
| File clerks | 71 | 54 | 6 | — | — | — | — | — | — | — | — | — | — | — | — | 5 |
| Insurance adjusters, examiners, and investigators | 200 | 722 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Library attendants and assistants | 15 563 | 7 799 | 128 | 51 | 25 | 39 | 100 | 99 | 56 | 69 | 47 | 28 | 24 | 49 | 107 | 37 |
| Mail carriers, post office | 5 813 | 1 196 | 51 | 23 | 5 | — | 32 | 5 | 43 | 29 | 36 | 5 | 20 | 4 | 67 | 22 |
| Mail handlers, except post office | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Messengers, including telegraph, and office boys | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Meter readers, utilities | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Office machine operators | 17 256 | 43 102 | 367 | 1 228 | 221 | 1 135 | 358 | 714 | 148 | 513 | 153 | 1 104 | 117 | 371 | 314 | 749 |
| Bookkeeping and billing machine | 3 923 | 747 | 53 | 52 | 10 | 103 | 32 | 97 | 10 | 20 | 19 | 52 | 20 | 39 | 9 | 97 |
| Calculating machine | 409 | 4 152 | 50 | 212 | — | 488 | 8 | 59 | 5 | 52 | 19 | 712 | 5 | 10 | 224 | 53 |
| Computer and peripheral equipment | 8 670 | 3 300 | 186 | 116 | 120 | 61 | 191 | 57 | 106 | 74 | 74 | 52 | 56 | 29 | 6 | 77 |
| Duplicating machine | 1 207 | 1 395 | 5 | 17 | 7 | 12 | 42 | 42 | 18 | 12 | 37 | 266 | 18 | 5 | 6 | 489 |
| Keypunch | 3 347 | 26 398 | 59 | 796 | 73 | 421 | 89 | 400 | 7 | 295 | 23 | 17 | 13 | 6 | 8 | 31 |
| Typing machine | 415 | 714 | 4 | 35 | 6 | 50 | 21 | 26 | 4 | 34 | 23 | 17 | 22 | 22 | 8 | 31 |
| Typing machine, n.e.c. | 2 461 | 3 220 | 10 | 482 | 6 | 301 | 17 | 33 | 4 | 179 | 71 | 379 | 84 | 184 | 207 | 352 |
| Office machine, n.e.c. | 5 557 | 20 871 | 250 | — | 68 | — | 197 | 768 | — | — | — | — | — | — | — | — |
| Postal clerks | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Postal clerks | 7 069 | 21 030 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Proofreaders | 4 831 | 12 601 | 23 | 188 | 90 | 239 | 7 | 242 | 11 | 133 | 18 | 171 | — | 114 | 11 | 331 |
| Real estate appraisers | — | — | 165 | 3 073 | — | 2 950 | 114 | 4 170 | 92 | 3 090 | 142 | 1 560 | 23 | 1 275 | 133 | 5 631 |
| Receptionists | 33 | 913 | — | 10 | — | 21 | — | 19 | — | — | — | — | — | — | — | 21 |
| Secretaries | 57 | 422 | 6 | 171 | 1 | 54 | 5 | 10 | — | — | — | — | — | — | 9 | 85 |
| Legal | 88 531 | 15 812 | 3 454 | 1 711 | 565 | 83 | 1 897 | 173 | 790 | 78 | 3 059 | 198 | 1 042 | 120 | 1 813 | 211 |
| Medical | 6 906 | 10 932 | 193 | 143 | 98 | 83 | 87 | 207 | 118 | 116 | 57 | 154 | 61 | 71 | 187 | 211 |
| Shipping and receiving clerks | 6 704 | 6 805 | 807 | 91 | 648 | 86 | 1 013 | 253 | 477 | 118 | 941 | 155 | 413 | 46 | 964 | 167 |
| Statistical clerks | 34 737 | 9 295 | — | — | — | — | — | — | — | — | — | — | — | — | — | 102 |
| Stenographers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Stock clerks and storekeepers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Teacher aides, except school monitors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Telephone operators | 146 | 122 | — | 6 | — | — | — | 4 | — | — | — | — | — | — | 9 | — |
| Telephone operators | 1 420 | 11 383 | 24 | 261 | 7 | 228 | — | 218 | 11 | 165 | 7 | 157 | 11 | 111 | 16 | 230 |
| Trucker, station, and express agents | 5 196 | 76 218 | 34 | 600 | 34 | 539 | 64 | 883 | 35 | 698 | 12 | 480 | 14 | 542 | 109 | 1 005 |
| Typists | 10 113 | 5 267 | 2 | 425 | 199 | 108 | 402 | 1 382 | 523 | 112 | 234 | 163 | 42 | 199 | 111 | 5 |
| Weighters | 13 823 | 15 020 | 213 | 154 | 149 | 85 | 175 | 226 | 218 | 142 | 97 | 923 | 35 | 82 | 291 | 117 |
| Miscellaneous clerical workers | 16 629 | 49 445 | 656 | 1 150 | 353 | 1 118 | 253 | 896 | 333 | 568 | 209 | 923 | 68 | 373 | 598 | 949 |
| Not specified clerical workers | 19 786 | 36 230 | 191 | 164 | 80 | 91 | 66 | 259 | 88 | 88 | 115 | 190 | 42 | 106 | 119 | 77 |
| Clerical and kindred workers—allocated | 1 174 549 | 146 900 | 21 677 | 1 198 | 15 581 | 370 | 24 420 | 2 195 | 21 069 | 496 | 40 056 | 5 530 | 6 003 | 861 | 30 147 | 721 |
| Craftsmen and kindred workers | 135 | 30 | 19 | 14 | 56 | 9 | 261 | 127 | 124 | 27 | 24 789 | 4 552 | 66 | 46 | 65 | 10 |
| Automobile accessories installers | 25 248 | 5 085 | 6 | — | 45 | — | — | — | 44 | — | 19 | — | — | — | — | — |
| Bakers | 3 518 | 60 | 58 | — | — | — | — | — | — | — | 5 | — | — | — | — | — |
| Blacksmiths | 13 084 | 18 076 | 62 | — | 15 | — | — | — | — | — | 12 | — | — | — | 10 | — |
| Boilermakers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Bookbinders | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Brickmasons and stonemasons | 1 472 | 48 | — | — | — | — | — | — | — | — | — | — | — | — | — | 6 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| United States | | Manufacturing, nondurable goods | | | | | | | | | | | | | | | |
|--|--------|---------------------------------|--------|---------------|--------|----------------|--------|---|--------|---------------------|--------|-----------------|--------|------------------------------------|--------|----------------------|--------|
| | | Food and kindred products | | | | | | | | | | | | | | | |
| | | Total | | Meat products | | Dairy products | | Conning and preserving fruits, vegetables, and seafoods | | Grain-mill products | | Bakery products | | Confectionary and related products | | Beverages industries | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Craftsmen and kindred workers—Continued | | | | | | | | | | | | | | | | | |
| 4 286 | 69 | — | — | 23 | — | — | 9 | 199 | — | 11 | — | — | — | — | — | 62 | — |
| 566 | 59 | — | — | 11 | 6 | — | — | — | — | — | — | — | — | — | — | — | — |
| 13 724 | 228 | 557 | 7 | 127 | 7 | — | 11 | 216 | 8 | 97 | — | — | — | — | 114 | 5 | — |
| 464 | 67 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 400 | 16 | 11 | — | — | — | — | — | 12 | — | — | — | — | — | — | — | — | — |
| 116 021 | 17 680 | 34 | 20 | 49 | 15 | — | 40 | 78 | 16 | 9 | — | — | — | — | 34 | 37 | 8 |
| 7 635 | 94 | 45 | — | 16 | — | — | 4 | 60 | — | 6 | — | — | — | 13 | 39 | 39 | — |
| 198 | 83 | — | — | 10 | 5 | — | — | — | — | 5 | — | — | — | — | — | 67 | 18 |
| 27 | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 36 014 | 363 | 792 | 6 | 266 | — | — | 5 | 842 | 19 | 395 | 5 | — | — | — | 301 | 1 162 | 10 |
| 246 | 44 | 11 | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | 7 |
| 6 091 | 172 | — | — | — | — | — | — | 6 | — | — | — | — | — | — | — | — | — |
| 730 | 175 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 1 923 | 69 | 52 | — | 8 | — | — | — | 46 | 8 | 4 | — | — | — | — | — | — | — |
| 424 | 78 | 17 | — | 10 | — | — | 4 | — | — | — | — | — | — | — | — | — | — |
| 310 135 | 52 252 | 10 790 | 823 | 7 139 | 237 | — | 1 707 | 6 097 | 165 | 6 714 | 810 | 12 | — | — | 2 172 | 734 | 9 581 |
| 714 | 114 | 9 | — | 9 | — | — | 5 | 5 | — | 6 | 7 | — | — | — | — | — | — |
| 117 | 63 | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 597 | 70 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 100 | 9 | — | — | — | — | — | — | 5 | — | — | — | — | — | — | — | — | — |
| 184 | 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 617 | 24 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 106 | 1 027 | 66 | 121 | 68 | 5 | — | 24 | 104 | 11 | 12 | — | — | — | — | 11 | 16 | — |
| 87 | 43 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 1 708 | 43 | 4 | 5 | 15 | — | — | — | — | — | 4 | — | — | — | — | 22 | — | — |
| 335 | 4 | 7 | — | — | — | — | — | — | — | 13 | — | — | — | — | — | — | — |
| 9 | 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 46 456 | 2 605 | 621 | 30 | 407 | 10 | — | 49 | 619 | 20 | 755 | 37 | — | — | — | 453 | 23 | 11 |
| 223 469 | 5 462 | 5 391 | 92 | 5 514 | 57 | — | 127 | 3 653 | 57 | 5 582 | 67 | — | — | — | 2 038 | 23 | 82 |
| 4 944 | 29 | 430 | 5 | 704 | — | — | 296 | 21 | — | 80 | — | — | — | — | 47 | — | — |
| 488 | 10 | — | — | — | — | — | 9 | 13 | — | — | — | — | — | — | — | — | — |
| 134 | — | 14 | — | 35 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 12 310 | 168 | 1 017 | 17 | 2 077 | 23 | — | 404 | 340 | 20 | 1 664 | 14 | — | — | — | 16 | — | — |
| 359 | 16 | 5 | — | 5 | — | — | 20 | — | — | — | — | — | — | — | — | — | — |
| 467 | 23 | — | — | 60 | — | — | 47 | 10 | — | 10 | — | — | — | — | — | — | — |
| 152 177 | 3 695 | 3 382 | 54 | 2 341 | 18 | — | 117 | 2 824 | 31 | 3 507 | 44 | — | — | — | 1 816 | 23 | 50 |
| 2 020 | 89 | — | — | 11 | — | — | 8 | 4 | — | 28 | — | — | — | — | — | — | — |
| 20 094 | 404 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 419 | 8 | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 1 261 | 40 | 18 | — | 19 | — | — | 46 | 5 | — | 43 | — | — | — | — | 4 | — | — |
| 271 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 737 | 541 | 293 | 13 | 58 | 6 | — | 5 | 174 | — | 76 | — | — | — | — | 61 | — | — |
| 11 788 | 439 | 222 | 3 | 204 | 4 | — | 614 | 238 | 6 | 183 | 9 | — | — | — | 94 | — | — |
| 6 474 | 139 | — | — | 12 | — | — | 47 | 6 200 | 113 | — | — | — | — | — | — | — | — |
| 15 823 | 164 | 340 | 11 | 9 | — | — | 141 | 961 | 4 | 32 | — | — | — | — | 111 | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 50 | 15 | — | — | — | — | — | 5 | — | — | — | — | — | — | — | — | — | — |
| 41 | 35 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 6 274 | 918 | 147 | — | 171 | — | — | 201 | 111 | 7 | 122 | 7 | — | — | — | 27 | — | — |
| 107 | 24 | — | — | — | — | — | 4 | — | — | — | — | — | — | — | — | — | — |
| 1 659 | 388 | 5 | — | — | — | — | 6 | — | — | 12 | — | — | — | — | — | — | — |
| 26 253 | 3 407 | 6 | — | — | — | — | 15 | — | — | — | — | — | — | — | — | — | — |
| 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 156 | 18 | 10 | — | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 — Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| Occupation | Manufacturing, nondurable goods | | | | | | | | | | | | | | | |
|---|---------------------------------|---------|---------------|--------|----------------|--------|---|--------|---------------------|--------|-----------------|--------|------------------------------------|--------|----------------------|--------|
| | Food and kindred products | | | | | | | | | | | | | | | |
| | Total | | Meat products | | Dairy products | | Canning and preserving fruits, vegetables, and seafoods | | Grain-mill products | | Bakery products | | Confectionery and related products | | Beverages industries | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| United States | | | | | | | | | | | | | | | | |
| Operatives, except transport—Continued | | | | | | | | | | | | | | | | |
| Punch and stamping press operatives | 3 831 | 4 689 | 12 | 7 | 12 | 26 | 29 | 57 | 16 | 4 | 4 | 11 | 8 | 30 | 11 | |
| Riveters and fasteners | 2 124 | 3 249 | 46 | 11 | 5 | 55 | 26 | 9 | 14 | — | — | 11 | 3 | — | — | |
| Sailors and deckhands | 470 | 97 | 6 | — | — | 29 | 49 | 11 | — | 12 | — | 4 | 5 | 20 | — | |
| Sawyers | 3 619 | 1 729 | 129 | 29 | 16 | 45 | 84 | 544 | 123 | 11 | 11 | 29 | 5 | 37 | 64 | |
| Sewers and stitchers | 46 874 | 745 740 | 215 | 161 | 16 | 78 | 84 | — | — | — | — | — | — | 37 | 63 | |
| Shoemaking machine operatives | 23 458 | 36 094 | 5 | 5 | — | 5 | — | — | — | — | — | 8 | — | 26 | — | |
| Solderers | 281 | 36 579 | 7 | 13 | — | 6 | 19 | 4 | — | — | 98 | 6 | 90 | 633 | — | |
| Stationary firemen | 20 107 | 3 183 | 333 | 392 | — | 737 | 8 | 281 | — | — | — | — | — | — | — | |
| Textile operatives | 196 730 | 232 578 | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Carding, lapping, and combing operatives | 14 859 | 4 565 | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Knitters, loopers, and roppers | 10 317 | 18 089 | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Spinners, twisters, and winders | 56 867 | 99 222 | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Weavers | 23 461 | 26 680 | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Woolen operatives, n.e.c. | 91 226 | 84 022 | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Welders and flamecutters | 22 999 | 1 087 | 566 | 185 | — | 738 | — | 478 | — | 53 | 53 | 4 | 78 | 338 | 18 | |
| Winding operatives, n.e.c. | 8 706 | 3 614 | 10 | 4 | 6 | 10 | — | 26 | — | 26 | — | 13 | — | 5 | 4 | |
| Machine operatives, miscellaneous specified | 334 492 | 144 313 | 13 265 | 16 076 | 1 192 | 8 199 | 8 643 | 7 414 | 498 | 3 566 | 3 566 | 1 810 | 6 443 | 4 351 | 875 | |
| Machine operatives, not specified | 129 464 | 60 939 | 1 696 | 320 | 1 067 | 2 912 | 1 464 | 2 748 | 325 | 2 317 | 2 317 | 1 308 | 1 550 | 2 675 | 410 | |
| Miscellaneous operatives | 172 986 | 80 204 | 12 097 | 1 697 | 1 75 | 3 491 | 9 979 | 1 944 | 257 | 4 397 | 4 397 | 2 443 | 756 | 2 349 | 194 | |
| Not specified operatives | 55 873 | 38 247 | 1 902 | 2 235 | 200 | 1 413 | 1 152 | 1 965 | 221 | 1 352 | 1 352 | 943 | 426 | 3 303 | 200 | |
| Operatives, except transport—allocated | 86 815 | 148 224 | 318 | 188 | 50 | 299 | 234 | 203 | 23 | 151 | 151 | 87 | 50 | 3 220 | 42 | |
| Transport equipment operatives | 296 349 | 5 586 | 15 941 | 45 737 | 523 | 11 710 | 193 | 11 427 | 133 | 24 662 | 24 662 | 453 | 1 312 | 37 316 | 417 | |
| Boatmen and canalmen | 124 | 5 | — | 4 | — | 41 | — | 4 | — | — | — | — | — | — | — | |
| Bus drivers | 251 | 28 | 23 | 5 | — | 25 | — | — | — | 5 | 5 | — | — | — | — | |
| Conductors and motormen, urban rail transit | 88 | 6 | — | 18 | — | — | — | — | — | 17 | 17 | — | — | 9 | 6 | |
| Deliverymen and routemen | 115 115 | 2 602 | 5 262 | 36 313 | 421 | 1 276 | 18 | 2 197 | 17 | 19 745 | 19 745 | 388 | 266 | 22 526 | 262 | |
| Fork lift and tow motor operatives | 56 677 | 1 081 | 1 120 | 684 | 12 | 6 110 | 95 | 1 814 | 10 | 789 | 789 | 7 | 421 | 5 702 | 51 | |
| Motormen, mine, factory, logging camp, etc. | 291 | 29 | 5 | 5 | — | 15 | — | 3 | — | 6 | 6 | — | — | 6 | — | |
| Parking attendants | 206 | 14 | 61 | — | — | — | — | 4 | — | 4 | 4 | — | — | 11 | — | |
| Railroad brakemen | 201 | 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Railroad switchmen | 459 | 22 | 5 | — | — | — | — | — | — | — | — | — | — | — | — | |
| Taxicab drivers and chauffeurs | 2 804 | 34 | 94 | 49 | — | 74 | 8 | 18 | — | 20 | 20 | — | 46 | 283 | — | |
| Truck drivers | 103 472 | 1 475 | 9 241 | 8 563 | 90 | 4 083 | 67 | 7 252 | 97 | 3 962 | 3 962 | 58 | 536 | 8 655 | 98 | |
| Transport equipment operatives—allocated | 16 661 | 277 | 130 | 96 | — | 86 | 5 | 109 | 4 | 110 | 110 | — | 36 | 124 | — | |
| Laborers, except farm | 279 296 | 53 120 | 21 473 | 11 417 | 434 | 14 025 | 2 786 | 12 117 | 464 | 6 274 | 6 274 | 960 | 2 620 | 17 247 | 634 | |
| Animal caretakers, except farm | 1 082 | 187 | 388 | 52 | 5 | 25 | — | 106 | 22 | — | — | — | — | 13 | — | |
| Carpenters' helpers | 755 | 11 | 11 | 49 | — | 44 | — | 29 | — | 17 | 17 | — | 5 | 27 | — | |
| Construction laborers, except carpenters' helpers | 4 688 | 100 | 227 | 100 | — | 63 | 12 | 107 | — | 17 | 17 | — | 17 | 142 | — | |
| Fishermen and oystermen | 293 | 42 | 10 | 14 | — | 81 | 33 | 21 | — | 5 | 5 | — | — | 26 | — | |
| Freight and material handlers | 100 795 | 13 588 | 8 004 | 5 081 | 117 | 4 903 | 475 | 5 911 | 113 | 2 852 | 2 852 | 332 | 846 | 9 565 | 201 | |
| Garbage collectors | 265 | 10 | 21 | 6 | — | 38 | 15 | 9 | — | 15 | 15 | — | — | — | — | |
| Gardeners and groundskeepers, except farm | 3 224 | 115 | 110 | 12 | — | 125 | 14 | 84 | — | 25 | 25 | — | 14 | 155 | 7 | |
| Longshoremen and stevedores | 568 | 16 | 5 | 9 | — | 28 | — | 23 | — | 12 | 12 | — | — | 9 | — | |
| Lumbermen, roffsmen, and woodchoppers | 130 | 29 | 29 | 9 | — | 15 | — | — | — | 6 | 6 | — | 7 | — | 5 | |
| Stock handlers | 23 279 | 13 938 | 1 095 | 787 | 46 | 604 | 152 | 1 076 | 112 | 560 | 560 | 264 | 337 | 396 | 15 | |
| Teamsters | 603 | 104 | 35 | 10 | — | 29 | — | 345 | — | 9 | 9 | — | 10 | 28 | — | |
| Vehicle washers and equipment cleaners | 16 911 | 3 274 | 1 417 | 1 576 | 18 | 1 036 | 149 | 345 | 11 | 1 232 | 1 232 | 78 | 293 | 1 045 | 66 | |
| Warehousemen, n.e.c. | 14 247 | 411 | 186 | 322 | 6 | 1 366 | 88 | 701 | 17 | 266 | 266 | 6 | 194 | 1 322 | 41 | |
| Miscellaneous laborers | 15 479 | 3 603 | 2 751 | 636 | 43 | 463 | 174 | 212 | 38 | 95 | 95 | 53 | 57 | 828 | 104 | |
| Not specified laborers | 73 870 | 13 830 | 6 936 | 2 820 | 199 | 5 050 | 1 670 | 3 364 | 156 | 1 084 | 1 084 | 221 | 795 | 3 566 | 193 | |
| Laborers, except farm—allocated | 22 561 | 3 754 | 248 | 43 | — | 155 | 19 | 101 | 5 | 79 | 79 | — | 40 | 125 | 2 | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | | Manufacturing, nondurable goods | | | | | | | | | | | | | |
|--|--------|---------------------------------|--------|----------------|--------|---|--------|----------------------|--------|-----------------|--------|------------------------------------|--------|----------------------|--------|
| | | Food and kindred products | | | | | | Beverages industries | | | | | | | |
| Total | | Meat products | | Dairy products | | Canning and preserving fruits, vegetables, and seafoods | | Grain-mill products | | Bakery products | | Confectionary and related products | | Beverages industries | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Farmers and farm managers | | | | | | | | | | | | | | | |
| Farm laborers and farm foremen | | | | | | | | | | | | | | | |
| Farm foremen | | | | | | | | | | | | | | | |
| Farm laborers, wage workers | | | | | | | | | | | | | | | |
| Farm laborers, unpaid family workers | | | | | | | | | | | | | | | |
| Farm service laborers, self-employed | | | | | | | | | | | | | | | |
| Farm laborers and farm foremen—allocated | | | | | | | | | | | | | | | |
| Service workers, except private household | | | | | | | | | | | | | | | |
| Cleaning service workers | | | | | | | | | | | | | | | |
| Chambermaids and maids, except private household | | | | | | | | | | | | | | | |
| Cleaners and charwomen | | | | | | | | | | | | | | | |
| Janitors and sextons | | | | | | | | | | | | | | | |
| Food service workers | | | | | | | | | | | | | | | |
| Bartenders | | | | | | | | | | | | | | | |
| Busboys | | | | | | | | | | | | | | | |
| Cooks, except private household | | | | | | | | | | | | | | | |
| Dishwashers | | | | | | | | | | | | | | | |
| Food counter and fountain workers | | | | | | | | | | | | | | | |
| Waiters | | | | | | | | | | | | | | | |
| Food service workers, n.e.c., except private household | | | | | | | | | | | | | | | |
| Health service workers | | | | | | | | | | | | | | | |
| Dental assistants | | | | | | | | | | | | | | | |
| Health aides, except nursing | | | | | | | | | | | | | | | |
| Health trainees | | | | | | | | | | | | | | | |
| Lay midwives | | | | | | | | | | | | | | | |
| Nursing aides, orderlies, and attendants | | | | | | | | | | | | | | | |
| Practical nurses | | | | | | | | | | | | | | | |
| Personal service workers | | | | | | | | | | | | | | | |
| Airline stewardesses | | | | | | | | | | | | | | | |
| Attendants, recreation and amusement | | | | | | | | | | | | | | | |
| Attendants, personal service, n.e.c. | | | | | | | | | | | | | | | |
| Baggage porters and bellhops | | | | | | | | | | | | | | | |
| Barbers | | | | | | | | | | | | | | | |
| Boarding and lodging house keepers | | | | | | | | | | | | | | | |
| Bootblacks | | | | | | | | | | | | | | | |
| Child care workers, except private household | | | | | | | | | | | | | | | |
| Elevator operators | | | | | | | | | | | | | | | |
| Hairdressers and cosmetologists | | | | | | | | | | | | | | | |
| Housekeepers, except private household | | | | | | | | | | | | | | | |
| School monitors | | | | | | | | | | | | | | | |
| Ushers, recreation and amusement | | | | | | | | | | | | | | | |
| Welfare service aides | | | | | | | | | | | | | | | |
| Protective service workers | | | | | | | | | | | | | | | |
| Crossing guards and bridge tenders | | | | | | | | | | | | | | | |
| Firemen, fire protection | | | | | | | | | | | | | | | |
| Guards and watchmen | | | | | | | | | | | | | | | |
| Marshals and constables | | | | | | | | | | | | | | | |
| Police officers and detectives | | | | | | | | | | | | | | | |
| Sheriffs and bailiffs | | | | | | | | | | | | | | | |
| Service workers, except private household—allocated | | | | | | | | | | | | | | | |
| Private household workers | | | | | | | | | | | | | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| United States | | Manufacturing, nondurable goods—Con. | | | | | | | | | | | | | | | |
|---|---------|---|--------|--------|-------------------------------|----------------------|--------|----------------|--------|--|--------|---------------------------------------|---------|--------------------------------|--------|-------------------------------------|--------|
| | | Food and kindred products—Con. | | | | Tobacco manufactures | | Knitting mills | | Dying and finishing textiles, except wool and knit goods | | Floor coverings, except hard surfaces | | Yarn, thread, and fabric mills | | Miscellaneous textile mill products | |
| | | Miscellaneous food preparation and kindred products | Male | Female | Not specified food industries | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Total employed, 16 years old and over | 103 707 | 32 344 | 44 302 | 19 418 | 42 007 | 27 241 | 63 205 | 134 073 | 34 966 | 11 387 | 35 185 | 19 155 | 348 777 | 261 517 | 37 631 | 19 073 | |
| Professionals, technical, and kindred workers | 7 409 | 1 636 | 7 550 | 1 682 | 2 897 | 578 | 2 068 | 1 290 | 1 691 | 517 | 1 773 | 436 | 16 117 | 5 347 | 2 169 | 485 | |
| Accountants | 1 277 | 284 | 1 445 | 315 | 413 | 82 | 332 | 147 | 173 | 41 | 291 | 92 | 1 881 | 496 | 273 | 81 | |
| Architects | 4 | — | 30 | — | 12 | — | 158 | 44 | 73 | 14 | 142 | 52 | 793 | 173 | 91 | 15 | |
| Computer specialists | 332 | 46 | 460 | 64 | 185 | 21 | 121 | 30 | 48 | 14 | 87 | 46 | 518 | 119 | 67 | 8 | |
| Computer programmers | 184 | 34 | 227 | 41 | 132 | 21 | 37 | 14 | 20 | — | 55 | 6 | 239 | 41 | 24 | 7 | |
| Computer systems analysts | 122 | 12 | 207 | 23 | 38 | — | — | — | — | — | — | — | 36 | 13 | — | — | |
| Computer specialists, n.e.c. | 26 | — | 26 | — | 15 | — | — | — | 5 | — | — | — | — | — | — | — | |
| Engineers | 1 669 | 44 | 1 508 | 30 | 541 | 27 | 533 | 31 | 420 | 10 | 407 | 7 | 4 308 | 78 | 552 | — | |
| Aeronautical and astronautical | 45 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Chemical | 217 | — | 185 | — | 40 | — | 24 | — | 32 | — | 19 | — | 162 | — | 42 | — | |
| Civil | 60 | — | 79 | — | 12 | 11 | — | — | — | — | 15 | — | 98 | — | — | — | |
| Electrical and electronic | 91 | 6 | 70 | 3 | 66 | 6 | 29 | — | 47 | — | 132 | — | 132 | — | — | — | |
| Industrial | 524 | 21 | 515 | 17 | 169 | 5 | 394 | 26 | 212 | 4 | 237 | 7 | 2 427 | 71 | 200 | — | |
| Mechanical | 312 | 7 | 259 | — | 103 | 5 | 43 | 5 | 52 | — | 51 | — | 723 | 7 | 132 | — | |
| Metallurgical and materials | — | — | 5 | — | 7 | — | — | — | — | — | — | — | — | — | — | — | |
| Mining | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Petroleum | 32 | — | 15 | — | 14 | — | — | — | 6 | — | 9 | — | 115 | — | 17 | — | |
| Sales | 388 | 10 | 380 | 10 | 130 | — | 43 | — | 65 | 6 | 48 | — | 651 | — | 161 | — | |
| Engineers, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Farm management advisors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 5 | — | |
| Foresters and conservationists | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Home management advisors | 57 | — | 173 | 135 | 52 | 5 | — | — | — | 4 | — | — | 64 | 7 | — | — | |
| Lawyers and judges | 48 | — | — | — | 52 | — | — | — | — | — | — | — | 64 | — | — | — | |
| Judges | 48 | — | — | — | 52 | — | — | — | — | — | — | — | 64 | — | — | — | |
| Lawyers | — | — | 173 | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Librarians, archivists, and curators | 5 | 33 | 11 | 20 | — | 4 | — | 10 | — | — | — | — | — | — | — | — | |
| Librarians | 5 | 33 | 5 | 16 | — | 4 | — | 10 | — | — | — | — | — | — | — | — | |
| Archivists and curators | — | — | 6 | 4 | — | — | — | — | — | — | — | — | — | — | — | — | |
| Mathematical specialists | 28 | 20 | 21 | 38 | 23 | 12 | 9 | 9 | 5 | — | — | 6 | 30 | 5 | 4 | — | |
| Actuaries | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Mathematicians | — | — | 6 | — | — | — | — | — | — | — | — | — | 6 | — | — | — | |
| Statisticians | 28 | 20 | 15 | 38 | 23 | 12 | 9 | 9 | 5 | — | — | 6 | 9 | 5 | 4 | — | |
| Life and physical scientists | 1 082 | 108 | 821 | 224 | 367 | 41 | 81 | — | 223 | 5 | 80 | — | 844 | 89 | 166 | 9 | |
| Agricultural | 195 | 5 | 24 | — | 21 | — | — | — | — | — | — | — | 9 | 12 | — | — | |
| Atmospheric and space | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Biological | 40 | 4 | 81 | 32 | 17 | 5 | — | — | — | — | — | — | — | — | — | — | |
| Chemists | 839 | 80 | 706 | 192 | 317 | 36 | 81 | — | 217 | 5 | 74 | — | 820 | 77 | 166 | 4 | |
| Geologists | — | — | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Marine | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Physicists and astronomers | 4 | — | 5 | — | 12 | — | — | — | 6 | — | 6 | — | 10 | — | — | 5 | |
| Life and physical, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Operations and systems researchers and analysts | 151 | 9 | 181 | 26 | 53 | — | 103 | 22 | 47 | — | 78 | 22 | 579 | 66 | 119 | 5 | |
| Personnel and labor relations workers | 437 | 101 | 400 | 70 | 207 | 39 | 265 | 158 | 115 | 18 | 152 | 22 | 2 060 | 342 | 205 | 23 | |
| Physicians, dentists, and related practitioners | 14 | — | 8 | — | 6 | — | — | — | — | — | — | — | 16 | — | — | — | |
| Chiropractors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Dentists | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Optométrists | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Pharmacists | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Physicians, medical and osteopathic | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Podiatrists | 9 | — | 4 | — | 6 | — | — | — | — | — | — | — | — | — | — | — | |
| Veterinarians | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Veterinarians | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Health practitioners, n.e.c. | 5 | — | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

Manufacturing, nondurable goods - Con.

| | Food and kindred products - Con. | | | | Tobacco manufactures | | Textile mill products | | | | | | | | | | |
|--|---|--------|-------------------------------|--------|----------------------|--------|-----------------------|--------|--|--------|---------------------------------------|--------|--------------------------------|--------|-------------------------------------|--------|----|
| | Miscellaneous food preparation and kindred products | | Not specified food industries | | Male | Female | Knitting mills | | Dying and finishing textiles, except wool and knit goods | | Floor coverings, except hard surfaces | | Yarn, thread, and fabric mills | | Miscellaneous textile mill products | | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Professional, technical, and kindred workers - Continued | | | | | | | | | | | | | | | | | |
| Registered nurses, dietitians, and therapists | 5 | 66 | 37 | 130 | - | 74 | - | 48 | - | 18 | - | 24 | - | - | - | - | 46 |
| Dietitians | 5 | 6 | 37 | 10 | - | 74 | - | 48 | - | 18 | - | 24 | - | - | - | - | 46 |
| Registered nurses | - | 60 | - | 120 | - | - | - | - | - | - | - | - | - | 5 | 6 | - | - |
| Therapists | 19 | 4 | - | 5 | 9 | 5 | - | 15 | - | - | - | - | - | 5 | 6 | - | - |
| Health technologists and technicians | 10 | 4 | - | 5 | - | - | - | 15 | - | - | - | - | - | 5 | 6 | - | - |
| Clinical laboratory technologists and technicians | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Dental hygienists | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Health record technologists and technicians | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Radiologic technologists and technicians | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Therapy assistants | 9 | - | - | - | 9 | 5 | - | - | - | - | - | - | - | - | - | - | - |
| Health technologists and technicians, n.e.c. | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Religious workers | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Clergymen | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Religious workers, n.e.c. | 179 | 58 | 453 | 42 | 139 | 13 | 11 | 17 | 15 | 5 | 38 | 12 | 130 | 12 | 20 | - | - |
| Social scientists | 179 | 58 | 442 | 42 | 139 | 13 | 11 | 17 | 15 | 5 | 38 | 12 | 130 | 12 | 20 | - | - |
| Economists | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Political scientists | - | - | 11 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Psychologists | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sociologists | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Urban and regional planners | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Social scientists, n.e.c. | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Social and recreation workers | - | - | - | - | - | - | 5 | - | - | - | - | - | 35 | 6 | 8 | - | - |
| Social | - | - | - | - | - | - | 5 | - | - | - | - | - | 35 | 6 | 8 | - | - |
| Recreation | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Teachers, college and university | 10 | - | - | - | 18 | 6 | 13 | 175 | 30 | 5 | 21 | 17 | 261 | 319 | 5 | 5 | - |
| Adult education teachers | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Elementary and secondary school teachers | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Prekindergarten and kindergarten teachers | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Teachers, except college and university, n.e.c. | - | - | - | 4 | - | - | 6 | 191 | 6 | 5 | 13 | 16 | 103 | 200 | 5 | - | - |
| Engineering and science technicians | 1 613 | 747 | 951 | 366 | 545 | 202 | 280 | 151 | 425 | 313 | 337 | 63 | 3 308 | 2 256 | 536 | 246 | - |
| Agriculture and biological, except health | 1 062 | 579 | 566 | 300 | 22 | 18 | - | - | - | 6 | - | - | - | 6 | - | - | - |
| Chemical | 76 | 56 | 54 | 19 | 50 | 4 | 49 | 4 | 32 | 13 | 9 | 11 | 236 | 60 | 30 | - | |
| Draftsmen | 165 | 5 | 170 | 6 | 98 | 4 | 26 | 4 | 67 | 9 | 28 | 3 | 372 | 90 | 90 | 10 | |
| Electrical and electronic engineering | 110 | 70 | 35 | - | 44 | 6 | 54 | 4 | 14 | 4 | 6 | - | 39 | 6 | 4 | - | |
| Industrial engineering | 117 | 70 | 77 | 22 | 31 | 8 | 54 | 15 | 17 | 23 | 33 | - | 294 | 70 | 25 | 3 | |
| Mechanical engineering | 14 | - | - | - | 5 | - | 4 | - | 12 | - | - | - | 45 | 5 | 23 | - | |
| Mathematical | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Surveyors | 18 | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Engineering and science, n.e.c. | 151 | 32 | 49 | 19 | 295 | 162 | 147 | 128 | 283 | 262 | 261 | 49 | 2 322 | 2 019 | 364 | 233 | |
| Technicians, except health, and engineering and science | 30 | 4 | 69 | 11 | 29 | - | 12 | 3 | 12 | - | 29 | 5 | 166 | 20 | 26 | - | - |
| Airplane pilots | 21 | - | 65 | - | 19 | - | 7 | - | 12 | - | 25 | - | 55 | - | 6 | - | - |
| Air traffic controllers | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Embalmers | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Flight engineers | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Radio operators | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Tool operators | - | - | - | 11 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Tool programmers, numerical control | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Technicians, n.e.c. | 9 | 4 | 4 | 4 | 10 | - | 5 | 3 | - | - | - | - | 117 | 7 | 20 | - | - |
| Vocational and educational counselors | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | | Manufacturing, nondurable goods - Con. | | | | | | | | | | | | | | | | |
|---|--------|--|--------|-------|--------|----------------------|--------|-----------------------|--------|---|--------|---------------------------------------|--------|--------------------------------|--------|-------------------------------------|--------|--|
| | | Food and kindred products - Con. | | | | Tobacco manufactures | | Textile mill products | | | | | | | | | | |
| Miscellaneous food preparation and kindred products | | Not specified food industries | | Male | | Female | | Knitting mills | | Dyeing and finishing textiles, except wool and knit goods | | Floor coverings, except hard surfaces | | Yarn, thread, and fabric mills | | Miscellaneous textile mill products | | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Professional, technical, and kindred workers - Continued | | | | | | | | | | | | | | | | | | |
| Writers, artists, and entertainers | | | | | | | | | | | | | | | | | | |
| 275 | 34 | 404 | 91 | 166 | 19 | 217 | 258 | 127 | 73 | 142 | 106 | 1 | 143 | 855 | 121 | 55 | | |
| 5 | | 12 | 5 | 4 | 5 | | | | | | | | 11 | 5 | 5 | | | |
| | | | 5 | | | | | | | | | | 12 | | | | | |
| | | | 83 | 28 | | 184 | 207 | 67 | 40 | 97 | 79 | 883 | 24 | 665 | 70 | 28 | | |
| 63 | 21 | 32 | 50 | 4 | | 5 | 5 | 6 | | 6 | 6 | 24 | 61 | 99 | 7 | 22 | | |
| 7 | | | | 8 | | 12 | 20 | 21 | 33 | 15 | | 61 | 13 | 6 | | | | |
| 36 | 4 | 50 | | 9 | | 5 | 5 | 5 | | 20 | 11 | 93 | 6 | 49 | 12 | 5 | | |
| 14 | | 25 | | 9 | | 16 | 13 | 15 | | | | 6 | 40 | 5 | 5 | | | |
| 140 | 9 | 186 | 32 | 107 | 10 | 43 | 17 | 20 | 6 | 28 | 4 | 365 | 55 | | | | | |
| | | 16 | | 6 | | | 4 | 13 | | 15 | | | | | | | | |
| 10 | | 16 | | 81 | 4 | | 4 | 20 | | | | | | | | | | |
| 145 | 6 | 471 | 45 | 51 | 5 | | | | | | | | | | | | | |
| 80 | 15 | 107 | 62 | | | | | | | | | | | | | | | |
| 10 109 | 660 | 7 619 | 425 | 2 936 | 75 | 4 842 | 536 | 1 392 | 81 | 2 063 | 221 | 14 907 | 1 033 | | 2 570 | 167 | | |
| Managers and administrators, except farm | | | | | | | | | | | | | | | | | | |
| Assessors, controllers, and treasurers; local public administration | | | | | | | | | | | | | | | | | | |
| 135 | | 262 | 3 | 23 | | 89 | 5 | 34 | | 47 | 5 | 308 | 21 | | 42 | | | |
| 14 | | 7 | | 50 | | | | | | | | 12 | | | | | | |
| | | | | | | | | | | | | 195 | | | 9 | 4 | | |
| 148 | 14 | 99 | 11 | 30 | | 26 | 16 | | | 49 | 22 | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | |
| Health administrators | | | | | | | | | | | | | | | | | | |
| Construction inspectors; public administration | | | | | | | | | | | | | | | | | | |
| Inspectors, except construction; public administration | | | | | | | | | | | | | | | | | | |
| Managers and superintendents, building | | | | | | | | | | | | | | | | | | |
| 9 | | 5 | | 5 | | | | | | | | | | | 4 | | | |
| 376 | 123 | 182 | 83 | 152 | 15 | 136 | 116 | 110 | 24 | 64 | 40 | 629 | 251 | | 73 | 38 | | |
| 14 | | 5 | | | | | | | | | | 5 | | | | | | |
| Officers, pilots, and pursers; ship | | | | | | | | | | | | | | | | | | |
| Officials and administrators; public administration, n.e.c. | | | | | | | | | | | | | | | | | | |
| Officials of lodges, societies, and unions | | | | | | | | | | | | | | | | | | |
| Postmasters and mail superintendents | | | | | | | | | | | | | | | | | | |
| 758 | 66 | 645 | 47 | 556 | 6 | 197 | 58 | 44 | 11 | 107 | 28 | 994 | 79 | | 191 | 15 | | |
| Purchasing agents and buyers, n.e.c. | | | | | | | | | | | | | | | | | | |
| Railroad conductors | | | | | | | | | | | | | | | | | | |
| 4 | 17 | 5 | 15 | 5 | | | | | | 8 | 5 | 23 | | | 5 | | | |
| Retail trade | | | | | | | | | | | | | | | | | | |
| Restaurant, cafeteria, and bar managers | | | | | | | | | | | | | | | | | | |
| Sales managers and department heads, retail trade | | | | | | | | | | | | | | | | | | |
| 1 350 | 44 | 1 454 | 10 | 508 | 3 | 297 | 19 | 100 | 6 | 247 | 11 | 1 280 | 54 | | 289 | 11 | | |
| Sales managers, except retail trade | | | | | | | | | | | | | | | | | | |
| School administrators, college | | | | | | | | | | | | | | | | | | |
| School administrators, elementary and secondary | | | | | | | | | | | | | | | | | | |
| 7 171 | 385 | 4 903 | 237 | 1 559 | 38 | 4 097 | 317 | 1 104 | 40 | 1 517 | 110 | 11 456 | 598 | | 1 957 | 99 | | |
| 6 660 | 290 | 4 717 | 212 | 1 513 | 34 | 3 813 | 297 | 1 094 | 35 | 1 441 | 81 | 10 875 | 504 | | 1 848 | 84 | | |
| 511 | 95 | 186 | 25 | 46 | | 284 | 20 | 10 | 5 | 76 | 29 | 581 | 94 | | 109 | 15 | | |
| 124 | 11 | 52 | 19 | 48 | 13 | | | | | 24 | | | | | | | | |
| 5 116 | 265 | 4 570 | 137 | 2 645 | 43 | 1 507 | 517 | 292 | 52 | 1 435 | 127 | 5 638 | 609 | | 955 | 73 | | |
| 4 | 9 | 29 | | 49 | 9 | | 5 | | 6 | | | | | | 9 | | | |
| Advertising agents and salesmen | | | | | | | | | | | | | | | | | | |
| Auctioneers | | | | | | | | | | | | | | | | | | |
| Demonstrators | | | | | | | | | | | | | | | | | | |
| Hucksters and peddlers | | | | | | | | | | | | | | | | | | |
| Insurance agents, brokers, and underwriters | | | | | | | | | | | | | | | | | | |
| Newsboys | | | | | | | | | | | | | | | | | | |
| Real estate agents and brokers | | | | | | | | | | | | | | | | | | |
| Stock and bond salesmen | | | | | | | | | | | | | | | | | | |
| Salesmen and sales clerks, n.e.c. | | | | | | | | | | | | | | | | | | |
| 5 000 | 203 | 4 493 | 114 | 2 563 | 28 | 1 502 | 512 | 292 | 46 | 1 395 | 127 | 5 638 | 603 | | 946 | 73 | | |
| 86 | 22 | 43 | 23 | 27 | 6 | | | | | 35 | | | | | | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

