

TABLE R9. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected natures of injury or illness,1998

| Occupation | Occupation code ² | Total cases | Nature of injury or illness ³ | | | | | | |
|---|------------------------------|-------------|--|-----------|-----------------|---------|------------|----------------|-------------|
| | | | Sprains, strains | Fractures | Cuts, punctures | Bruises | Heat burns | Chemical burns | Amputations |
| Private industry | | 1,730,534 | 760,024 | 115,438 | 160,788 | 153,108 | 28,359 | 11,695 | 10,243 |
| Managerial and professional specialty | | 98,941 | 48,343 | 7,786 | 3,856 | 7,831 | 729 | 275 | 299 |
| Executive, administrative, managerial | | 40,426 | 16,825 | 4,165 | 1,954 | 3,084 | 585 | 123 | 229 |
| Financial managers | 007 | 1,108 | 444 | 265 | - | 62 | - | - | - |
| Personnel and labor relations | 008 | 138 | 53 | - | - | - | - | - | - |
| Purchasing managers | 009 | 177 | 110 | 18 | - | - | - | - | - |
| Managers, marketing, advertising, public relations | 013 | 1,524 | 511 | 174 | 136 | 74 | - | - | - |
| Administrators, education | 014 | 514 | 194 | 50 | 17 | - | - | - | - |
| Managers, medicine and health | 015 | 1,538 | 705 | 66 | 19 | 200 | - | - | - |
| Managers, food and lodging | 017 | 4,700 | 1,828 | 360 | 185 | 147 | 345 | 80 | - |
| Managers, properties, real estate .. | 018 | 955 | 226 | 128 | 86 | - | - | - | - |
| Funeral directors | 019 | 171 | 41 | 104 | - | - | - | - | - |
| Managers, service organizations, n.e.c. | 021 | 1,407 | 673 | 114 | 51 | 146 | - | - | - |
| Managers and administrators, n.e.c. | 022 | 17,793 | 7,417 | 1,877 | 1,056 | 1,481 | 206 | - | 180 |
| Accountants and auditors | 023 | 1,345 | 476 | 126 | 18 | 153 | - | - | - |
| Underwriters | 024 | 39 | - | - | - | - | - | - | - |
| Other financial officers | 025 | 839 | 239 | 85 | - | 59 | - | - | - |
| Management analysts | 026 | 235 | 173 | - | - | - | - | - | - |
| Personnel, training, labor relations | 027 | 789 | 357 | 80 | - | 42 | - | - | - |