Data based on 20-percent sample, see text. For meaning of symbols, see text.

| United States | | Manufacturing, nondurable goods - Con. | | | | | | | | | | | | | |
|---------------|--------|---|-------------------------------|-------|--------|----------------------|--------|-----------------------|---|---------------------------------------|--------------------------------|-------------------------------------|--------|-------|--------|
| | | Food and kindred products - Con. | | | | Tobacco manufactures | | Textile mill products | | | | Miscellaneous textile mill products | | | |
| | | Miscellaneous food preparation and kindred products | Not specified food industries | Male | Female | Male | Female | Knitting mills | Dyeing and finishing textiles, except wool and knit goods | Floor coverings, except hard surfaces | Yarn, thread, and fabric mills | Male | Female | Male | Female |
| 5 966 | 10 996 | 3 242 | 9 241 | 2 696 | 4 294 | 5 251 | 11 836 | 2 379 | 3 231 | 2 455 | 5 244 | 18 012 | 30 948 | 2 335 | 3 831 |
| 57 | 271 | 18 | 103 | 9 | 96 | 13 | 317 | 87 | 174 | 10 | 117 | 139 | 915 | 5 | 158 |
| 797 | 2 184 | 470 | 1 265 | 489 | 403 | 282 | 1 577 | 106 | 382 | 113 | 592 | 923 | 3 422 | 11 | 530 |
| 62 | 117 | 34 | 80 | 44 | 44 | 67 | 67 | 5 | 5 | 15 | 15 | 37 | 139 | 11 | 4 |
| 49 | 28 | 36 | 34 | 64 | 26 | 35 | 20 | 16 | 5 | 28 | 12 | 159 | 73 | 19 | 10 |
| 9 | 107 | 5 | 58 | 33 | 35 | 91 | 454 | 16 | 26 | 5 | 208 | 238 | 431 | 30 | 49 |
| 40 | - | 16 | - | 14 | - | 13 | - | 66 | - | 5 | - | 63 | 15 | 5 | - |
| 9 | 13 | - | 13 | - | - | - | - | 12 | - | - | - | 8 | - | 4 | - |
| 143 | 21 | 100 | 38 | 32 | 30 | 8 | 58 | 30 | - | 60 | 74 | 280 | 75 | 42 | 15 |
| 288 | 87 | 224 | 57 | 48 | 11 | 456 | 314 | 181 | 72 | 168 | 60 | 1 559 | 823 | 199 | 80 |
| 88 | 163 | 25 | 235 | 53 | 176 | 40 | 385 | 19 | 105 | 26 | 148 | 224 | 984 | 11 | 59 |
| - | 5 | 4 | 19 | 12 | 10 | 5 | 5 | - | 11 | - | - | - | 9 | - | - |
| - | - | 4 | 19 | - | - | - | - | - | - | - | 10 | - | - | - | - |
| 83 | 66 | 127 | 87 | 58 | 21 | 59 | 42 | 42 | 20 | 28 | 39 | 306 | 96 | 15 | 21 |
| 44 | 5 | 30 | 9 | 17 | - | 35 | - | 21 | - | 6 | 3 | 141 | 32 | 5 | 4 |
| 291 | 745 | 233 | 648 | 174 | 285 | 137 | 956 | 94 | 232 | 202 | 391 | 816 | 2 004 | 102 | 221 |
| 17 | 44 | 16 | 37 | 5 | 6 | 6 | 113 | - | 31 | 6 | 23 | 31 | 158 | 5 | 10 |
| 10 | 110 | 6 | 101 | 14 | 26 | 102 | 35 | 47 | 20 | 124 | 11 | 25 | 107 | 19 | 10 |
| 144 | 79 | 157 | 25 | 107 | 24 | 102 | 35 | 47 | 32 | 124 | 51 | 423 | 149 | 19 | 5 |
| 26 | 10 | 21 | 21 | 5 | 5 | 29 | 45 | 22 | 134 | 59 | 300 | 16 | 28 | 30 | 7 |
| 76 | 487 | 35 | 436 | 27 | 208 | 29 | 693 | 22 | 134 | 13 | 300 | 244 | 1 454 | 30 | 184 |
| 7 | 14 | 7 | 14 | 10 | 10 | 10 | 60 | 5 | 15 | 13 | 6 | 16 | 28 | 41 | 8 |
| 11 | 15 | 5 | 26 | 17 | 6 | 32 | 773 | 20 | 15 | 27 | 119 | 61 | 80 | 65 | 4 |
| 171 | 285 | 95 | 221 | 80 | 200 | - | - | 5 | 116 | - | - | 472 | 1 937 | - | 183 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | 5 | 128 | - | 78 | 5 | 229 | - | 53 | - | 96 | 17 | 493 | 7 | 7 |
| - | 246 | 17 | 17 | - | 45 | 76 | 2 573 | 19 | 760 | 28 | 1 336 | 258 | 9 379 | 14 | 74 |
| 65 | 3 761 | 85 | 4 023 | 45 | 1 382 | 45 | 18 | - | 5 | 5 | 7 | 5 | 26 | 20 | 1 199 |
| - | 11 | - | 47 | - | 18 | - | 11 | - | 5 | - | - | - | 12 | - | - |
| - | 6 | - | 6 | - | - | - | 4 | - | - | - | - | - | - | - | - |
| 1 585 | 138 | 690 | 62 | 524 | 97 | 2 | 845 | 981 | 108 | 934 | 328 | 6 119 | 981 | 1 004 | 111 |
| 158 | 147 | 92 | 110 | 50 | 75 | 89 | 176 | 26 | 66 | 26 | 129 | 422 | 731 | 35 | 68 |
| 11 | 111 | 110 | 110 | 44 | 44 | 5 | 28 | 32 | 7 | 32 | 32 | 13 | 151 | 35 | 35 |
| 753 | 104 | 352 | 107 | 407 | 82 | 568 | 478 | 316 | 77 | 169 | 134 | 3 115 | 511 | 304 | 131 |
| - | - | - | - | - | - | - | - | - | - | - | - | 12 | 5 | - | - |
| 44 | 182 | 6 | 162 | 5 | 80 | 6 | 150 | 21 | 68 | - | 86 | 47 | 407 | 5 | 65 |
| 48 | 928 | 25 | 809 | 31 | 364 | 39 | 827 | 26 | 474 | 36 | 509 | 132 | 2 646 | 26 | 404 |
| 457 | 119 | 78 | 119 | 135 | 119 | 185 | 35 | 131 | 29 | 228 | 9 | 904 | 235 | 69 | 21 |
| 174 | 138 | 147 | 138 | 171 | 134 | 92 | 232 | 24 | 46 | 138 | 138 | 476 | 606 | 102 | 69 |
| 331 | 854 | 207 | 460 | 166 | 419 | 216 | 1 290 | 201 | 415 | 176 | 617 | 1 111 | 3 843 | 126 | 320 |
| 119 | 84 | 64 | 114 | 79 | 83 | - | - | - | - | 36 | 42 | - | - | - | - |
| 21 131 | 779 | 6 186 | 455 | 9 558 | 660 | 17 878 | 4 010 | 6 271 | 281 | 6 277 | 500 | 85 616 | 5 045 | 7 711 | 486 |
| 192 | 87 | 144 | 41 | 4 | - | - | - | - | - | - | - | 5 | 11 | 3 | - |
| 14 | - | 17 | - | 17 | - | 10 | - | 9 | - | 5 | - | 12 | 20 | 4 | - |
| 111 | 8 | 15 | 5 | 23 | - | 4 | 3 | 10 | 3 | 25 | 9 | 56 | - | 5 | - |
| 64 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 -- Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| | Manufacturing, nondurable goods -- Con. | | | | | | | | | | | | | |
|---|---|-----|-------------------------------|-----|----------------------|--------|--------|--------|-----------------------|--------|-------|--------|--------|--------|
| | Food and kindred products -- Con. | | | | Tobacco manufactures | | | | Textile mill products | | | | | |
| | Miscellaneous food preparation and kindred products | | Not specified food industries | | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| United States | | | | | | | | | | | | | | |
| Craftsmen and kindred workers -- Continued | | | | | | | | | | | | | | |
| Bulldozer operators | 543 | 24 | 13 | - | 22 | - | 9 | - | 4 | - | 22 | 6 | 83 | - |
| Cabinetmakers | 11 | 5 | 75 | 6 | 204 | 6 | 3 | - | 145 | 3 | 134 | 6 | 1 305 | 15 |
| Carpenters | 440 | 5 | 5 | - | 6 | - | 97 | - | - | - | 368 | 46 | 26 | 11 |
| Carpet installers | 3 | - | - | - | - | - | - | - | - | - | - | - | 7 | 7 |
| Cement and concrete finishers | 51 | 5 | 58 | 21 | 25 | 17 | 116 | 238 | 781 | 87 | 35 | 26 | 625 | 141 |
| Compositors and typesetters | 439 | 4 | 36 | - | 19 | - | 12 | - | - | - | 84 | - | 210 | 9 |
| Cranemen, derrickmen, and hoistmen | 5 | - | 9 | - | - | - | 5 | - | - | - | - | - | 5 | - |
| Decorators and window dressers | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Dental laboratory technicians | 1 024 | - | 198 | - | 348 | 5 | 327 | - | 296 | - | 307 | 3 | 3 126 | 56 |
| Electricians | - | - | - | - | - | - | - | - | - | - | - | - | 6 | - |
| Electric power linemen and cablemen | - | - | - | - | - | - | 5 | - | 43 | 22 | 5 | - | 137 | 6 |
| Electrotypers and stereotypers | 138 | 6 | 10 | - | 30 | - | 11 | - | - | - | 5 | - | 28 | 12 |
| Engravers, except photoengravers | 5 | 5 | - | - | 10 | - | 15 | 5 | 2 584 | 109 | 6 | 6 | 99 | 6 |
| Excavating, grading, and road machine operators, except bulldozer | 7 296 | 471 | 2 668 | 301 | 3 259 | 319 | 5 596 | 2 896 | 2 584 | 109 | 2 648 | 263 | 30 437 | 2 566 |
| Floor layers, except tile setters | 9 | - | - | - | 7 | - | 6 | 8 | - | - | 6 | - | 13 | 6 |
| Foremen, n.e.c. | 6 | - | - | - | - | - | 8 | 9 | - | - | 4 | - | 11 | - |
| Foremen and hammermen | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Furniture and wood finishers | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Furriers | 5 | - | - | - | 11 | - | - | - | - | - | - | - | 13 | 4 |
| Glaziers | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Heat treaters, annealers, and temperers | 55 | 26 | 53 | 10 | 119 | 228 | 5 | 41 | - | - | 8 | - | 42 | 139 |
| Inspectors, scalers, and graders, log and lumber | 7 | - | 11 | - | 4 | - | 5 | - | 4 | - | 6 | - | 11 | 5 |
| Inspectors, n.e.c. | 34 | - | - | - | 33 | - | - | - | - | - | - | - | 8 | - |
| Jewelers and watchmakers | 16 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Job and die setters, metal | 34 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Locomotive engineers | 1 213 | 20 | 331 | 16 | 769 | 26 | 878 | 57 | 378 | 5 | 481 | 20 | 3 723 | 182 |
| Locomotive firemen | 6 658 | 87 | 1 794 | 27 | 3 801 | 52 | 10 064 | 290 | 1 402 | 5 | 1 829 | 45 | 41 120 | 1 011 |
| Machinists | 81 | 18 | 71 | 18 | 80 | 7 | 21 | 18 | 9 | - | 18 | - | 834 | 14 |
| Mechanics and repairmen | 27 | - | 6 | - | 7 | - | 11 | - | - | - | - | - | 5 | - |
| Air conditioning, heating, and refrigeration | 11 | - | - | - | - | - | - | - | - | - | - | - | 6 | - |
| Aircraft | 688 | 2 | 110 | - | 51 | - | 75 | - | 38 | - | 41 | - | 301 | 10 |
| Automobile body repairmen | 11 | 6 | 5 | - | 10 | - | 27 | - | 4 | - | - | - | 11 | 5 |
| Automobile mechanics | 22 | 6 | 15 | - | 10 | - | 9 | - | 9 | - | - | - | 37 | 5 |
| Data processing machine repairmen | 4 998 | 40 | 1 335 | 23 | 2 978 | 42 | 9 189 | 231 | 1 097 | - | 1 233 | 30 | 18 802 | 521 |
| Farm implement | 15 | - | 11 | - | 5 | - | 3 | - | 4 | - | 4 | - | 112 | 4 |
| Heavy equipment mechanics, including diesel | - | - | - | - | - | - | 399 | 18 | 129 | - | 360 | 15 | 18 323 | 346 |
| Household appliance and accessory installers and mechanics | 5 | 4 | 4 | - | - | - | - | - | - | - | - | - | - | - |
| Loom fixers | 18 | 7 | 13 | - | 29 | 4 | 34 | 6 | - | - | 6 | - | 152 | - |
| Office machine | 7 | - | 9 | - | 20 | - | 71 | - | - | - | 12 | - | - | - |
| Radio and television | 230 | 14 | 73 | - | 440 | - | 218 | 32 | 34 | 5 | 51 | - | 1 393 | 84 |
| Railroad and car shop | 545 | 14 | 124 | 4 | 181 | 6 | 218 | 6 | 78 | - | 104 | - | 1 137 | 26 |
| Miscellaneous mechanics and repairmen | 246 | 4 | 71 | - | 89 | - | 25 | - | 65 | - | 31 | 7 | 5 | 11 |
| Not specified mechanics and repairmen | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Millwrights | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Millers, grain, flour, and feed | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Molders, metal | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Motion picture projectionists | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Molders, lens grinders and polishers | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Opticians, and lens grinders and polishers | 170 | - | 81 | - | 37 | - | 36 | 4 | 62 | 5 | 12 | - | 295 | 51 |
| Painters, construction and maintenance | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Paperhangers | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Pattern and model makers, except paper | 4 | - | 10 | - | 15 | - | 8 | - | - | - | 4 | - | 69 | 45 |
| Photoengravers and lithographers | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Piano and organ tuners and repairmen | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Plasterers | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| | Food and kindred products—Con. | | Tobacco manufactures | | Textile mill products | | | | | | | | | | |
|--|---|--------|-------------------------------|--------|-----------------------|--------|---|---------|---------------------------------------|--------|--------------------------------|--------|-------------------------------------|---------|--------|
| | Miscellaneous food preparation and kindred products | | Not specified food industries | | Knitting mills | | Dyeing and finishing textiles, except wool and knit goods | | Floor coverings, except hard surfaces | | Yarn, thread, and fabric mills | | Miscellaneous textile mill products | | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| United States | | | | | | | | | | | | | | | |
| Craftsmen and kindred workers—Continued | | | | | | | | | | | | | | | |
| Plumbers and pipe fitters | 450 | — | 105 | — | 140 | — | 50 | 6 | 92 | — | 47 | — | 769 | 15 | |
| Power station operators | 23 | — | — | — | 6 | — | — | — | 9 | — | — | — | 111 | — | |
| Pressmen and plate printers, printing | 59 | 5 | 13 | 17 | 31 | 5 | 48 | 41 | 103 | 15 | 15 | — | 183 | 43 | |
| Rollers and finishers, metal | 4 | — | — | — | 12 | — | — | — | — | — | — | — | 12 | — | |
| Rooters and slaters | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Sheetmetal workers and fimsmiths | 196 | — | 55 | — | 106 | — | 9 | — | — | — | — | — | 185 | 15 | |
| Shipfitters | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Shoe repairmen | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Sign painters and letterers | 6 | — | 5 | — | 5 | — | 6 | — | — | — | — | — | 5 | — | |
| Stationary engineers | 1 150 | 6 | 266 | 5 | 127 | — | 74 | 5 | 137 | — | 62 | 4 | 767 | 94 | |
| Stone cutters and stone carvers | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Structural metal craftsmen | 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Tanners | 5 | — | 5 | — | — | — | — | — | — | — | — | — | — | — | |
| Telephone installers and repairmen | — | — | — | — | — | — | 388 | 397 | 71 | 27 | 5 | 15 | 779 | 431 | |
| Telephone linemen and splicers | — | — | — | — | — | — | 18 | — | 6 | — | — | — | 15 | 6 | |
| Tile setters | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Tool and die makers | 4 | — | 10 | — | 37 | — | 29 | — | 21 | — | — | — | 93 | 5 | |
| Upholsterers | — | — | — | — | — | — | 3 | — | 6 | — | — | — | 555 | 56 | |
| Craftsmen and kindred workers, n.e.c. | 72 | — | 11 | — | 92 | — | 16 | — | 15 | — | — | — | 155 | 22 | |
| Craftsmen and kindred workers—allocated | 301 | 16 | 112 | 6 | 150 | 4 | — | — | — | — | 76 | — | — | — | |
| Operatives, except transport | 26 617 | 15 962 | 7 024 | 6 183 | 14 453 | 19 896 | 25 485 | 112 608 | 19 303 | 6 828 | 16 482 | 11 947 | 165 860 | 209 069 | 17 280 |
| Asbestos and insulation workers | 6 | — | — | — | 9 | — | — | — | 6 | — | — | — | 21 | — | — |
| Assemblers | 391 | 507 | 332 | 342 | 210 | 168 | 59 | 320 | 45 | 56 | 82 | 121 | 454 | 424 | 163 |
| Bottling and canning operatives | 650 | 644 | 160 | 172 | 10 | 17 | — | — | 5 | 6 | — | — | — | — | — |
| Chainmen, rodmen, and axmen, surveying | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Checkers, examiners, and inspectors, manufacturing | 598 | 808 | 436 | 493 | 1 244 | 5 036 | 1 060 | 12 728 | 1 311 | 1 165 | 1 309 | 1 837 | 6 338 | 17 311 | — |
| Clothing ironers and pressers | 6 | — | — | — | 6 | — | 780 | 866 | 8 | 13 | — | 27 | 266 | 501 | 909 |
| Carriage operatives, n.e.c. | 202 | 94 | 31 | 49 | 237 | 92 | 701 | 2 847 | 154 | 141 | 1 083 | 488 | 2 182 | 1 516 | 517 |
| Dressmakers and seamstresses, except factory | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Drillers, earth | 9 | — | — | — | 5 | — | — | — | 4 | — | — | — | — | — | — |
| Dry wall installers and lathers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Dyers | 6 | 6 | — | — | 4 | — | — | — | — | — | — | — | 26 | 16 | — |
| Filers, polishers, sanders, and buffers | 92 | — | 11 | 5 | 10 | 5 | 2 622 | 224 | 5 047 | 211 | 1 408 | 92 | 7 584 | 508 | 675 |
| Furnacemen, smelters, and pourers | 9 | — | — | — | 16 | — | 20 | 9 | 9 | 6 | 15 | — | 198 | 58 | 41 |
| Garage workers and gas station attendants | 58 | 6 | 2 | — | 4 | — | — | 4 | 5 | — | — | — | 23 | 14 | 10 |
| Graders and sorters, manufacturing | 117 | 331 | 56 | 133 | 78 | 435 | 67 | 254 | 69 | 33 | 24 | 26 | 793 | 2 046 | 145 |
| Produce graders and packers, except factory and farm | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Heaters, metal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Laundry and drycleaning operatives, n.e.c. | 5 | — | — | — | — | — | 30 | 51 | 31 | 6 | 105 | 4 | 5 | 75 | 4 |
| Meat cutters and butchers | 297 | 28 | 257 | 64 | — | — | — | 78 | — | — | 4 | 7 | 18 | 25 | 4 |
| Meat wrappers, retail trade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Metal platers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Milliners | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mine operatives, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mixing operatives | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Oilers and greasers, except auto | 978 | 52 | 414 | 27 | 306 | 79 | 79 | 25 | 317 | 19 | 257 | — | 933 | 106 | 363 |
| Packers and wrappers, except meat and produce | 366 | 44 | 69 | 24 | 314 | 19 | 51 | 15 | 57 | 57 | 41 | — | 2 356 | 93 | 180 |
| Painters, manufactured articles | 2 979 | 8 871 | 932 | 2 997 | 2 147 | 5 185 | 1 219 | 4 455 | 615 | 349 | 482 | 277 | 4 323 | 3 452 | 534 |
| Photographic process workers | 157 | — | 26 | 4 | 48 | 18 | 25 | 5 | 36 | 20 | 34 | 10 | 386 | 75 | 63 |
| Precision machine operatives | 10 | 9 | 9 | 8 | 12 | 10 | 4 | 6 | 13 | 4 | 94 | — | 41 | 20 | 10 |
| Drill press operatives | 186 | — | 66 | 5 | 53 | 6 | 76 | 4 | 61 | 4 | 22 | — | 989 | 439 | 104 |
| Grinding machine operatives | 20 | — | — | — | 17 | 6 | 10 | 10 | 5 | 4 | 7 | — | 83 | 18 | 4 |
| Lathe and milling machine operatives | 79 | — | 20 | — | 10 | — | — | — | 15 | — | 9 | — | 80 | 5 | 4 |
| Precision machine operatives, n.e.c. | 76 | 9 | 42 | 5 | 22 | — | — | — | 20 | 4 | 42 | 7 | 354 | 45 | 11 |
| | 11 | — | 4 | — | 4 | — | — | — | 21 | — | 36 | 15 | 472 | 371 | 32 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| | Manufacturing, nondurable goods—Con. | | | | | | | | | | | | | | | |
|---|---|--------|-------------------------------|--------|----------------------|--------|--------|--------|-----------------------|--------|--------|--------|-------|--------|--------|--------|
| | Food and kindred products—Con. | | | | Tobacco manufactures | | | | Textile mill products | | | | | | | |
| | Miscellaneous food preparation and kindred products | | Not specified food industries | | Male | | Female | | Male | | Female | | Male | | Female | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| United States | | | | | | | | | | | | | | | | |
| Operatives, except transport—Continued | | | | | | | | | | | | | | | | |
| Punch and stamping press operatives | 30 | 5 | 15 | — | 21 | 18 | — | — | — | — | — | — | — | — | — | — |
| Riveters and fasteners | — | 22 | 8 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sailors and deckhands | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sawyers | 51 | 5 | 11 | 6 | 11 | 52 | 9 | — | — | — | — | — | — | — | — | — |
| Sewers and stitchers | 152 | 41 | 6 | 35 | 8 | 56 | 289 | 618 | 13 | 32 | 13 | 289 | 618 | 211 | 24 | 3 |
| Shoemaking machine operatives | — | 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Solderers | — | 8 | 128 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Stationary firemen | 856 | — | — | — | 194 | — | — | — | — | 134 | — | 336 | 4 | 10 | 118 | 6 |
| Textile operatives | | | | | | | | | | | | | | | | |
| Carding, lapsing, and combing operatives | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Knitters, looper, and toppers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Spinners, twistors, and winders | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Weavers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Textile operatives, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Welders and flameworkers | 1 143 | 4 | 165 | 21 | 108 | — | — | — | — | 21 | — | 54 | 2 139 | 6 | 42 421 | 5 |
| Winding operatives, n.e.c. | 6 | 10 | 10 | 4 | 43 | 29 | — | — | — | 46 | — | 14 | 47 | 2 | 1 065 | 34 |
| Machine operatives, miscellaneous specified | 8 703 | 2 074 | 1 605 | 735 | 4 462 | 3 908 | — | — | — | — | — | — | — | — | — | — |
| Machine operatives, not specified | 3 929 | 1 284 | 1 042 | 496 | 2 814 | 1 725 | — | — | — | — | — | — | — | — | — | — |
| Miscellaneous operatives | 3 268 | 649 | 697 | 337 | 1 403 | 2 619 | — | — | — | — | — | — | — | — | — | — |
| Not specified operatives | 1 194 | 385 | 421 | 185 | 577 | 413 | — | — | — | — | — | — | — | — | — | — |
| Operatives, except transport—allocated | 154 | 65 | 110 | 37 | 99 | 53 | — | — | — | — | — | — | — | — | — | — |
| Transport equipment operatives | | | | | | | | | | | | | | | | |
| Boatmen and canalmen | 12 320 | 135 | 3 172 | 56 | 1 604 | 68 | 1 003 | 30 | 931 | 30 | 2 227 | 73 | 182 | 1 327 | 20 | — |
| Bus drivers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Conductors and motormen, urban rail transit | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Deliverymen and routemen | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Fork lift and tow motor operatives | 4 653 | 70 | 1 015 | 15 | 122 | 6 | 202 | 4 | 88 | 4 | 123 | 8 | 16 | 101 | 5 | |
| Motorists; mine, factory, logging camp, etc. | 1 653 | 7 | 918 | 25 | 863 | 47 | 217 | 9 | 392 | 6 | 1 199 | 60 | 90 | 652 | 10 | |
| Parking attendants | 39 | 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Railroad brakemen | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Railroad switchmen | 38 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Toxicob drivers and chauffeurs | 54 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Truck drivers | 5 750 | 52 | 1 165 | 10 | 499 | 15 | 559 | 17 | 301 | 11 | 822 | 5 | 76 | 517 | 5 | |
| Transport equipment operatives—allocated | 115 | — | 43 | 6 | 53 | — | — | — | — | — | — | — | — | — | — | — |
| Laborers, except farm | | | | | | | | | | | | | | | | |
| Animal caretakers, except farm | 10 377 | 899 | 2 996 | 414 | 3 456 | 997 | 2 686 | 2 761 | 1 679 | 252 | 1 317 | 468 | 6 693 | 1 997 | 471 | |
| Carpenters' helpers | 20 | — | — | — | 5 | — | — | — | — | — | — | — | — | — | — | |
| Construction laborers, except carpenters' helpers | 14 | — | — | — | 9 | — | — | — | 6 | — | 9 | 3 | — | 9 | — | |
| Fishermen and oystermen | 126 | 4 | — | — | 18 | — | — | — | 28 | — | 39 | — | 19 | 41 | — | |
| Freight and material handlers | 6 | — | 19 | — | — | — | — | — | — | — | — | — | — | — | — | |
| Garbage collectors | 3 584 | 126 | 1 104 | 100 | 1 651 | 531 | 1 050 | 637 | 738 | 72 | 463 | 116 | 2 663 | 766 | 108 | |
| Gardeners and groundskeepers, except farm | 16 | — | 13 | — | — | — | — | — | — | — | — | — | — | — | — | |
| Longshoremen and stevedores | 256 | — | 18 | 6 | 13 | 4 | 53 | — | 22 | — | 21 | 4 | 347 | 29 | — | |
| Lumbermen, raftermen, and woodchoppers | 61 | — | 98 | — | — | — | — | — | — | — | — | — | — | — | — | |
| Stock handlers | 10 | — | 7 | — | — | — | — | — | 24 | — | — | — | — | — | — | |
| Teamsters | 815 | 338 | 194 | 33 | 222 | 63 | 654 | 1 530 | 166 | 69 | 88 | 206 | 1 756 | 142 | 55 | |
| Vehicle washers and equipment cleaners | 11 | — | 4 | — | — | — | — | — | 27 | — | 9 | — | 821 | 5 | — | |
| Warehousemen, n.e.c. | 622 | 113 | 359 | 16 | 240 | 56 | 148 | 46 | 52 | 35 | 57 | 14 | 2 738 | 198 | 48 | |
| Miscellaneous laborers | 703 | 13 | 238 | — | 102 | 10 | 132 | 10 | 60 | 16 | 44 | 7 | 654 | 94 | 7 | |
| Not specified laborers | 846 | 58 | 67 | 27 | 123 | 81 | 95 | 167 | 69 | 34 | 81 | 13 | 1 822 | 135 | 136 | |
| Laborers, except farm—allocated | 3 203 | 231 | 816 | 232 | 1 005 | 262 | 504 | 324 | 414 | 42 | 483 | 112 | 4 408 | 572 | 117 | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | | Manufacturing, nondurable goods—Con. | | | | | | | | | | | |
|--|--|--------------------------------------|--------|------|--------|----------------------|--------|-----------------------|--------|------|--------|-------------------------------------|--------|
| | | Food and kindred products—Con. | | | | Tobacco manufactures | | Textile mill products | | | | Miscellaneous textile mill products | |
| | | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Formers and farm managers | | | | | | | | | | | | | |
| Farm foremen | | | | | | | | | | | | | |
| Farm laborers and farm foremen | | | | | | | | | | | | | |
| Farm laborers, wage workers | | | | | | | | | | | | | |
| Farm laborers, unpaid family workers | | | | | | | | | | | | | |
| Farm service laborers, self-employed | | | | | | | | | | | | | |
| Farm laborers and farm foremen—allocated | | | | | | | | | | | | | |
| Service workers, except private household | | | | | | | | | | | | | |
| Cleaning service workers | | | | | | | | | | | | | |
| Chambermaids and maids, except private household | | | | | | | | | | | | | |
| Cleaners and charwomen | | | | | | | | | | | | | |
| Janitors and sextons | | | | | | | | | | | | | |
| Food service workers | | | | | | | | | | | | | |
| Bartenders | | | | | | | | | | | | | |
| Busboys | | | | | | | | | | | | | |
| Cooks, except private household | | | | | | | | | | | | | |
| Dishwashers | | | | | | | | | | | | | |
| Food counter and fountain workers | | | | | | | | | | | | | |
| Waiters | | | | | | | | | | | | | |
| Food service workers, n.e.c., except private household | | | | | | | | | | | | | |
| Health service workers | | | | | | | | | | | | | |
| Dental assistants | | | | | | | | | | | | | |
| Health aides, except nursing | | | | | | | | | | | | | |
| Health trainees | | | | | | | | | | | | | |
| Lay midwives | | | | | | | | | | | | | |
| Nursing aides, orderlies, and attendants | | | | | | | | | | | | | |
| Practical nurses | | | | | | | | | | | | | |
| Personal service workers | | | | | | | | | | | | | |
| Airline stewardesses | | | | | | | | | | | | | |
| Attendants, recreation and amusement | | | | | | | | | | | | | |
| Attendants, personal service, n.e.c. | | | | | | | | | | | | | |
| Baggage porters and bellhops | | | | | | | | | | | | | |
| Barbers | | | | | | | | | | | | | |
| Boarding and lodging house keepers | | | | | | | | | | | | | |
| Boorblacks | | | | | | | | | | | | | |
| Child care workers, except private household | | | | | | | | | | | | | |
| Elevator operators | | | | | | | | | | | | | |
| Hairdressers and cosmetologists | | | | | | | | | | | | | |
| Housekeepers, except private household | | | | | | | | | | | | | |
| School monitors | | | | | | | | | | | | | |
| Ushers, recreation and amusement | | | | | | | | | | | | | |
| Welfare service aides | | | | | | | | | | | | | |
| Protective service workers | | | | | | | | | | | | | |
| Crossing guards and bridge tenders | | | | | | | | | | | | | |
| Firemen, fire protection | | | | | | | | | | | | | |
| Guards and watchmen | | | | | | | | | | | | | |
| Marshals and constables | | | | | | | | | | | | | |
| Policemen and detectives | | | | | | | | | | | | | |
| Sheriffs and bailiffs | | | | | | | | | | | | | |
| Service workers, except private household—allocated | | | | | | | | | | | | | |
| Private household workers | | | | | | | | | | | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

Manufacturing, nondurable goods - Con.