| Purchasing agents, buyers, farm products | 028 | 113 | 56 | - | - | - | - | - | - |
| Buyers, wholesale, retail, except farm products | 029 | 2,050 | 1,196 | 128 | 53 | 176 | - | - | - |
| Purchasing agents and buyers, n.e.c. | 033 | 599 | 218 | 68 | - | 75 | - | - | - |
| Business and promotion agents | 034 | 226 | 53 | 18 | 123 | - | - | - | - |
| Construction inspectors | 035 | 96 | 65 | - | - | - | - | - | - |
| Inspectors and compliance officers, except construction | 036 | 361 | 127 | 49 | 16 | - | - | - | - |
| Management related, n.e.c. | 037 | 3,703 | 1,658 | 436 | 109 | 363 | - | - | - |
| Professional specialty | | 58,515 | 31,518 | 3,621 | 1,902 | 4,747 | 144 | 151 | 71 |
| Engineers, petroleum | 047 | 233 | - | 78 | 73 | 73 | - | - | - |
| Engineers, civil | 053 | 84 | - | - | - | - | - | - | - |
| Engineers, electrical, electronic | 055 | 552 | 233 | 50 | - | - | - | - | - |
| Engineers, industrial | 056 | 491 | 210 | 78 | - | - | - | - | - |
| Engineers, mechanical | 057 | 356 | 114 | - | - | - | 17 | - | - |
| Engineers, marine, naval | 058 | 93 | 82 | - | - | - | - | - | - |
| Engineers, n.e.c. | 059 | 810 | 370 | - | 68 | 93 | - | - | - |
| Surveyors, mapping scientists | 063 | 343 | 70 | - | 94 | - | - | - | - |
| Computer systems analysts | 064 | 2,491 | 1,121 | 83 | - | 86 | - | - | - |
| Operations and systems researchers, analysts | 065 | 887 | 434 | 45 | - | 44 | - | - | - |
| Chemists, except biochemists | 073 | 201 | - | - | - | 19 | - | - | - |
| Physical scientists, n.e.c. | 076 | 20 | - | - | - | - | - | - | - |
| Agricultural and food scientists | 077 | 92 | - | - | - | - | - | - | - |
| Biological and life scientists | 078 | 248 | 161 | - | - | - | - | - | - |
| Physicians | 084 | 161 | 86 | - | - | - | - | - | - |
| Dentists | 085 | 47 | 38 | - | - | - | - | - | - |
| Veterinarians | 086 | 112 | - | - | - | - | - | - | - |
| Registered nurses | 095 | 24,979 | 14,804 | 1,474 | 631 | 1,978 | 61 | 47 | - |

See footnotes at end of table.

TABLE R9. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected natures of injury or illness, 1998 — Continued

| Occupation | Nature of injury or illness ³ | | | | | | | All other natures ⁴ |
|---|--|------------|---|---|--------------------------|---------------------------------|---------------------------|--------------------------------|
| | Carpal tunnel syndrome | Tendonitis | Multiple traumatic injuries and disorders | | | Back pain and pain, except back | | |
| | | | Total | With fractures, burns, and other injuries | With sprains and bruises | Total | Back pain, hurt back only | |
| Private industry | 26,266 | 16,900 | 57,625 | 11,141 | 21,386 | 101,599 | 42,353 | 288,489 |
| Managerial and professional specialty | 1,864 | 589 | 3,724 | 709 | 1,545 | 6,430 | 2,813 | 17,214 |
| Executive, administrative, managerial | 1,109 | 176 | 1,611 | 381 | 625 | 2,752 | 1,221 | 7,811 |
| Financial managers | — | — | — | — | — | 64 | — | 189 |
| Personnel and labor relations | — | — | — | — | — | — | — | 41 |
| Purchasing managers | — | — | — | — | — | — | — | 42 |
| Managers, marketing, advertising, public relations | — | — | — | — | — | 91 | — | 452 |
| Administrators, education | — | — | 38 | — | — | 42 | — | 141 |
| Managers, medicine and health | — | 17 | — | — | — | 101 | 91 | 390 |
| Managers, food and lodging | — | — | 312 | 68 | 77 | 379 | 197 | 1,013 |
| Managers, properties, real estate .. | 183 | — | 62 | 58 | — | 42 | — | 201 |
| Funeral directors | — | — | — | — | — | — | — | — |
| Managers, service organizations, n.e.c. | 138 | — | — | — | 19 | 52 | — | 211 |
| Managers and administrators, n.e.c. | 370 | 47 | 692 | 168 | 333 | 1,168 | 474 | 3,270 |
| Accountants and auditors | 54 | — | — | — | 17 | 190 | 151 | 261 |
| Underwriters | — | — | — | — | — | — | — | — |
| Other financial officers | 49 | — | 76 | — | 59 | 72 | — | 208 |
| Management analysts | — | — | — | — | — | — | — | — |
| Personnel, training, labor relations | — | — | 42 | — | 18 | — | — | 181 |
| Purchasing agents, buyers, farm products | — | — | — | — | — | — | — | — |
| Buyers, wholesale, retail, except farm products | — | — | 67 | 18 | — | 174 | 108 | 223 |
| Purchasing agents and buyers, n.e.c. | — | — | 16 | — | — | — | — | 158 |
| Business and promotion agents | — | — | — | — | — | — | — | — |
| Construction inspectors | — | — | — | — | — | — | — | — |
| Inspectors and compliance officers, except construction | — | — | 19 | — | 17 | 18 | — | 82 |
| Management related, n.e.c. | 122 | — | 68 | — | — | 278 | 52 | 640 |
| Professional specialty | 755 | 412 | 2,113 | 328 | 920 | 3,678 | 1,592 | 9,403 |
| Engineers, petroleum | — | — | — | — | — | — | — | — |
| Engineers, civil | — | — | — | — | — | — | — | — |
| Engineers, electrical, electronic | — | — | 48 | — | — | — | — | 105 |
| Engineers, industrial | — | — | 18 | — | — | — | — | 106 |
| Engineers, mechanical | — | — | 17 | — | — | — | 19 | 86 |
| Engineers, marine, naval | — | — | — | — | — | — | — | — |
| Engineers, n.e.c. | — | — | — | — | — | — | — | 176 |
| Surveyors, mapping scientists | — | — | — | — | — | — | — | 151 |
| Computer systems analysts | 89 | — | 41 | — | — | 39 | — | 995 |
| Operations and systems researchers, analysts | 56 | — | — | — | — | 37 | — | 217 |
| Chemists, except biochemists | — | — | — | — | — | — | — | 57 |
| Physical scientists, n.e.c. | — | — | — | — | — | — | — | — |
| Agricultural and food scientists | — | — | — | — | — | — | — | 52 |
| Biological and life scientists | 48 | — | — | — | — | — | — | 17 |
| Physicians | — | — | — | — | — | — | — | 38 |
| Dentists | — | — | — | — | — | — | — | — |
| Veterinarians | — | — | — | — | — | — | — | 69 |
| Registered nurses | 333 | 127 | 800 | 206 | 205 | 1,882 | 1,022 | 2,831 |