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| | Apparel and other fabricated textile products | | | | Paper and allied products | | | | Printing, publishing, and allied industries | | | | | |
|---|---|--------|---|--------|-----------------------------------|--------|---------------------------------------|--------|---|--------|-----------------------------------|--------|--|--------|
| | Apparel and accessories | | Miscellaneous fabricated textile products | | Pulp, paper, and paperboard mills | | Miscellaneous paper and pulp products | | Paperboard containers and boxes | | Newspaper publishing and printing | | Printing, publishing, and allied industries, except newspapers | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| United States | | | | | | | | | | | | | | |
| Professional, technical, and kindred workers - Continued | | | | | | | | | | | | | | |
| Registered nurses, dietitians, and therapists | | | | | | | | | | | | | | |
| Diertrians | | | | | | | | | | | | | | |
| Registered nurses | 147 | | | 22 | | 9 | 383 | | | | | | 5 | 234 |
| Health technologists and technicians | 147 | | | 22 | | 5 | 383 | | | | | | 5 | 13 |
| Therapists | | 4 | | 8 | | 4 | 11 | | | | | | 27 | 221 |
| Clinical laboratory technologists and technicians | | | | 8 | | 26 | | | | | | | 7 | 24 |
| Dental hygienists | | | | 8 | | 10 | | | | | | | | |
| Health record technologists and technicians | | | | | | | | | | | | | | |
| Radiologic technologists and technicians | | | | | | | | | | | | | | |
| Therapy assistants | | | | | | | | | | | | | | |
| Health technologists and technicians, n.e.c. | | | | | | 16 | | | | | | | 40 | 8 |
| Religious workers | | | | | | | | | | | | | | 5 |
| Clergymen | | | | | | | | | | | | | | 11 |
| Religious workers, n.e.c. | | | | | | | | | | | | | | 36 |
| Social scientists | 106 | 10 | 15 | | | | | | | | | | 17 | 15 |
| Economists | 106 | 10 | 15 | | | 349 | 21 | 192 | 141 | 13 | 10 | 53 | 33 | 36 |
| Political scientists | | | | | | 345 | 21 | 188 | 135 | 13 | 105 | 48 | 680 | 172 |
| Psychologists | | | | | | 4 | | 4 | 6 | | 5 | 5 | 637 | 142 |
| Urban and regional planners | | | | | | | | | | | | | 17 | 11 |
| Social scientists, n.e.c. | | | | | | | | | | | | | 14 | 4 |
| Social and recreation workers | 5 | 14 | | | | 18 | | 5 | | | 8 | 11 | 14 | |
| Social workers | 5 | 14 | | | | 12 | | 5 | | | 8 | 11 | 9 | |
| Recreation workers | | | | | | 6 | | | | | 8 | 11 | 5 | |
| Teachers, college and university | | | | | | | | | | | | | | |
| Adult education teachers | 32 | 377 | | 14 | | 29 | 22 | 14 | 15 | 11 | 18 | | 60 | 30 |
| Elementary and secondary school teachers | | | | | | | | | | | | | | |
| Preschool and kindergarten teachers | | | | | | | | | | | | | | |
| Teachers, except college and university, n.e.c. | 35 | 811 | 11 | 35 | | 25 | | 18 | | | 9 | | 55 | 40 |
| Engineering and science technicians | 845 | 544 | 241 | 69 | | 7 748 | 771 | 1 244 | 738 | 65 | 295 | 33 | 2 108 | 771 |
| Agriculture and biological, except health | | | | | | 24 | | 5 | | | | | | |
| Chemical | 6 | | 26 | 6 | | 574 | 24 | 84 | 51 | 5 | 19 | 11 | 56 | 27 |
| Draftsmen | 615 | 294 | 84 | 6 | | 717 | 31 | 225 | 270 | 11 | 53 | 9 | 1 201 | 509 |
| Electrical and electronic engineering | 32 | | 16 | 4 | | 110 | | 47 | 36 | | 169 | | 245 | 19 |
| Industrial engineering | 65 | 117 | 16 | 4 | | 181 | 22 | 101 | 85 | 6 | | | 167 | 24 |
| Mechanical engineering | | | 5 | | | 84 | | 36 | 15 | | | | | |
| Mathematical | | | | | | | | | | | | | | |
| Surveyors | 6 | 6 | | | | 102 | | | 10 | | 9 | | 8 | 20 |
| Engineering and science, n.e.c. | 121 | 127 | 94 | 49 | | 5 956 | 694 | 746 | 271 | 43 | 45 | 13 | 431 | 172 |
| Technicians, except health, and engineering and science | 41 | 10 | 72 | | | 250 | 27 | 30 | 42 | 5 | 89 | 18 | 138 | 31 |
| Airplane pilots | 23 | 5 | 55 | | | 113 | | 11 | 26 | | 34 | | 45 | |
| Air traffic controllers | | | | | | | | | | | | | | |
| Embalmers | | | | | | 5 | | | | | 11 | 5 | | |
| Flight engineers | | | | | | | | | | | | | | |
| Radio operators | | | | | | | | | | | | | | |
| Tool programmers, numerical control | | | | | | | | | | | | | | |
| Technicians, n.e.c. | 13 | 5 | 12 | | | 6 | 4 | | 10 | | 14 | 10 | 5 | 11 |
| Vocational and educational counselors | 5 | | | | | 126 | 23 | 19 | 6 | | 25 | 3 | 69 | 20 |
| | | 5 | | | | | | | 12 | | 16 | 23 | 96 | 138 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | | Manufacturing, nondurable goods—Con. | | | | | | | | | | | | |
|---|--------|---|--------|---|--------|-----------------------------------|--------|---------------------------------------|--------|---|--------|-----------------------------------|--------|--|
| | | Apparel and other fabricated textile products | | | | Paper and allied products | | | | Printing, publishing, and allied industries | | | | |
| | | Apparel and accessories | | Miscellaneous fabricated textile products | | Pulp, paper, and paperboard mills | | Miscellaneous paper and pulp products | | Paperboard containers and boxes | | Newspaper publishing and printing | | Printing, publishing, and allied industries, except newspapers |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Professional, technical, and kindred workers—Continued | | | | | | | | | | | | | | |
| Writers, artists, and entertainers | 4 651 | 5 195 | 470 | 318 | 712 | 133 | 662 | 211 | 1 141 | 227 | 44 656 | 24 106 | 32 180 | 21 399 |
| Actors | 33 | 5 | — | — | 5 | — | 8 | — | 7 | — | 11 | 11 | 16 | — |
| Athletes and kindred workers | 5 | 11 | 10 | — | 11 | 11 | 7 | — | — | — | 109 | 88 | 18 | 14 |
| Authors | 4 294 | 4 824 | 318 | 190 | 212 | 24 | 218 | 79 | 774 | 74 | 273 | 189 | 1 570 | 1 186 |
| Dancers | 44 | 53 | 6 | 8 | 68 | 19 | 15 | 21 | 20 | 38 | 36 602 | 22 125 | 13 457 | 13 288 |
| Designers | 15 | 5 | 6 | 6 | 145 | 36 | 312 | 80 | 232 | 95 | 48 | 5 | 149 | 56 |
| Editors and reporters | 20 | 16 | 101 | 102 | 30 | 4 | 52 | 7 | 33 | 6 | 4 532 | 1 072 | 7 066 | 4 330 |
| Musicians and composers | 137 | 108 | 29 | 4 | 207 | 29 | 50 | 20 | 48 | 6 | 724 | 163 | 6 782 | 6 445 |
| Painters and sculptors | 38 | 9 | — | — | 34 | 10 | — | — | 6 | 14 | 17 | 10 | 1 096 | 17 |
| Photographers | 61 | 6 | 22 | 9 | 509 | 20 | 81 | 16 | 21 | 149 | 149 | 39 | 965 | 454 |
| Public relations men and publicity writers | — | — | — | — | 324 | 70 | 161 | 58 | 58 | 26 | 255 | 95 | 531 | 648 |
| Radio and television announcers | — | — | — | — | — | — | — | — | — | — | — | — | 580 | 286 |
| Writers, artists, and entertainers, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Research workers, not specified | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Professional, technical, and kindred workers—allocated | 28 625 | 5 876 | 5 526 | 1 198 | 12 378 | 496 | 8 060 | 523 | 10 011 | 401 | 25 861 | 4 325 | 54 064 | 8 226 |
| Managers and administrators, except farm | | | | | | | | | | | | | | |
| Assessors, controllers, and treasurers | 472 | 110 | 73 | 5 | 258 | — | 109 | 4 | 181 | 5 | 152 | 23 | 654 | 66 |
| Bank officers and financial managers | — | — | — | — | 9 | — | 6 | — | — | — | — | — | — | — |
| Buyers and shippers, farm products | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Buyers, wholesale and retail trade | 329 | 160 | 35 | 14 | 112 | 10 | 84 | 21 | 74 | 24 | 225 | 66 | 288 | 141 |
| Credit men | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Funeral directors | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health administrators | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Construction inspectors; public administration inspectors, except construction; public administration | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Managers and superintendents, building | 11 | — | — | — | — | — | 11 | — | 5 | — | 34 | 6 | 38 | — |
| Office managers, n.e.c. | 648 | 1 053 | 153 | 300 | 325 | 84 | 214 | 116 | 364 | 122 | 541 | 595 | 1 579 | 1 451 |
| Officers, pilots, and purser; ship | 5 | 4 | — | — | 25 | — | 5 | — | 17 | — | 5 | — | 5 | 4 |
| Officials and administrators; public administration, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Officials of lodges, societies, and unions | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Postmasters and mail superintendents | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Purchasing agents and buyers, n.e.c. | 1 772 | 425 | 223 | 56 | 1 243 | 104 | 572 | 93 | 537 | 52 | 215 | 25 | 1 823 | 395 |
| Railroad conductors | 9 | 28 | — | — | 5 | 8 | — | — | 10 | — | 3 | 9 | 24 | 22 |
| Restaurant, cafeteria, and bar managers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sales managers and department heads, retail trade | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sales managers, except retail trade | 2 371 | 177 | 383 | — | 1 623 | 57 | 1 332 | 45 | 1 695 | 35 | 10 304 | 1 091 | 6 451 | 844 |
| School administrators, college | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| School administrators, elementary and secondary | 23 008 | 3 919 | 4 659 | 818 | 8 457 | 209 | 5 645 | 230 | 7 023 | 150 | 14 177 | 2 474 | 42 763 | 5 217 |
| Managers and administrators, n.e.c., (excl. office managers, n.e.c.) | 20 606 | 3 320 | 3 613 | 461 | 8 327 | 209 | 5 483 | 219 | 6 749 | 139 | 12 126 | 1 986 | 35 693 | 4 199 |
| Salaried | 2 402 | 599 | 1 046 | 357 | 1 300 | 11 | 162 | 11 | 274 | 11 | 2 051 | 488 | 7 070 | 1 018 |
| Self-employed | — | — | — | — | 321 | 24 | 82 | 14 | 105 | 13 | 205 | 36 | 439 | 86 |
| Managers and administrators, except farm—allocated | 18 506 | 4 294 | 2 435 | 460 | 4 887 | 226 | 5 021 | 285 | 6 657 | 350 | 60 812 | 15 031 | 39 098 | 5 586 |
| Advertising agents and salesmen | 33 | 13 | 6 | — | 48 | 6 | 14 | — | 10 | — | 9 637 | 3 366 | 3 990 | 354 |
| Auctioneers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Demonstrators | 6 | 78 | — | — | — | — | — | — | — | — | 13 | 6 | 20 | 26 |
| Hucksters and peddlers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Insurance agents, brokers, and underwriters | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Newsboys | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Real estate agents and brokers | — | — | — | — | — | — | — | — | — | — | 45 715 | 8 619 | 672 | 118 |
| Stock and bond salesmen | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Salesmen and sales clerks, n.e.c. | 18 467 | 4 203 | 2 429 | 460 | 4 614 | 197 | 4 958 | 245 | 6 553 | 317 | 5 262 | 2 966 | 34 107 | 4 628 |
| Sales workers—allocated | — | — | — | — | 225 | 23 | 49 | 40 | 94 | 33 | 175 | 74 | 309 | 256 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

[Data based on 20 percent sample, see text. For meaning of symbols, see text.]

| | Manufacturing, nondurable goods - Con. | | | | | | | | | | | | | |
|---|---|--------|---|-------|-----------------------------------|--------|---------------------------------------|--------|---|--------|-----------------------------------|--------|--|---------|
| | Apparel and other fabricated textile products | | | | Paper and allied products | | | | Printing, publishing, and allied industries | | | | | |
| | Apparel and accessories | | Miscellaneous fabricated textile products | | Pulp, paper, and paperboard mills | | Miscellaneous paper and pulp products | | Paperboard containers and boxes | | Newspaper publishing and printing | | Printing, publishing, and allied industries, except newspapers | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Clerical and kindred workers | | | | | | | | | | | | | | |
| Bank tellers | 23 125 | 58 974 | 3 712 | 8 530 | 15 814 | 19 941 | 7 035 | 13 237 | 8 114 | 13 970 | 30 908 | 75 121 | 38 865 | 128 750 |
| Billing clerks | 195 | 1 307 | 11 | 206 | 87 | 511 | 38 | 478 | 69 | 699 | 53 | 604 | 336 | 2 076 |
| Bookkeepers | 1 530 | 12 769 | 355 | 1 668 | 908 | 2 055 | 375 | 1 559 | 596 | 2 075 | 1 295 | 8 715 | 2 599 | 16 566 |
| Cashiers | 51 | 358 | - | - | 41 | 78 | 10 | 29 | 9 | 31 | 132 | 544 | 56 | 474 |
| Clerical assistants, social welfare | 93 | 277 | 22 | 16 | 143 | 93 | 47 | 47 | 94 | 55 | 121 | 143 | 368 | 478 |
| Clerical supervisors, n.e.c. | 6 | 31 | 8 | 6 | 10 | 4 | 7 | 4 | 5 | 10 | 451 | 287 | 134 | 67 |
| Collectors, bill and account | 393 | 1 039 | 70 | 162 | 271 | 243 | 179 | 214 | 172 | 266 | 1 339 | 5 252 | 620 | 2 160 |
| Counter clerks, except food | 16 | 8 | - | - | 47 | 3 | 13 | - | 97 | 81 | 197 | 81 | 55 | 34 |
| Dispatchers and starters, vehicle | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Enumerators and interviewers | 3 | 5 | 11 | 4 | 18 | 5 | - | 14 | - | 7 | 5 | 62 | 245 | 677 |
| Estimators and investigators, n.e.c. | 209 | 288 | 56 | 17 | 81 | 343 | 211 | 81 | 178 | 178 | 394 | 335 | 2 445 | 1 135 |
| Expeditors and production controllers | 1 432 | 1 053 | 275 | 116 | 1 405 | 320 | 613 | 295 | 932 | 213 | 802 | 393 | 2 776 | 1 518 |
| File clerks | 261 | 2 308 | 35 | 349 | 190 | 491 | 73 | 526 | 119 | 320 | 619 | 1 707 | 1 001 | 7 534 |
| Insurance adjusters, examiners, and investigators | 5 | - | 6 | 5 | 5 | 5 | 5 | 5 | - | - | 5 | 7 | 14 | 15 |
| Library attendants and assistants | 4 | 7 | - | - | - | - | - | - | - | - | 53 | 147 | 53 | 139 |
| Mail carriers, post office | 272 | 342 | 20 | 75 | 301 | 123 | 105 | 142 | 94 | 55 | 7 962 | 933 | 3 291 | 3 512 |
| Mail handlers, except post office | 181 | 121 | 34 | 19 | 65 | 5 | 37 | - | 42 | - | 2 141 | 464 | 2 082 | 284 |
| Messengers, including telegraph, and office boys | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Meter readers, utilities | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Office machine operators | | | | | | | | | | | | | | |
| Bookkeeping and billing machine | 901 | 3 835 | 118 | 431 | 927 | 1 397 | 371 | 999 | 182 | 718 | 1 226 | 1 946 | 3 354 | 8 211 |
| Calculating machine | 55 | 535 | 13 | 78 | 9 | 90 | 20 | 102 | 14 | 78 | 15 | 230 | 172 | 824 |
| Computer and peripheral equipment | 16 | 338 | 10 | 30 | 9 | 46 | 45 | 49 | 16 | 64 | 15 | 99 | 62 | 358 |
| Duplicating machine | 459 | 191 | 30 | 35 | 491 | 130 | 145 | 62 | 85 | 40 | 414 | 224 | 1 254 | 524 |
| Keypunch | 33 | 102 | 5 | 14 | 29 | 58 | 21 | 34 | 25 | 52 | 50 | 23 | 564 | 532 |
| Tabulating machine | 282 | 2 359 | 40 | 242 | 228 | 1 000 | 21 | 534 | 23 | 437 | 95 | 826 | 378 | 4 323 |
| Office machine, n.e.c. | 12 | 32 | - | - | 19 | 19 | 15 | 67 | 27 | 27 | 11 | 15 | 51 | 288 |
| Payroll and timekeeping clerks | 44 | 278 | 20 | 26 | 142 | 54 | 87 | 151 | 19 | 20 | 626 | 529 | 873 | 1 162 |
| Postal clerks | 231 | 4 449 | 22 | 287 | 495 | 610 | 100 | 429 | 108 | 831 | 215 | 404 | 424 | 1 611 |
| Proofreaders | | | | | | | | | | | | | | |
| Real estate appraisers | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Receptionists | 56 | 1 016 | - | 5 | 27 | 340 | 18 | 365 | 21 | 452 | 70 | 1 374 | 10 | 2 405 |
| Secretaries | 458 | 11 043 | 67 | 2 216 | 189 | 8 102 | 108 | 4 002 | 52 | 4 405 | 164 | 10 265 | 66 | 33 670 |
| Legal | 5 | 15 | - | 4 | 4 | 26 | - | 15 | - | 28 | - | 21 | 5 | 58 |
| Medical | 5 | - | - | - | - | - | - | - | - | - | - | - | 6 | 13 |
| Shipping and receiving clerks | 12 115 | 4 689 | 1 841 | 624 | 3 834 | 1 778 | 2 654 | 285 | 2 749 | 301 | 388 | 82 | 8 863 | 2 583 |
| Statistical clerks | 290 | 841 | 56 | 54 | 643 | 389 | 131 | 225 | 92 | 152 | 346 | 538 | 764 | 2 773 |
| Stenographers | 10 | 239 | - | 28 | 9 | 376 | 5 | 108 | 5 | 81 | 495 | 277 | 83 | 763 |
| Stock clerks and storekeepers | 2 747 | 1 705 | 409 | 207 | 2 440 | 259 | 1 040 | 307 | 1 000 | 217 | 234 | 59 | 2 761 | 1 023 |
| Teacher aides, except school monitors | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Telegraph operators | - | 15 | - | - | 5 | 4 | - | - | 4 | - | 77 | 21 | 28 | 28 |
| Telephone operators | 30 | 890 | 5 | 119 | 99 | 453 | 17 | 220 | 17 | 383 | 190 | 2 246 | 50 | 1 430 |
| Ticket, station, and express agents | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Typists | 165 | 3 839 | 28 | 906 | 169 | 1 875 | 79 | 1 605 | 109 | 1 294 | 1 497 | 10 760 | 1 380 | 22 807 |
| Weighers | 99 | 27 | 34 | 22 | 1 009 | 30 | 61 | 12 | 66 | 16 | 16 | 9 | 101 | 97 |
| Miscellaneous clerical workers | 552 | 1 474 | 89 | 187 | 814 | 316 | 291 | 233 | 395 | 229 | 1 967 | 2 047 | 1 801 | 4 153 |
| Not specified clerical workers | 817 | 4 999 | 140 | 669 | 1 101 | 1 421 | 347 | 878 | 425 | 786 | 1 227 | 4 016 | 1 801 | 9 647 |
| Clerical and kindred workers - allocated | - | - | - | - | 217 | 176 | 100 | 175 | 147 | 196 | 163 | 373 | 304 | 860 |
| Craftsman and kindred workers | | | | | | | | | | | | | | |
| Automobile accessories installers | 49 768 | 33 856 | 9 026 | 2 714 | 61 651 | 1 196 | 22 810 | 2 032 | 31 456 | 1 137 | 87 663 | 9 922 | 229 806 | 40 223 |
| Bakers | 10 | 5 | 56 | 13 | - | - | - | 4 | - | - | - | - | 6 | 55 |
| Blacksmiths | 6 | - | 5 | - | 49 | - | 5 | - | - | - | - | 5 | 49 | - |
| Boilermakers | 8 | - | - | - | 255 | - | 30 | - | 38 | - | 87 | - | 46 | 24 |
| Bookbinders | - | - | 10 | - | 36 | - | 34 | - | 9 | - | 173 | - | 19 | 17 |
| Brickmasons and stonemasons | 27 | 15 | - | - | 291 | - | 291 | - | 16 | - | 46 | - | 17 | 469 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | | Manufacturing, nondurable goods—Con. | | | | | | | | | | | | |
|--|--------|---|--------|---|--------|-----------------------------------|--------|---------------------------------------|--------|---|--------|-----------------------------------|--------|--|
| | | Apparel and other fabricated textile products | | | | Paper and allied products | | | | Printing, publishing, and allied industries | | | | |
| | | Apparel and accessories | | Miscellaneous fabricated textile products | | Pulp, paper, and paperboard mills | | Miscellaneous paper and pulp products | | Paperboard containers and boxes | | Newspaper publishing and printing | | Printing, publishing, and allied industries, except newspapers |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Craftsmen and kindred workers—Continued | | | | | | | | | | | | | | |
| 5 | — | 11 | — | 902 | 7 | 121 | — | 80 | — | 10 | — | 48 | — | — |
| 20 | 6 | 33 | — | 27 | 15 | 156 | 5 | — | 7 | — | — | 15 | — | — |
| 320 | — | 168 | — | 1 216 | 15 | — | — | 242 | 16 | 184 | — | 438 | 12 | — |
| 5 | — | 11 | — | — | — | — | — | — | — | 8 | — | 4 | — | — |
| — | — | 5 | — | 37 | — | 6 | — | 5 | — | 5 | — | 15 | — | — |
| 143 | 386 | 239 | 77 | 914 | 58 | 1 562 | 225 | 1 696 | 68 | 43 326 | 7 434 | 63 840 | 8 006 | — |
| 20 | — | 9 | — | 2 263 | 14 | 143 | — | 162 | 4 | 40 | — | 302 | — | — |
| 25 | 8 | 10 | — | — | — | 5 | — | — | — | — | — | 12 | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 313 | 10 | 200 | 4 | 5 131 | 34 | 660 | 4 | 808 | 5 | 726 | 8 | 1 199 | 23 | — |
| 5 | — | 5 | — | 10 | 4 | — | — | — | — | 38 | 7 | 83 | 6 | — |
| — | — | — | — | 24 | 5 | — | — | 14 | — | 4 416 | 63 | 1 591 | 92 | — |
| 16 | — | 64 | 12 | 87 | 4 | 131 | 30 | 38 | — | — | — | — | — | — |
| 14 | — | 6 | — | 233 | — | 17 | — | 14 | 3 | — | — | — | — | — |
| 22 | 38 | 10 | 5 | 5 | — | 9 | — | — | — | 9 | — | 9 | — | — |
| 15 081 | 22 401 | 3 424 | 1 840 | 17 460 | 388 | 7 054 | 699 | 10 154 | 480 | 8 637 | 1 179 | 22 940 | 4 095 | — |
| — | — | — | — | 41 | 6 | 13 | — | 23 | — | 159 | 9 | 300 | 56 | — |
| — | 16 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 550 | 45 | — | 8 | — | — | — | — | 4 | — | 7 | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 | — | 4 | — | — | — | — | — | 4 | — | — | — | — | — | — |
| — | — | — | — | 14 | — | — | 6 | — | — | — | — | — | — | — |
| — | — | — | — | 562 | 14 | 11 | 4 | 9 | — | — | — | — | — | — |
| 37 | 201 | 5 | 5 | 61 | 20 | 18 | 5 | 37 | 10 | 20 | — | 25 | — | 33 |
| — | 5 | 20 | 5 | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | 62 | — | 129 | 7 | 245 | 13 | 10 | — | 93 | — | — |
| — | — | — | — | 69 | — | 6 | — | — | — | 3 | — | 8 | — | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | 4 | — | — |
| 980 | 305 | 334 | 49 | 3 508 | 63 | 1 522 | 105 | 1 792 | 150 | 886 | 9 | 1 430 | 69 | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 7 514 | 800 | 2 689 | 169 | 11 661 | 205 | 6 820 | 209 | 7 105 | 111 | 3 843 | 45 | 7 182 | 326 | — |
| 63 | — | 4 | — | 79 | — | 34 | — | 19 | — | 52 | — | 84 | — | — |
| 16 | — | 69 | 5 | 35 | — | 3 | — | 16 | — | — | — | 12 | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 58 | 6 | 22 | — | 395 | 12 | 60 | — | 209 | — | 441 | — | 106 | — | — |
| — | — | — | — | 5 | — | 108 | — | — | — | 24 | — | 51 | — | — |
| 10 | — | 5 | — | — | — | 10 | — | 9 | — | 11 | — | 7 | — | — |
| 6 867 | 693 | 1 438 | 86 | 8 510 | 157 | 5 989 | 191 | 6 365 | 104 | 3 123 | 40 | 6 207 | 196 | — |
| 21 | — | 855 | 34 | 127 | — | — | — | 15 | — | 4 | — | 42 | 21 | — |
| 133 | 4 | 138 | — | 5 | — | 7 | — | — | — | — | — | 6 | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | 22 | 5 | 5 | — | 45 | — | 11 | — | 22 | — | 138 | 4 | — |
| — | — | — | — | 10 | 8 | 37 | 5 | 27 | — | 38 | — | 53 | — | — |
| — | — | — | — | 39 | — | 9 | — | — | — | — | — | — | — | — |
| 94 | 39 | 35 | 29 | 1 575 | 14 | 175 | 10 | 172 | — | 64 | 5 | 188 | 47 | — |
| 237 | 49 | 82 | 5 | 791 | 14 | 343 | 3 | 262 | 7 | 54 | — | 288 | 58 | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 16 | — | 66 | — | 5 791 | 68 | 617 | 6 | 288 | 5 | 34 | — | 104 | 14 | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 5 | 5 | — | — | 6 | — | — | — | — | — | — | — | 24 | 11 | — |
| — | — | — | — | 6 | — | — | — | — | — | — | — | 5 | — | — |
| 96 | 56 | 41 | 15 | 471 | 16 | 70 | 14 | 84 | 10 | 176 | — | 505 | 90 | — |
| 17 | — | — | — | 16 | 9 | 7 | — | 17 | — | 13 | — | 19 | — | — |
| 204 | 128 | 93 | 44 | 36 | 9 | 34 | 5 | 23 | — | 10 | — | 124 | 61 | — |
| 11 | — | 5 | 6 | 39 | 6 | 64 | 12 | 147 | 4 | 3 307 | 407 | 22 377 | 2 934 | — |
| — | 6 | — | — | 13 | — | — | — | — | — | 5 | — | 36 | 5 | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | | Manufacturing, nondurable goods - Con. | | | | | | | | | | | | |
|--|---------|---|--------|---|--------|-----------------------------------|--------|---------------------------------------|--------|---|--------|-----------------------------------|--------|--|
| | | Apparel and other fabricated textile products | | | | Paper and allied products | | | | Printing, publishing, and allied industries | | | | |
| | | Apparel and accessories | | Miscellaneous fabricated textile products | | Pulp, paper, and paperboard mills | | Miscellaneous paper and pulp products | | Paperboard containers and boxes | | Newspaper publishing and printing | | Printing, publishing, and allied industries, except newspapers |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Craftsmen and kindred workers - Continued | | | | | | | | | | | | | | |
| 118 | - | 42 | - | 3 943 | 42 | 7 | 325 | 4 | 250 | 4 | 128 | 4 | 280 | 15 |
| 67 | 82 | 228 | 32 | 462 | 5 | 4 | 27 | 12 | 12 | 5 | 20 287 | 485 | 15 | 6 558 |
| 15 | - | 48 | 4 | 1 258 | 98 | 414 | 2 283 | 6 054 | 15 | 8 | 15 | 16 | 8 | 4 |
| 29 | - | - | - | 27 | - | - | 5 | - | - | - | 53 | - | 198 | 27 |
| 9 | - | - | - | 376 | 4 | - | 71 | 15 | 11 | - | - | - | 60 | 9 |
| 31 | 13 | 5 | 19 | 3 | 4 | - | - | 28 | - | - | 15 | 5 | 162 | 52 |
| 9 | - | 41 | - | 19 | 5 | - | - | 28 | - | - | 15 | 5 | 162 | 52 |
| 228 | 23 | 41 | - | 2 932 | 24 | 55 | 251 | 399 | 6 | 257 | 257 | - | 480 | 9 |
| 15 | 15 | 4 | - | 60 | - | - | 5 | 5 | 5 | 24 | 24 | - | 39 | 21 |
| 22 874 | 8 923 | 330 | 201 | 18 | - | 4 | 5 | 5 | 5 | 232 | 232 | - | 28 | 3 |
| 75 | 49 | 6 | 4 | 48 | - | - | 29 | 9 | 9 | 38 | 38 | - | 32 | 3 |
| 12 | - | 7 | - | 9 | - | - | - | 5 | 5 | - | - | - | 14 | 33 |
| 58 | 6 | 155 | 5 | 230 | 10 | 11 | 220 | 1 118 | 15 | 9 | 9 | - | 452 | 33 |
| 30 | 17 | 306 | 96 | 4 | 4 | - | 91 | 72 | 5 | 10 | 10 | - | 4 | 51 |
| 713 | 280 | 337 | 91 | 262 | 9 | 5 | 239 | 432 | 28 | 381 | 381 | - | 867 | 52 |
| - | - | - | - | 752 | 3 | 44 | - | 28 | 28 | 10 | 10 | - | 963 | 52 |
| 78 144 | 747 464 | 16 668 | 58 710 | 110 850 | 16 488 | 30 805 | 34 582 | 55 398 | 32 161 | 11 267 | 11 267 | 4 971 | 55 187 | 58 100 |
| 5 | 36 | 7 | 11 | 93 | 5 | - | 568 | 22 | 22 | 239 | 239 | 188 | 1 044 | 4 |
| 473 | 1 747 | 474 | 1 320 | 612 | 764 | 1 577 | 1 360 | 1 360 | 2 365 | - | - | - | 5 | 3 160 |
| 11 | 5 | - | - | 23 | 6 | 14 | 28 | 27 | 57 | - | - | 6 | 5 | 26 |
| 6 | - | - | - | 39 | 9 | - | - | - | - | - | - | - | 5 | 5 |
| 3 174 | 38 623 | 698 | 3 265 | 4 060 | 2 243 | 3 440 | 1 010 | 1 300 | 3 351 | 162 | 162 | 177 | 1 583 | 7 473 |
| 18 256 | 34 353 | 187 | 668 | 28 | 5 | 6 | 6 | 27 | 4 | 5 | 5 | 3 | 40 | 28 |
| 3 451 | 9 848 | 2 180 | 2 144 | 7 572 | 643 | 547 | 3 994 | 5 039 | 1 068 | 216 | 216 | 77 | 6 841 | 964 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | 10 | - | 24 | 21 | 5 | 6 | 15 | - | - | - | 6 | 18 | 52 |
| 461 | 84 | 333 | 15 | 447 | 4 | 8 | 106 | 120 | 11 | 11 | 11 | - | 33 | 17 |
| 64 | 28 | 51 | 20 | 138 | 25 | 16 | 54 | 40 | 14 | 15 | 15 | - | 102 | 26 |
| 27 | 29 | 5 | 6 | 80 | 43 | 5 | 20 | 5 | 20 | 129 | 129 | 40 | 57 | 4 |
| 4 | 46 | 15 | 12 | 5 | 4 | 5 | 124 | 4 | 10 | 34 | 34 | 4 | 16 | 4 |
| 741 | 2 346 | 48 | 192 | 596 | 1 235 | 274 | 124 | 51 | 213 | 248 | 248 | 62 | 164 | 810 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 89 | 406 | 27 | 15 | 5 | 4 | 6 | 11 | 9 | 5 | 5 | 5 | - | 28 | 14 |
| 58 | 1 441 | 18 | 73 | 9 | - | 5 | - | - | - | 17 | 17 | 6 | 9 | 9 |
| 10 | - | 31 | 14 | 22 | 5 | 4 | 23 | 16 | - | 28 | 28 | 10 | 272 | 21 |
| 6 | 133 | - | 6 | - | - | - | - | - | - | 25 | 25 | 10 | - | 5 |
| 95 | 10 | 79 | 5 | 1 196 | 25 | 40 | 767 | 180 | 16 | 19 | 19 | 5 | 570 | 26 |
| 42 | 23 | 4 | 4 | 1 854 | 18 | 15 | 288 | 201 | 17 | 48 | 48 | 2 | 150 | 29 |
| 6 923 | 13 604 | 1 041 | 2 240 | 5 237 | 2 899 | 6 435 | 2 865 | 3 755 | 6 705 | 536 | 536 | 216 | 4 445 | 6 813 |
| 119 | 218 | 112 | 66 | 698 | 45 | 38 | 153 | 186 | 37 | 38 | 38 | 6 | 314 | 186 |
| 138 | 128 | 107 | 47 | 791 | 80 | 68 | 267 | 341 | 27 | 871 | 871 | 1 113 | 3 168 | 3 035 |
| 16 | 5 | 19 | 8 | 124 | 52 | 31 | 41 | 63 | 10 | 5 | 5 | 5 | 445 | 104 |
| 20 | 13 | 5 | 5 | 283 | 11 | 75 | 75 | 59 | 15 | 5 | 5 | 5 | 70 | 19 |
| 20 | 105 | 50 | 34 | 321 | 12 | 16 | 125 | 180 | 15 | 16 | 16 | 13 | 240 | 45 |
| 82 | - | 33 | - | 63 | 5 | 26 | 26 | 39 | 12 | 13 | 13 | - | 51 | - |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text]

| United States | | Manufacturing, nondurable goods—Con. | | | | | | | | | | | | | |
|---|--------|---|--------|---|--------|-----------------------------------|--------|---------------------------------------|--------|---|--------|-----------------------------------|--------|--|--|
| | | Apparel and other fabricated textile products | | | | Paper and allied products | | | | Printing, publishing, and allied industries | | | | | |
| | | Apparel and accessories | | Miscellaneous fabricated textile products | | Pulp, paper, and paperboard mills | | Miscellaneous paper and pulp products | | Paperboard containers and boxes | | Newspaper publishing and printing | | Printing, publishing, and allied industries, except newspapers | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | | |
| Operatives, except transport—Continued | | | | | | | | | | | | | | | |
| Punch and stamping press operatives | | | | | | | | | | | | | | | |
| 59 | 208 | 72 | 80 | 250 | 52 | 166 | 246 | 271 | 230 | 80 | 199 | 451 | 634 | | |
| 178 | 452 | 42 | 108 | 88 | 29 | 37 | 126 | 269 | 195 | — | 33 | 84 | 323 | | |
| 28 | 59 | — | 6 | 10 | — | 9 | — | 4 | — | — | — | 7 | — | | |
| 52 | 757 | 47 | 117 | 855 | 54 | 101 | 30 | 643 | 104 | 31 | 6 | 31 | 18 | | |
| 25 | 582 | 3 | 820 | 126 | 382 | 140 | 1 | 329 | 428 | 4 | 25 | 278 | 2 | | |
| 14 | 131 | — | 23 | 12 | 21 | 5 | — | 8 | — | 5 | 5 | 9 | 21 | | |
| — | 26 | — | 6 | 8 | 14 | — | 12 | 5 | — | 4 | 4 | 9 | 25 | | |
| 270 | 2 | 77 | 84 | 3 | 740 | — | — | 482 | 30 | 21 | — | 210 | 15 | | |
| 935 | 1 | 842 | 943 | 680 | 121 | 128 | 134 | 214 | 93 | 25 | 28 | 71 | 89 | | |
| 11 | 5 | 39 | 14 | 14 | — | — | 4 | 10 | — | — | — | 3 | 6 | | |
| 563 | 640 | 34 | 108 | 4 | — | — | — | 5 | — | — | — | 5 | — | | |
| 146 | 233 | 281 | 292 | 170 | 26 | 36 | 31 | 65 | 29 | 6 | — | 9 | 4 | | |
| 31 | 20 | 113 | 134 | — | 16 | — | — | 6 | 6 | — | — | — | 5 | | |
| 184 | 385 | 375 | 395 | 492 | 79 | 92 | 99 | 134 | 58 | 19 | 28 | 54 | 74 | | |
| 96 | 57 | 153 | 28 | 2 | 476 | 305 | 30 | 253 | 46 | 57 | 5 | 170 | 23 | | |
| 22 | 143 | 111 | 199 | 5 | 057 | 1 | 023 | 528 | 76 | 54 | 6 | 190 | 174 | | |
| 5 | 434 | 2 | 507 | 46 | 365 | 11 | 938 | 8 | 070 | 4 | 304 | 14 | 647 | | |
| 449 | 2 | 618 | 2 | 13 | 361 | 9 | 210 | 23 | 210 | 4 | 1 | 6 | 452 | | |
| 8 | 047 | 1 | 344 | 8 | 329 | 2 | 382 | 9 | 461 | 3 | 004 | 11 | 283 | | |
| 2 | 462 | 602 | 1 | 5 | 317 | 1 | 851 | 5 | 529 | 3 | 054 | 1 | 774 | | |
| — | — | — | 457 | 5 | 574 | 1 | 878 | 1 | 392 | 185 | 92 | 1 | 589 | | |
| — | — | — | — | 574 | 153 | 1 | 163 | 372 | 1 | 212 | 93 | 1 | 342 | | |
| 3 | 701 | 1 | 336 | 13 | 923 | 3 | 843 | 10 | 298 | 10 | 257 | 9 | 761 | | |
| — | — | — | 62 | 23 | 169 | 8 | — | 5 | — | 6 | — | 24 | — | | |
| — | — | — | — | — | 5 | — | — | — | — | — | — | — | — | | |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| 1 | 158 | 263 | 32 | 588 | 10 | 390 | 22 | 1 | 154 | 6 | 290 | 4 | 233 | | |
| 323 | 36 | 400 | 13 | 6 | 706 | 2 | 037 | 4 | 437 | 194 | 855 | 1 | 769 | | |
| — | — | — | — | 58 | — | 5 | — | 5 | — | — | — | 5 | 65 | | |
| 11 | 9 | — | — | 23 | — | — | — | — | — | 25 | — | — | — | | |
| — | — | — | — | 60 | — | 27 | — | — | — | — | — | 22 | 5 | | |
| 5 | 6 | — | — | 78 | — | 11 | 5 | — | — | 15 | — | 15 | — | | |
| 60 | — | 36 | — | 119 | — | 45 | — | 13 | — | 4 | — | 6 | 3 | | |
| 2 | 139 | 637 | 17 | 6 | 057 | 1 | 205 | 177 | — | 144 | — | 224 | 5 | | |
| — | — | — | — | 211 | 55 | 115 | 21 | 4 | 352 | 3 | 497 | 3 | 266 | | |
| — | — | — | — | — | — | — | 5 | 155 | — | 91 | 6 | 197 | 16 | | |
| 6 | 916 | 2 | 038 | 18 | 910 | 4 | 636 | 8 | 328 | 4 | 917 | 9 | 857 | | |
| 5 | — | 5 | 1 | 6 | 965 | 1 | 156 | 1 | 536 | 4 | 434 | 3 | 726 | | |
| 28 | 4 | — | — | — | 6 | — | — | 5 | — | 4 | — | — | — | | |
| 51 | 14 | 9 | — | 95 | — | 13 | — | 10 | — | 10 | — | 8 | — | | |
| 16 | 4 | — | — | 671 | 3 | 72 | — | 177 | 16 | 11 | 4 | 44 | — | | |
| 2 | 567 | 751 | 300 | 15 | — | 6 | — | 6 | — | 3 | 171 | 14 | 5 | | |
| — | — | — | — | 6 | 782 | 1 | 807 | 4 | 222 | 3 | 172 | 3 | 842 | | |
| 75 | 12 | 13 | — | 332 | 19 | 16 | — | 45 | 9 | 37 | — | 125 | — | | |
| 19 | — | — | — | 48 | — | 85 | — | 17 | — | — | — | — | — | | |
| 21 | 13 | 18 | 10 | 312 | — | 4 | — | 20 | 5 | 7 | — | 15 | — | | |
| 2 | 471 | 4 | 585 | 812 | 99 | 701 | 259 | 698 | 98 | 126 | 63 | 1 | 941 | | |
| 10 | 3 | 6 | — | 62 | — | 47 | — | 31 | 16 | 3 | 5 | 19 | 6 | | |
| 81 | 28 | 21 | — | 803 | 22 | 103 | 18 | 207 | 34 | 251 | 6 | 652 | 27 | | |
| 488 | 68 | 115 | — | 382 | 9 | 313 | — | 355 | — | 66 | 10 | 859 | 16 | | |
| 171 | 210 | 95 | 130 | 1 | 653 | 184 | — | 385 | 100 | 385 | 48 | 171 | 162 | | |
| 973 | 1 | 526 | 303 | 6 | 719 | 1 | 236 | 2 | 407 | 700 | 116 | 1 | 739 | | |
| — | — | — | — | 217 | 341 | 195 | — | 145 | 407 | 150 | 6 | 288 | 40 | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| Manufacturing, nondurable goods—Con. | | | | | | | | | | | | | |
|--|--------|---|---------------------------|-----------------------------------|--------|---------------------------------------|--------|---------------------------------|---|-----------------------------------|--------|--|--------|
| Apparel and other fabricated textile products | | | Paper and allied products | | | | | | Printing, publishing, and allied industries | | | | |
| Apparel and accessories | | Miscellaneous fabricated textile products | | Pulp, paper, and paperboard mills | | Miscellaneous paper and pulp products | | Paperboard containers and boxes | | Newspaper publishing and printing | | Printing, publishing, and allied industries, except newspapers | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| United States | | | | | | | | | | | | | |
| Farmers and farm managers | | | | | | | | | | | | | |
| Farm laborers and farm foremen | | | | | | | | | | | | | |
| Farm foremen | | | | | | | | | | | | | |
| Farm laborers, wage workers | | | | | | | | | | | | | |
| Farm laborers, unpaid family workers | | | | | | | | | | | | | |
| Farm service laborers, self-employed | | | | | | | | | | | | | |
| Farm laborers and farm foremen—allocated | | | | | | | | | | | | | |
| Service workers, except private household | | | | | | | | | | | | | |
| Cleaning service workers | | | | | | | | | | | | | |
| Chambermaids and maids, except private household | | | | | | | | | | | | | |
| Cleaners and charwomen | | | | | | | | | | | | | |
| Janitors and sextons | | | | | | | | | | | | | |
| Food service workers | | | | | | | | | | | | | |
| Bar tenders | | | | | | | | | | | | | |
| Busboys | | | | | | | | | | | | | |
| Cooks, except private household | | | | | | | | | | | | | |
| Dishwashers | | | | | | | | | | | | | |
| Food counter and fountain workers | | | | | | | | | | | | | |
| Waiters | | | | | | | | | | | | | |
| Food service workers, n.e.c., except private household | | | | | | | | | | | | | |
| Health service workers | | | | | | | | | | | | | |
| Dental assistants | | | | | | | | | | | | | |
| Health aides, except nursing | | | | | | | | | | | | | |
| Health trainees | | | | | | | | | | | | | |
| Lay midwives | | | | | | | | | | | | | |
| Nursing aides, orderlies, and attendants | | | | | | | | | | | | | |
| Practical nurses | | | | | | | | | | | | | |
| Personal service workers | | | | | | | | | | | | | |
| Airline stewardesses | | | | | | | | | | | | | |
| Attendants, recreation and amusement | | | | | | | | | | | | | |
| Attendants, personal service, n.e.c. | | | | | | | | | | | | | |
| Baggage porters and bellhops | | | | | | | | | | | | | |
| Barbers | | | | | | | | | | | | | |
| Boarding and lodging house keepers | | | | | | | | | | | | | |
| Boatblack | | | | | | | | | | | | | |
| Child care workers, except private household | | | | | | | | | | | | | |
| Elevator operators | | | | | | | | | | | | | |
| Hairdressers and cosmetologists | | | | | | | | | | | | | |
| Housekeepers, except private household | | | | | | | | | | | | | |
| School monitors | | | | | | | | | | | | | |
| Ushers, recreation and amusement | | | | | | | | | | | | | |
| Welfare service aides | | | | | | | | | | | | | |
| Protective service workers | | | | | | | | | | | | | |
| Crossing guards and bridge tenders | | | | | | | | | | | | | |
| Firemen, fire protection | | | | | | | | | | | | | |
| Guards and watchmen | | | | | | | | | | | | | |
| Marshals and constables | | | | | | | | | | | | | |
| Policemen and detectives | | | | | | | | | | | | | |
| Sheriffs and bailiffs | | | | | | | | | | | | | |
| Service workers, except private household—allocated | | | | | | | | | | | | | |
| Private household workers | | | | | | | | | | | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 -- Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| United States | | Manufacturing, nondurable goods -- Con. | | | | | | | | | | | | | | | | |
|--|----------------------|---|--|--------|------------------|--------|---------------------|--------|---------------------|--------|---|--------|------------------------|--------|-------------------------|--------|---|--------|
| | | Chemicals and allied products | | | | | | | | | | | | | | | | |
| Occupation | Industrial chemicals | | Plastics, synthetics and resins, except fibers | | Synthetic fibers | | Drugs and medicines | | Soaps and cosmetics | | Paints, varnishes, and related products | | Agricultural chemicals | | Miscellaneous chemicals | | Not specified chemicals and allied products | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Total employed, 16 years old and over | 200 902 | 27 378 | 65 547 | 14 113 | 54 323 | 17 279 | 87 138 | 52 724 | 62 248 | 41 197 | 50 419 | 13 152 | 38 088 | 6 110 | 64 157 | 16 730 | 142 693 | 33 530 |
| Professional, technical, and kindred workers | 44 458 | 4 014 | 12 059 | 820 | 8 408 | 1 977 | 23 276 | 8 143 | 9 748 | 2 136 | 8 223 | 877 | 4 654 | 442 | 9 933 | 1 148 | 38 036 | 4 225 |
| Accountants | 2 637 | 462 | 714 | 103 | 389 | 57 | 1 529 | 342 | 1 045 | 251 | 604 | 199 | 525 | 100 | 640 | 151 | 3 052 | 571 |
| Architects | 40 | 5 | 5 | 11 | 11 | 11 | 20 | 20 | 5 | 5 | 13 | 13 | 13 | 13 | 5 | 5 | 52 | 52 |
| Computer specialists | 1 045 | 216 | 245 | 34 | 192 | 47 | 891 | 201 | 328 | 88 | 152 | 32 | 102 | 22 | 146 | 34 | 1 160 | 271 |
| Computer programmers | 652 | 179 | 158 | 26 | 105 | 33 | 396 | 152 | 184 | 74 | 99 | 11 | 72 | 17 | 89 | 25 | 728 | 194 |
| Computer systems analysts | 332 | 26 | 59 | 8 | 66 | 10 | 457 | 38 | 133 | 14 | 37 | 16 | 30 | 5 | 40 | 9 | 395 | 67 |
| Computer specialists, n.e.c. | 61 | 11 | 28 | 8 | 21 | 4 | 38 | 11 | 11 | 11 | 16 | 5 | 17 | 5 | 17 | 17 | 37 | 10 |
| Engineers | 14 524 | 164 | 3 790 | 26 | 3 149 | 44 | 2 732 | 22 | 2 288 | 35 | 921 | 19 | 1 041 | 10 | 2 788 | 33 | 10 341 | 72 |
| Aeronautical and astronautical | 8 635 | 112 | 2 102 | 20 | 1 524 | 18 | 1 109 | — | 870 | 15 | 453 | 6 | 579 | 3 | 1 280 | 7 | 6 457 | 33 |
| Chemical | 511 | — | 109 | — | 102 | 5 | 90 | — | 85 | — | — | — | 52 | — | 58 | — | 371 | — |
| Civil | 1 221 | 21 | 285 | — | 255 | — | 95 | — | 62 | — | 31 | — | 40 | — | 121 | — | 430 | 6 |
| Electrical and electronic | 1 397 | 5 | 487 | — | 461 | 11 | 826 | 22 | 614 | 11 | 202 | — | 94 | 7 | 507 | 13 | 851 | 16 |
| Industrial | 1 571 | 18 | 426 | — | 569 | 5 | 299 | — | 348 | 5 | 48 | — | 166 | — | 293 | 4 | 1 042 | 12 |
| Mechanical | 126 | 3 | 19 | — | 10 | — | 5 | — | — | — | 4 | — | — | — | 9 | — | 42 | — |
| Metallurgical and materials | 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 4 | — |
| Mining | 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 6 | — |
| Petroleum | 325 | — | 150 | — | 4 | — | 5 | — | 57 | — | 86 | 13 | 23 | — | 234 | 4 | 414 | — |
| Sales | 710 | — | 306 | 6 | 218 | 5 | 303 | — | 246 | 4 | 91 | — | 87 | — | 262 | — | 719 | 5 |
| Engineers, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Farm management advisors | 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Foresters and conservationalists | 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Home management advisors | 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Lawyers and judges | 256 | — | 41 | — | 16 | — | 312 | — | 141 | 5 | 25 | — | 19 | — | 54 | — | 556 | 16 |
| Judges | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Lawyers | 256 | — | 41 | — | 16 | — | 312 | — | 141 | 5 | 25 | — | 19 | — | 54 | — | 556 | 16 |
| Librarians, archivists, and curators | 35 | 104 | — | 15 | — | 4 | 48 | 112 | 22 | 26 | 5 | 14 | 19 | 9 | 54 | — | 556 | 16 |
| Librarians | 35 | 104 | — | 15 | — | 4 | 44 | 108 | 22 | 26 | 5 | 14 | 19 | 9 | 54 | — | 556 | 16 |
| Archivists and curators | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mathematical specialists | 159 | 30 | 32 | — | 14 | 4 | 137 | 96 | 52 | 10 | 19 | 9 | 5 | 10 | 31 | 5 | 137 | 40 |
| Actuaries | 13 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mathematicians | 54 | 6 | 6 | — | 4 | — | 10 | 11 | 5 | — | 11 | — | — | — | 16 | — | 23 | — |
| Statisticians | 92 | 24 | 26 | — | 10 | 4 | 127 | 85 | 47 | 10 | 8 | 9 | 5 | 10 | 16 | — | 28 | — |
| Life and physical scientists | 8 198 | 650 | 1 745 | 114 | 751 | 75 | 6 550 | 2 012 | 1 962 | 323 | 2 653 | 91 | 1 168 | 85 | 1 879 | 121 | 7 506 | 678 |
| Agricultural | 43 | — | 8 | — | 17 | 3 | 20 | — | 6 | — | — | — | — | — | — | — | 32 | — |
| Atmospheric and space | 9 | — | — | — | — | — | 4 | — | — | — | — | — | — | — | — | — | 21 | — |
| Biological | 266 | 67 | 21 | — | — | 5 | 1 446 | 695 | 70 | 47 | 9 | — | 61 | — | 11 | 6 | 248 | 52 |
| Chemists | 7 306 | 550 | 1 659 | 114 | 703 | 67 | 5 049 | 1 293 | 1 881 | 276 | 2 633 | 97 | 983 | 85 | 1 844 | 115 | 7 091 | 606 |
| Geologists | — | — | — | — | — | — | 6 | — | — | — | — | — | — | — | — | — | — | — |
| Marine | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Physicists and astronomers | 535 | 33 | 36 | — | 5 | — | 20 | 5 | 5 | — | 6 | — | — | — | 19 | — | 81 | 10 |
| Life and physical, n.e.c. | 32 | — | 10 | — | 26 | — | 5 | 19 | — | — | — | — | — | — | — | — | 22 | — |
| Operations and systems researchers and analysts | 565 | 52 | 165 | 5 | 176 | 32 | 457 | 52 | 300 | 45 | 131 | — | 66 | — | 151 | 5 | 515 | 44 |
| Personnel and labor relations workers | 1 491 | 108 | 398 | 51 | 510 | 37 | 859 | 178 | 548 | 106 | 223 | — | 170 | — | 358 | 51 | 2 533 | 183 |
| Physicians, dentists, and related practitioners | 72 | 10 | 23 | — | 20 | — | 923 | 378 | 17 | 5 | — | — | 11 | — | 4 | — | 86 | 22 |
| Chiropractors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Dentists | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Optometrists | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Pharmacists | 5 | — | — | — | — | — | 5 | — | — | — | — | — | — | — | — | — | — | — |
| Physicians, medical and osteopathic | 5 | — | — | — | — | — | 5 | — | — | — | — | — | — | — | — | — | — | — |
| Podiatrists | 58 | 7 | 18 | — | 20 | — | 226 | 35 | 13 | 4 | — | — | 6 | — | 4 | — | 26 | 10 |
| Veterinarians | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Veterinarians, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health practitioners, n.e.c. | 4 | — | — | — | — | — | 127 | — | — | — | — | — | — | — | — | — | 51 | 5 |
| Health practitioners, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | | Manufacturing, nondurable goods - Con. | | | | | | | | | | | | | | | | | | |
|--|----------------------|--|--|--------|------------------|--------|---------------------|--------|---------------------|--------|---|--------|------------------------|--------|-------------------------|--------|---|--------|-------|-------|
| | | Chemicals and allied products | | | | | | | | | | | | | | | | | | |
| Occupation | Industrial chemicals | | Plastics, synthetics and resins, except fibers | | Synthetic fibers | | Drugs and medicines | | Soaps and cosmetics | | Paints, varnishes, and related products | | Agricultural chemicals | | Miscellaneous chemicals | | Not specified chemicals and allied products | | | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | | |
| Professional, technical, and kindred workers - Continued | | | | | | | | | | | | | | | | | | | | |
| Registered nurses, dietitians, and therapists | 19 | 290 | | 98 | | 86 | 48 | 271 | | | | | | | | | | | | |
| Dietitians | 6 | 288 | | 5 | | | 24 | 264 | | | | | | | | | | | | |
| Registered nurses | 8 | | | 93 | | 86 | 24 | | | | | | | | | | | | | |
| Therapists | 5 | 2 | | 4 | | 5 | 331 | 162 | 5 | 18 | 10 | | | | 16 | 21 | | | 53 | 46 |
| Health technologists and technicians | 154 | 14 | | 4 | | 6 | 123 | 136 | 5 | 12 | | | | | 5 | 21 | | | 5 | 29 |
| Health technologists and technicians | 33 | 10 | | 4 | | 6 | | | | 6 | | | | | | | | | | 12 |
| Dental hygienists | | | | | | | 15 | 11 | | | | | | | | | | | | |
| Health record technologists and technicians | | | | | | | | | | | | | | | | | | | | |
| Radiologic technologists and technicians | | | | | | | | | | | | | | | | | | | | |
| Therapy assistants | | | | | | | 193 | 15 | 5 | | 5 | | | | 11 | | | | 48 | 5 |
| Health technologists and technicians, n.e.c. | 121 | 4 | | | | | | | | | | | | | | | | | | |
| Religious workers | | | | | | | 6 | | | | | | | | | | | | | |
| Clergymen | | | | | | | | | | | | | | | | | | | | |
| Religious workers, n.e.c. | | | | | | | 6 | | | | | | | | | | | | | |
| Social scientists | 616 | 17 | | 113 | | 81 | 627 | 73 | 255 | 75 | 112 | 5 | 5 | 53 | 126 | 4 | | | 1 | 146 |
| Economists | 611 | 17 | | 113 | | 65 | 612 | 73 | 250 | 70 | 112 | 5 | 5 | 53 | 126 | 4 | | | 1 | 127 |
| Political scientists | 5 | | | | | | 9 | | 5 | | | | | | | | | | | |
| Psychologists | | | | | | | | | | | | | | | | | | | | |
| Sociologists | | | | | | | | | | | | | | | | | | | | |
| Urban and regional planners | | | | | | | | | | | | | | | | | | | | |
| Social scientists, n.e.c. | | | | | | | 6 | | | | | | | | | | | | | |
| Social and recreation workers | 10 | | | | | | | | | | | | | | | | | | | |
| Social workers | 5 | | | | | | | | | | | | | | | | | | | |
| Teachers, college and university | 5 | | | | | | | | | | | | | | | | | | | |
| Adult education teachers | 25 | 9 | | 15 | | 35 | 19 | 8 | 11 | 9 | 11 | 7 | | 5 | 10 | 10 | | | 33 | 15 |
| Elementary and secondary school teachers | | | | | | | | | | | | | | | | | | | | |
| Prekindergarten and kindergarten teachers | | | | | | | | | | | | | | | | | | | | |
| Teachers, except college and university, n.e.c. | 47 | | | 12 | | 19 | 33 | 5 | 14 | 5 | 11 | | | 23 | 4 | | | | 14 | |
| Engineering and science technicians | 12 261 | 1 564 | 4 093 | 283 | 2 534 | 1 458 | 5 151 | 3 437 | 1 804 | 711 | 2 979 | 383 | 1 156 | 149 | 3 054 | 541 | 9 257 | 1 539 | 87 | 22 |
| Agriculture and biological, except health | 50 | 18 | | | | | 3 | 019 | 27 | 24 | 7 | 7 | 30 | 30 | 8 | 8 | 87 | 22 | | |
| Chemical | 7 648 | 1 040 | 2 258 | 165 | 1 480 | 1 074 | 870 | 328 | 1 103 | 499 | 2 283 | 322 | 829 | 100 | 2 056 | 391 | 6 741 | 1 159 | 6 741 | 1 159 |
| Draftsmen | 1 490 | 17 | 325 | 25 | 247 | 15 | 280 | 45 | 147 | 5 | 75 | 5 | 83 | 5 | 384 | | 947 | 55 | 947 | 55 |
| Electrical and electronic engineering | 364 | 18 | 29 | 6 | 45 | 4 | 83 | 18 | 59 | 5 | 8 | 8 | 18 | 5 | 93 | 4 | 178 | 4 | 178 | 4 |
| Industrial engineering | 246 | 25 | 153 | 9 | 137 | 35 | 134 | 102 | 94 | 22 | 136 | 26 | 10 | 4 | 92 | 31 | 155 | 4 | 155 | 4 |
| Mechanical engineering | 69 | | 20 | | 14 | | 5 | | 26 | | 5 | | 4 | | | | 49 | | 49 | |
| Mathematical | | | | | | | | | | | | | | | | | | | | |
| Surveyors | 25 | | | | 6 | | | | 10 | 6 | | | 6 | | | | 10 | 8 | | |
| Engineering and science, n.e.c. | 2 369 | 446 | 1 308 | 78 | 605 | 325 | 760 | 494 | 338 | 150 | 465 | 35 | 176 | 23 | 501 | 119 | 1 090 | 287 | 1 090 | 287 |
| Technicians, except health, and engineering and science | 210 | 2 | 40 | 6 | 60 | 10 | 91 | 9 | 47 | 5 | 22 | 4 | 27 | | 58 | 8 | 117 | 12 | 117 | 12 |
| Airplane pilots | 75 | | 5 | | 5 | | 39 | | 42 | | 12 | | 10 | | 12 | | 47 | | 47 | |
| Air traffic controllers | | | | | | | | | | | | | | | | | | | | |
| Embalmers | | | | | | | | | | | | | | | | | | | | |
| Flight engineers | | | | | | | | | | | | | | | | | | | | |
| Radio operators | 14 | | 5 | | 10 | | 6 | | | | 5 | | | | | | | | 8 | 5 |
| Tool programmers, numerical control | 4 | | | | | | 4 | | | | 5 | | | | | | | | 8 | 7 |
| Technicians, n.e.c. | 117 | 2 | 30 | 6 | 45 | 10 | 41 | 5 | 5 | 5 | 5 | 4 | 17 | | 22 | | 65 | 5 | 65 | 5 |
| Vocational and educational counselors | | | | | | | | | | | | | | | | | | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | | Manufacturing, nondurable goods - Con. | | | | | | | | | | | | | | | | | |
|---|----------------------|--|--|--------|------------------|--------|---------------------|--------|---------------------|--------|---|--------|------------------------|--------|-------------------------|--------|---|--------|--|
| | | Chemicals and allied products | | | | | | | | | | | | | | | | | |
| Occupation | Industrial chemicals | | Plastics, synthetics and resins, except fibers | | Synthetic fibers | | Drugs and medicines | | Soaps and cosmetics | | Paints, varnishes, and related products | | Agricultural chemicals | | Miscellaneous chemicals | | Not specified chemicals and allied products | | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Writers, professional, technical, and kindred workers - Continued | | | | | | | | | | | | | | | | | | | |
| Actors | | | | | | | | | | | | | | | | | | | |
| Athletes and kindred workers | | | | | | | | | | | | | | | | | | | |
| Authors | | | | | | | | | | | | | | | | | | | |
| Dancers | | | | | | | | | | | | | | | | | | | |
| Designers | | | | | | | | | | | | | | | | | | | |
| Editors and reporters | | | | | | | | | | | | | | | | | | | |
| Musicians and composers | | | | | | | | | | | | | | | | | | | |
| Painters and sculptors | | | | | | | | | | | | | | | | | | | |
| Photographers | | | | | | | | | | | | | | | | | | | |
| Public relations men and publicity writers | | | | | | | | | | | | | | | | | | | |
| Radio and television announcers | | | | | | | | | | | | | | | | | | | |
| Writers, artists, and entertainers, n.e.c. | | | | | | | | | | | | | | | | | | | |
| Research workers, not specified | | | | | | | | | | | | | | | | | | | |
| Professional, technical, and kindred workers - allocated | | | | | | | | | | | | | | | | | | | |
| Managers and administrators, except farm | | | | | | | | | | | | | | | | | | | |
| Assessors, controllers, and treasurers; local public administration | | | | | | | | | | | | | | | | | | | |
| Bank officers and financial managers | | | | | | | | | | | | | | | | | | | |
| Buyers and shippers, farm products | | | | | | | | | | | | | | | | | | | |
| Buyers, wholesale and retail trade | | | | | | | | | | | | | | | | | | | |
| Credit men | | | | | | | | | | | | | | | | | | | |
| Funeral directors | | | | | | | | | | | | | | | | | | | |
| Health administrators | | | | | | | | | | | | | | | | | | | |
| Construction inspectors; public administration | | | | | | | | | | | | | | | | | | | |
| Inspectors, except construction; public administration | | | | | | | | | | | | | | | | | | | |
| Managers and superintendents, building | | | | | | | | | | | | | | | | | | | |
| Office managers, n.e.c. | | | | | | | | | | | | | | | | | | | |
| Officers, pilots, and purser; ship | | | | | | | | | | | | | | | | | | | |
| Officials and administrators; public administration, n.e.c. | | | | | | | | | | | | | | | | | | | |
| Officials of lodges, societies, and unions | | | | | | | | | | | | | | | | | | | |
| Postmasters and mail superintendents | | | | | | | | | | | | | | | | | | | |
| Purchasing agents and buyers, n.e.c. | | | | | | | | | | | | | | | | | | | |
| Railroad conductors | | | | | | | | | | | | | | | | | | | |
| Restaurant, cafeteria, and bar managers | | | | | | | | | | | | | | | | | | | |
| Sales managers and department heads, retail trade | | | | | | | | | | | | | | | | | | | |
| Sales managers, except retail trade | | | | | | | | | | | | | | | | | | | |
| School administrators, college | | | | | | | | | | | | | | | | | | | |
| School administrators, elementary and secondary | | | | | | | | | | | | | | | | | | | |
| Managers and administrators, n.e.c., excl. office managers, n.e.c.) | | | | | | | | | | | | | | | | | | | |
| Self-employed | | | | | | | | | | | | | | | | | | | |
| Self-employed | | | | | | | | | | | | | | | | | | | |
| Managers and administrators, except farm - allocated | | | | | | | | | | | | | | | | | | | |
| Sales workers | | | | | | | | | | | | | | | | | | | |
| Advertising agents and salesmen | | | | | | | | | | | | | | | | | | | |
| Auctioneers | | | | | | | | | | | | | | | | | | | |
| Demonstrators | | | | | | | | | | | | | | | | | | | |
| Hucksters and peddlers | | | | | | | | | | | | | | | | | | | |
| Insurance agents, brokers, and underwriters | | | | | | | | | | | | | | | | | | | |
| Newsboys | | | | | | | | | | | | | | | | | | | |
| Real estate agents and brokers | | | | | | | | | | | | | | | | | | | |
| Stock and bond salesmen | | | | | | | | | | | | | | | | | | | |
| Salesmen and sales clerks, n.e.c. | | | | | | | | | | | | | | | | | | | |
| Sales workers - allocated | | | | | | | | | | | | | | | | | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | | Manufacturing, nondurable goods—Con. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | Chemicals and allied products | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Occupation | Industrial chemicals | | Plastics, synthetics and resins, except fibers | | Synthetic fibers | | Drugs and medicines | | Soaps and cosmetics | | Paints, varnishes, and related products | | Agricultural chemicals | | Miscellaneous chemicals | | Not specified chemicals and allied products | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clerical and kindred workers | | | | | | | | | | | | | | | | | | | Bank tellers | 10 925 | 17 274 | 3 711 | 5 551 | 2 389 | 3 154 | 6 341 | 21 316 | 5 868 | 14 961 | 4 319 | 8 423 | 2 454 | 4 707 | 4 149 | 7 208 | 9 278 | 23 328 | Billing clerks | 40 | 218 | 11 | 57 | 12 | 10 | 9 | 255 | 17 | 283 | 4 | 256 | 41 | 173 | 28 | 157 | 44 | 288 | Bookkeepers | 964 | 1 493 | 302 | 676 | 149 | 238 | 487 | 1 783 | 473 | 1 740 | 354 | 1 645 | 448 | 819 | 361 | 752 | 946 | 2 012 | Cashiers | 16 | 87 | 10 | 14 | 33 | 46 | 25 | 109 | — | — | 9 | 23 | 9 | 7 | — | 12 | 35 | 52 | Clerical assistants, social welfare | 157 | 67 | 36 | 4 | 26 | 16 | 96 | 64 | 123 | 82 | 37 | 29 | 38 | 21 | 61 | 15 | 135 | 80 | Clerical supervisors, n.e.c. | 25 | 145 | 28 | 54 | 6 | 11 | 9 | 5 | 108 | 402 | 128 | 212 | 23 | 33 | 36 | 99 | 154 | 233 | Collectors, bill and account | 229 | — | 10 | — | 20 | 11 | 103 | 230 | 13 | — | 13 | 4 | 18 | — | 32 | — | 14 | — | Counter clerks, except food | 69 | — | — | — | 5 | — | 14 | — | 13 | — | — | — | — | — | — | — | — | — | Dispatchers and starters, vehicle | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Enumerators and interviewers | 283 | 5 | 89 | — | 21 | — | 15 | 5 | — | 15 | 7 | 15 | 86 | 20 | 97 | 18 | 9 | 17 | Estimators and investigators, n.e.c. | 233 | 72 | 134 | 97 | 98 | 98 | 163 | 139 | 98 | 123 | 121 | 121 | 211 | 20 | 311 | 34 | 416 | 105 | Expeditors and production controllers | 1 354 | 367 | 487 | 109 | 256 | 79 | 517 | 245 | 426 | 211 | 279 | 54 | 211 | 4 | 30 | 190 | 861 | 134 | File clerks | 170 | — | 51 | 109 | 30 | — | 105 | 691 | 92 | 543 | 46 | — | 4 | 69 | 30 | — | 134 | 606 | Insurance adjusters, examiners, and investigators | 4 | — | — | — | — | — | 4 | 87 | 13 | 6 | — | — | 5 | 3 | — | — | 16 | 81 | Library attendants and assistants | 6 | 72 | — | 10 | — | — | 11 | — | — | — | — | — | — | — | — | — | — | — | Mail carriers, post office | 295 | 129 | 52 | 28 | 27 | — | 245 | 248 | 174 | 261 | 57 | 72 | 42 | 57 | 64 | 30 | 355 | 168 | Mail handlers, except post office | 60 | 7 | 17 | — | 5 | — | 54 | 18 | 102 | 14 | 22 | — | 21 | — | 11 | — | 46 | 10 | Messengers, including telegraph, and office boys | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Meter readers, utilities | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Office machine operators | 591 | 1 103 | 232 | 237 | 173 | 306 | 542 | 1 175 | 407 | 947 | 149 | 769 | 105 | 222 | 163 | 298 | 725 | 1 241 | Bookkeeping and billing machine | 9 | 84 | 12 | 25 | 4 | — | 4 | 100 | 17 | 51 | 74 | 74 | — | 28 | 6 | 23 | 24 | 93 | Calculating machine | 15 | 28 | 137 | 39 | 77 | 29 | 18 | 52 | 11 | 102 | — | — | — | 11 | 9 | 28 | 14 | 33 | Computer and peripheral equipment | 389 | 115 | 137 | 39 | 42 | 23 | 296 | 107 | 201 | 80 | 100 | 63 | 80 | 13 | 77 | 48 | 433 | 139 | Duplicating machine | 38 | 21 | 4 | — | 76 | 248 | 55 | 47 | 42 | 23 | 21 | 47 | 17 | 143 | 18 | 161 | 72 | 45 | Keypunch | 90 | 809 | 62 | 152 | 76 | 6 | 121 | 780 | 114 | 658 | 23 | 472 | 3 | 17 | 45 | 161 | 133 | 889 | Tabulating machine | 20 | 9 | 11 | 16 | 10 | 6 | 23 | 28 | 5 | 15 | 5 | 15 | 3 | 17 | 8 | 27 | 15 | 6 | Office machine, n.e.c. | 30 | 37 | 11 | 16 | 10 | 6 | 25 | 28 | 17 | 15 | 5 | 22 | 3 | 17 | 8 | 18 | 22 | 36 | Payroll and timekeeping clerks | 30 | 408 | 45 | 138 | 43 | 95 | 78 | 285 | 82 | 280 | 20 | 177 | 30 | 94 | 141 | 167 | 194 | 356 | Postal clerks | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Proofreaders | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Real estate appraisers | 28 | 279 | — | 75 | — | — | 12 | 328 | — | — | 10 | 212 | — | 7 | 9 | 152 | 41 | 341 | Receptionists | 102 | 7 979 | 34 | 2 576 | 24 | 1 207 | 119 | 9 954 | 89 | 5 260 | 39 | 2 706 | 46 | 2 025 | 58 | 3 071 | 151 | 11 878 | Secretaries | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Legal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Medical | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Shipping and receiving clerks | 2 029 | 203 | 1 090 | 78 | 647 | 36 | 1 607 | 307 | 1 901 | 347 | 1 | 69 | 445 | 7 | 1 111 | 93 | 1 936 | 123 | Statistical clerks | 381 | 274 | 101 | 56 | 100 | 65 | 244 | 639 | 137 | 285 | 983 | 180 | 48 | 61 | 84 | 63 | 269 | 299 | Stenographers | 5 | 510 | 180 | 5 | 5 | 106 | 3 | 201 | 921 | 170 | 5 | 97 | 254 | 5 | 105 | 150 | 267 | 586 | Stock clerks and storekeepers | 1 378 | 182 | 483 | 56 | 266 | 43 | 789 | 295 | 921 | 293 | 456 | 192 | 254 | 105 | 512 | 140 | 945 | 136 | Teacher aides, except school monitors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Telephone operators | 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Telephone operators | 208 | 272 | 63 | 106 | 47 | 34 | 6 | 248 | 13 | 218 | — | 136 | 64 | 74 | 79 | 181 | 101 | 444 | Ticket station, and express agents | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Typists | 179 | 2 000 | 40 | 565 | 9 | 282 | 99 | 3 372 | 29 | 1 689 | 59 | 867 | 34 | 448 | 59 | 940 | 107 | 2 591 | Weights | 439 | 32 | 138 | 80 | 144 | 31 | 210 | 40 | 107 | 101 | 18 | 4 | 192 | 18 | 318 | 88 | 221 | 356 | Miscellaneous clerical workers | 742 | 869 | 673 | 312 | 287 | 177 | 585 | 468 | 205 | 362 | 184 | 90 | 160 | 213 | 187 | 40 | 721 | 586 | Not specified clerical workers | 188 | 105 | 80 | 43 | 21 | 67 | 114 | 221 | 106 | 141 | 56 | 32 | 25 | 27 | 114 | 109 | 153 | 90 | Clerical and kindred workers—allocated | 51 312 | 797 15 048 | 15 048 | 458 | 14 832 | 596 | 11 696 | 1 309 | 9 735 | 836 | 6 192 | 309 | 7 244 | 148 | 12 545 | 414 | 26 473 | 539 | Craftsmen and kindred workers | | | | | | | | | | | | | | | | | | | Automobile accessories installers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Bakers | 28 | 6 | 9 | — | — | — | 10 | 10 | — | — | — | — | — | — | — | — | 19 | — | Blacksmiths | 517 | 5 | 89 | — | 66 | — | 17 | 8 | 36 | — | 5 | — | 8 | — | 72 | — | 275 | — | Boilermakers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Bookbinders | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Brickmasons and stonemasons | 242 | 6 | 15 | — | 79 | — | 36 | — | 10 | — | 5 | — | 9 | — | 31 | — | 122 | — |
| Bank tellers | 10 925 | 17 274 | 3 711 | 5 551 | 2 389 | 3 154 | 6 341 | 21 316 | 5 868 | 14 961 | 4 319 | 8 423 | 2 454 | 4 707 | 4 149 | 7 208 | 9 278 | 23 328 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Billing clerks | 40 | 218 | 11 | 57 | 12 | 10 | 9 | 255 | 17 | 283 | 4 | 256 | 41 | 173 | 28 | 157 | 44 | 288 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bookkeepers | 964 | 1 493 | 302 | 676 | 149 | 238 | 487 | 1 783 | 473 | 1 740 | 354 | 1 645 | 448 | 819 | 361 | 752 | 946 | 2 012 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cashiers | 16 | 87 | 10 | 14 | 33 | 46 | 25 | 109 | — | — | 9 | 23 | 9 | 7 | — | 12 | 35 | 52 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clerical assistants, social welfare | 157 | 67 | 36 | 4 | 26 | 16 | 96 | 64 | 123 | 82 | 37 | 29 | 38 | 21 | 61 | 15 | 135 | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clerical supervisors, n.e.c. | 25 | 145 | 28 | 54 | 6 | 11 | 9 | 5 | 108 | 402 | 128 | 212 | 23 | 33 | 36 | 99 | 154 | 233 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Collectors, bill and account | 229 | — | 10 | — | 20 | 11 | 103 | 230 | 13 | — | 13 | 4 | 18 | — | 32 | — | 14 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Counter clerks, except food | 69 | — | — | — | 5 | — | 14 | — | 13 | — | — | — | — | — | — | — | — | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dispatchers and starters, vehicle | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Enumerators and interviewers | 283 | 5 | 89 | — | 21 | — | 15 | 5 | — | 15 | 7 | 15 | 86 | 20 | 97 | 18 | 9 | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Estimators and investigators, n.e.c. | 233 | 72 | 134 | 97 | 98 | 98 | 163 | 139 | 98 | 123 | 121 | 121 | 211 | 20 | 311 | 34 | 416 | 105 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Expeditors and production controllers | 1 354 | 367 | 487 | 109 | 256 | 79 | 517 | 245 | 426 | 211 | 279 | 54 | 211 | 4 | 30 | 190 | 861 | 134 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| File clerks | 170 | — | 51 | 109 | 30 | — | 105 | 691 | 92 | 543 | 46 | — | 4 | 69 | 30 | — | 134 | 606 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Insurance adjusters, examiners, and investigators | 4 | — | — | — | — | — | 4 | 87 | 13 | 6 | — | — | 5 | 3 | — | — | 16 | 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Library attendants and assistants | 6 | 72 | — | 10 | — | — | 11 | — | — | — | — | — | — | — | — | — | — | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mail carriers, post office | 295 | 129 | 52 | 28 | 27 | — | 245 | 248 | 174 | 261 | 57 | 72 | 42 | 57 | 64 | 30 | 355 | 168 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mail handlers, except post office | 60 | 7 | 17 | — | 5 | — | 54 | 18 | 102 | 14 | 22 | — | 21 | — | 11 | — | 46 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Messengers, including telegraph, and office boys | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Meter readers, utilities | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Office machine operators | 591 | 1 103 | 232 | 237 | 173 | 306 | 542 | 1 175 | 407 | 947 | 149 | 769 | 105 | 222 | 163 | 298 | 725 | 1 241 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bookkeeping and billing machine | 9 | 84 | 12 | 25 | 4 | — | 4 | 100 | 17 | 51 | 74 | 74 | — | 28 | 6 | 23 | 24 | 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calculating machine | 15 | 28 | 137 | 39 | 77 | 29 | 18 | 52 | 11 | 102 | — | — | — | 11 | 9 | 28 | 14 | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Computer and peripheral equipment | 389 | 115 | 137 | 39 | 42 | 23 | 296 | 107 | 201 | 80 | 100 | 63 | 80 | 13 | 77 | 48 | 433 | 139 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Duplicating machine | 38 | 21 | 4 | — | 76 | 248 | 55 | 47 | 42 | 23 | 21 | 47 | 17 | 143 | 18 | 161 | 72 | 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Keypunch | 90 | 809 | 62 | 152 | 76 | 6 | 121 | 780 | 114 | 658 | 23 | 472 | 3 | 17 | 45 | 161 | 133 | 889 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tabulating machine | 20 | 9 | 11 | 16 | 10 | 6 | 23 | 28 | 5 | 15 | 5 | 15 | 3 | 17 | 8 | 27 | 15 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Office machine, n.e.c. | 30 | 37 | 11 | 16 | 10 | 6 | 25 | 28 | 17 | 15 | 5 | 22 | 3 | 17 | 8 | 18 | 22 | 36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Payroll and timekeeping clerks | 30 | 408 | 45 | 138 | 43 | 95 | 78 | 285 | 82 | 280 | 20 | 177 | 30 | 94 | 141 | 167 | 194 | 356 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Postal clerks | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Proofreaders | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Real estate appraisers | 28 | 279 | — | 75 | — | — | 12 | 328 | — | — | 10 | 212 | — | 7 | 9 | 152 | 41 | 341 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Receptionists | 102 | 7 979 | 34 | 2 576 | 24 | 1 207 | 119 | 9 954 | 89 | 5 260 | 39 | 2 706 | 46 | 2 025 | 58 | 3 071 | 151 | 11 878 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Secretaries | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Medical | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Shipping and receiving clerks | 2 029 | 203 | 1 090 | 78 | 647 | 36 | 1 607 | 307 | 1 901 | 347 | 1 | 69 | 445 | 7 | 1 111 | 93 | 1 936 | 123 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Statistical clerks | 381 | 274 | 101 | 56 | 100 | 65 | 244 | 639 | 137 | 285 | 983 | 180 | 48 | 61 | 84 | 63 | 269 | 299 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stenographers | 5 | 510 | 180 | 5 | 5 | 106 | 3 | 201 | 921 | 170 | 5 | 97 | 254 | 5 | 105 | 150 | 267 | 586 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stock clerks and storekeepers | 1 378 | 182 | 483 | 56 | 266 | 43 | 789 | 295 | 921 | 293 | 456 | 192 | 254 | 105 | 512 | 140 | 945 | 136 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Teacher aides, except school monitors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Telephone operators | 8 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Telephone operators | 208 | 272 | 63 | 106 | 47 | 34 | 6 | 248 | 13 | 218 | — | 136 | 64 | 74 | 79 | 181 | 101 | 444 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ticket station, and express agents | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Typists | 179 | 2 000 | 40 | 565 | 9 | 282 | 99 | 3 372 | 29 | 1 689 | 59 | 867 | 34 | 448 | 59 | 940 | 107 | 2 591 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Weights | 439 | 32 | 138 | 80 | 144 | 31 | 210 | 40 | 107 | 101 | 18 | 4 | 192 | 18 | 318 | 88 | 221 | 356 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Miscellaneous clerical workers | 742 | 869 | 673 | 312 | 287 | 177 | 585 | 468 | 205 | 362 | 184 | 90 | 160 | 213 | 187 | 40 | 721 | 586 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Not specified clerical workers | 188 | 105 | 80 | 43 | 21 | 67 | 114 | 221 | 106 | 141 | 56 | 32 | 25 | 27 | 114 | 109 | 153 | 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clerical and kindred workers—allocated | 51 312 | 797 15 048 | 15 048 | 458 | 14 832 | 596 | 11 696 | 1 309 | 9 735 | 836 | 6 192 | 309 | 7 244 | 148 | 12 545 | 414 | 26 473 | 539 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Craftsmen and kindred workers | | | | | | | | | | | | | | | | | | | Automobile accessories installers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Bakers | 28 | 6 | 9 | — | — | — | 10 | 10 | — | — | — | — | — | — | — | — | 19 | — | Blacksmiths | 517 | 5 | 89 | — | 66 | — | 17 | 8 | 36 | — | 5 | — | 8 | — | 72 | — | 275 | — | Boilermakers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Bookbinders | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | Brickmasons and stonemasons | 242 | 6 | 15 | — | 79 | — | 36 | — | 10 | — | 5 | — | 9 | — | 31 | — | 122 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Automobile accessories installers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bakers | 28 | 6 | 9 | — | — | — | 10 | 10 | — | — | — | — | — | — | — | — | 19 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Blacksmiths | 517 | 5 | 89 | — | 66 | — | 17 | 8 | 36 | — | 5 | — | 8 | — | 72 | — | 275 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Boilermakers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bookbinders | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brickmasons and stonemasons | 242 | 6 | 15 | — | 79 | — | 36 | — | 10 | — | 5 | — | 9 | — | 31 | — | 122 | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | | Manufacturing, nondurable goods—Con. | | | | | | | | | | | |
|----------------------|--|--------------------------------------|---------------------|---------------------|---|------------------------|--------|-------------------------|--------|---|--------|------|--------|
| | | Chemicals and allied products | | | | | | | | | | | |
| Industrial chemicals | Plastics, synthetics and resins, except fibers | Synthetic fibers | Drugs and medicines | Soaps and cosmetics | Paints, varnishes, and related products | Agricultural chemicals | | Miscellaneous chemicals | | Not specified chemicals and allied products | | | |
| | | | | | | Male | Female | Male | Female | Male | Female | Male | Female |
| 250 | 19 | 40 | 16 | 225 | 6 | 318 | 91 | — | 107 | — | — | | |
| 92 | 4 | — | 5 | — | — | 6 | 8 | — | 5 | — | — | | |
| 1 418 | 286 | 240 | 274 | 187 | 35 | 155 | 365 | 5 | 715 | — | — | | |
| — | — | — | 5 | — | 5 | — | — | — | — | — | — | | |
| 110 | 13 | 8 | 4 | — | — | — | 6 | — | — | — | — | | |
| 93 | 71 | 26 | 186 | 117 | 19 | 70 | 66 | 14 | 137 | 11 | — | | |
| 926 | 115 | 52 | 11 | 23 | 56 | 206 | 240 | 9 | 378 | — | — | | |
| — | — | — | 4 | 5 | 5 | — | — | — | 4 | — | — | | |
| — | — | — | 5 | 11 | 4 | — | 5 | — | — | — | — | | |
| 3 656 | 897 | 979 | 702 | 552 | 8 | 321 | 638 | 11 | 1 946 | 28 | — | | |
| 16 | 5 | 11 | — | — | — | 30 | 5 | 5 | 10 | 6 | — | | |
| — | — | — | — | — | — | — | — | — | — | — | — | | |
| 329 | 11 | 4 | 8 | 15 | — | 337 | 64 | — | 93 | 6 | — | | |
| — | 27 | — | 6 | — | — | — | — | — | — | — | — | | |
| 14 | 28 | 6 | 4 | 6 | 6 | 4 | 17 | — | — | — | — | | |
| 16 170 | 5 873 | 5 695 | 4 784 | 3 702 | 647 | 2 763 | 4 914 | 58 | 9 676 | 330 | — | | |
| 10 | 6 | 5 | 4 | 5 | 6 | — | — | — | 5 | — | — | | |
| 3 | — | 6 | 5 | — | — | — | — | — | — | — | — | | |
| — | — | — | — | — | — | — | — | — | — | — | — | | |
| 6 | 3 | 4 | — | — | — | 6 | — | — | 5 | — | — | | |
| 13 | 4 | — | — | — | — | 5 | — | — | — | — | — | | |
| 4 | — | — | — | — | — | — | — | — | — | — | — | | |
| 326 | 95 | 52 | 14 | 24 | 8 | 40 | 98 | 14 | 62 | — | — | | |
| 4 | — | — | 8 | 12 | 5 | — | 19 | — | 14 | — | — | | |
| 34 | 40 | 6 | 14 | 18 | — | 8 | 31 | — | 41 | — | — | | |
| 47 | — | — | — | — | — | — | — | — | — | — | — | | |
| — | — | — | — | — | — | — | — | — | — | — | — | | |
| 3 150 | 936 | 710 | 624 | 699 | 43 | 261 | 630 | 36 | 1 168 | 20 | — | | |
| 11 762 | 3 709 | 3 970 | 2 872 | 2 667 | 42 | 1 729 | 2 895 | 57 | 5 537 | 38 | — | | |
| 208 | 82 | 214 | 220 | 20 | 8 | 30 | 87 | — | 168 | — | — | | |
| 43 | 23 | 10 | 13 | 4 | 9 | — | 5 | — | 22 | — | — | | |
| — | — | — | — | — | — | — | — | — | — | — | — | | |
| 411 | 39 | 37 | 54 | 74 | 33 | 125 | 190 | 12 | 299 | — | — | | |
| 10 | 5 | — | — | — | — | — | — | — | — | — | — | | |
| 34 | 6 | 11 | — | 6 | — | 4 | — | — | 9 | — | — | | |
| 6 785 | 2 700 | 2 717 | 2 137 | 2 169 | 32 | 1 216 | 2 013 | 28 | 3 307 | 22 | — | | |
| 113 | 5 | 4 | 16 | 12 | 9 | 17 | 16 | — | 67 | — | — | | |
| — | 9 | 85 | 5 | — | — | — | — | — | 10 | — | — | | |
| — | — | — | — | — | — | — | — | — | — | — | — | | |
| 28 | — | — | 12 | — | — | — | — | — | — | — | — | | |
| 100 | 30 | 54 | 11 | 8 | 5 | — | 4 | — | 18 | — | — | | |
| 85 | — | — | — | — | — | — | — | — | 24 | — | — | | |
| 3 020 | 520 | 489 | 239 | 147 | 10 | 190 | 286 | 17 | 57 | — | — | | |
| 917 | 20 | 290 | 165 | 227 | 10 | 125 | 255 | 4 | 1 035 | 5 | — | | |
| — | — | — | — | — | — | — | — | — | 17 | — | — | | |
| 1 599 | 336 | 5 | 107 | 121 | 7 | 129 | 263 | — | 505 | 11 | — | | |
| — | — | — | — | — | — | — | — | — | 5 | — | — | | |
| — | — | — | — | — | — | — | — | — | 842 | 14 | — | | |
| 5 | — | — | — | — | — | — | — | — | 5 | — | — | | |
| 15 | 10 | — | — | — | — | — | — | — | — | — | — | | |
| 573 | 3 108 | 80 | 124 | 55 | 482 | 55 | 110 | 11 | 256 | 18 | — | | |
| — | — | — | — | — | — | — | — | — | — | — | — | | |
| 20 | 45 | — | — | 9 | 5 | — | — | — | — | — | — | | |
| 5 | — | — | — | — | — | — | — | — | 15 | — | — | | |
| 4 | — | — | — | — | — | — | — | — | 27 | — | — | | |
| 5 | — | — | 4 | — | — | — | — | — | — | — | — | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| | | Manufacturing, nondurable goods—Con. | | | | | | | | | | | | | | | | | |
|---------------|---|--------------------------------------|--------|--|--------|------------------|--------|---------------------|--------|---------------------|--------|---|--------|------------------------|--------|-------------------------|--------|---|--------|
| | | Chemicals and allied products | | | | | | | | | | | | | | | | | |
| United States | | Industrial chemicals | | Plastics, synthetics and resins, except fibers | | Synthetic fibers | | Drugs and medicines | | Soaps and cosmetics | | Paints, varnishes, and related products | | Agricultural chemicals | | Miscellaneous chemicals | | Not specified chemicals and allied products | |
| | | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| | Operatives, except transport—Continued | | | | | | | | | | | | | | | | | | |
| | Punch and stamping press operatives | 238 | 33 | 62 | 78 | 18 | 4 | 14 | 20 | 31 | 41 | 21 | 30 | 30 | — | 44 | 40 | 75 | 11 |
| | Riveters and fasteners | 15 | — | 11 | 46 | 286 | 31 | 13 | 11 | 5 | 22 | 5 | 4 | — | — | 5 | 22 | 4 | — |
| | Sailors and deckhands | 123 | — | 67 | 3 | 17 | — | 15 | — | — | — | 10 | 5 | — | — | 73 | 10 | 42 | 12 |
| | Sawyers | 70 | 42 | 26 | 104 | 67 | 145 | 6 | 69 | 16 | 103 | 8 | 47 | 307 | 35 | 114 | 66 | 62 | 32 |
| | Sewers and stitchers | 12 | — | 5 | 3 | 6 | — | — | — | — | — | 2 | — | — | — | 4 | 26 | — | 4 |
| | Shoemaking machine operatives | 6 | — | — | 12 | — | — | — | — | — | 10 | — | — | — | — | — | — | 10 | 20 |
| | Solders | 2 259 | 31 | 401 | 4 | 260 | — | 334 | — | 222 | — | 159 | 5 | 183 | — | 661 | 8 | 1 165 | 17 |
| | Stationary firemen | 308 | 114 | 131 | 108 | 10 373 | 6 570 | — | 3 | 50 | 22 | 5 | 5 | — | — | 66 | — | 101 | 127 |
| | Textile operatives | — | 3 | 13 | 269 | 273 | 255 | — | — | — | — | — | — | — | — | — | — | — | 5 |
| | Carding, lapsing, and combing operatives | — | 4 | — | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | 4 |
| | Knitters, loopers, and tappers | 87 | 73 | 76 | 53 | 72 | 24 | — | — | 26 | 11 | 5 | — | — | — | 20 | — | 7 | 4 |
| | Spinners, twisters, and winders | 11 | 6 | 11 | 7 | 103 | 107 | — | — | 5 | — | — | — | — | — | — | — | 65 | 112 |
| | Weavers | 210 | 28 | 44 | 31 | 4 223 | 1 708 | — | — | 19 | 11 | — | — | — | — | — | — | — | — |
| | Textile operatives, n.e.c. | 3 076 | 56 | 523 | 37 | 395 | 11 | 193 | 10 | 284 | 17 | 100 | 13 | 524 | — | 575 | 44 | 1 326 | 31 |
| | Welders and flamecutters | 45 | 29 | 107 | 13 | 29 | 91 | 27 | 20 | 5 | 10 | 18 | 18 | 11 | — | 63 | 21 | 24 | 28 |
| | Winding operatives, n.e.c. | 15 108 | 635 | 8 177 | 2 107 | 2 970 | 1 073 | 4 152 | 2 453 | 3 050 | 1 819 | 3 678 | 645 | 2 553 | 94 | 5 653 | 1 179 | 6 400 | 531 |
| | Machine operatives, miscellaneous specified | 15 665 | 481 | 5 105 | 1 009 | 1 329 | 423 | 2 267 | 1 482 | 1 656 | 1 616 | 909 | 237 | 1 266 | 67 | 2 612 | 538 | 10 305 | 374 |
| | Machine operatives, not specified | 4 330 | 299 | 1 574 | 399 | 1 987 | 345 | 1 110 | 1 070 | 1 267 | 1 042 | 885 | 117 | 1 775 | 671 | 1 775 | 671 | 2 175 | 230 |
| | Miscellaneous operatives | 3 998 | 195 | 1 191 | 252 | 544 | 137 | 1 279 | 803 | 863 | 713 | 529 | 75 | 693 | 9 | 1 151 | 196 | 2 446 | 211 |
| | Not specified operatives | 560 | 15 | 128 | 25 | 129 | 51 | 141 | 126 | 104 | 49 | 83 | — | 80 | 12 | 181 | 28 | 199 | 52 |
| | Operatives, except transport—allocated | 6 285 | 67 | 1 589 | — | 1 359 | 46 | 1 241 | 56 | 2 559 | 32 | 2 273 | — | 3 499 | 30 | 3 249 | 79 | 4 099 | 54 |
| | Transport equipment operatives | | | | | | | | | | | | | | | | | | |
| | Boatmen and canalmen | 6 | — | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | Bus drivers | 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | Conductors and motormen, urban rail transit | 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | Deliverymen and routemen | 778 | — | 103 | — | 56 | — | 218 | 11 | 264 | 9 | 401 | — | 555 | 8 | 416 | — | 433 | — |
| | Fork lift and tow motor operatives | 1 418 | 14 | 782 | — | 729 | 37 | 466 | 32 | 1 321 | 11 | 803 | — | 621 | 3 | 956 | 21 | 1 000 | 15 |
| | Motormen, mine, factory, logging camp, etc. | 18 | — | — | — | — | — | — | — | — | — | — | — | — | — | 15 | 4 | — | — |
| | Parking attendants | 5 | — | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | Railroad brakemen | 31 | 4 | — | — | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | Railroad switchmen | 47 | — | — | — | — | — | — | — | 31 | — | — | — | 31 | — | — | — | 20 | — |
| | Taxicab drivers and chauffeurs | 70 | 5 | 10 | — | 27 | — | 59 | — | 69 | — | 34 | — | 90 | — | 22 | — | 38 | — |
| | Truck drivers | 3 738 | 39 | 642 | — | 507 | 9 | 475 | 9 | 830 | 12 | 1 008 | — | 2 226 | 19 | 1 649 | 14 | 101 | 4 |
| | Transport equipment operatives—allocated | 159 | 5 | 43 | — | 35 | — | 23 | — | 32 | — | 27 | — | 42 | — | 92 | — | 2 377 | 35 |
| | Lebaners, except farm | | | | | | | | | | | | | | | | | | |
| | Animal caretakers, except farm | 7 808 | 224 | 2 714 | 248 | 1 819 | 256 | 2 903 | 619 | 3 771 | 864 | 2 361 | 207 | 4 009 | 90 | 4 147 | 460 | 5 228 | 264 |
| | Carpenters, except farm | 36 | — | — | — | — | — | 363 | 10 | 8 | 8 | 9 | — | — | — | — | — | 31 | 5 |
| | Carpenters' helpers | 60 | 4 | 15 | — | 10 | — | 5 | — | 8 | — | — | — | 12 | — | 5 | — | 31 | — |
| | Construction laborers, except carpenters' helpers | 484 | — | 84 | — | 136 | — | 44 | — | 29 | — | 57 | — | 116 | — | 53 | — | 236 | 6 |
| | Fishermen and oystermen | 5 | — | — | — | — | — | 10 | — | — | — | — | — | — | — | — | — | — | — |
| | Fishermen and oystermen | 2 205 | 44 | 812 | 72 | 588 | 86 | 840 | 28 | 1 572 | 189 | 518 | 22 | 1 383 | 31 | 1 268 | 176 | 1 465 | 27 |
| | Freight and material handlers | 11 | — | 5 | — | — | — | 17 | — | — | — | — | — | — | — | — | — | — | — |
| | Garbage collectors | 185 | — | 78 | — | 50 | — | 84 | — | 35 | — | 18 | — | — | — | 96 | — | 122 | — |
| | Gardeers and groundskeepers, except farm | 48 | — | 7 | — | — | — | 5 | — | 3 | — | 6 | — | — | — | — | — | 3 | — |
| | Longshoremen and stevedores | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | Lumbermen, raftsmen, and woodchoppers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | Stock handlers | 360 | — | 249 | 27 | 86 | 16 | 387 | 273 | 541 | 286 | 560 | 106 | 555 | 5 | 501 | 51 | 336 | 26 |
| | Teamsters | 5 | — | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | Vehicle washers and equipment cleaners | 326 | 36 | 145 | 17 | 146 | 36 | 228 | 118 | 175 | 30 | 139 | 6 | 242 | 7 | 89 | 12 | 190 | 23 |
| | Warehousemen, n.e.c. | 498 | — | 189 | 5 | 107 | — | 338 | 11 | 469 | 5 | 297 | — | 6 | — | 259 | 24 | 482 | 3 |
| | Miscellaneous laborers | 355 | 28 | 62 | 10 | 70 | 28 | 68 | 38 | 35 | 44 | 44 | 73 | 73 | — | 267 | 43 | 109 | 33 |
| | Not specified laborers | 3 057 | 75 | 984 | 117 | 595 | 90 | 464 | 131 | 871 | 293 | 649 | 63 | 1 478 | 47 | 1 441 | 143 | 2 105 | 135 |
| | Laborers, except farm—allocated | 169 | 15 | 79 | — | 31 | — | 55 | — | 22 | — | 54 | — | 49 | — | 107 | — | 80 | 6 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | | Manufacturing, nondurable goods - Con. | | | | | | | | | | | | | | | |
|---|--------|--|--------|---|--------|--------------------------------|--------|---------------------------------------|--------|--------------------------|--------|-----------------------------------|---------|---|--------|--------|--------|
| | | Petroleum and coal products | | Rubber and miscellaneous plastic products | | Miscellaneous plastic products | | Tanned, curried, and finished leather | | Footwear, except leather | | Leather products, except footwear | | Manufacturing, nondurable goods - allocated | | | |
| | | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | | |
| Total employed, 16 years old and over | | 162 464 | 26 957 | 18 145 | 3 138 | 214 572 | 69 689 | 147 632 | 92 366 | 18 824 | 4 358 | 80 359 | 124 757 | 23 703 | 30 503 | 88 690 | 44 033 |
| Professional, technical, and kindred workers | | 39 814 | 2 717 | 1 739 | 159 | 21 440 | 2 152 | 13 134 | 1 540 | 550 | 100 | 2 228 | 866 | 1 227 | 256 | 6 803 | 1 070 |
| Accountants | 5 088 | 699 | 233 | 69 | 2 415 | 441 | 1 488 | 425 | 80 | 17 | 431 | 201 | 127 | 28 | 799 | 160 | |
| Architects | 60 | 376 | 33 | 114 | 842 | 114 | 213 | 46 | 5 | 5 | 185 | 54 | 78 | 6 | 164 | 62 | |
| Computer specialists | 1 177 | 277 | 15 | 99 | 598 | 99 | 146 | 27 | 41 | 42 | 146 | 41 | 35 | 6 | 140 | 42 | |
| Computer systems analysts | 825 | 99 | 14 | 15 | 201 | 15 | 53 | 14 | 5 | 5 | 35 | 13 | 33 | 6 | 16 | 20 | |
| Computer specialists, n.e.c. | 95 | - | 4 | - | 43 | - | 14 | 5 | - | - | 4 | - | 10 | - | 8 | - | |
| Engineers | 11 576 | 144 | 496 | 8 | 7 476 | 64 | 4 940 | 46 | 158 | 5 | 524 | 22 | 248 | - | 2 318 | 38 | |
| Aeronautical and astronautical | 4 | - | - | - | 9 | - | - | - | - | - | - | - | - | - | 4 | - | |
| Chemical | 5 744 | 94 | 82 | 25 | 1 167 | 5 | 646 | 5 | 7 | - | 14 | - | 29 | - | 116 | 4 | |
| Civil | 916 | 5 | 25 | 3 | 146 | 3 | 88 | 5 | 5 | - | 6 | - | 17 | - | 66 | 17 | |
| Electrical and electronic | 577 | 21 | 336 | 155 | 336 | 39 | 155 | 35 | 12 | - | 11 | - | 110 | - | 223 | 3 | |
| Industrial | 722 | 11 | 143 | 39 | 2 396 | 39 | 1 326 | 35 | 108 | - | 373 | 22 | 110 | - | 368 | 14 | |
| Mechanical | 1 358 | 10 | 73 | 5 | 1 085 | 5 | 826 | 2 | 15 | - | 37 | - | 47 | - | 287 | 5 | |
| Metallurgical and materials | 80 | - | 17 | - | 10 | - | 24 | - | - | - | - | - | - | - | 5 | - | |
| Mining | 12 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Petroleum | 1 120 | 5 | 4 | 4 | 410 | - | 492 | 4 | 16 | - | 11 | - | 34 | - | 435 | - | |
| Sales | 235 | 5 | 83 | - | 917 | 12 | 383 | - | - | - | 72 | - | 28 | - | 814 | 4 | |
| Engineers, n.e.c. | 808 | 14 | 48 | 4 | 1 917 | 12 | 1 383 | - | - | - | - | - | - | - | - | - | |
| Farm management advisors | - | - | - | - | 5 | - | - | - | - | - | - | - | - | - | - | - | - |
| Foresters and conservationists | 10 | - | - | - | 4 | - | - | - | - | - | - | - | - | - | - | - | |
| Home management advisors | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Lawyers and judges | 745 | 20 | 5 | - | 110 | - | 25 | - | 6 | - | 11 | 6 | 17 | - | 71 | - | |
| Judges | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Lawyers | 745 | 20 | 5 | - | 110 | - | 25 | - | 6 | - | 11 | 6 | 17 | - | 71 | - | |
| Librarians, archivists, and curators | 45 | 87 | 45 | 23 | - | 23 | - | 5 | - | - | - | - | - | - | - | - | |
| Librarians | 45 | 87 | 45 | 23 | - | 23 | - | 5 | - | - | - | - | - | - | - | - | |
| Archivists and curators | - | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Mathematical specialists | 202 | 40 | - | - | 41 | 13 | 10 | 6 | - | - | - | 4 | 10 | 6 | 39 | 9 | |
| Actuaries | 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 | - | |
| Mathematicians | 74 | 14 | - | - | - | - | - | - | - | - | - | - | - | - | 6 | - | |
| Statisticians | 119 | 26 | - | - | 41 | 13 | 10 | 6 | - | - | - | 4 | 10 | 6 | 22 | 9 | |
| Life and physical scientists | 3 996 | 142 | 300 | 24 | 1 947 | 79 | 630 | 34 | 95 | - | 31 | 31 | 23 | 5 | 237 | 12 | |
| Agricultural | 22 | - | - | - | 6 | - | - | - | - | - | - | - | - | - | - | - | |
| Atmospheric and space | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Biological | 18 | 5 | - | - | 12 | 6 | 5 | 7 | - | - | - | - | - | - | - | - | |
| Chemists | 3 045 | 115 | 286 | 24 | 1 885 | 73 | 593 | 27 | 90 | - | 31 | 31 | 23 | 5 | 232 | 12 | |
| Geologists | 786 | 18 | 9 | - | 3 | - | - | - | - | - | - | - | - | - | - | - | |
| Marine | - | - | - | - | 6 | - | 6 | - | - | - | - | - | - | - | - | - | |
| Physicists and astronomers | 102 | 4 | 5 | 5 | 27 | - | 26 | - | - | - | - | - | - | - | 5 | - | |
| Life and physical, n.e.c. | 17 | - | - | - | 10 | - | - | - | - | - | - | - | - | - | - | - | |
| Operations and systems researchers and analysts | 814 | 41 | 35 | 5 | 725 | 65 | 302 | 10 | 4 | - | 63 | 45 | 49 | - | 127 | - | |
| Personnel and labor relations workers | 1 629 | 178 | 44 | 5 | 1 111 | 114 | 904 | 182 | 33 | 4 | 270 | 108 | 124 | 51 | 254 | 58 | |
| Physicians, dentists, and related practitioners | 33 | - | - | - | 20 | 10 | 11 | 4 | - | - | - | - | - | - | - | - | |
| Chiropractors | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Dentists | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Optometrists | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Pharmacists | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Physicians, medical and osteopathic | - | - | - | - | 11 | 10 | - | - | - | - | - | - | - | - | - | - | |
| Podiatrists | 33 | - | - | - | 9 | - | 7 | - | - | - | - | - | - | - | - | - | |
| Veterinarians | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Health practitioners, n.e.c. | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| | Manufacturing, nondurable goods—Con. | | | | | | | | | | | | | | | |
|---|--------------------------------------|------|---|------|---|------|--------------------------------|------|---------------------------------------|------|--------------------------|------|---|------|--------|--------|
| | Petroleum and coal products | | | | Rubber and miscellaneous plastic products | | | | Leather and leather products | | | | Manufacturing, nondurable goods—allocated | | | |
| | Petroleum refining | | Miscellaneous petroleum and coal products | | Rubber products | | Miscellaneous plastic products | | Tanned, curried, and finished leather | | Footwear, except leather | | Leather products, except footwear | | Male | Female |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| United States | | | | | | | | | | | | | | | | |
| Professional, technical, and kindred workers—Continued | | | | | | | | | | | | | | | | |
| Registered nurses, dietitians, and therapists | 22 | 240 | 6 | 11 | — | — | 323 | — | — | — | — | — | — | — | — | 79 |
| Dieritians | 16 | 240 | 6 | 11 | — | — | 318 | — | — | — | — | — | — | — | — | 79 |
| Registered nurses | 6 | 13 | 4 | — | — | — | 5 | — | — | — | — | — | — | — | — | 8 |
| Therapists | 54 | 13 | 4 | — | — | — | 4 | — | — | — | — | — | — | — | — | 5 |
| Health technologists and technicians | 16 | 9 | — | — | — | — | 4 | — | — | — | — | — | — | — | — | — |
| Clinical laboratory technologists and technicians | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Dental hygienists | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health record technologists and technicians | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Radiologic technologists and technicians | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Therapy assistants | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health technologists and technicians, n.e.c. | 38 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Religious workers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Clergymen | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Religious workers, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Social scientists | 1 462 | 61 | 29 | — | — | — | 17 | — | — | — | — | — | — | — | — | 12 |
| Economists | 1 421 | 61 | 29 | — | — | — | 17 | — | — | — | — | — | — | — | — | 9 |
| Political scientists | 9 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Psychologists | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sociologists | 28 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Urban and regional planners | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Social scientists, n.e.c. | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Social and recreation workers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Social | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Recreation | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Teachers, college and university | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Adult education teachers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Elementary and secondary school teachers | 40 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Prekindergarten and kindergarten teachers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Teachers, except college and university, n.e.c. | 15 | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Engineering and science technicians | 9 703 | 460 | 401 | 37 | — | — | 653 | — | — | — | — | — | — | — | — | 148 |
| Agriculture and biological, except health | 23 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Chemical | 6 457 | 303 | 244 | 32 | — | — | 83 | — | — | — | — | — | — | — | — | — |
| Draftsmen | 1 273 | 68 | 52 | — | — | — | 26 | — | — | — | — | — | — | — | — | — |
| Electrical and electronic engineering | 232 | — | 17 | — | — | — | 41 | — | — | — | — | — | — | — | — | — |
| Industrial engineering | 100 | — | 43 | — | — | — | 36 | — | — | — | — | — | — | — | — | — |
| Mechanical engineering | 44 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mathematical | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Surveyors | 115 | 89 | 5 | — | — | — | 9 | — | — | — | — | — | — | — | — | — |
| Engineering and science, n.e.c. | 1 439 | — | 40 | 5 | — | — | 496 | — | — | — | — | — | — | — | — | — |
| Technicians, except health, and engineering and science | 254 | 11 | 5 | — | — | — | 16 | — | — | — | — | — | — | — | — | — |
| Airplane pilots | 100 | — | — | — | — | — | 56 | — | — | — | — | — | — | — | — | — |
| Air traffic controllers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Embalmers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Flight engineers | 36 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Radio operators | 5 | 6 | — | — | — | — | 16 | — | — | — | — | — | — | — | — | — |
| Tool programmers, numerical control Technicians, n.e.c. | 113 | 5 | 5 | — | — | — | 213 | — | — | — | — | — | — | — | — | — |
| Vocational and educational counselors | 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | | Manufacturing, nondurable goods—Con. | | | | | | | | | | | | | |
|--|--------|--------------------------------------|--------|---|--------|--------------------------------|---------------------------------------|--------------------------|-----------------------------------|---|--------|-------|--------|-------|-----|
| | | Petroleum and coal products | | Rubber and miscellaneous plastic products | | Leather and leather products | | | | Manufacturing, nondurable goods—allocated | | | | | |
| | | Male | Female | Male | Female | Miscellaneous plastic products | Tanned, curried, and finished leather | Footwear, except leather | Leather products, except footwear | Male | Female | Male | Female | | |
| Professional, technical, and kindred workers—Continued | | | | | | | | | | | | | | | |
| Writers, artists, and entertainers | 803 | 108 | 5 | 778 | 112 | 683 | 143 | 40 | 24 | 472 | 118 | 330 | 86 | 615 | 290 |
| Actors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Athletes and kindred workers | 19 | — | — | 14 | — | 9 | — | — | — | 5 | — | 6 | — | 5 | 6 |
| Authors | — | — | — | 15 | — | — | — | — | — | — | — | — | — | — | — |
| Dancers | — | — | — | 366 | 15 | 467 | 69 | 10 | 15 | 427 | 81 | 309 | 76 | 167 | 25 |
| Designers | 171 | 22 | 5 | 76 | 32 | 5 | 17 | 19 | — | 8 | 11 | — | — | 167 | 191 |
| Editors and reporters | 107 | 32 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Musicians and composers | — | — | — | 5 | — | — | — | — | — | — | — | — | — | — | — |
| Painters and sculptors | 77 | 15 | 11 | 58 | 26 | 123 | 52 | — | — | 13 | 13 | — | — | 82 | 43 |
| Photographers | 75 | 6 | 6 | 64 | 6 | 13 | — | 5 | — | 14 | 8 | — | — | 74 | 10 |
| Public relations men and publicity writers | 293 | 20 | — | 132 | 27 | 47 | 5 | — | 9 | 14 | — | 15 | — | 65 | 10 |
| Radio and television announcers | — | — | — | 5 | — | — | — | — | — | — | — | — | — | — | — |
| Writers, artists, and entertainers, n.e.c. | 61 | 14 | — | 43 | 6 | 19 | — | 6 | — | 5 | 5 | — | — | 55 | 5 |
| Research workers, not specified | 763 | 44 | — | 261 | 13 | 126 | 14 | 19 | — | 25 | — | 11 | 6 | 103 | 9 |
| Professional, technical, and kindred workers—allocated | 397 | 48 | — | 264 | 45 | 134 | 88 | 11 | 10 | — | — | 25 | 23 | 642 | 152 |
| Managers and administrators, except farm | 11 054 | 357 | 59 | 11 600 | 605 | 14 856 | 907 | 900 | 50 | 4 607 | 646 | 2 977 | 374 | 7 700 | 659 |
| Assessors, controllers, and treasurers; local public administration | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Bank officers and financial managers | 271 | 18 | — | 257 | 19 | 239 | 26 | 10 | — | 85 | — | 43 | 4 | 89 | 9 |
| Buyers and shippers, farm products | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Buyers, wholesale and retail trade | 324 | 32 | 11 | 289 | 13 | 92 | 17 | — | — | 53 | 37 | 34 | 14 | 35 | 10 |
| Credit men | — | — | — | 5 | — | — | — | — | — | — | — | — | — | — | — |
| Funeral directors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health administrators | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Construction inspectors; public administration | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Inspectors, except construction; public administration | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Managers and superintendents, building | 27 | — | — | 10 | — | — | — | 46 | 22 | 238 | 175 | 91 | 76 | 5 | 106 |
| Office managers, n.e.c. | 378 | 35 | 5 | 351 | 92 | 340 | 292 | — | — | — | — | — | — | 237 | — |
| Officers, pilots, and pursers; ship | 105 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Officials and administrators; public administration, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Officials of lodges, societies, and unions | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Postmasters and mail superintendents | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Purchasing agents and buyers, n.e.c. | 1 111 | 42 | 5 | 874 | 124 | 816 | 78 | 58 | 6 | 498 | 92 | 214 | 41 | 432 | 51 |
| Railroad conductors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Restaurant, cafeteria, and bar managers | 14 | 7 | — | 3 | 17 | 4 | 5 | — | — | 5 | 28 | — | — | — | — |
| Sales managers and department heads, retail trade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sales managers, except retail trade | 933 | 15 | — | 1 619 | 36 | 1 679 | 73 | 74 | — | 442 | 10 | 325 | 14 | 690 | 13 |
| School administrators, college | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| School administrators, elementary and secondary | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Managers and administrators, n.e.c., (excl. office managers, n.e.c.) | 7 566 | 196 | 38 | 7 953 | 284 | 11 519 | 396 | 702 | 13 | 3 286 | 304 | 2 243 | 219 | 5 725 | 432 |
| Managers and administrators, n.e.c., (excl. office managers, n.e.c.) | 7 394 | 181 | 38 | 7 696 | 267 | 10 755 | 349 | 648 | 10 | 3 134 | 277 | 1 870 | 156 | 5 028 | 368 |
| Salaries | 7 172 | 15 | 24 | 7 257 | 17 | 764 | 47 | 54 | 3 | 152 | 27 | 373 | 63 | 697 | 64 |
| Self-employed | 325 | 12 | 16 | 239 | 20 | 167 | 20 | 10 | 9 | — | — | 27 | 6 | 487 | 38 |
| Managers and administrators, except farm—allocated | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sales workers | 3 094 | 83 | 56 | 5 115 | 265 | 4 310 | 387 | 286 | 44 | 3 201 | 463 | 1 412 | 211 | 4 580 | 639 |
| Advertising agents and salesmen | 23 | 5 | 5 | 25 | 6 | 20 | 4 | — | — | 14 | 10 | — | — | 37 | 51 |
| Auctioneers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Demonstrators | 5 | 4 | — | 4 | — | 6 | 39 | 10 | — | 5 | 4 | — | — | 10 | — |