See footnotes at end of table.

TABLE R9. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected natures of injury or illness,1998 — Continued

| Occupation | Occupation code ² | Total cases | Nature of injury or illness ³ | | | | | | |
|---|------------------------------|-------------|--|-----------|-----------------|---------|------------|----------------|-------------|
| | | | Sprains, strains | Fractures | Cuts, punctures | Bruises | Heat burns | Chemical burns | Amputations |
| Pharmacists | 096 | 288 | 74 | — | — | — | — | — | — |
| Dietitians | 097 | 248 | 117 | — | — | — | — | — | — |
| Respiratory therapists | 098 | 867 | 537 | 83 | — | 82 | — | — | — |
| Occupational therapists | 099 | 197 | 162 | — | — | — | — | — | — |
| Physical therapists | 103 | 870 | 709 | 45 | — | — | — | — | — |
| Speech therapists | 104 | 108 | 69 | — | — | — | — | — | — |
| Therapists, n.e.c. | 105 | 741 | 412 | — | — | 68 | — | — | — |
| Physician's assistants | 106 | 266 | 120 | — | — | — | — | — | — |
| Teachers, postsecondary, psychology | 118 | 42 | — | — | 42 | — | — | — | — |
| Teachers, postsecondary, health specialities | 134 | 18 | — | — | — | — | — | — | — |
| Postsecondary teachers, subject not specified | 154 | 225 | 60 | 17 | — | 38 | — | — | — |
| Teachers, prekindergarten, kindergarten | 155 | 1,938 | 1,014 | 166 | — | 154 | — | 47 | — |
| Teachers, elementary school | 156 | 293 | 167 | — | — | — | — | — | — |
| Teachers, secondary school | 157 | 358 | 313 | 18 | — | — | — | — | — |
| Teachers, special education | 158 | 57 | 47 | — | — | — | — | — | — |
| Teachers, except postsecondary, n.e.c. | 159 | 3,322 | 1,714 | 289 | 80 | 395 | — | — | 18 |
| Counselors, educational, vocational | 163 | 1,888 | 964 | 109 | — | 150 | — | — | — |
| Librarians | 164 | 172 | 38 | 41 | — | — | — | — | — |
| Economists | 166 | 93 | 38 | — | — | — | — | — | — |
| Psychologists | 167 | 1,122 | 879 | 50 | — | 64 | — | — | — |
| Social workers | 174 | 4,617 | 2,214 | 262 | 224 | 353 | 18 | — | — |
| Recreation workers | 175 | 951 | 421 | — | — | 181 | — | — | — |
| Clergy | 176 | — | 18 | — | — | — | — | — | — |
| Religious workers, n.e.c. | 177 | 46 | 46 | — | — | — | — | — | — |
| Lawyers | 178 | 274 | 139 | 52 | — | — | — | — | — |
| Technical writers | 184 | 79 | — | — | — | — | — | — | — |
| Designers | 185 | 1,671 | 688 | 39 | 304 | 123 | — | — | — |
| Musicians and composers | 186 | — | — | — | — | — | — | — | — |
| Actors and directors | 187 | 305 | 106 | 17 | — | 80 | — | — | — |
| Painters, sculptors, craft-artists, printmakers | 188 | 221 | 59 | — | — | — | — | — | — |
| Photographers | 189 | 751 | 325 | 20 | — | — | — | — | — |
| Dancers | 193 | 564 | 299 | — | — | 52 | — | — | — |
| Artists, performers, n.e.c. | 194 | 541 | 309 | 47 | — | — | — | — | 18 |
| Editors and reporters | 195 | 378 | 109 | — | — | — | — | — | — |
| Public relations specialists | 197 | 322 | 140 | — | — | 103 | — | — | — |
| Announcers | 198 | 85 | — | 74 | — | — | — | — | — |
| Athletes | 199 | 2,024 | 1,184 | 130 | 18 | 138 | — | — | — |
| Technical, sales, and administrative support | | 251,056 | 118,124 | 15,480 | 13,020 | 22,607 | 1,541 | 1,029 | 325 |
| Technicians and related support | | 50,231 | 26,438 | 2,225 | 2,580 | 3,156 | 377 | 408 | 79 |
| Clinical laboratory technologists | 203 | 3,254 | 1,627 | 160 | 207 | 311 | — | 54 | — |
| Dental hygienists | 204 | 483 | 154 | 121 | — | — | — | — | — |
| Health record technologists | 205 | 816 | 443 | — | — | 71 | — | — | — |
| Radiologic technicians | 206 | 1,933 | 1,048 | 187 | 39 | 161 | — | — | — |
| Licensed practical nurses | 207 | 10,847 | 6,860 | 284 | 415 | 563 | — | — | — |
| Health technologists, n.e.c. | 208 | 10,950 | 6,798 | 206 | 391 | 622 | 95 | 20 | — |
| Electrical, electronic technicians | 213 | 3,757 | 1,906 | 231 | 184 | 251 | — | — | — |
| Industrial engineering technicians | 214 | 80 | 37 | — | — | — | — | — | — |