| Hucksters and peddlers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Insurance agents, brokers, and underwriters | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Newsboys | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Real estate agents and brokers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Stock and bond salesmen | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Salesmen and sales clerks, n.e.c. | 2 934 | 69 | 39 | 4 971 | 189 | 4 131 | 271 | 262 | 35 | 3 182 | 449 | 1 384 | 182 | 4 182 | 419 |
| Sales workers—allocated | 132 | 10 | 17 | 115 | 70 | 153 | 73 | 14 | 9 | — | — | 28 | 29 | 351 | 169 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| United States | | Manufacturing, nondurable goods—Con. | | | | | | | | | | | | | | |
|--|--------|--------------------------------------|--------|---|--------|---|--------|--------------------------------|--------|---------------------------------------|--------|--------------------------|--------|---|--------|------|
| | | Petroleum and coal products | | | | Rubber and miscellaneous plastic products | | | | Leather and leather products | | | | Manufacturing, nondurable goods—allocated | | |
| | | Petroleum refining | | Miscellaneous petroleum and coal products | | Rubber products | | Miscellaneous plastic products | | Tanned, curried, and finished leather | | Footwear, except leather | | Leather products, except footwear | | Male |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Craftsmen and kindred workers—Continued | | | | | | | | | | | | | | | | |
| 102 | — | 48 | — | 303 | — | 6 | — | — | — | — | — | — | — | 25 | — | |
| 6 | — | 56 | — | 10 | — | 94 | — | — | — | — | — | — | — | 8 | — | |
| 1 282 | 9 | — | 5 | 401 | 6 | 500 | 19 | 5 | 66 | 5 | — | — | — | 325 | — | |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | 10 | — | |
| — | — | — | — | 37 | — | — | — | — | — | — | — | — | — | 4 | — | |
| 47 | — | 12 | — | 98 | — | 394 | — | — | — | — | — | — | — | 4 | — | |
| 86 | 10 | 12 | — | 228 | 9 | 89 | 248 | — | 26 | — | — | — | — | 533 | — | |
| 788 | 12 | 96 | — | — | — | 6 | 16 | — | — | — | — | — | — | 158 | — | |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | 4 | — | |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 2 093 | 11 | 141 | — | 2 170 | 8 | 1 193 | 8 | — | 59 | — | — | — | — | 437 | — | |
| 10 | — | — | — | — | — | — | — | — | — | — | — | — | — | 5 | — | |
| 5 | — | — | — | 27 | 5 | — | — | — | — | — | — | — | — | 14 | — | |
| 169 | — | 131 | 4 | 23 | 7 | 101 | 69 | — | — | — | — | — | — | 32 | — | |
| 4 | — | — | — | 17 | — | 20 | — | — | — | — | — | — | — | 23 | — | |
| 11 626 | 276 | 1 372 | 35 | 15 101 | 745 | 15 181 | 1 411 | 54 | 1 504 | — | — | — | — | 13 | — | |
| — | — | — | — | 14 | 9 | 15 | — | — | — | — | — | — | — | 3 737 | — | |
| — | — | 5 | — | 6 | — | 5 | 16 | 4 | 4 | — | — | — | — | 16 | — | |
| — | — | — | — | 5 | — | 4 | — | — | — | — | — | — | — | 9 | — | |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| — | — | — | — | 5 | — | — | — | — | — | — | — | — | — | — | — | |
| — | — | — | — | 17 | — | 5 | — | — | 6 | — | — | — | — | 4 | — | |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | 14 | — | |
| 5 | — | — | — | 83 | 21 | 18 | 9 | — | 16 | — | — | — | — | 5 | — | |
| 325 | 4 | — | — | 6 | — | 13 | 5 | — | — | — | — | — | — | 32 | — | |
| — | — | — | — | 123 | 4 | 422 | — | — | 8 | — | — | — | — | 9 | — | |
| 24 | — | 5 | — | 4 | — | — | — | — | 5 | — | — | — | — | — | — | |
| 31 | — | 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| — | — | — | — | 3 223 | 132 | 4 707 | 469 | 5 | 157 | 5 | — | — | — | — | — | |
| 2 344 | 24 | 200 | 6 | 8 441 | 247 | 8 687 | 308 | 4 | 502 | 4 | 1 814 | 203 | 65 | 1 734 | 146 | |
| 7 576 | 50 | 780 | — | 85 | — | 31 | — | — | — | — | — | — | — | 2 288 | 76 | |
| 317 | 5 | 16 | — | 38 | — | 14 | — | — | — | — | — | — | — | 40 | — | |
| 22 | — | — | — | 5 | — | — | — | — | — | — | — | — | — | 26 | — | |
| 4 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 702 | 5 | 82 | — | 455 | 13 | 94 | 12 | — | 4 | — | 19 | — | — | 67 | — | |
| 12 | — | — | — | 4 | — | 7 | — | — | — | — | — | — | — | 5 | — | |
| 10 | — | — | — | 16 | — | 38 | — | — | — | — | — | — | — | 9 | — | |
| 3 597 | 20 | 563 | — | 6 373 | 142 | 7 615 | 162 | — | 448 | — | 1 698 | 172 | 32 | 1 549 | 60 | |
| 165 | — | 19 | — | 5 | — | 9 | 17 | — | — | — | 6 | — | — | 18 | — | |
| — | — | — | — | 11 | — | — | — | — | — | — | — | — | — | 50 | — | |
| 26 | — | — | — | 16 | — | — | — | — | — | — | — | — | — | — | — | |
| 53 | — | 8 | — | 29 | — | 91 | — | — | — | — | 5 | — | — | 77 | — | |
| 2 074 | 5 | 21 | — | 641 | 48 | 283 | 52 | — | 16 | — | 32 | 14 | 28 | 193 | 5 | |
| 515 | 10 | 66 | — | 763 | 44 | 498 | 65 | 4 | 34 | — | 54 | 6 | 42 | 259 | 5 | |
| 5 | — | — | — | 40 | — | — | — | — | — | — | — | — | — | — | — | |
| 149 | 4 | 130 | — | 638 | — | 282 | — | — | 27 | — | 42 | — | — | 255 | — | |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| 393 | — | 23 | — | 263 | 110 | 187 | 280 | — | 15 | — | 17 | 28 | 14 | 172 | 32 | |
| 4 | — | — | — | 5 | — | — | — | — | — | — | 4 | — | — | — | — | |
| 5 | — | 6 | — | 195 | 5 | 281 | 6 | — | — | — | 374 | 39 | — | 24 | 6 | |
| — | — | — | — | 6 | — | 4 | — | — | 5 | — | — | — | — | 164 | 31 | |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| — | — | — | — | 4 | — | 23 | — | — | — | — | — | — | — | 9 | — | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | | Manufacturing, nondurable goods—Con. | | | | | | | | | | | | | |
|--|--------|--------------------------------------|--------|---|--------|---|--------|--------------------------------|--------|---------------------------------------|--------|--------------------------|--------|---|--------|
| | | Petroleum and coal products | | | | Rubber and miscellaneous plastic products | | | | Leather and leather products | | | | Manufacturing, nondurable goods—allocated | |
| | | Petroleum refining | | Miscellaneous petroleum and coal products | | Rubber products | | Miscellaneous plastic products | | Tanned, curried, and finished leather | | Footwear, except leather | | | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Craftsmen and kindred workers—Continued | | | | | | | | | | | | | | | |
| 5 466 | 27 | 91 | — | 1 712 | 64 | 389 | 6 | 11 | — | 22 | — | 13 | — | 159 | — |
| 164 | — | — | — | 89 | — | 21 | — | — | — | — | — | — | — | 17 | 7 |
| 119 | 24 | — | — | 182 | 33 | 355 | 157 | 10 | — | 34 | 24 | 28 | 10 | 718 | 31 |
| 5 | — | — | — | — | 6 | — | — | — | — | — | — | — | — | 6 | — |
| 5 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 136 | — | 13 | — | — | — | 71 | — | — | — | 5 | — | 10 | — | 129 | — |
| — | — | 18 | — | 292 | — | — | — | — | — | — | — | — | — | 4 | — |
| — | 6 | 6 | — | 179 | 417 | 6 | 25 | 10 | — | 3 103 | 4 101 | 9 | 9 | 52 | 36 |
| 9 | — | — | — | 9 | 9 | 9 | 15 | — | — | 11 | 9 | — | — | 4 | — |
| 4 895 | 46 | 118 | 5 | 597 | 14 | 379 | 34 | 59 | — | 117 | 47 | 25 | 14 | 204 | 4 |
| 4 | — | — | — | — | — | — | — | — | — | — | — | 4 | — | — | — |
| 105 | — | — | — | 29 | — | 12 | 6 | — | — | — | — | — | — | 30 | — |
| 34 | — | — | — | 11 | 5 | 9 | 20 | 6 | 5 | 26 | 20 | 36 | 25 | 20 | 29 |
| 4 | — | — | — | — | — | — | — | — | — | — | 13 | — | — | 11 | 3 |
| 4 | — | 6 | — | 17 | — | 24 | 5 | — | — | — | 3 | — | — | — | — |
| 4 | 5 | 27 | — | 864 | 20 | 2 532 | 67 | 36 | — | 5 | 5 | 6 | — | — | 9 |
| 92 | — | — | — | 29 | 22 | 6 | 14 | 21 | 4 | 112 | 6 | 101 | 3 | 369 | 9 |
| 6 | — | — | — | 173 | 55 | 8 | 3 | 304 | 108 | 5 524 | 3 166 | 1 510 | 458 | 291 | 16 |
| 689 | — | 6 | — | 579 | 14 | 488 | 24 | 39 | — | — | — | 50 | 9 | 967 | 27 |
| 617 | 13 | 34 | — | — | — | — | — | — | — | — | — | — | — | — | 41 |
| 37 317 | 927 | 4 948 | 369 | 100 093 | 41 097 | 55 324 | 66 424 | 10 364 | 2 507 | 39 969 | 97 034 | 9 536 | 23 432 | 42 274 | 27 333 |
| 815 | — | 13 | — | 19 | — | 42 | 8 | — | — | — | — | — | — | 26 | — |
| 201 | 60 | 92 | 43 | 2 244 | 3 022 | 2 267 | 7 163 | 37 | 98 | 1 307 | 2 140 | 681 | 2 159 | 2 246 | 3 012 |
| 18 | — | 6 | — | 16 | — | 45 | 5 | — | — | 8 | 6 | — | — | 7 | — |
| 152 | 20 | 42 | 5 | 18 | 52 | 70 | 81 | — | — | 20 | 10 | — | 15 | 9 | 28 |
| 23 | — | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2 718 | 131 | 199 | 22 | 9 253 | 7 860 | 3 240 | 7 342 | 148 | 64 | 1 313 | 4 179 | 248 | 1 459 | 20 319 | 9 921 |
| 5 | — | — | — | 15 | 6 | 4 | 20 | 15 | 4 | 54 | 188 | 32 | 34 | 60 | 43 |
| 122 | 12 | 108 | 10 | 3 979 | 2 687 | 2 133 | 1 235 | 474 | 245 | 1 394 | 1 694 | 1 024 | 597 | 469 | 236 |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 23 | — | 10 | — | 45 | 51 | 20 | 83 | — | — | — | 6 | — | — | 34 | 5 |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 22 | — | 9 | — | 54 | 14 | 82 | 31 | — | — | — | — | 6 | 10 | — | — |
| 20 | 5 | 10 | 10 | 472 | 298 | 538 | 378 | 350 | 45 | 52 | 145 | 46 | 5 | 101 | 4 |
| 42 | — | — | — | 11 | 4 | 22 | 11 | 91 | 22 | 317 | 346 | 103 | 43 | 243 | 40 |
| 81 | — | 10 | — | 489 | 10 | 10 | — | — | — | 5 | 6 | — | — | 28 | — |
| 29 | 4 | 14 | — | 695 | 196 | 88 | 202 | 412 | 114 | 249 | 307 | 90 | 55 | 5 | 202 |
| — | — | — | — | 5 | — | — | — | — | — | — | — | — | — | 794 | — |
| — | — | 4 | — | 16 | — | — | — | — | — | 4 | — | — | — | — | — |
| — | — | — | — | — | — | 12 | — | 5 | — | — | 5 | — | — | 4 | 12 |
| 5 | — | 5 | — | — | 19 | — | — | 6 | — | 19 | 86 | — | — | 7 | 14 |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | 30 | 21 | 114 | 18 | 58 | 8 | 13 | — | 32 | 5 | 52 | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 969 | 16 | 555 | 7 | 4 199 | 126 | — | — | 178 | — | 88 | 13 | 40 | 4 | 179 | 15 |
| 315 | 10 | 73 | — | 583 | 3 | 75 | 19 | 23 | — | 14 | 4 | 20 | 4 | 55 | 5 |
| 355 | 125 | 296 | 66 | 2 071 | 2 951 | 1 992 | 8 560 | 82 | 31 | 919 | 3 777 | 468 | 1 430 | 815 | 134 |
| 468 | — | 40 | 19 | 734 | 328 | 617 | 831 | 24 | 24 | 84 | 259 | 82 | 131 | 442 | 104 |
| 93 | 13 | — | — | 44 | 34 | 32 | 16 | 15 | 5 | 120 | 72 | 63 | 24 | 32 | 30 |
| 267 | 13 | 23 | 5 | 1 799 | 251 | 1 442 | 579 | 21 | 16 | 19 | 22 | 19 | 11 | 1 090 | 265 |
| 71 | — | — | — | 263 | 84 | 273 | 327 | 22 | 4 | 33 | 22 | 5 | 5 | 262 | 134 |
| 15 | 5 | 7 | — | 300 | 22 | 212 | 27 | 5 | — | 21 | 4 | 19 | 11 | 146 | 18 |
| 151 | — | 16 | — | 1 045 | 129 | 777 | 129 | 777 | 129 | 777 | 129 | 33 | 5 | 518 | 73 |
| 30 | 8 | — | — | 191 | 16 | 180 | 96 | 16 | 6 | 47 | 4 | 6 | 8 | 164 | 40 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | | Manufacturing, nondurable goods - Con. | | | | | | | | | | | | | | | |
|--|--------|---|--------|---|--------|--------------------------------|--------|---------------------------------------|--------|---|--------|-----------------------------------|--------|------|--------|--------|--------|
| | | Petroleum and coal products | | Rubber and miscellaneous plastic products | | Leather and leather products | | | | Manufacturing, nondurable goods - allocated | | | | | | | |
| Petroleum refining | | Miscellaneous petroleum and coal products | | Rubber products | | Miscellaneous plastic products | | Tanned, curried, and finished leather | | Footwear, except leather | | Leather products, except footwear | | Male | | Female | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Formers and farm managers | | | | | | | | | | | | | | | | | |
| Farm laborers and farm foremen | | | | | | | | | | | | | | | | | |
| Farm foremen | | | | | | | | | | | | | | | | | |
| Farm laborers, wage workers | | | | | | | | | | | | | | | | | |
| Farm laborers, unpaid family workers | | | | | | | | | | | | | | | | | |
| Farm service laborers, self-employed | | | | | | | | | | | | | | | | | |
| Farm laborers and farm foremen - allocated | | | | | | | | | | | | | | | | | |
| Service workers, except private household | | | | | | | | | | | | | | | | | |
| Cleaning service workers | | | | | | | | | | | | | | | | | |
| Chambermaids and maids, except private household | | | | | | | | | | | | | | | | | |
| Cleaners and charwomen | | | | | | | | | | | | | | | | | |
| Janitors and sextons | | | | | | | | | | | | | | | | | |
| Food service workers | | | | | | | | | | | | | | | | | |
| Bartenders | | | | | | | | | | | | | | | | | |
| Busboys | | | | | | | | | | | | | | | | | |
| Cooks, except private household | | | | | | | | | | | | | | | | | |
| Dishwashers | | | | | | | | | | | | | | | | | |
| Food counter and fountain workers | | | | | | | | | | | | | | | | | |
| Waiters | | | | | | | | | | | | | | | | | |
| Food service workers, n.e.c., except private household | | | | | | | | | | | | | | | | | |
| Health service workers | | | | | | | | | | | | | | | | | |
| Dental assistants | | | | | | | | | | | | | | | | | |
| Health aides, except nursing | | | | | | | | | | | | | | | | | |
| Health trainees | | | | | | | | | | | | | | | | | |
| Lay midwives | | | | | | | | | | | | | | | | | |
| Nursing aides, orderlies, and attendants | | | | | | | | | | | | | | | | | |
| Practical nurses | | | | | | | | | | | | | | | | | |
| Personal service workers | | | | | | | | | | | | | | | | | |
| Airline stewardesses | | | | | | | | | | | | | | | | | |
| Attendants, recreation and amusement | | | | | | | | | | | | | | | | | |
| Attendants, personal service, n.e.c. | | | | | | | | | | | | | | | | | |
| Baggage porters and bellhops | | | | | | | | | | | | | | | | | |
| Barbers | | | | | | | | | | | | | | | | | |
| Boarding and lodging house keepers | | | | | | | | | | | | | | | | | |
| Bootblacks | | | | | | | | | | | | | | | | | |
| Child care workers, except private household | | | | | | | | | | | | | | | | | |
| Elevator operators | | | | | | | | | | | | | | | | | |
| Hairdressers and cosmetologists | | | | | | | | | | | | | | | | | |
| Housekeepers, except private household | | | | | | | | | | | | | | | | | |
| School monitors | | | | | | | | | | | | | | | | | |
| Ushers, recreation and amusement | | | | | | | | | | | | | | | | | |
| Welfare service aides | | | | | | | | | | | | | | | | | |
| Protective service workers | | | | | | | | | | | | | | | | | |
| Crossing guards and bridge tenders | | | | | | | | | | | | | | | | | |
| Firemen, fire protection | | | | | | | | | | | | | | | | | |
| Guards and watchmen | | | | | | | | | | | | | | | | | |
| Marshals and constables | | | | | | | | | | | | | | | | | |
| Policemen and detectives | | | | | | | | | | | | | | | | | |
| Sheriffs and bailiffs | | | | | | | | | | | | | | | | | |
| Service workers, except private household - allocated | | | | | | | | | | | | | | | | | |
| Private household workers | | | | | | | | | | | | | | | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | Transportation, communications, and other public utilities | | | | | | | | | | | | | | | |
|---|--|---------|-----------|-----------|-----------|---------|---------------------------------------|--------|-------------------------------|--------|-----------------|--------|------------------|--------|---------|--------|
| | Not specified manufacturing industries | | Total | | Total | | Railroads and railway express service | | Street railways and bus lines | | Taxicab service | | Trucking service | | | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | | |
| | 256 791 | 216 240 | 4 071 956 | 1 114 145 | 2 423 782 | 404 607 | 591 410 | 45 162 | 110 814 | 39 340 | 142 572 | 40 669 | 106 563 | 11 822 | 870 474 | 85 176 |
| Total employed, 16 years old and over | | | | | | | | | | | | | | | | |
| Professional, technical, and kindred workers | | | | | | | | | | | | | | | | |
| Accountants | 18 123 | 5 239 | 346 603 | 47 349 | 110 919 | 10 702 | 17 422 | 1 481 | 2 211 | 188 | 1 626 | 368 | 760 | 522 | 8 926 | 1 534 |
| Architects | 488 | 103 | 30 539 | 10 529 | 14 779 | 4 707 | 4 540 | 735 | 283 | 56 | 4 540 | 195 | 46 | 24 | 3 264 | 1 042 |
| Computer specialists | 278 | 40 | 10 909 | 3 201 | 4 204 | 730 | 1 185 | 192 | 28 | 5 | 48 | 5 | 5 | 5 | 616 | 68 |
| Computer programmers | 186 | 35 | 6 895 | 2 427 | 2 494 | 549 | 731 | 127 | 24 | 5 | 28 | 5 | 5 | 5 | 452 | 40 |
| Computer systems analysts | 74 | 5 | 3 510 | 684 | 1 322 | 173 | 404 | 65 | 10 | — | 16 | — | 5 | — | 125 | 23 |
| Computer specialists, n.e.c. | 18 | — | 504 | 90 | 1 188 | 8 | 50 | — | 4 | — | 4 | — | — | — | 39 | 5 |
| Engineers | 1 288 | 9 | 104 815 | 2 644 | 19 559 | 178 | 4 566 | 31 | 939 | 11 | 261 | 8 | 30 | 5 | 1 150 | 5 |
| Aeronautical and astronautical | — | — | 1 127 | 17 | 1 083 | 13 | — | — | — | — | 4 | 5 | — | — | — | — |
| Chemical | 79 | — | 819 | 14 | 97 | — | 16 | — | — | — | 5 | — | — | — | 16 | — |
| Civil | 98 | — | 13 309 | 100 | 3 731 | 22 | 2 221 | 15 | 430 | — | 68 | — | 10 | — | 152 | — |
| Electrical and electronic | 251 | — | 60 512 | 2 028 | 2 144 | 27 | 706 | 3 | 300 | 11 | 26 | — | 4 | — | 155 | — |
| Industrial | 157 | — | 5 368 | 114 | 2 207 | 31 | 644 | 5 | 42 | — | 39 | 3 | 10 | — | 357 | 5 |
| Mechanical | 166 | — | 13 396 | 107 | 8 411 | 76 | 465 | 3 | 59 | — | 35 | — | 6 | — | 188 | — |
| Metallurgical and materials | 20 | — | 147 | 5 | 58 | 5 | 16 | 5 | — | — | — | — | — | — | 7 | — |
| Mining | — | — | 54 | — | 19 | — | 5 | — | — | — | — | — | — | — | 5 | — |
| Petroleum | — | — | 216 | 4 | 90 | — | 24 | — | — | — | — | — | — | — | 5 | — |
| Sales | 112 | — | 1 612 | 16 | 74 | — | 469 | — | 108 | — | 5 | — | — | — | 51 | — |
| Engineers, n.e.c. | 405 | 4 | 8 255 | 239 | 1 645 | 4 | — | — | — | — | 59 | — | — | — | 219 | — |
| Farm management advisors | — | — | 25 | — | 5 | — | — | — | — | — | — | — | — | — | 7 | — |
| Foresters and conservationists | — | — | 554 | 16 | 58 | — | 51 | — | — | — | — | — | — | — | — | — |
| Home management advisors | — | — | 17 | — | 6 | — | — | — | — | — | — | — | — | — | — | — |
| Lawyers and judges | — | — | 2 572 | 71 | 1 137 | 28 | 441 | — | 98 | 5 | 39 | 6 | 11 | — | 171 | 4 |
| Judges | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Lawyers | — | — | 2 572 | 71 | 1 137 | 28 | 441 | — | 98 | 5 | 39 | 6 | 11 | — | 171 | 4 |
| Librarians, archivists, and curators | — | — | 725 | 340 | 76 | 63 | 26 | 14 | 8 | — | — | — | — | — | 5 | — |
| Librarians | — | — | 108 | 311 | 38 | 58 | 26 | 14 | — | — | — | — | — | — | — | — |
| Archivists and curators | — | — | 617 | 29 | 38 | 5 | — | — | 8 | — | — | — | — | — | — | — |
| Mathematical specialists | 20 | — | 1 437 | 673 | 609 | 240 | 323 | 65 | 15 | — | — | — | — | — | 58 | 27 |
| Actuaries | — | — | 38 | — | 23 | — | 12 | — | 6 | — | — | — | — | — | — | — |
| Mathematicians | 13 | — | 84 | 40 | 19 | 4 | 4 | — | — | — | — | — | — | — | — | — |
| Statisticians | 7 | — | 1 315 | 633 | 567 | 236 | 307 | 65 | 9 | — | — | — | — | — | 58 | 27 |
| Life and physical scientists | 204 | 4 | 3 546 | 212 | 531 | 57 | 153 | 4 | 19 | 4 | — | — | — | — | 39 | — |
| Agricultural | 15 | — | 105 | — | 15 | — | 5 | — | — | — | — | — | — | — | — | — |
| Atmospheric and space | 17 | — | 419 | 41 | 201 | 24 | — | — | — | — | — | — | — | — | — | — |
| Biological | — | — | 299 | 33 | 10 | 4 | — | — | — | — | — | — | — | — | — | — |
| Chemists | 158 | 4 | 1 929 | 111 | 232 | 29 | 106 | 4 | 19 | 4 | — | — | — | — | 30 | — |
| Geologists | — | — | 335 | 7 | 51 | — | 42 | — | — | — | — | — | — | — | — | — |
| Marine | — | — | 226 | 4 | — | — | — | — | — | — | — | — | — | — | — | — |
| Physicists and astronomers | 14 | — | 209 | 16 | 14 | — | — | — | — | — | — | — | — | — | 5 | — |
| Life and physical, n.e.c. | — | — | 24 | — | 4 | — | — | — | — | — | — | — | — | — | 4 | — |
| Operations and systems researchers and analysts | 53 | — | 3 391 | 488 | 1 376 | 53 | 400 | 18 | 10 | — | 11 | — | — | — | 94 | — |
| Personnel and labor relations workers | 165 | 76 | 16 132 | 7 007 | 7 056 | 1 143 | 1 611 | 56 | 221 | 33 | 328 | 10 | 126 | 6 | 1 702 | 128 |
| Physicians, dentists, and related practitioners | — | — | 342 | 56 | 185 | 6 | 51 | 6 | 13 | — | 5 | — | — | — | 5 | — |
| Chiropractors | — | — | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Dentists | — | — | 15 | 4 | 10 | — | — | — | — | — | — | — | — | — | — | — |
| Optometrists | — | — | 48 | — | 48 | — | — | — | — | — | — | — | — | — | — | — |
| Pharmacists | — | — | 30 | 17 | 9 | 6 | — | — | — | — | — | — | — | — | — | — |
| Physicians, medical and osteopathic | — | — | 230 | 29 | 108 | — | 51 | 6 | 13 | — | 5 | — | — | — | 5 | — |
| Podiatrists | — | — | 9 | — | 5 | — | — | — | — | — | — | — | — | — | — | — |
| Veterinarians | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health practitioners, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | Transportation, communications, and other public utilities | | | | | | | | | | | | | |
|---|--|--------|--------|--------|--------|--------|---------------------------------------|--------|-------------------------------|---------------|-----------------|--------|------------------|--------|
| | Not specified manufacturing industries | | Total | | Total | | Railroads and railway express service | | Street railways and bus lines | | Toxicob service | | Trucking service | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Government workers | Other workers | Male | Female | Male | Female |
| Professional, technical, and kindred workers—Continued | | | | | | | | | | | | | | |
| Registered nurses, dietitians, and therapists | 22 | 42 | 71 | 1 277 | 21 | 476 | 5 | 167 | — | 4 | — | — | — | 29 |
| Dietitians | — | — | 11 | 23 | 5 | 15 | — | — | — | — | — | — | — | — |
| Registered nurses | — | — | 14 | 1 210 | 5 | 442 | 5 | 148 | — | 4 | — | — | — | 29 |
| Therapists | 22 | 42 | 46 | 44 | 11 | 19 | — | — | — | — | — | — | — | — |
| Health technologists and technicians | 15 | 25 | 102 | 152 | 139 | 44 | 35 | 19 | 5 | 58 | — | — | 4 | 4 |
| Clinical laboratory technologists and technicians | — | — | — | 104 | 75 | 30 | 15 | 13 | — | 44 | — | — | — | — |
| Dental hygienists | — | — | 10 | 4 | — | — | — | — | — | — | — | — | — | — |
| Health record technologists and technicians | — | — | 14 | 9 | — | — | — | — | — | — | — | — | — | — |
| Radiologic technologists and technicians | — | — | 6 | 7 | — | — | — | — | — | — | — | — | — | — |
| Therapy assistants | 3 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health technologists and technicians, n.e.c. | 15 | 5 | 513 | 28 | 43 | 6 | 14 | 6 | — | 9 | — | — | — | — |
| Religious workers | — | — | 83 | 9 | 31 | 5 | 11 | — | — | — | — | — | — | — |
| Clergymen | — | — | 52 | — | 27 | — | 11 | — | — | — | — | — | — | — |
| Religious workers, n.e.c. | — | — | 31 | 9 | 4 | 5 | — | — | — | — | — | — | — | — |
| Social scientists | 70 | 26 | 3 222 | 793 | 977 | 45 | 242 | 5 | 25 | 19 | 4 | — | — | 6 |
| Economists | 53 | 12 | 3 019 | 761 | 927 | 40 | 229 | — | 20 | 19 | 4 | — | — | 6 |
| Political scientists | 7 | 4 | 26 | 17 | 4 | — | 4 | — | — | — | — | — | — | — |
| Psychologists | 7 | 10 | 92 | 5 | 10 | — | — | — | — | — | — | — | — | — |
| Sociologists | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Urban and regional planners | 6 | — | 60 | 11 | — | — | — | — | — | — | — | — | — | — |
| Social scientists, n.e.c. | — | — | 14 | 10 | 4 | 5 | 4 | — | 5 | — | — | — | — | — |
| Social and recreation workers | 19 | 15 | 234 | 156 | 87 | 23 | 14 | 12 | 20 | 11 | — | — | — | — |
| Social | — | — | 138 | 131 | 57 | 16 | 10 | 10 | 14 | 5 | — | — | — | — |
| Recreation | 19 | 15 | 96 | 25 | 30 | 7 | 4 | 2 | 6 | 6 | — | — | — | — |
| Teachers, college and university | 15 | 27 | 474 | 195 | 161 | 51 | 44 | 3 | 5 | 6 | — | — | — | — |
| Adult education teachers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Elementary and secondary school teachers | — | — | 15 | 41 | 10 | 11 | — | — | — | — | — | — | — | — |
| Prekindergarten and kindergarten teachers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Teachers, except college and university, n.e.c. | — | — | 2 740 | 459 | 2 384 | 204 | 84 | 2 | 65 | 123 | 7 | — | — | — |
| Engineering and science technicians | 651 | 52 | 46 430 | 5 178 | 6 651 | 300 | 2 173 | 63 | 232 | 16 | 12 | — | — | 37 |
| Agriculture and biological, except health | 10 | 10 | 158 | 20 | 39 | 11 | — | — | 5 | — | — | — | — | 7 |
| Chemical | 47 | 9 | 1 062 | 91 | 93 | 6 | 36 | 6 | — | — | — | — | — | 10 |
| Draftsmen | 402 | 4 | 13 206 | 3 379 | 1 773 | 106 | 891 | 34 | 142 | 11 | — | — | — | 18 |
| Electrical and electronic engineering | 68 | 9 | 21 095 | 535 | 1 929 | 55 | 492 | — | 28 | 7 | 6 | — | — | 9 |
| Industrial engineering | 9 | 4 | 373 | 63 | 205 | 20 | 24 | — | — | — | — | — | — | 52 |
| Mechanical engineering | 22 | — | 59 | 5 | 36 | — | 6 | — | — | — | — | — | — | 14 |
| Mathematical | — | — | 124 | 10 | — | — | — | — | — | — | — | — | — | — |
| Metallurgical | — | — | 4 127 | 81 | 1 271 | 33 | 358 | 12 | 24 | 5 | — | — | — | 5 |
| Surveyors | 23 | — | 6 226 | 994 | 1 294 | 64 | 366 | 11 | 33 | — | — | — | — | 31 |
| Engineering and science, n.e.c. | 80 | 16 | — | — | — | — | — | — | — | — | — | — | — | 60 |
| Technicians, except health, and engineering and science | 37 | 12 | 53 272 | 1 820 | 44 548 | 1 141 | 151 | — | 68 | 13 | 44 | — | — | 82 |
| Airplane pilots | — | — | 38 007 | 372 | 37 705 | — | 6 | — | — | — | 10 | — | — | 231 |
| Air traffic controllers | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Embalmers | — | — | 13 | 38 | 13 | — | — | — | — | — | — | — | — | — |
| Flight engineers | — | — | 4 151 | — | 4 147 | — | — | — | — | — | — | — | — | — |
| Radio operators | — | — | 7 310 | 1 171 | 1 974 | 683 | 70 | — | — | — | — | — | — | 4 |
| Tool programmers, numerical control | — | — | 83 | 34 | 47 | 13 | 11 | — | — | — | — | — | — | — |
| Technicians, n.e.c. | 37 | 12 | 3 708 | 205 | 662 | 40 | 55 | — | — | — | — | — | — | 298 |
| Vocational and educational counselors | — | — | 84 | 26 | 31 | 5 | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | | Transportation, communications, and other public utilities | | | | | | | | | | | | |
|---|--------|--|---------------------------------------|--------|--------|--------|-------------------------------|--------|-------|--------|-----------------|--------|------------------|--------|
| Not specified manufacturing industries | Total | | Railroads and railway express service | | | | Street railways and bus lines | | | | Taxicab service | | Trucking service | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Writers, artists, and entertainers..... | 252 | 75 | 3 933 | 872 | 570 | 38 | 104 | 37 | 101 | 22 | 4 | 607 | 93 | |
| Actors..... | — | — | 4 | 15 | — | — | — | — | 4 | — | — | 20 | 5 | |
| Athletes and kindred workers..... | 5 | — | 188 | 8 | 6 | — | — | — | — | — | — | 7 | — | |
| Authors..... | — | — | 5 | — | — | — | — | — | — | — | — | — | — | |
| Dancers..... | 64 | 10 | 405 | 29 | 173 | — | 27 | 4 | 6 | 6 | — | 16 | 5 | |
| Designers..... | — | — | 7 723 | 126 | 22 | 5 | 14 | 5 | — | 6 | — | 57 | 32 | |
| Editors and reporters..... | 27 | 14 | 555 | 43 | 14 | — | 4 | — | — | — | — | 16 | — | |
| Musicians and composers..... | 48 | 14 | 1 560 | 505 | 9 | 5 | 4 | — | 4 | — | — | 18 | — | |
| Painters and sculptors..... | — | — | 1 838 | 73 | 39 | — | 16 | — | 9 | — | — | 397 | 42 | |
| Photographers..... | 70 | 15 | 2 016 | 476 | 298 | 28 | 44 | 24 | 70 | 10 | 6 | 32 | 4 | |
| Public relations men and publicity writers..... | — | — | 41 | — | — | — | — | — | 4 | — | — | 44 | — | |
| Radio and television announcers..... | 38 | 22 | 3 843 | 401 | 19 | — | 5 | — | 4 | — | — | 32 | 4 | |
| Writers, artists, and entertainers, n.e.c..... | 64 | 12 | 1 172 | 388 | 161 | — | 15 | 4 | 4 | 14 | — | 48 | 5 | |
| Research workers, not specified..... | 14 482 | 4 713 | 1 549 | 246 | 519 | 47 | — | — | — | — | — | — | — | |
| Professional, technical, and kindred workers—allocated..... | 14 376 | 1 837 | 213 126 | 20 680 | 73 050 | 1 317 | 1 572 | 42 | 6 064 | 443 | 210 | 54 243 | 2 807 | |
| Managers and administrators, except farm assessors, controllers, and treasurers; local public administration..... | — | — | 1 493 | 105 | 153 | 5 | 6 | — | 59 | 5 | — | 386 | 32 | |
| Bank officers and financial managers..... | — | — | 116 | — | — | — | — | — | — | — | — | — | — | |
| Buyers and shippers, farm products..... | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Buyers, wholesale and retail trade..... | 27 | 11 | 351 | 68 | 52 | — | 6 | — | 15 | — | — | 163 | 28 | |
| Credit men..... | — | — | 6 | 4 | — | — | — | — | 6 | — | — | — | — | |
| Funeral directors..... | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Health administrators..... | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Construction inspectors; public administration inspectors, except construction; public administration..... | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Managers and superintendents, building..... | 117 | 72 | 197 | 62 | 32 | — | 51 | 12 | 138 | 79 | 6 | 37 | 10 | |
| Office managers, n.e.c..... | — | — | 9 149 | 2 648 | 2 997 | 261 | — | — | 5 | — | — | 3 090 | 1 064 | |
| Officers, pilots, and pursers; ship..... | — | — | 16 537 | 161 | 242 | — | — | — | — | — | — | 117 | 13 | |
| Officials and administrators; public administration, n.e.c..... | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Officials of judges, societies, and unions..... | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Postmasters and mail superintendents..... | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Purchasing agents and buyers, n.e.c..... | 177 | 48 | 4 023 | 264 | 901 | 51 | 99 | 6 | 73 | 6 | 13 | 769 | 33 | |
| Railroad conductors..... | — | — | 39 026 | 419 | 39 026 | 419 | — | — | — | — | — | — | — | |
| Restaurant, cafeteria, and bar managers..... | — | — | 137 | 56 | 26 | 47 | — | — | 9 | — | — | 32 | 5 | |
| Sales managers and department heads, retail trade..... | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Sales managers, except retail trade..... | 151 | 9 | 6 756 | 185 | 1 416 | 15 | — | — | 124 | 5 | 6 | 2 085 | 31 | |
| School administrators, college..... | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| School administrators, elementary and secondary..... | 2 575 | 301 | 133 853 | 16 641 | 27 591 | 512 | 1 410 | 24 | 5 635 | 348 | 2 366 | 47 564 | 1 591 | |
| Managers and administrators, n.e.c., (excl. office managers, n.e.c.)..... | 2 091 | 197 | 115 020 | 14 729 | 27 591 | 512 | 1 410 | 24 | 4 856 | 253 | 1 748 | 35 433 | 1 176 | |
| Self-employed..... | 484 | 104 | 18 813 | 1 912 | 614 | 7 | — | — | 779 | 95 | 618 | 12 131 | 415 | |
| Managers and administrators, except farm—allocated..... | 11 329 | 1 396 | 1 502 | 67 | — | — | — | — | — | — | — | — | — | |
| Sales workers..... | 22 142 | 4 002 | 24 035 | 5 465 | 2 757 | 285 | 404 | 205 | 448 | 212 | 19 | 9 968 | 462 | |
| Advertising agents and salesmen..... | — | — | 116 | 52 | 14 | — | 5 | — | 9 | 6 | — | 18 | 10 | |
| Auctioneers..... | — | — | 37 | — | — | — | — | — | — | — | — | — | — | |
| Demonstrators..... | — | — | 8 | 19 | — | — | — | — | — | — | — | — | — | |
| Hucksters and peddlers..... | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Insurance agents, brokers, and underwriters..... | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Newsboys..... | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Real estate agents and brokers..... | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Real estate agents and brokers..... | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Stock and bond salesmen..... | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Salesmen and sales clerks, n.e.c..... | 1 663 | 900 | 23 056 | 5 225 | 2 372 | 226 | 399 | 205 | 439 | 206 | 19 | 9 950 | 443 | |
| Sales workers—allocated..... | 20 479 | 3 102 | 818 | 169 | 371 | 59 | — | — | — | — | — | — | — | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| | Not specified manufacturing industries | | Total | | Total | | Railroads and railway express service | | Street railways and bus lines | | Taxicab service | | Trucking service | | | |
|---|--|--------|-----------|---------|---------|---------|---------------------------------------|--------|-------------------------------|--------|-----------------|--------|------------------|--------|---------------|--------|
| | Male | Female | Male | Female | Male | Female | Male | Female | Government workers | | Male | Female | Male | Female | | |
| | | | | | | | | | Male | Female | | | | | Other workers | Female |
| United States | 19 049 | 41 346 | 436 384 | 827 313 | 278 710 | 227 182 | 90 316 | 34 425 | 6 698 | 2 960 | 10 608 | 10 381 | 4 478 | 5 341 | 63 478 | 67 729 |
| Clerical and kindred workers | 8 | 96 | 5 242 | 13 052 | 4 195 | 5 772 | 1 683 | 818 | — | 11 | 26 | 96 | — | 20 | 1 862 | 3 782 |
| Bank tellers | 357 | 1 771 | 26 229 | 64 582 | 15 665 | 29 799 | 5 465 | 2 486 | 295 | 184 | 597 | 1 659 | 279 | 678 | 4 503 | 13 087 |
| Billing clerks | 58 | 384 | 10 633 | 15 045 | 9 811 | 4 892 | 1 083 | 362 | 711 | 291 | 540 | 579 | 132 | 82 | 767 | 1 685 |
| Bookkeepers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Cashiers | 21 | 31 | 6 179 | 6 076 | 2 877 | 609 | 1 136 | 76 | 113 | 59 | 141 | 17 | 10 | 6 | 422 | 121 |
| Clerical assistants, social welfare | 20 | 16 | 3 400 | 1 890 | 308 | 32 | 39 | 32 | 75 | 3 | 23 | 33 | 30 | 62 | 106 | 158 |
| Clerical supervisors, n.e.c. | 81 | 95 | 2 488 | 8 293 | 1 333 | 885 | 406 | 70 | 25 | 4 | 42 | 33 | 30 | 62 | 260 | 170 |
| Collectors, bill and account | 37 | 6 | 26 770 | 4 886 | 24 339 | 3 844 | 565 | 47 | 1 634 | 117 | 2 183 | 312 | 3 182 | 2 521 | 15 374 | 692 |
| Counter clerks, except food | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Dispatchers and starters, vehicle | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Enumerators and interviewers | 58 | 20 | 18 956 | 13 199 | 8 361 | 2 407 | 3 503 | 611 | 5 | 5 | 230 | 26 | 57 | 6 | 2 511 | 991 |
| Estimators and investigators, n.e.c. | 132 | 61 | 8 444 | 2 740 | 5 447 | 838 | 1 030 | 172 | 172 | 9 | 255 | 44 | 89 | 40 | 1 591 | 162 |
| Expeditors and production controllers | 90 | 416 | 6 544 | 19 315 | 4 207 | 6 234 | 1 968 | 1 240 | 99 | 109 | 76 | 203 | 35 | 16 | 804 | 2 607 |
| File clerks | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 108 | 22 |
| Insurance adjusters, examiners, and investigators | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Library attendants and assistants | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mail carriers, post office | 38 | 48 | 6 931 | 3 604 | 4 538 | 1 179 | 1 761 | 202 | 15 | 11 | 70 | 16 | 4 | 10 | 1 609 | 623 |
| Mail handlers, except post office | 75 | 5 | 32 184 | 938 | 1 911 | 278 | 947 | 151 | 13 | — | 9 | 4 | 4 | — | 383 | 63 |
| Messengers, including telegraph, and office boys | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Meter readers, utilities | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Office machine operators | 166 | 544 | 12 475 | 29 806 | 7 696 | 11 936 | 4 689 | 4 051 | 95 | 158 | 48 | 346 | 24 | 39 | 988 | 3 499 |
| Bookkeeping and billing machine | 20 | 59 | 737 | 2 677 | 114 | 96 | 114 | 96 | — | 5 | — | 22 | — | 8 | 217 | 696 |
| Calculating machine | 20 | 39 | 197 | 2 365 | 93 | 1 202 | 28 | 610 | — | 21 | — | 70 | — | 10 | 24 | 280 |
| Computer and peripheral equipment | 92 | 64 | 5 526 | 3 646 | 2 797 | 937 | 1 170 | 330 | 64 | 9 | 13 | 40 | — | — | 390 | 181 |
| Duplicating machine | 16 | 11 | 410 | 582 | 153 | 70 | 70 | 113 | — | — | — | — | — | — | 22 | 5 |
| Key punch | 34 | 351 | 4 713 | 19 304 | 3 129 | 2 941 | 3 129 | 2 941 | 25 | 112 | 21 | 209 | 12 | 21 | 262 | 2 253 |
| Tabulating machine | 4 | 20 | 350 | 1 779 | 179 | 46 | 70 | 17 | 6 | 6 | 6 | 6 | 6 | 6 | 22 | 6 |
| Office machine, n.e.c. | 4 | 20 | 542 | 811 | 278 | 231 | 108 | 38 | 5 | 5 | 8 | 5 | — | — | 51 | 78 |
| Payroll and timekeeping clerks | 99 | 185 | 5 943 | 9 708 | 3 866 | 4 110 | 1 843 | 1 058 | 140 | 113 | 137 | 286 | 7 | 95 | 894 | 1 599 |
| Postal clerks | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Proofreaders | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Real estate appraisers | 23 | 248 | 818 | 7 999 | 50 | 14 | 18 | 227 | 6 | 72 | 138 | 516 | — | — | 15 | 14 |
| Receptionists | 113 | 3 687 | 4 218 | 109 480 | 2 836 | 51 745 | 1 173 | 6 416 | 21 | 340 | 85 | 2 057 | 10 | 126 | 779 | 729 |
| Secretaries | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Legal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Medical | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Shipping and receiving clerks | 568 | 79 | 33 934 | 2 894 | 32 066 | 2 202 | 4 379 | 308 | 68 | 5 | 342 | 49 | 18 | — | 14 349 | 597 |
| Statistical clerks | 90 | 98 | 17 015 | 22 109 | 8 487 | 3 868 | 4 548 | 1 223 | 176 | 97 | 147 | 162 | 6 | 4 | 928 | 865 |
| Stenographers | 5 | 138 | 613 | 11 801 | 478 | 4 902 | 414 | 3 223 | 310 | 18 | 368 | 43 | 8 | — | 27 | 521 |
| Stock clerks and storekeepers | 296 | 140 | 26 824 | 2 544 | 16 623 | 1 549 | 6 760 | 194 | — | — | — | — | — | — | 1 551 | 152 |
| Teacher aides, except school monitors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Telephone operators | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Telephone operators | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Ticket, station, and express agents | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Typists | 90 | 1 073 | 11 018 | 60 051 | 7 838 | 21 863 | 4 092 | 3 237 | 1 429 | 491 | 3 954 | 1 703 | 6 | 98 | 1 514 | 932 |
| Weighers | 23 | 23 | 1 735 | 165 | 1 391 | 165 | 293 | 30 | 315 | 75 | 508 | 257 | 113 | 335 | 6 322 | 2 787 |
| Miscellaneous clerical workers | 140 | 191 | 28 575 | 50 180 | 20 097 | 7 271 | 8 444 | 1 445 | 538 | 315 | 508 | 590 | 112 | 151 | 4 038 | 5 768 |
| Not specified clerical workers | 367 | 976 | 32 242 | 53 968 | 22 253 | 14 634 | 12 456 | 3 472 | 315 | 272 | 550 | — | — | — | — | — |
| Clerical and kindred workers—allocated | 16 107 | 31 015 | 19 337 | 35 861 | 22 992 | 14 696 | 12 458 | 164 | — | — | — | — | — | — | — | — |
| Craftsmen and kindred workers | 49 775 | 7 866 | 1 128 518 | 21 858 | 437 399 | 5 577 | 204 728 | 1 927 | 14 502 | 161 | 17 272 | 262 | 2 813 | 33 | 77 626 | 1 025 |
| Automobile accessories installers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Bakers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Blocksmiths | 4 | — | 1 070 | 32 | 827 | 21 | 772 | 6 | 5 | 9 | 31 | 5 | — | — | 5 | 6 |
| Boilermakers | 34 | 5 | 3 769 | 47 | 1 096 | 27 | 980 | 27 | — | — | 17 | — | — | — | 15 | — |
| Bookbinders | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Bookkeepers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Brickmasons and stonemasons | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | | Transportation, communications, and other public utilities | | | | | | | | | | | | | |
|--|--------|--|--------|---------|--------|---------------------------------------|--------|-------|--------|-------------------------------|--------|-----------------|--------|------------------|--------|
| Not specified manufacturing industries | | Total | | | | Railroads and railway express service | | | | Street railways and bus lines | | Taxicab service | | Trucking service | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Craftsmen and kindred workers—Continued | | | | | | | | | | | | | | | |
| 105 | — | 6 394 | 51 | 1 701 | 23 | 629 | 11 | 5 | — | — | — | — | — | 540 | 6 |
| — | 11 | 266 | — | 160 | — | 20 | — | — | — | — | — | — | — | 41 | — |
| — | — | 12 635 | 178 | 8 679 | 105 | 5 206 | 50 | 267 | — | 155 | — | 8 | — | 522 | 5 |
| — | — | 78 | — | 53 | — | 6 | — | — | — | 5 | — | 4 | — | 11 | — |
| — | — | 509 | 4 | 166 | — | 44 | — | 24 | — | 18 | — | — | — | 12 | — |
| — | — | 967 | 212 | 347 | 78 | 81 | 5 | — | — | 24 | — | — | — | 58 | 21 |
| 109 | — | 8 491 | 85 | 5 578 | 262 | 2 628 | 33 | 49 | — | 24 | — | 6 | — | 569 | — |
| — | — | 146 | 38 | 28 | 27 | 19 | — | — | — | — | — | — | — | — | — |
| — | — | 5 | 5 | 5 | — | — | — | — | — | — | — | — | — | 5 | — |
| — | — | 44 682 | 441 | 16 437 | 154 | 10 407 | 59 | 1 220 | 17 | 496 | 4 | 15 | — | 295 | 4 |
| — | — | 84 000 | 980 | 1 734 | 22 | 1 390 | 8 | 93 | — | 79 | 5 | — | — | 140 | — |
| — | — | 61 | 19 | 20 | 11 | 4 | — | — | — | — | — | — | — | 10 | — |
| 6 | 6 | 45 | 10 | 21 | 9 | 9 | — | — | — | — | — | — | — | 7 | — |
| — | — | 7 879 | 77 | 1 820 | 21 | 826 | — | 9 | — | 8 | 5 | — | — | 477 | 5 |
| — | — | 180 | — | 95 | — | 37 | — | 10 | — | — | — | 9 | — | 29 | — |
| 1 223 | 118 | 150 283 | 5 704 | 68 846 | 1 247 | 24 792 | 308 | 1 723 | 16 | 1 450 | 23 | 252 | — | 21 470 | 408 |
| 11 | — | 504 | 27 | 355 | — | 294 | — | 5 | — | — | — | — | — | 33 | — |
| 16 | — | 222 | — | 117 | — | 13 | — | — | — | 5 | — | — | — | 17 | — |
| — | — | 53 | — | 30 | — | — | — | — | — | — | — | — | — | 6 | — |
| 4 | — | 115 | — | 88 | — | 68 | — | — | — | 5 | — | — | — | — | — |
| 13 | — | 37 | — | 27 | — | 13 | — | — | — | — | — | — | — | — | — |
| — | — | 105 | — | 99 | — | 58 | — | 6 | — | — | — | — | — | 5 | — |
| 56 | 5 | 42 361 | 1 198 | 29 225 | 485 | 24 376 | 247 | 1 132 | 16 | 187 | 4 | 38 | — | 1 870 | 63 |
| — | — | 111 | 4 | 75 | — | 57 | — | — | — | — | — | — | — | 9 | — |
| 45 | — | 214 | — | 56 | — | 48 | — | — | — | — | — | — | — | 4 | — |
| — | — | 45 092 | 338 | 45 032 | — | 44 849 | — | 56 | — | 47 | — | — | — | 25 | — |
| — | — | 12 305 | — | 12 485 | — | 12 476 | — | 107 | — | — | — | — | — | — | — |
| — | — | 16 194 | 201 | 12 486 | 124 | 9 882 | 93 | 226 | — | 169 | — | — | — | 334 | 4 |
| 435 | 32 | 284 870 | 3 064 | 198 342 | 2 118 | 51 892 | 470 | 8 512 | 73 | 13 887 | 166 | 2 413 | — | 46 665 | 419 |
| — | 20 | 4 630 | 22 | 1 747 | 8 | 346 | — | 22 | — | 51 | — | — | — | 427 | 3 |
| — | — | 59 825 | 743 | 59 506 | 737 | 25 | — | 5 | — | 15 | — | 5 | — | 300 | — |
| — | — | 870 | — | 755 | — | 7 | — | 78 | — | 196 | — | 80 | — | 320 | — |
| 13 | — | 76 289 | 770 | 65 974 | 665 | 510 | 12 | 5 348 | 61 | 12 429 | 149 | 2 191 | — | 42 420 | 382 |
| — | — | 554 | 24 | 116 | — | 41 | — | 5 | — | — | — | — | — | — | — |
| — | — | 243 | 4 | 54 | — | — | — | 4 | — | — | — | — | — | — | — |
| 552 | 5 | 26 110 | 208 | 10 027 | 89 | 1 490 | 7 | 530 | 4 | 367 | 13 | — | — | 19 | — |
| 105 | 5 | 37 277 | 373 | 524 | 5 | 80 | 5 | 19 | — | 15 | — | 58 | — | 2 488 | 28 |
| — | — | 45 | — | 20 | — | 9 | — | — | — | — | — | 29 | — | 171 | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | 4 | — |
| 51 | — | 395 | — | 39 | — | 21 | — | — | — | 5 | — | — | — | — | — |
| — | — | 8 722 | 253 | 3 569 | 86 | 896 | 11 | 66 | — | 17 | — | 10 | — | 43 | — |
| — | — | 50 893 | 447 | 50 863 | 447 | 47 448 | 435 | 2 241 | 8 | 650 | 4 | — | — | 117 | — |
| 109 | 10 | 16 390 | 180 | 4 221 | 69 | 851 | — | 135 | — | 79 | — | 5 | — | 240 | 6 |
| 91 | — | 2 827 | 40 | 927 | 5 | 168 | — | 59 | — | 63 | — | 35 | — | 116 | — |
| — | — | 14 | — | 14 | — | — | — | — | — | — | — | — | — | — | — |
| 118 | — | 1 140 | — | 599 | — | 35 | — | 13 | — | — | — | — | — | 4 | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | 459 | — |
| — | — | — | — | 30 | — | — | — | — | — | — | — | — | — | 15 | — |
| — | — | 13 | — | 8 | — | — | — | — | — | — | — | — | — | — | — |
| — | — | 7 365 | 125 | 5 282 | 106 | 2 307 | 41 | 317 | — | 256 | — | 30 | — | 420 | 16 |
| — | — | 12 | 10 | 12 | — | 5 | — | — | — | — | — | — | — | — | — |
| — | — | 134 | — | 73 | — | 36 | — | — | — | — | — | — | — | 21 | — |
| — | — | 62 | 22 | 6 | — | — | — | — | — | — | — | — | — | — | — |
| — | — | 5 | — | 5 | — | — | — | — | — | — | — | — | — | 5 | — |
| — | — | 66 | — | 16 | — | — | — | 6 | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | | Transportation, communications, and other public utilities | | | | | | | | | | | |
|--|---------|--|--------|---------------------------------------|--------|-------------------------------|--------|-----------------|--------|------------------|--------|--|--|
| Not specified manufacturing industries | | Total | | Railroads and railway express service | | Street railways and bus lines | | Taxicab service | | Trucking service | | | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | | |
| Craftsmen and kindred workers - Continued | | | | | | | | | | | | | |
| Plumbers and pipe fitters | 275 | 4 622 | 55 | 3 671 | 40 | 169 | 5 | 77 | - | 77 | - | | |
| Power station operators | 13 273 | 372 | 73 | 72 | 17 | 113 | 17 | 41 | 7 | 41 | 5 | | |
| Pressmen and plate printers, printing | 193 | 450 | 47 | 93 | 14 | 11 | 6 | 143 | - | 143 | 5 | | |
| Rollers and finishers, metal | 4 | 14 | - | - | - | - | - | 7 | - | 7 | - | | |
| Roofers and slaters | 44 | 39 | - | 25 | - | - | - | 34 | - | 34 | - | | |
| Sheetmetal workers and fsmiths | 52 | 4 444 | 44 | 1 980 | 5 | 88 | 42 | - | - | - | - | | |
| Shoefitters | 60 | 46 | - | - | - | - | - | - | - | - | - | | |
| Shoemen | 16 | 3 | - | - | - | - | - | - | - | - | - | | |
| Shoepairers | 16 | 165 | - | 65 | - | 14 | - | - | 5 | - | - | | |
| Sign painters and letterers | 279 | 18 | - | - | - | - | - | - | - | - | - | | |
| Stationary engineers | 547 | 5 238 | 53 | 1 213 | 12 | 192 | - | 324 | 15 | 324 | 6 | | |
| Stone cutters and stone carvers | 6 | 6 | - | - | - | - | - | - | - | - | - | | |
| Structural metal craftsmen | 8 | 535 | 5 | 129 | 5 | 70 | - | 52 | - | 52 | - | | |
| Tailors | 4 | 37 | - | 9 | - | - | - | 16 | - | 16 | - | | |
| Telephone installers and repairmen | 5 832 | 1 486 | 43 | 599 | 13 | 70 | - | 758 | - | 758 | 24 | | |
| Telephone linemen and splicers | 631 | 265 | 5 | 111 | - | - | - | 135 | - | 135 | 5 | | |
| Tile setters | 94 | 12 | - | 77 | - | - | - | 5 | - | 5 | - | | |
| Tool and die makers | 21 | 214 | 16 | 77 | 5 | 5 | 6 | 21 | - | 21 | - | | |
| Upholsterers | 689 | 67 | - | 44 | - | - | - | 24 | - | 24 | - | | |
| Craftsmen and kindred workers, n.e.c. | 134 | 671 | 44 | 288 | 11 | 29 | 12 | 1 821 | - | 1 821 | 28 | | |
| Craftsmen and kindred workers - allocated | 554 | 2 779 | 57 | 315 | 11 | 5 | - | - | - | - | - | | |
| | 44 973 | 3 326 | 31 | 1 606 | 9 | - | - | - | - | - | - | | |
| | 156 854 | 93 228 | 7 682 | 26 897 | 817 | 821 | 52 | 10 166 | 444 | 30 | 813 | | |
| Operatives, except transport | | | | | | | | | | | | | |
| Asbestos and insulation workers | 10 | 43 | - | - | - | 5 | - | - | - | - | - | | |
| Assemblers | 435 | 805 | 387 | 268 | 178 | 4 | - | 278 | - | 278 | 15 | | |
| Blasters and powdermen | 7 | 107 | 43 | 16 | - | 14 | 17 | - | - | - | - | | |
| Buffing and canning operatives | 75 | 198 | 9 | 160 | - | - | - | 5 | - | 5 | - | | |
| Chainmen, roommen, and oxmen, surveying | 465 | 32 | - | - | - | - | - | 27 | - | 27 | - | | |
| Checkers, examiners, and inspectors; manufacturing | 32 | 238 | 16 | 84 | 5 | 5 | 6 | 8 | - | 8 | 5 | | |
| Clothing ironers and pressers | 435 | 128 | 45 | 41 | 11 | 113 | 6 | 35 | - | 35 | 7 | | |
| Cuffing operatives, n.e.c. | 153 | 114 | 147 | 41 | 11 | - | - | 12 | - | 12 | 9 | | |
| Dressmakers and seamstresses, except factory | 529 | 158 | 4 | 58 | - | 4 | - | 55 | - | 55 | 4 | | |
| Drillers, earth | 40 | 25 | - | 9 | - | - | - | 30 | - | 30 | - | | |
| Dry wall installers and lathers | 27 | 9 | - | - | - | - | - | 11 | - | 11 | - | | |
| Dyers | 333 | 216 | 19 | 40 | 7 | - | - | 5 | - | 5 | - | | |
| Filers, polishers, sanders, and buffers | 116 | 72 | - | 63 | - | - | - | 23 | - | 23 | - | | |
| Furnacemen, smeltermen, and pourers | 3 412 | 2 364 | 29 | 78 | - | 113 | 6 | 1 538 | - | 1 538 | 13 | | |
| Garage workers and gas station attendants | 323 | 749 | 765 | 11 | - | - | - | 4 | - | 4 | 15 | | |
| Graders and sorters, manufacturing | 15 | 11 | - | - | - | - | - | - | - | - | - | | |
| Produce graders and packers, except factory and farm | 136 | 111 | 28 | 29 | 12 | - | - | 5 | - | 5 | - | | |
| Heavers, metal | 2 144 | 169 | 3 | 5 | - | - | - | 18 | - | 18 | - | | |
| Laundry and drycleaning operatives, n.e.c. | 338 | 266 | 6 | 49 | 7 | - | - | 11 | - | 11 | - | | |
| Meat cutters and butchers | 6 | 6 | - | - | - | - | - | - | - | - | - | | |
| Meat wrappers, retail trade | 183 | 110 | 19 | 11 | - | - | - | 5 | - | 5 | - | | |
| Metal platers | 41 | 3 345 | 23 | 820 | 9 | 22 | - | 459 | - | 459 | 498 | | |
| Milliners | 41 | 5 846 | 115 | 55 | 9 | 4 | - | 2 261 | - | 2 261 | 6 | | |
| Mine operatives, n.e.c. | 189 | 251 | 15 | 60 | 25 | 9 | - | 52 | - | 52 | 16 | | |
| Mixing operatives | 56 | 125 | 62 | 53 | 9 | 5 | - | 10 | - | 10 | 4 | | |
| Oilers and greasers, except auto | 412 | 1 204 | 23 | 772 | 4 | 31 | 5 | 87 | - | 87 | 4 | | |
| Packers and wrappers, except meat and produce | 81 | 122 | - | 48 | - | 5 | - | 11 | - | 11 | - | | |
| Painters, manufactured articles | 46 | 309 | 5 | 243 | - | 5 | - | 6 | - | 6 | - | | |
| Photographic process workers | 217 | 572 | 13 | 364 | - | 18 | - | 27 | - | 27 | - | | |
| Precision machine operatives | 68 | 181 | 15 | 97 | 4 | 3 | 5 | 49 | - | 49 | 4 | | |
| Drill press operatives | | | | | | | | | | | | | |
| Grinding machine operatives | | | | | | | | | | | | | |
| Lathe and milling machine operatives | | | | | | | | | | | | | |
| Precision machine operatives, n.e.c. | | | | | | | | | | | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| | Transportation, communications, and other public utilities | | | | | | | | | | | |
|---|--|---------|-----------|--------|---------------------------------------|--------|-------------------------------|--------|-----------------|--------|------------------|--------|
| | Transportation | | | | | | | | | | | |
| | Not specified manufacturing industries | | Total | | Railroads and railway express service | | Street railways and bus lines | | Taxicab service | | Trucking service | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Operatives, except transport—Continued | | | | | | | | | | | | |
| Punch and stamping press operatives | 96 | 54 | 576 | 51 | 5 | 143 | — | 3 | — | — | — | — |
| Riveters and fasteners | 5 | 9 | 154 | 11 | — | 92 | — | 5 | — | — | — | — |
| Sailors and deckhands | 59 | 4 | 19 464 | 236 | 236 | 303 | — | 5 | — | 11 | — | — |
| Sawyers | — | — | 440 | 5 | — | 46 | — | — | — | — | — | — |
| Sewers and stitchers | — | — | 152 | 228 | 189 | 5 | 112 | — | — | — | — | — |
| Shoemaking machine operatives | 30 | 52 | 27 | 9 | — | — | — | — | — | — | — | — |
| Solders | 115 | 87 | 11 378 | 152 | 11 | 11 | — | 52 | — | — | — | — |
| Stationary firemen | — | — | — | 83 | 20 | 670 | — | — | — | — | — | — |
| Textile operatives | | | | | | | | | | | | |
| Carding, lapsing, and combing operatives | — | — | — | — | — | — | — | — | — | — | — | — |
| Knitters, bobbers, and foppers | — | — | — | — | — | — | — | — | — | — | — | — |
| Spinners, twistors, and winders | — | — | — | — | — | — | — | — | — | — | — | — |
| Weavers | — | — | — | — | — | — | — | — | — | — | — | — |
| Textile operatives, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — |
| Welders and flamecutters | 961 | 78 | 23 458 | 291 | 147 | 9 487 | 82 | 141 | — | 184 | 6 | — |
| Winding operatives, n.e.c. | 34 | 36 | 310 | 147 | 6 | 104 | — | 10 | — | — | — | — |
| Machine operatives, miscellaneous specified | 664 | 474 | 8 081 | 957 | 456 | 800 | 35 | 26 | — | 45 | — | — |
| Machine operatives, not specified | 393 | 230 | 9 181 | 797 | 282 | 3 093 | 92 | 51 | — | 33 | 6 | — |
| Miscellaneous operatives | 320 | 191 | 38 709 | 1 809 | 24 532 | 2 223 | 159 | 215 | — | 462 | 24 | — |
| Not specified operatives | 677 | 665 | 6 646 | 355 | 143 | 3 292 | 55 | 97 | — | 64 | 6 | — |
| Operatives, except transport—allocated | 79 350 | 144 938 | 13 163 | 1 178 | 122 | 940 | 40 | — | — | — | — | — |
| Transport equipment operatives | | | | | | | | | | | | |
| Boatmen and canalmen | 15 790 | 271 | 1 087 802 | 87 287 | 78 202 | 99 766 | 1 174 | 78 047 | 35 242 | 96 285 | 26 713 | — |
| Bus drivers | — | — | 1 944 | 242 | 113 | 242 | — | 21 | 12 | 7 | 6 | — |
| Conductors and motormen, urban rail transit | — | — | 158 856 | 61 828 | 61 775 | 447 | 64 | 69 555 | 34 967 | 86 384 | 26 191 | — |
| Deliverymen and routemen | 409 | 20 | 8 886 | 1 190 | 8 876 | 56 | — | 6 583 | 72 | 1 862 | 105 | — |
| Fork lift and low motor operatives | 272 | — | 49 493 | 1 509 | 45 447 | 1 109 | 14 | 410 | 111 | 467 | 98 | — |
| Motormen; mine, factory, logging camp, etc. | — | — | 14 847 | 187 | 177 | 1 322 | 16 | 55 | — | 55 | 16 | — |
| Parking attendants | — | — | 353 | 5 | 322 | 141 | — | 97 | — | 4 | — | — |
| Railroad brakemen | — | — | 678 | 45 | 601 | 14 | — | 6 | — | 47 | — | — |
| Railroad switchmen | — | — | 44 217 | 448 | 44 217 | 448 | 448 | — | — | — | — | — |
| Taxicab drivers and chauffeurs | — | — | 46 929 | 621 | 598 | 44 613 | 514 | 634 | 40 | 339 | 24 | — |
| Truck drivers | 1 512 | 44 | 103 327 | 5 688 | 5 677 | 447 | 20 | 464 | 36 | 6 399 | 247 | — |
| Transport equipment operatives—allocated | 13 597 | 207 | 585 772 | 8 409 | 7 831 | 6 817 | 86 | 222 | — | 721 | 26 | — |
| Transport equipment operatives—allocated | 72 480 | 8 115 | 888 | 22 | 22 | 494 | 12 | — | — | — | — | — |
| Labors, except farm | | | | | | | | | | | | |
| Animal caretakers, except farm | 21 033 | 3 854 | 406 958 | 9 402 | 6 185 | 57 988 | 1 305 | 2 833 | 214 | 3 130 | 508 | — |
| Carpenters' helpers | 16 | 5 | 640 | 19 | 19 | 10 | — | — | — | — | — | — |
| Construction laborers, except carpenters' helpers | — | — | 669 | 265 | 351 | 214 | — | 15 | — | 10 | — | — |
| Fishermen and oystermen | — | — | 22 629 | 9 | 34 | 2 004 | 19 | 159 | 6 | 31 | — | — |
| Freight and material handlers | 400 | 35 | 108 670 | 1 567 | 1 440 | 9 599 | 204 | 42 | 9 | 403 | — | — |
| Garbage collectors | — | — | 67 064 | 1 035 | 73 | 15 | — | 4 | — | 6 | — | — |
| Gardeners and groundskeepers, except farm | — | — | 4 886 | 95 | 45 | 168 | 16 | 46 | — | — | — | — |
| Longshoremen and stevedores | — | — | 37 889 | 585 | 215 | 5 | — | 9 | — | — | — | — |
| Lumbermen, raftsmen, and woodchoppers | — | — | 389 | 15 | 15 | 4 | — | — | — | — | — | — |
| Stock handlers | 283 | 50 | 6 559 | 855 | 644 | 506 | 20 | 30 | — | 212 | 11 | — |
| Teamsters | — | — | 582 | 64 | 57 | 45 | — | 5 | — | — | — | — |
| Vehicle washers and equipment cleaners | 125 | 28 | 11 999 | 1 186 | 1 123 | 2 413 | 259 | 853 | 29 | 1 408 | 286 | — |
| Warehousemen, n.e.c. | 104 | 3 | 11 177 | 294 | 273 | 144 | 4 | — | — | — | — | — |
| Miscellaneous laborers | 111 | 33 | 59 033 | 1 135 | 673 | 32 237 | 521 | 1 132 | 20 | 270 | — | — |
| Not specified laborers | 825 | 148 | 37 346 | 1 817 | 1 174 | 9 934 | 256 | 528 | 150 | 733 | 211 | — |
| Labors, except farm—allocated | 19 169 | 3 552 | 37 231 | 461 | 21 | 450 | 6 | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| Not specified manufacturing industries | | Transportation, communications, and other public utilities | | | | | | | | | | | | | |
|--|--------|--|--------|----------------|--------|---------------------------------------|--------|-------------------------------|--------|-----------------|--------|------------------|--------|------|--------|
| | | Total | | Transportation | | | | | | | | Trucking service | | | |
| | | | | Total | | Railroads and railway express service | | Street railways and bus lines | | Taxicab service | | | | | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| United States | | | | | | | | | | | | | | | |
| Farmers and farm managers | | | | | | | | | | | | | | | |
| Farm laborers and farm foremen | | | | | | | | | | | | | | | |
| Farm foremen | | | | | | | | | | | | | | | |
| Farm laborers, wage workers | | | | | | | | | | | | | | | |
| Farm laborers, unpaid family workers | | | | | | | | | | | | | | | |
| Farm service laborers, self-employed | | | | | | | | | | | | | | | |
| Farm laborers and farm foremen—allocated | | | | | | | | | | | | | | | |
| Service workers, except private household | | | | | | | | | | | | | | | |
| Cleaning service workers | | | | | | | | | | | | | | | |
| Chambermaids and maids, except private household | | | | | | | | | | | | | | | |
| Cleaners and charwomen | | | | | | | | | | | | | | | |
| Janitors and sextons | | | | | | | | | | | | | | | |
| Food service workers | | | | | | | | | | | | | | | |
| Bartenders | | | | | | | | | | | | | | | |
| Busboys | | | | | | | | | | | | | | | |
| Cooks, except private household | | | | | | | | | | | | | | | |
| Dishwashers | | | | | | | | | | | | | | | |
| Food counter and fountain workers | | | | | | | | | | | | | | | |
| Waiters | | | | | | | | | | | | | | | |
| Food service workers, n.e.c., except private household | | | | | | | | | | | | | | | |
| Health service workers | | | | | | | | | | | | | | | |
| Dental assistants | | | | | | | | | | | | | | | |
| Health aides, except nursing | | | | | | | | | | | | | | | |
| Health trainees | | | | | | | | | | | | | | | |
| Lay midwives | | | | | | | | | | | | | | | |
| Nursing aides, orderlies, and attendants | | | | | | | | | | | | | | | |
| Practical nurses | | | | | | | | | | | | | | | |
| Personal service workers | | | | | | | | | | | | | | | |
| Airline stewardesses | | | | | | | | | | | | | | | |
| Attendants, recreation and amusement | | | | | | | | | | | | | | | |
| Attendants, personal service, n.e.c. | | | | | | | | | | | | | | | |
| Baggage porters and bellhops | | | | | | | | | | | | | | | |
| Barbers | | | | | | | | | | | | | | | |
| Boarding and lodging house keepers | | | | | | | | | | | | | | | |
| Bookbinders | | | | | | | | | | | | | | | |
| Child care workers, except private household | | | | | | | | | | | | | | | |
| Elevator operators | | | | | | | | | | | | | | | |
| Florists | | | | | | | | | | | | | | | |
| Handpressers and cosmetologists | | | | | | | | | | | | | | | |
| Housekeepers, except private household | | | | | | | | | | | | | | | |
| School monitors | | | | | | | | | | | | | | | |
| Ushers, recreation and amusement | | | | | | | | | | | | | | | |
| Welfare service aides | | | | | | | | | | | | | | | |
| Protective service workers | | | | | | | | | | | | | | | |
| Crossing guards and bridge tenders | | | | | | | | | | | | | | | |
| Firemen, fire protection | | | | | | | | | | | | | | | |
| Guards and watchmen | | | | | | | | | | | | | | | |
| Marshals and constables | | | | | | | | | | | | | | | |
| Policemen and detectives | | | | | | | | | | | | | | | |
| Sheriffs and bailiffs | | | | | | | | | | | | | | | |
| Service workers, except private household—allocated | | | | | | | | | | | | | | | |
| Private household workers | | | | | | | | | | | | | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| | United States | | | | | | | | | | | | | | | |
|--|-------------------------|--------|----------------------|--------|--------------------|----------------|---------------------------------------|-------|--------|--------|-----------------------------------|---------|----------------------------|--------|---------|---------|
| | Transportation — Con. | | | | | Communications | | | | | | | | | | |
| | Warehousing and storage | | Water transportation | | Air transportation | | Services incidental to transportation | | Total | | Radio broadcasting and television | | Telephone (wire and radio) | | | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Total employed, 16 years old and over | 101 507 | 25 373 | 148 275 | 13 615 | 280 539 | 103 755 | 11 394 | 1 291 | 60 234 | 38 404 | 553 000 | 520 663 | 97 985 | 32 971 | 427 463 | 472 534 |
| Professional, technical, and kindred workers | 1 730 | 448 | 12 136 | 560 | 60 438 | 4 573 | 2 033 | 101 | 3 637 | 927 | 122 572 | 26 225 | 58 487 | 6 733 | 58 234 | 18 973 |
| Accountants | 719 | 305 | 1 335 | 259 | 2 721 | 1 614 | 395 | 50 | 996 | 427 | 5 267 | 3 583 | 855 | 496 | 4 112 | 2 996 |
| Architects | — | — | 87 | — | 127 | 4 | — | — | 40 | — | 151 | 16 | 9 | — | 130 | 16 |
| Computer specialists | 95 | 31 | 192 | 32 | 1 689 | 325 | 103 | 6 | 233 | 61 | 3 401 | 1 830 | 141 | 49 | 2 927 | 1 701 |
| Computer programmers | 68 | 25 | 122 | 32 | 1 060 | 270 | 75 | 6 | 134 | 34 | 1 944 | 1 318 | 98 | 33 | 1 661 | 1 232 |
| Computer systems analysts | 27 | 6 | 57 | — | 556 | 52 | 28 | — | 94 | 27 | 1 261 | 442 | 38 | 11 | 1 110 | 409 |
| Computer specialists, n.e.c. | — | — | 13 | — | 73 | 3 | — | — | 5 | — | 176 | 70 | 5 | — | 156 | 60 |
| Engineers | 274 | — | 7 591 | 64 | 3 459 | 45 | 590 | 2 | 699 | 7 | 42 253 | 2 050 | 7 889 | 79 | 32 871 | 1 930 |
| Aeronautical and astronautical | — | — | — | — | 1 079 | 8 | — | — | — | — | 15 | — | 10 | — | 5 | — |
| Chemical | 8 | — | 4 | — | 5 | — | 39 | — | 4 | — | 20 | — | — | — | 20 | — |
| Civil | 30 | — | 179 | — | 296 | 5 | 94 | 2 | 251 | — | 1 394 | 29 | 129 | — | 1 224 | 20 |
| Electrical and electronic | 18 | — | 104 | — | 599 | 8 | 138 | — | 94 | — | 36 305 | 1 794 | 7 203 | — | 27 961 | 1 687 |
| Industrial | 90 | — | 127 | — | 770 | 14 | 42 | — | 66 | — | 1 331 | 70 | 97 | — | 1 174 | 60 |
| Mechanical | 76 | — | 7 035 | 64 | 316 | 6 | 106 | — | 125 | 3 | 567 | — | 151 | — | 365 | — |
| Metallogical and materials | — | — | 5 | — | 32 | — | — | — | 5 | — | 16 | — | 4 | — | 8 | — |
| Mining | — | — | 7 | — | — | — | — | — | — | — | 9 | — | — | — | 9 | — |
| Petroleum | — | — | — | — | — | — | 57 | — | 4 | — | 5 | — | — | — | 5 | — |
| Sales | 8 | — | — | — | 4 | — | — | — | 6 | — | 80 | 6 | 16 | — | 48 | 6 |
| Engineers, n.e.c. | 44 | — | 130 | — | 358 | 4 | 114 | — | 144 | — | 2 511 | 151 | 279 | — | 2 052 | 147 |
| Farm management advisors | — | — | 5 | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Foresters and conservationists | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Home management advisors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Lawyers and judges | 21 | — | 28 | — | 191 | 9 | 38 | — | 99 | 4 | 622 | 15 | 165 | — | 404 | 11 |
| Judges | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Lawyers | 21 | — | 28 | — | 191 | 9 | 38 | — | 99 | 4 | 622 | 15 | 165 | — | 404 | 11 |
| Librarians, archivists, and curators | — | — | 15 | — | 5 | 31 | — | — | 17 | 14 | 622 | 198 | 51 | — | 404 | 11 |
| Librarians | — | — | 5 | — | 5 | 26 | — | — | 7 | 14 | 56 | 180 | 51 | — | 570 | 80 |
| Archivists and curators | — | — | 10 | — | 5 | 5 | — | — | 10 | — | 565 | 18 | — | — | 62 | 18 |
| Mathematical specialists | 7 | 6 | 26 | 11 | 159 | 114 | 5 | 6 | 16 | 4 | 357 | 292 | 15 | 17 | 310 | 270 |
| Actuaries | — | — | — | — | 5 | — | — | — | — | — | 9 | — | — | — | 9 | — |
| Mathematicians | — | — | — | — | 15 | 4 | — | — | — | — | 9 | — | — | — | 9 | — |
| Statisticians | 7 | 6 | 26 | 11 | 139 | 110 | 5 | 6 | 16 | 4 | 29 | 22 | — | — | 20 | 22 |
| Life and physical scientists | 10 | 9 | 5 | — | 270 | 40 | 25 | — | 10 | — | 319 | 270 | 15 | 17 | 281 | 248 |
| Agricultural | 10 | — | 5 | — | — | — | — | — | — | — | 376 | 38 | 198 | 12 | 141 | 26 |
| Atmospheric and space | — | — | — | — | — | — | — | — | — | — | 9 | — | — | — | — | — |
| Biological | — | — | — | — | 201 | 24 | — | — | — | — | 175 | 17 | 156 | 12 | 19 | 5 |
| Chemists | — | — | 5 | — | 10 | 16 | 16 | — | 10 | — | 6 | 5 | 8 | — | 5 | 3 |
| Geologists | — | — | — | — | 46 | 16 | 9 | — | 10 | — | 65 | 10 | 6 | — | 47 | 10 |
| Marine | — | — | — | — | 4 | — | — | — | — | — | 12 | — | — | — | 6 | — |
| Physicists and astronomers | — | — | — | — | 9 | — | — | — | — | — | 109 | 6 | 19 | — | 69 | 6 |
| Life and physical, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Operations and systems researchers and analysts | 4 | — | 33 | — | 714 | 35 | 38 | — | 72 | — | 915 | 365 | 23 | 15 | 812 | 342 |
| Personnel and labor relations workers | 250 | 31 | 405 | 33 | 1 979 | 760 | 174 | 5 | 260 | 81 | 5 101 | 5 349 | 274 | 165 | 4 590 | 5 114 |
| Physicians, dentists, and related practitioners | 4 | — | 10 | — | 92 | — | — | — | 5 | — | 72 | 23 | 4 | — | 62 | 23 |
| Chiropractors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Dentists | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Optometrists | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Pharmacists | — | — | — | — | 48 | — | — | — | 5 | — | 5 | — | — | — | 5 | — |
| Physicians, medical and osteopathic | 4 | — | — | — | 5 | — | — | — | — | — | — | — | — | — | — | — |
| Podiatrists | — | — | — | — | 34 | — | — | — | — | — | 63 | 23 | — | — | 57 | 23 |
| Veterinarians | — | — | — | — | — | — | — | — | — | — | 4 | — | — | — | — | — |
| Health practitioners, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | | Transportation, communications, and other public utilities—Con. | | | | | | | | | | | |
|-------------------------|--------|---|--------|--------------------|--------|-------------------------------|--------|---------------------------------------|--------|-----------------------------------|--------|----------------------------|--------|
| | | Transportation—Con. | | | | Communications | | | Total | | | | |
| Warehousing and storage | | Water transportation | | Air transportation | | Pipelines, except natural gas | | Services incidental to transportation | | Radio broadcasting and television | | Telephone (wire and radio) | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| 5 | 5 | 6 | 39 | 5 | 165 | 10 | 27 | 21 | 407 | 5 | 24 | 16 | 372 |
| 5 | 5 | 6 | 39 | 5 | 10 | 10 | 27 | 6 | 3 | 5 | 24 | 6 | 3 |
| — | — | 6 | 39 | 5 | 155 | 10 | 27 | 9 | 404 | 5 | 24 | 4 | 369 |
| — | — | 3 | — | 33 | 17 | — | — | 6 | — | 5 | — | 6 | — |
| — | — | — | — | 16 | 13 | — | — | 9 | 49 | 5 | 13 | 4 | 30 |
| — | — | — | — | — | — | — | — | — | 30 | — | 6 | — | 24 |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | 3 | — | — | 4 | — | — | 4 | — | — | — | — | — |
| — | — | — | — | 17 | — | — | — | 4 | 7 | — | 7 | 4 | — |
| — | — | — | — | — | — | — | — | 5 | 12 | 5 | — | — | 6 |
| — | — | — | — | 8 | 5 | — | — | 52 | 4 | 43 | 4 | 9 | — |
| — | — | — | — | 4 | — | — | — | 25 | — | 25 | — | — | — |
| 41 | — | 41 | — | 4 | 5 | — | — | 27 | 4 | 18 | 4 | 9 | — |
| 41 | — | 41 | — | 415 | 20 | 35 | 10 | 1 | 286 | 179 | 24 | 898 | 256 |
| — | — | — | — | 400 | 20 | 30 | 10 | 1 | 276 | 133 | 24 | 873 | 246 |
| — | — | — | — | — | — | 5 | — | 4 | — | — | — | 4 | — |
| — | — | — | — | — | — | — | — | 51 | 5 | 41 | — | 10 | 5 |
| — | — | — | — | 15 | — | — | — | 5 | — | 5 | — | — | — |
| — | — | — | — | — | — | — | — | 11 | — | — | — | 11 | — |
| 5 | — | 4 | — | 7 | 6 | — | — | — | — | — | — | — | — |
| 5 | — | 4 | — | 7 | 6 | — | — | 34 | 88 | 28 | 12 | 6 | 76 |
| — | — | — | — | — | — | — | — | — | 73 | — | 5 | — | 68 |
| — | — | — | — | — | — | — | — | 34 | 15 | 28 | 7 | 6 | 8 |
| — | — | — | — | 96 | 40 | 5 | — | 218 | 113 | 16 | — | 187 | 102 |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | 10 | — | 10 | 197 | — | — | 5 | 30 | 5 | 30 | — | — |
| — | — | — | — | 1 927 | — | — | — | 203 | 250 | 14 | 5 | 179 | 232 |
| 62 | 19 | 1 055 | 25 | 2 056 | 112 | 408 | 5 | 18 615 | 3 677 | 10 711 | 320 | 5 935 | 3 304 |
| 6 | 4 | — | — | 4 | — | 10 | 14 | — | 5 | — | 5 | — | — |
| — | — | 5 | — | 24 | — | — | — | 19 | 15 | — | — | 12 | 10 |
| 5 | — | 69 | 13 | 239 | 17 | 180 | 5 | 1 935 | 2 493 | 117 | 18 | 1 670 | 2 457 |
| 9 | — | 54 | 3 | 1 119 | 46 | 101 | 58 | 15 099 | 421 | 10 306 | 277 | 3 167 | 123 |
| 11 | 8 | — | 4 | 148 | 8 | 8 | — | 44 | 43 | 27 | 5 | 11 | 38 |
| — | — | 5 | — | 16 | — | 9 | — | 18 | — | 7 | — | 5 | — |
| 4 | — | 669 | 5 | 67 | — | — | — | 102 | 5 | — | — | 5 | — |
| 27 | — | 247 | — | 434 | 37 | 63 | — | 106 | 33 | 9 | 5 | 97 | 24 |
| — | — | — | — | — | 4 | — | — | 292 | 662 | 245 | 10 | 968 | 647 |
| 43 | 6 | 552 | 5 | 42 169 | 499 | 158 | — | 6 063 | 391 | 4 243 | 184 | 982 | 161 |
| 9 | — | 10 | — | 37 294 | 372 | 75 | — | 70 | — | 30 | — | 26 | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | 5 | — | — | — | — | — | — | — | — | — |
| 24 | — | 527 | 5 | 4 104 | 88 | — | — | 104 | 5 | 4 | — | — | — |
| 5 | 6 | — | 5 | 305 | 23 | 6 | — | 8 | 262 | 4 068 | 5 | — | 189 |
| 5 | — | 10 | — | 438 | 11 | 72 | — | 15 | 17 | 141 | 6 | — | 10 |
| — | — | — | — | 15 | 5 | — | — | 1 508 | 107 | 25 | — | — | 752 |
| — | — | — | — | — | — | — | — | 49 | 21 | — | — | — | 19 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

[Data based on 20-percent sample, see text. For meaning of symbols, see text.]

| United States | | Transportation, communications, and other public utilities—Con. | | | | | | | | | | | | | | |
|--|-------------------------|---|----------------------|--------|--------------------|--------|-------------------------------|--------|---------------------------------------|--------|--------|--------|-----------------------------------|--------|----------------------------|--------|
| | | Transportation—Con. | | | | | Communications | | | | | | | | | |
| Occupation | Warehousing and storage | | Water transportation | | Air transportation | | Pipelines, except natural gas | | Services incidental to transportation | | Total | | Radio broadcasting and television | | Telephone (wire and radio) | |
| | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Professional, technical, and kindred workers—Continued | | | | | | | | | | | | | | | | |
| Writers, artists, and entertainers | 41 | 23 | 423 | 70 | 1 625 | 380 | 6 | 420 | 199 | 36 288 | 6 788 | 33 178 | 4 935 | 2 876 | 1 810 | |
| Actors | — | 5 | — | — | — | 10 | — | — | — | 385 | 276 | 385 | 270 | — | 6 | — |
| Athletes and kindred workers | — | — | 189 | — | 50 | — | — | 21 | — | 16 | 3 | 10 | — | 6 | — | — |
| Authors | — | — | — | — | 171 | 5 | — | 4 | 3 | 451 | 326 | 357 | 257 | 85 | 69 | — |
| Dancers | — | — | — | — | 5 | — | — | — | — | 23 | 17 | 13 | 17 | 10 | — | — |
| Designers | 7 | 4 | 16 | — | 115 | 4 | — | 45 | 6 | 896 | 148 | 224 | 23 | 648 | 125 | — |
| Editors and reporters | — | — | 10 | 8 | 106 | 43 | — | 18 | 27 | 7 117 | 2 289 | 6 850 | 1 965 | 235 | 317 | — |
| Musicians and composers | — | — | 37 | 14 | — | — | — | 6 | — | 449 | 111 | 433 | 99 | 16 | 12 | — |
| Painters and sculptors | 10 | 5 | 23 | 8 | 39 | 37 | — | 28 | 18 | 1 100 | 387 | 897 | 165 | 174 | 213 | — |
| Photographers | — | — | 23 | — | 74 | 11 | — | 16 | — | 1 327 | 52 | 1 223 | 37 | 79 | 15 | — |
| Public relations men and publicity writers | 24 | 9 | 137 | 29 | 830 | 210 | 11 | 199 | 120 | 2 294 | 1 323 | 801 | 461 | 1 447 | 851 | — |
| Radio and television announcers | — | — | 6 | 6 | 5 | 5 | — | 83 | 25 | 18 925 | 1 278 | 3 110 | 1 278 | 23 | 199 | — |
| Writers, artists, and entertainers, n.e.c. | 8 | — | 15 | — | 230 | 55 | — | 43 | 10 | 3 308 | 578 | 3 110 | 363 | 153 | 101 | — |
| Research workers, not specified | — | — | 295 | 22 | 509 | 118 | — | 85 | 50 | 392 | 292 | 166 | 180 | 194 | — | — |
| Professional, technical, and kindred workers—allocated | 13 791 | 1 178 | 26 253 | 754 | 19 954 | 1 364 | 23 | 14 629 | 12 542 | 66 960 | 12 294 | 18 770 | 3 109 | 43 781 | 8 128 | — |
| Managers and administrators, except farm | 69 | 14 | 96 | 5 | 595 | 23 | — | 102 | 21 | 538 | 197 | 211 | 38 | 271 | 148 | — |
| Assessors, controllers, and treasurers; local public administration | 116 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Bank officers and financial managers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Buyers and shippers, farm products | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Buyers, wholesale and retail trade | 19 | 5 | 21 | — | 47 | 24 | 11 | 17 | 11 | 106 | 49 | 31 | 3 | 57 | 34 | — |
| Credit men | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Federal directors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Health administrators | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Construction inspectors; public administration | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Inspectors, except construction; public administration | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Managers and superintendents, building | 56 | — | 14 | — | 36 | — | — | 16 | — | 80 | 11 | 46 | — | 30 | 11 | — |
| Office managers, n.e.c. | 936 | 482 | 468 | 74 | 604 | 201 | — | 665 | 443 | 2 682 | 1 937 | 160 | 331 | 2 099 | 1 294 | 9 |
| Officers, pilots, and pursers; ship | 26 | — | 15 955 | 143 | 30 | — | — | 144 | 5 | — | 9 | — | — | — | — | — |
| Officials and administrators; public administration, n.e.c. | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Officials of lodges, societies, and unions | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Postmasters and mail superintendents | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Purchasing agents and buyers, n.e.c. | 209 | — | 350 | 47 | 1 082 | 90 | 5 | 326 | 26 | 1 097 | 72 | 144 | 18 | 857 | 49 | — |
| Railroad conductors | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Restaurant, cafeteria, and bar managers | — | — | — | — | 66 | 4 | — | 4 | — | 14 | 77 | 4 | 4 | 10 | 63 | — |
| Sales managers and department heads, retail trade | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sales managers, except retail trade | 520 | — | 379 | 5 | 1 741 | 41 | — | 475 | 88 | 4 141 | 250 | 1 959 | 182 | 2 012 | 64 | — |
| School administrators, college | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| School administrators, elementary and secondary | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Managers and administrators, n.e.c., (excl. office managers, n.e.c.) | 11 764 | 615 | 8 658 | 470 | 15 366 | 943 | 18 | 12 795 | 11 942 | 58 092 | 9 679 | 16 061 | 2 514 | 38 445 | 6 456 | — |
| Salaries | 9 867 | 433 | 7 728 | 348 | 14 803 | 849 | 669 | 10 915 | 11 001 | 57 362 | 9 576 | 15 500 | 2 425 | 38 379 | 6 447 | — |
| Self-employed | 1 897 | 182 | 930 | 122 | 563 | 94 | 15 | 1 880 | 941 | 9 730 | 103 | 561 | 89 | 66 | 9 | — |
| Managers and administrators, except farm—allocated | 76 | 10 | 312 | 10 | 387 | 34 | — | 85 | 6 | 205 | 13 | 154 | 9 | — | — | — |
| Sales workers | 2 948 | 309 | 1 305 | 201 | 3 519 | 1 734 | 5 | 2 596 | 2 040 | 15 371 | 6 337 | 8 583 | 1 084 | 6 288 | 5 139 | — |
| Advertising agents and salesmen | — | 5 | 10 | — | 36 | 31 | — | 27 | — | 9 238 | 1 274 | 8 471 | 1 070 | 752 | 204 | — |
| Auctioneers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Demonstrators | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Hucksters and peddlers | — | — | — | — | 8 | — | — | — | — | — | — | — | — | — | — | — |
| Insurance agents, brokers, and underwriters | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Newsboys | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Real estate agents and brokers | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Real estate agents and salesmen | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Stock and bond salesmen | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Salesmen and sales clerks, n.e.c. | 2 870 | 268 | 1 174 | 192 | 3 259 | 1 646 | 5 | 2 507 | 2 022 | 5 973 | 5 036 | — | — | 5 532 | 4 935 | — |
| Sales workers—allocated | 78 | 31 | 121 | 4 | 216 | 57 | — | 28 | 18 | 1 46 | 22 | 102 | 9 | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| | Transportation, communications, and other public utilities—Con. | | | | | | | | | | | | | | | |
|--|---|--------|----------------------|-------|--------------------|--------|-------------------------------|-------|---------------------------------------|--------|---------|---------|------------------------------------|--------|----------------------------|---------|
| | Transportation—Con. | | | | | | Communications | | | | | | | | | |
| | Warehousing and storage | | Water transportation | | Air transportation | | Pipelines, except natural gas | | Services incidental to transportation | | Total | | Radio, broadcasting and television | | Telephone (wire and radio) | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Clerical and kindred workers | | | | | | | | | | | | | | | | |
| Bank tellers..... | 12 337 | 16 898 | 13 136 | 9 780 | 59 187 | 57 973 | 1 266 | 1 001 | 17 206 | 20 694 | 41 845 | 455 830 | 3 485 | 20 765 | 31 975 | 492 215 |
| Billing clerks..... | 124 | 431 | 240 | 158 | 91 | 209 | 11 | 21 | 158 | 226 | 251 | 3 270 | 16 | 207 | 222 | 2 911 |
| Bookkeepers..... | 1 203 | 3 933 | 969 | 1 400 | 1 098 | 3 415 | 154 | 63 | 1 102 | 2 914 | 2 069 | 18 198 | 415 | 3 381 | 1 375 | 13 493 |
| Cashiers..... | 48 | 100 | 144 | 94 | 253 | 418 | 10 | — | 6 123 | 1 281 | 196 | 3 907 | 8 | 60 | 149 | 3 673 |
| Clerical assistants, social welfare..... | 94 | 29 | 215 | 5 | 511 | 236 | 49 | 11 | 186 | 49 | 1 443 | 4 970 | 69 | 37 | 1 264 | 4 875 |
| Clerical supervisors, n.e.c..... | 306 | 268 | 43 | 14 | 41 | 24 | — | — | 14 | 5 | 340 | 1 015 | 16 | — | 319 | 1 170 |
| Collectors, bill and account..... | 598 | 73 | 113 | — | 153 | 164 | 20 | — | 48 | 91 | 631 | 6 878 | 48 | 34 | 550 | 6 773 |
| Counter clerks, except food..... | — | — | — | — | 417 | 43 | 20 | — | 253 | 39 | 628 | 957 | 11 | — | 577 | 934 |
| Dispatchers and starters, vehicle..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Enumerators and interviewers..... | — | — | — | — | 18 | 13 | — | — | 23 | 11 | 123 | 267 | 25 | 80 | 98 | 182 |
| Estimators and investigators, n.e.c..... | 298 | 143 | 330 | 37 | 871 | 360 | 48 | 5 | 293 | 223 | 2 750 | 7 452 | 121 | 63 | 2 503 | 7 254 |
| Expeditors and production controllers..... | 165 | 61 | 256 | 15 | 1 882 | 277 | 107 | 13 | 200 | 45 | 1 007 | 1 582 | 265 | 376 | 690 | 1 170 |
| File clerks..... | 157 | 410 | 307 | 272 | 400 | 809 | 18 | 31 | 343 | 537 | 831 | 9 669 | 71 | 252 | 675 | 9 157 |
| Insurance adjusters, examiners, and investigators..... | 10 | — | 32 | — | — | — | 7 | — | 9 | — | 8 | 26 | — | — | 8 | 26 |
| Library attendants and assistants..... | — | — | — | — | 11 | 39 | — | — | 6 | — | 34 | 165 | 21 | 17 | 8 | 148 |
| Mail carriers, post office..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mail handlers, except post office..... | 95 | 90 | 234 | 16 | 545 | 82 | — | — | 209 | 139 | 1 296 | 1 659 | 282 | 97 | 936 | 1 431 |
| Messengers, including telegraph, and office boys..... | 50 | 8 | 82 | 5 | 89 | 33 | 13 | — | 319 | 4 | 2 791 | 5 774 | 266 | 20 | 397 | 1 190 |
| Meter readers, utilities..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Office machine operators..... | 187 | 627 | 126 | 400 | 1 213 | 2 112 | 58 | 107 | 268 | 597 | 1 691 | 11 129 | 170 | 421 | 1 344 | 10 466 |
| Bookkeeping and billing machine..... | 23 | 100 | 21 | 44 | 24 | 117 | — | — | 41 | 55 | 75 | 617 | 4 | 68 | 65 | 515 |
| Calculating machine..... | 17 | 37 | 37 | 38 | 20 | 45 | — | — | 4 | 65 | 27 | 762 | 15 | 15 | 27 | 722 |
| Computer and peripheral equipment..... | 72 | 63 | 37 | 23 | 892 | 267 | 54 | — | 105 | 44 | 992 | 2 311 | 71 | 40 | 765 | 2 239 |
| Duplicating machine..... | 14 | — | 14 | — | 20 | 28 | — | — | 15 | 10 | 107 | 375 | 43 | 39 | 64 | 332 |
| Keypunch..... | 47 | 400 | 48 | 283 | 151 | 1 600 | — | — | 67 | 386 | 378 | 6 435 | 33 | 237 | 334 | 6 064 |
| Tabulating machine..... | — | — | — | — | — | 9 | — | — | 25 | — | 32 | 290 | — | 5 | 28 | 279 |
| Office machine, n.e.c..... | 28 | 8 | 6 | — | 38 | 9 | — | — | 11 | 37 | 80 | 339 | 19 | 17 | 61 | 315 |
| Payroll and timekeeping clerks..... | 65 | 198 | 496 | 249 | 155 | 398 | 9 | 11 | 120 | 103 | 236 | 3 768 | 67 | 125 | 137 | 3 430 |
| Postal clerks..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Proofreaders..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Real estate appraisers..... | 12 | 209 | 17 | 196 | 61 | 822 | 5 | — | 59 | 497 | 161 | 2 889 | 61 | 185 | 100 | 1 613 |
| Receptionists..... | 170 | 4 925 | 169 | 3 897 | 170 | 10 488 | 8 | 423 | 212 | 6 218 | 440 | 31 521 | 129 | 10 060 | 283 | 19 494 |
| Secretaries..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Legal..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Medical..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Shipping and receiving clerks..... | 5 | 5 | — | — | 10 | 33 | — | — | 5 | 10 | 4 | 129 | — | 53 | 4 | 67 |
| Statistical clerks..... | 4 510 | 495 | 4 844 | 286 | 1 667 | 1 69 | 40 | 5 | 1 849 | 288 | 538 | 560 | 5 | 8 | 5 | 26 |
| Stenographers..... | 180 | 202 | 359 | 150 | 1 497 | 972 | 292 | — | 354 | 175 | 2 462 | 16 169 | 166 | 140 | 368 | 458 |
| Stock clerks and storekeepers..... | 6 | 98 | 5 | 193 | 6 | 280 | 78 | — | 10 | 343 | 50 | 2 855 | 84 | 84 | 2 232 | 15 743 |
| Teacher aides, except school monitors..... | 2 228 | 685 | 631 | 35 | 4 520 | 387 | 38 | 5 | 209 | 30 | 3 164 | 6 225 | 116 | 14 | 2 878 | 2 726 |
| Telephone operators..... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Telephone operators..... | — | — | 20 | — | 22 | 20 | — | — | 12 | — | 1 022 | 2 072 | 15 | 16 | 118 | 513 |
| Ticker, station, and express agents..... | — | — | 18 | 412 | 54 | 463 | 18 | — | 40 | 312 | 9 249 | 229 371 | 122 | 788 | 9 022 | 227 117 |
| Typists..... | 85 | 25 | 997 | 240 | 39 055 | 28 893 | 36 | — | 1 395 | 2 284 | 2 020 | 26 197 | 143 | 1 535 | 558 | 21 588 |
| Weights..... | 417 | 57 | 379 | 1 097 | 719 | 3 828 | 14 | 74 | 585 | 2 436 | 2 020 | 26 197 | 143 | 1 535 | 558 | 21 588 |
| Miscellaneous clerical workers..... | 338 | 420 | 667 | 161 | 2 041 | 1 205 | 7 | — | 336 | 31 | 4 | 39 165 | 523 | 944 | 4 | 37 853 |
| Not specified clerical workers..... | 717 | 1 299 | 1 196 | 377 | 1 274 | 1 514 | 134 | 67 | 1 218 | 1 124 | 2 409 | 28 758 | 196 | 684 | 2 156 | 27 381 |
| Clerical and kindred workers—allocated..... | 68 | 77 | 140 | 51 | 278 | 295 | — | — | 48 | 169 | 85 | 162 | 53 | 101 | — | — |
| Craftsman and kindred workers | | | | | | | | | | | | | | | | |
| Automobile accessories installers..... | 11 055 | 348 | 14 779 | 160 | 85 157 | 1 407 | 3 748 | 57 | 5 719 | 197 | 286 643 | 11 325 | 5 251 | 242 | 272 210 | 10 776 |
| Bakers..... | 14 | — | 116 | — | — | 4 | — | — | 6 | — | — | — | — | — | — | — |
| Blacksmiths..... | 5 | — | — | — | 90 | — | — | — | 23 | — | — | — | — | — | — | — |
| Boilermakers..... | 14 | — | 66 | — | — | — | — | — | 10 | — | — | — | — | — | — | — |
| Bookbinders..... | 4 | — | 6 | — | 5 | — | — | — | 4 | — | — | — | — | — | — | — |
| Brickmasons and stonemasons..... | 15 | — | 15 | — | 5 | — | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | | Transportation, communications, and other public utilities - Con. | | | | | | | | | | | | | | | | | |
|--|--------|---|--------|----------------------|--------|--------------------|----------------|-------------------------------|--------|---------------------------------------|--------|-------|--------|-----------------------------------|--------|----------------------------|--------|---|---|
| | | Transportation - Con. | | | | | Communications | | | | | | | | | | | | |
| | | Warehousing and storage | | Water transportation | | Air transportation | | Pipelines, except natural gas | | Services incidental to transportation | | Total | | Radio broadcasting and television | | Telephone (wire and radio) | | | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | | |
| Craftsmen and kindred workers - Continued | | | | | | | | | | | | | | | | | | | |
| 141 | - | 212 | - | 128 | 6 | 18 | - | 28 | - | 56 | 5 | - | - | - | 56 | 5 | - | - | |
| 52 | - | 34 | - | 34 | - | 10 | - | 5 | - | 22 | 4 | - | - | - | 17 | - | - | - | |
| 295 | - | 1 624 | 35 | 337 | 5 | 10 | 4 | 259 | 6 | 585 | 4 | - | - | 245 | - | - | - | - | |
| 15 | - | 6 | - | 10 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | - | 6 | - | 6 | - | - | - | 6 | - | 15 | - | - | - | 9 | - | - | - | - | |
| 44 | 14 | 31 | 6 | 68 | 4 | 10 | 5 | 43 | 28 | 296 | 106 | 24 | 24 | 162 | 73 | - | - | - | |
| 162 | 4 | 1 986 | 15 | 32 | 5 | 10 | 5 | 122 | 16 | 65 | 6 | - | - | 18 | - | - | - | - | |
| - | - | 4 | 6 | 5 | - | - | - | - | - | 16 | 6 | - | - | 16 | 6 | - | - | - | |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 194 | - | 885 | 7 | 2 381 | 56 | 173 | 7 | 371 | - | 1 536 | 13 | 2 | 2 | 1 035 | 11 | - | - | - | |
| - | - | 10 | - | 7 | 4 | 10 | - | 5 | 5 | 1 600 | 52 | 5 | 5 | 1 365 | 47 | - | - | - | |
| - | 6 | - | 5 | 5 | - | 6 | - | - | - | 4 | 8 | - | - | 5 | 8 | - | - | - | |
| - | - | - | - | 5 | - | - | - | - | - | 4 | 5 | - | - | 5 | 5 | - | - | - | |
| 45 | - | 154 | 3 | 146 | 8 | 63 | - | 92 | - | 188 | 12 | - | - | 166 | - | - | - | - | |
| 10 | - | - | - | - | - | - | - | - | - | 25 | - | - | - | 25 | - | - | - | - | |
| 5 806 | 136 | 2 739 | 33 | 8 187 | 240 | 799 | 6 | 1 628 | 77 | 20 066 | 3 345 | 58 | 58 | 18 385 | 3 118 | - | - | - | |
| - | - | 3 | - | 17 | - | - | - | 6 | - | 61 | 23 | - | - | 6 | 23 | - | - | - | |
| 5 | - | - | - | - | - | - | - | 6 | - | - | - | - | - | - | - | - | - | - | |
| - | - | 6 | - | 9 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | 21 | - | 12 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 3 | - | 403 | - | 228 | - | 259 | - | 486 | 16 | 1 244 | 513 | - | - | 1 118 | 508 | - | - | - | |
| 246 | 139 | - | - | 9 | - | - | - | - | 4 | - | - | - | - | - | - | - | - | - | |
| 4 | - | 8 | - | 21 | - | - | - | 22 | - | 33 | - | - | - | 33 | - | - | - | - | |
| 4 | - | - | - | - | - | - | - | 9 | - | 9 | - | - | - | 5 | - | - | - | - | |
| - | - | 270 | - | 1 361 | 17 | 64 | 5 | 104 | 5 | 217 | 16 | - | - | 154 | 10 | - | - | - | |
| 76 | - | 3 473 | 26 | 66 903 | 894 | 706 | 11 | 1 647 | 21 | 9 348 | 315 | 76 | 76 | 5 552 | 219 | - | - | - | |
| 2 244 | 18 | 92 | - | 425 | - | 8 | - | 153 | 5 | 554 | 6 | - | - | 500 | - | - | - | - | |
| 223 | - | 5 | 3 | 59 034 | 734 | 26 | - | 62 | - | 20 | 4 | - | - | 16 | 6 | - | - | - | |
| 9 | - | - | - | 57 | - | - | - | 7 | - | 4 | - | - | - | 4 | 4 | - | - | - | |
| 10 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 901 | 11 | 286 | - | 1 429 | 25 | 66 | - | 394 | 5 | 1 827 | 38 | 4 | 4 | 1 761 | 38 | - | - | - | |
| 20 | 7 | - | - | 60 | - | 5 | - | 5 | - | 350 | 13 | - | - | 245 | 13 | - | - | - | |
| 849 | - | 6 | - | - | - | - | - | 4 | - | 4 | 4 | - | - | 4 | 4 | - | - | - | |
| 42 | - | 2 173 | 17 | 1 283 | 8 | 388 | 6 | 391 | 6 | 1 204 | 19 | 5 | 5 | 832 | 9 | - | - | - | |
| - | - | 15 | - | 36 | - | 65 | - | 52 | - | 217 | 27 | - | - | 72 | 27 | - | - | - | |
| - | - | - | - | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| - | - | 9 | - | 9 | - | - | - | 4 | - | 299 | - | - | - | 6 | - | - | - | - | |
| 10 | - | 76 | - | 2 402 | 75 | 29 | - | 20 | - | 3 974 | 157 | 66 | 66 | 1 882 | 85 | - | - | - | |
| - | - | 9 | - | 22 | - | 10 | - | 366 | - | 13 | - | - | - | 7 | - | - | - | - | |
| 111 | - | 695 | 6 | 1 955 | 52 | 44 | - | 106 | 5 | 611 | 32 | 5 | 5 | 434 | 23 | - | - | - | |
| 69 | - | 116 | - | 134 | - | 60 | 5 | 87 | - | 275 | 19 | - | - | 63 | 14 | - | - | - | |
| 4 | - | - | - | 6 | - | - | - | - | - | - | - | - | - | 44 | - | - | - | - | |
| 38 | - | 5 | - | 28 | - | 5 | - | 16 | - | 27 | - | - | - | 27 | - | - | - | - | |
| - | - | 10 | - | 5 | - | - | - | - | - | 15 | - | - | - | 11 | - | - | - | - | |
| - | - | 8 | - | 8 | - | - | - | - | - | 5 | - | - | - | 5 | - | - | - | - | |
| 165 | - | 526 | 12 | 1 007 | 31 | 28 | - | 226 | - | 222 | 6 | - | - | 85 | 6 | - | - | - | |
| - | - | 7 | - | 16 | - | - | - | - | - | 26 | 5 | - | - | 6 | 5 | - | - | - | |
| - | - | - | - | 6 | - | - | - | - | - | 23 | 5 | - | - | 12 | 5 | - | - | - | |
| - | - | - | - | 6 | - | - | - | 4 | - | 6 | - | - | - | 6 | - | - | - | - | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| | Transportation, communications, and other public utilities - Con. | | | | | | | | | | | | | | | | |
|--|---|------|----------------------|------|--------------------|------|-------------------------------|------|---------------------------------------|------|--------|------|-----------------------------------|------|----------------------------|------|--------|
| | Transportation - Con. | | | | | | Communications | | | | | | | | | | |
| | Warehousing and storage | | Water transportation | | Air transportation | | Pipelines, except natural gas | | Services incidental to transportation | | Total | | Radio broadcasting and television | | Telephone (wire and radio) | | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| United States | | | | | | | | | | | | | | | | | |
| Craftsmen and kindred workers - Continued | | | | | | | | | | | | | | | | | |
| Plumbers and pipe fitters | 67 | 6 | 90 | 4 | 206 | 4 | 194 | 6 | 99 | 2 | 133 | 72 | 106 | 2 | 040 | 106 | 97 |
| Power station operators | 10 | 5 | 10 | 21 | 20 | 17 | 26 | 9 | 6 | 9 | 251 | 63 | 102 | 3 | 153 | 97 | 110 |
| Pressmen and plate printers, printing | | | | | 113 | | 9 | | 28 | | | | 129 | | | | |
| Rollers and finishers, metal | | | | | | | | | | | | | | | | | |
| Roofers and slaters | | | 21 | | 2 | 39 | | | 18 | | 20 | | 8 | | 9 | 3 | |
| Sheetmetal workers and fimsmiths | | | 46 | | | | | | | | 11 | | | | 8 | | |
| Shipfitters | | | | | 5 | | | | | | 5 | | 10 | | 5 | | 5 |
| Shoe repairmen | 5 | | | | 12 | | | | 5 | | | | | | | | |
| Sign painters and letterers | | | | | | | | | | | | | | | | | |
| Stationary engineers | 627 | | 952 | 5 | 351 | 7 | 1 | 301 | 13 | 180 | 10 | 452 | 34 | 586 | 24 | | |
| Stone cutters and stone carvers | | | | | | | | | | 17 | | | | | | | |
| Structural metal craftsmen | 233 | | 6 | | | | | | | | | | | | | | |
| Tailors | 19 | | 6 | | 32 | | | | 5 | | | 224 | 23 | 193 | 85 | 4 | |
| Telephone installers and repairmen | | | | | | | 14 | | | | | 200 | 626 | 45 | 612 | 605 | |
| Telephone linemen and splicers | | | | | | | | | | | | | | | | | |
| Tile setters | 6 | | 10 | | 95 | | | | 4 | | | 16 | 5 | 61 | 5 | | |
| Tool and die makers | 10 | | 364 | 9 | 230 | 38 | 15 | | 4 | | | 10 | 47 | 1 | 674 | 42 | |
| Upholsterers | 118 | | 661 | | 610 | 18 | 38 | | 144 | | 178 | 119 | 23 | | | | |
| Craftsmen and kindred workers, n.e.c. | 267 | 4 | | | | | | | | | | | | | | | |
| Craftsmen and kindred workers - allocated | | | | | | | | | | | | | | | | | |
| Operatives, except transport | | | | | | | | | | | | | | | | | |
| Asbestos and insulation workers | 8 | 929 | 24 | 371 | 16 | 928 | 846 | 1 | 706 | 37 | 1 | 613 | 466 | 3 | 509 | 2 | 731 |
| Assemblers | 23 | 23 | | | 5 | | 10 | | | | | 15 | 51 | 29 | 29 | 1 | 686 |
| Blasters and powdermen | 39 | | 23 | 16 | 138 | 46 | 9 | | | | 18 | | | 5 | 20 | 158 | 386 |
| Bottling and canning operatives | | | | | | | | | | | | | | | | | |
| Chainmen, rodmen, and axmen; surveying | | | | | | | | | | | | | | | | | |
| Checkers, examiners, and inspectors; manufacturing | | | 11 | | | | | | | | | | | | | | |
| Clothing ironers and pressers | 6 | | 12 | | | | | | | | | | | | | | |
| Cutting operatives, n.e.c. | 64 | 19 | 4 | | 11 | 9 | 13 | | 6 | | | | 12 | | 31 | 12 | |
| Dressmakers and seamstresses, except factory | 43 | 41 | 12 | | 20 | 49 | | | | | | | 24 | | 10 | 6 | |
| Drillers, earth | | | | | 6 | | 5 | | | | | | | | 4 | | |
| Dry wall installers and lathers | | | 5 | | | | | | | | | | | | | | |
| Dyers | 4 | | | | | | | | | | | | | | | | |
| Filers, polishers, sanders, and buffers | 31 | | 15 | | 70 | | | | 28 | | | | 15 | | 6 | | 11 |
| Furnacemen, smeltermen, and pourers | 4 | | | | | | | | | | | | | | | | |
| Garage workers and gas station attendants | 15 | | 88 | 6 | 78 | | | | 23 | | | | 5 | | 206 | 5 | |
| Graders and sorters, manufacturing | | | | | | | | | | | | | | | | | |
| Produce graders and packers, except factory and farm | 311 | 724 | 8 | | | | | | | | | | | | | | |
| Heaters, metal | 11 | | 16 | | 31 | 11 | | | 5 | | | | | | 4 | | |
| Laundry and drycleaning operatives, n.e.c. | | | | | | | | | | | | | | | | | |
| Meat cutters and butchers | 2 | 066 | 12 | | 3 | 4 | | | 12 | | | | | | 4 | | |
| Meat wrappers, retail trade | | | | | | | | | | | | | | | | | |
| Metal platers | | | | | 206 | 3 | | | | | | | | | | | |
| Milliners | | | | | | | | | | | | | | | | | |
| Mine operatives, n.e.c. | 79 | 13 | 6 | | 4 | | 5 | | | | | | 7 | | 5 | | |
| Mixing operatives | 49 | | 1 | 1799 | 4 | | 48 | | 58 | | | | 38 | | 6 | | 25 |
| Oilers and greasers, except auto | 2 | 991 | 6 | 10 | 144 | | 18 | | 260 | | | | 4 | | 10 | | 74 |
| Packers and wrappers, except meat and produce | 29 | | 6 | 10 | 25 | | 5 | | 21 | | | | 153 | | 8 | | 105 |
| Painters, manufactured articles | | | | | 151 | | 8 | | 23 | | | | 17 | | 6 | | 17 |
| Photographic process workers | 54 | | 8 | | 25 | | | | 5 | | | | 4 | | 85 | | 40 |
| Precision machine operatives | 11 | | | | 26 | | | | 14 | | | | 9 | | 20 | | 11 |
| Drill press operatives | 13 | | 15 | | 81 | | | | 5 | | | | 5 | | 5 | | 5 |
| Grinding machine operatives | 26 | | | | | | | | | | | | | | | | |
| Lathe and milling machine operatives | | | | | | | | | | | | | | | | | |
| Precision machine operatives, n.e.c. | 4 | | 5 | | 19 | | | | 4 | | | | 11 | | 11 | | 17 |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text.)