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| Occupation | Nature of injury or illness ³ | | | | | | | All other natures ⁴ |
|---|--|--------------|---|---|--------------------------|---------------------------------|---------------------------|--------------------------------|
| | Carpal tunnel syndrome | Tendonitis | Multiple traumatic injuries and disorders | | | Back pain and pain, except back | | |
| | | | Total | With fractures, burns, and other injuries | With sprains and bruises | Total | Back pain, hurt back only | |
| Pharmacists | — | 65 | — | — | — | 20 | — | 47 |
| Dietitians | — | — | — | — | — | — | — | 63 |
| Respiratory therapists | — | — | — | — | — | — | — | 113 |
| Occupational therapists | — | — | — | — | — | — | — | — |
| Physical therapists | — | — | — | — | — | — | 18 | 49 |
| Speech therapists | — | — | — | — | — | — | — | — |
| Therapists, n.e.c. | — | — | — | — | — | 125 | 67 | 100 |
| Physician's assistants | — | — | — | — | — | — | — | 104 |
| Teachers, postsecondary, psychology | — | — | — | — | — | — | — | — |
| Teachers, postsecondary, health specialties | — | — | — | — | — | — | — | — |
| Postsecondary teachers, subject not specified | — | — | 18 | — | — | — | 16 | 52 |
| Teachers, prekindergarten, kindergarten | — | — | 100 | — | 98 | 57 | — | 374 |
| Teachers, elementary school | — | — | — | — | — | — | — | 68 |
| Teachers, secondary school | — | — | — | — | — | — | — | — |
| Teachers, special education | — | — | — | — | — | — | — | — |
| Teachers, except postsecondary, n.e.c. | — | — | 69 | — | 42 | 158 | 46 | 561 |
| Counselors, educational, vocational | — | — | 179 | — | 128 | 168 | 40 | 290 |
| Librarians | — | — | — | — | — | — | — | 55 |
| Economists | 17 | — | — | — | — | — | — | 20 |
| Psychologists | — | — | — | — | — | 17 | — | 94 |
| Social workers | 16 | — | 258 | — | 192 | 420 | 97 | 853 |
| Recreation workers | — | — | 46 | — | 39 | — | — | 253 |
| Clergy | — | — | — | — | — | — | — | — |
| Religious workers, n.e.c. | — | — | — | — | — | — | — | — |
| Lawyers | — | — | — | — | — | — | — | 42 |
| Technical writers | — | — | — | — | — | — | — | — |
| Designers | 68 | 39 | 110 | — | — | — | — | 269 |
| Musicians and composers | — | — | — | — | — | — | — | 19 |
| Actors and directors | — | — | 47 | — | 41 | — | — | — |
| Painters, sculptors, craft-artists, printmakers | — | — | — | — | — | 18 | — | 108 |
| Photographers | — | — | 74 | — | — | 119 | — | 147 |
| Dancers | — | — | — | — | — | 75 | — | 114 |
| Artists, performers, n.e.c. | — | — | — | — | — | — | — | 104 |
| Editors and reporters | 19 | — | 59 | — | 45 | 17 | — | 89 |
| Public relations specialists | — | — | — | — | — | — | — | — |
| Announcers | — | — | — | — | — | — | — | — |
| Athletes | — | 53 | — | — | — | 166 | — | 325 |
| Technical, sales, and administrative support | 8,173 | 3,256 | 9,205 | 1,620 | 4,007 | 15,414 | 6,689 | 42,884 |
| Technicians and related support | 978 | 664 | 1,647 | 259 | 781 | 2,721 | 1,562 | 8,958 |
| Clinical laboratory technologists | 41 | 40 | 105 | 20 | 62 | 150 | 91 | 526 |
| Dental hygienists | 152 | — | — | — | — | — | — | 39 |
| Health record technologists | 37 | — | — | — | — | 37 | — | 150 |
| Radiologic technicians | 53 | — | 59 | — | — | 150 | 67 | 204 |
| Licensed practical nurses | 61 | 51 | 281 | — | 179 | 775 | 431 | 1,524 |
| Health technologists, n.e.c. | 212 | 61 | 453 | — | 179 | 587 | 334 | 1,504 |
| Electrical, electronic technicians | 57 | — | 116 | 60 | — | 157 | 83 | 801 |
| Industrial engineering technicians | — | — | — | — | — | — | — | — |

See footnotes at end of table.