| United States | | Transportation, communications, and other public utilities - Con. | | | | | | | | | | | | | | | | |
|--|--------|---|--------|----------------------|--------|--------------------|----------------|-------------------------------|--------|---------------------------------------|--------|-------|--------|-----------------------------------|--------|----------------------------|--------|--|
| | | Transportation - Con. | | | | | Communications | | | | | | | | | | | |
| | | Warehousing and storage | | Water transportation | | Air transportation | | Pipelines, except natural gas | | Services incidental to transportation | | Total | | Radio broadcasting and television | | Telephone (wire and radio) | | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | |
| Farmers and farm managers | | | | | | | | | | | | | | | | | | |
| Farm laborers and farm foremen | | | | | | | | | | | | | | | | | | |
| Farm foremen | | | | | | | | | | | | | | | | | | |
| Farm laborers, wage workers | | | | | | | | | | | | | | | | | | |
| Farm laborers, unpaid family workers | | | | | | | | | | | | | | | | | | |
| Farm service laborers, self-employed | | | | | | | | | | | | | | | | | | |
| Farm laborers and farm foremen - allocated | | | | | | | | | | | | | | | | | | |
| Service workers, except private household | | | | | | | | | | | | | | | | | | |
| Cleaning service workers | | | | | | | | | | | | | | | | | | |
| Chambermaids and maids, except private household | | | | | | | | | | | | | | | | | | |
| Cleaners and charwomen | | | | | | | | | | | | | | | | | | |
| Janitors and sextons | | | | | | | | | | | | | | | | | | |
| Food service workers | | | | | | | | | | | | | | | | | | |
| Bartenders | | | | | | | | | | | | | | | | | | |
| Busboys | | | | | | | | | | | | | | | | | | |
| Cooks, except private household | | | | | | | | | | | | | | | | | | |
| Dishwashers | | | | | | | | | | | | | | | | | | |
| Food counter and fountain workers | | | | | | | | | | | | | | | | | | |
| Waiters | | | | | | | | | | | | | | | | | | |
| Food service workers, n.e.c., except private household | | | | | | | | | | | | | | | | | | |
| Health service workers | | | | | | | | | | | | | | | | | | |
| Dental assistants | | | | | | | | | | | | | | | | | | |
| Health aides, except nursing | | | | | | | | | | | | | | | | | | |
| Health trainees | | | | | | | | | | | | | | | | | | |
| Lay midwives | | | | | | | | | | | | | | | | | | |
| Nursing aides, orderlies, and attendants | | | | | | | | | | | | | | | | | | |
| Practical nurses | | | | | | | | | | | | | | | | | | |
| Personal service workers | | | | | | | | | | | | | | | | | | |
| Airline stewardesses | | | | | | | | | | | | | | | | | | |
| Attendants, recreation and amusement | | | | | | | | | | | | | | | | | | |
| Attendants, personal service, n.e.c. | | | | | | | | | | | | | | | | | | |
| Baggage porters and bellhops | | | | | | | | | | | | | | | | | | |
| Barbers | | | | | | | | | | | | | | | | | | |
| Boarding and lodging house keepers | | | | | | | | | | | | | | | | | | |
| Bootblacks | | | | | | | | | | | | | | | | | | |
| Child care workers, except private household | | | | | | | | | | | | | | | | | | |
| Elevator operators | | | | | | | | | | | | | | | | | | |
| Hairdressers and cosmetologists | | | | | | | | | | | | | | | | | | |
| Housekeepers, except private household | | | | | | | | | | | | | | | | | | |
| School monitors | | | | | | | | | | | | | | | | | | |
| Ushers, recreation and amusement | | | | | | | | | | | | | | | | | | |
| Welfare service aides | | | | | | | | | | | | | | | | | | |
| Protective service workers | | | | | | | | | | | | | | | | | | |
| Crossing guards and bridge tenders | | | | | | | | | | | | | | | | | | |
| Firemen, fire protection | | | | | | | | | | | | | | | | | | |
| Guards and watchmen | | | | | | | | | | | | | | | | | | |
| Marshals and constables | | | | | | | | | | | | | | | | | | |
| Policemen and detectives | | | | | | | | | | | | | | | | | | |
| Sheriffs and bailiffs | | | | | | | | | | | | | | | | | | |
| Service workers, except private household - allocated | | | | | | | | | | | | | | | | | | |
| Private household workers | | | | | | | | | | | | | | | | | | |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970—Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| Communications— Con. | | Transportation, communications, and other public utilities—Con. | | | | | | | | | | | |
|--|--------|---|--------|---|------------------------------|------------------------------|--------|---------------|--------|--------------------|--------|---------------|--------|
| | | Utilities and sanitary services | | | | | | | | | | | |
| | | Electric light and power and electric-gas utilities | | | Gas and steam supply systems | | | Water supply | | | | | |
| | | Government workers | | Other workers | | Government workers | | Other workers | | Government workers | | Other workers | |
| | | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| Telegraph and miscellaneous communication services | | Total | | Electric light and power and electric-gas utilities | | Gas and steam supply systems | | Water supply | | Government workers | | Other workers | |
| Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| 11 | — | — | 373 | — | 64 | — | — | — | — | — | — | — | 11 |
| — | — | — | 5 | — | — | — | — | — | — | — | — | — | — |
| 11 | — | — | 364 | — | 64 | — | — | — | — | — | — | — | 11 |
| — | — | — | 4 | — | — | — | — | — | — | — | — | — | — |
| 6 | — | 463 | 39 | 10 | — | — | — | — | — | — | — | — | — |
| — | — | 11 | 24 | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | 5 | — | — | — | — | — | — | — | — | — | — |
| — | — | — | 5 | — | — | — | — | — | — | — | — | — | — |
| — | — | — | 10 | — | — | — | — | — | — | — | — | — | — |
| 6 | — | 447 | 10 | 10 | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 98 | — | 1 017 | 456 | 49 | 13 | — | — | — | — | — | — | — | — |
| 98 | — | 957 | 439 | 49 | 13 | — | — | — | — | — | — | — | — |
| — | — | — | 17 | — | — | — | — | — | — | — | — | — | — |
| — | — | — | 14 | — | — | — | — | — | — | — | — | — | — |
| — | — | — | 6 | — | — | — | — | — | — | — | — | — | — |
| — | — | — | 17 | — | — | — | — | — | — | — | — | — | — |
| — | — | — | 5 | — | — | — | — | — | — | — | — | — | — |
| — | — | — | 92 | — | — | — | — | — | — | — | — | — | — |
| — | — | — | 81 | — | — | — | — | — | — | — | — | — | — |
| — | — | — | 11 | — | — | — | — | — | — | — | — | — | — |
| — | — | — | 3 | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 15 | — | 78 | 31 | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 10 | — | 153 | 5 | 6 | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 1 969 | 53 | 20 618 | 1 153 | 1 947 | 163 | — | — | — | — | — | — | — | — |
| — | — | — | 11 | — | — | — | — | — | — | — | — | — | — |
| 7 | — | 936 | 70 | 70 | — | — | — | — | — | — | — | — | — |
| 148 | 18 | 9 180 | 760 | 800 | 98 | — | — | — | — | — | — | — | — |
| 1 626 | 21 | 3 952 | 54 | 414 | 7 | — | — | — | — | — | — | — | — |
| — | — | — | 115 | 10 | — | — | — | — | — | — | — | — | — |
| — | — | — | 5 | — | — | — | — | — | — | — | — | — | — |
| 97 | 4 | 11 | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | 15 | 241 | 10 | — | — | — | — | — | — | — | — |
| 79 | 5 | 3 576 | 254 | 412 | 48 | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 858 | 46 | 2 565 | 274 | 112 | 45 | — | — | — | — | — | — | — | — |
| 6 | — | 240 | — | 16 | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 237 | 46 | 820 | 222 | 67 | 45 | — | — | — | — | — | — | — | — |
| — | — | — | 16 | — | — | — | — | — | — | — | — | — | — |
| 615 | 5 | 1 489 | 48 | 29 | — | — | — | — | — | — | — | — | — |
| — | — | — | 4 | — | — | — | — | — | — | — | — | — | — |

Table 8. Detailed Occupation of Employed Persons by Detailed Industry and Sex: 1970 - Continued

(Data based on 20-percent sample, see text. For meaning of symbols, see text)

| United States | | Transportation, communications, and other public utilities - Con. | | | | | | | | | | | |
|-----------------------|--------|---|--------|---|---------------|------------------------------|--------|--------------------|---------------|-------|--------|-------|--------|
| Communications - Con. | | Utilities and sanitary services | | | | | | | | | | | |
| Male | Female | Total | | Electric light and power and electric-gas utilities | | Gas and steam supply systems | | Water supply | | Male | Female | Male | Female |
| | | Male | Female | Government workers | Other workers | Male | Female | Government workers | Other workers | | | | |
| 234 | 43 | 5 016 | 519 | 299 | 45 | 3 529 | 264 | 620 | 135 | 194 | 29 | 191 | 36 |
| - | - | 9 | - | - | - | 9 | - | - | - | - | - | - | - |
| 9 | - | 4 | - | 11 | - | 4 | 7 | - | - | 18 | 5 | - | 6 |
| - | - | 61 | 18 | - | - | 28 | - | 6 | - | - | - | - | - |
| - | - | 17 | 43 | 74 | 17 | 1 054 | 35 | 74 | 11 | 20 | 9 | 5 | 4 |
| 24 | 7 | 370 | 78 | 30 | 17 | 237 | 35 | 38 | 13 | 14 | 9 | 41 | 4 |
| - | - | 29 | - | 6 | - | 18 | - | 32 | 10 | 17 | 5 | 9 | 6 |
| 29 | 9 | 287 | 40 | 22 | - | 192 | 19 | 32 | 10 | 17 | 5 | 9 | 6 |
| 25 | 11 | 316 | 10 | 40 | - | 185 | 5 | 38 | 5 | 32 | 10 | 10 | - |
| 46 | 11 | 2 467 | 304 | 106 | 28 | 1 729 | 154 | 416 | 96 | 77 | 10 | 50 | 6 |
| 24 | 73 | 73 | 5 | 5 | - | 5 | - | 16 | - | 6 | - | 62 | 5 |
| 45 | 16 | 21 | 112 | 10 | 12 | 57 | 12 | 16 | - | 10 | - | 14 | 9 |
| 32 | 11 | 286 | 24 | 25 | 11 | 119 | 11 | 73 | - | 16 | - | 5 | 5 |
| 47 | 18 | 1 259 | 185 | 114 | 16 | 665 | 84 | 163 | 26 | 130 | 18 | 44 | 9 |
| 4 409 | 1 057 | 48 030 | 1 968 | 3 131 | 186 | 21 668 | 684 | 7 713 | 314 | 6 646 | 219 | 2 466 | 245 |
| 56 | 11 | 619 | 60 | 28 | 15 | 372 | 19 | 102 | 6 | 6 | - | 54 | 20 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 18 | 12 | 625 | 86 | 44 | 9 | 402 | 49 | 122 | 28 | 14 | - | 21 | - |
| 5 | - | 6 | - | 6 | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | - | 96 | - | 26 | - | 39 | - | 20 | - | 5 | - | - | - |
| 423 | 312 | 2 761 | 711 | 259 | 70 | 1 513 | 234 | 512 | 112 | 211 | 134 | 128 | 94 |
| - | - | 60 | - | 6 | - | 33 | - | 10 | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 96 | 5 | 3 963 | 140 | 280 | 22 | 2 758 | 76 | 600 | 23 | 118 | 5 | 54 | - |
| - | - | 39 | 17 | - | - | 34 | 11 | - | 6 | 5 | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 170 | 4 | 1 577 | 15 | 29 | - | 1 011 | 3 | 442 | - | 5 | - | 31 | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 586 | 709 | 37 181 | 917 | 2 395 | 70 | 14 928 | 285 | 5 766 | 139 | 6 173 | 80 | 2 128 | 131 |
| 3 483 | 704 | 35 969 | 869 | 2 395 | 70 | 14 928 | 285 | 5 621 | 139 | 6 173 | 80 | 1 867 | 118 |
| 103 | 5 | 1 212 | 48 | - | - | - | - | 145 | - | - | - | 161 | 13 |
| 51 | 4 | 1 103 | 22 | 58 | - | 578 | 7 | 139 | - | 109 | - | 50 | - |
| 500 | 114 | 12 662 | 1 555 | 346 | 25 | 8 200 | 1 076 | 3 125 | 365 | 118 | 50 | 372 | 23 |
| 15 | - | 122 | 5 | 17 | - | 56 | - | 10 | - | 5 | - | 30 | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | 27 | 413 | - | 11 | 21 | 299 | - | 103 | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 441 | 101 | 11 777 | 1 039 | 293 | 14 | 7 744 | 705 | 2 974 | 242 | 47 | 39 | 331 | 23 |
| 44 | 13 | 736 | 98 | 36 | - | 379 | 67 | 141 | 20 | 66 | 11 | 11 | - |