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| Occupation | Occupation code ² | Total cases | Nature of injury or illness ³ | | | | | | |
|---|------------------------------|-------------|--|-----------|-----------------|---------|------------|----------------|-------------|
| | | | Sprains, strains | Fractures | Cuts, punctures | Bruises | Heat burns | Chemical burns | Amputations |
| Mechanical engineering technicians | 215 | 199 | 60 | 38 | — | — | — | — | — |
| Engineering technicians, n.e.c. | 216 | 1,397 | 530 | 98 | 180 | 78 | 44 | — | — |
| Drafting | 217 | 183 | 52 | 17 | — | — | — | — | — |
| Surveying and mapping technicians | 218 | 601 | 403 | 60 | 50 | — | — | — | — |
| Biological technicians | 223 | 848 | 395 | — | 79 | 49 | — | — | — |
| Chemical technicians | 224 | 554 | 217 | — | 17 | — | — | 81 | — |
| Science technicians, n.e.c. | 225 | 673 | 236 | 89 | 56 | 43 | — | — | — |
| Airplane pilots and navigators | 226 | 753 | 431 | — | 41 | 94 | — | — | — |
| Broadcast equipment operators | 228 | 147 | 42 | — | — | — | — | — | — |
| Computer programmers | 229 | 1,169 | 270 | — | — | — | — | — | — |
| Legal assistants | 234 | 801 | 172 | — | — | 53 | — | — | — |
| Technicians, n.e.c. | 235 | 10,762 | 4,750 | 621 | 819 | 778 | 92 | 155 | 43 |
| Sales | | 96,474 | 45,606 | 6,921 | 5,919 | 9,702 | 841 | 391 | 83 |
| Supervisors and proprietors | 243 | 22,651 | 10,400 | 1,962 | 1,465 | 1,695 | 50 | 52 | — |
| Insurance | 253 | 977 | 331 | 48 | — | — | — | — | — |
| Real estate | 254 | 196 | 44 | 66 | — | — | — | — | — |
| Securities and financial services | 255 | 167 | — | — | — | — | — | — | — |
| Advertising and related | 256 | 553 | 149 | 54 | — | 73 | — | — | — |
| Other business services | 257 | 1,741 | 915 | 112 | — | 113 | — | — | — |
| Engineers | 258 | 95 | 40 | — | 41 | — | — | — | — |
| Mining, manufacturing, wholesale | 259 | 4,944 | 2,711 | 394 | 166 | 253 | — | — | — |
| Motor vehicles and boats | 263 | 1,626 | 734 | 155 | 50 | 58 | — | — | — |
| Apparel | 264 | 2,479 | 1,183 | 177 | 128 | 303 | — | — | — |
| Shoes | 265 | 580 | 395 | 19 | — | 55 | — | — | — |
| Furniture and home furnishings | 266 | 1,209 | 495 | 112 | 108 | 122 | — | — | — |
| Appliances | 267 | 875 | 336 | 101 | 38 | 127 | — | — | — |
| Hardware and building supplies | 268 | 4,080 | 1,902 | 391 | 458 | 480 | — | — | — |
| Parts | 269 | 1,617 | 778 | 184 | 84 | 96 | — | 71 | — |
| Other commodities | 274 | 22,948 | 10,840 | 1,460 | 1,539 | 2,386 | 415 | 87 | 40 |
| Sales counter clerks | 275 | 2,044 | 844 | 80 | 232 | 372 | — | — | — |
| Cashiers | 276 | 26,102 | 12,924 | 1,364 | 1,432 | 3,224 | 342 | 106 | — |
| Street and door-to-door sales | 277 | 483 | 146 | 128 | — | 122 | — | — | — |
| News vendors | 278 | 240 | 101 | — | — | 18 | — | — | — |
| Demonstrators, promoters, models | 283 | 608 | 183 | 56 | 50 | 90 | — | — | — |
| Sales support, n.e.c. | 285 | 259 | 130 | 18 | — | 41 | — | — | — |
| Administrative support, including clerical | | 104,351 | 46,080 | 6,334 | 4,521 | 9,749 | 323 | 230 | 163 |
| Supervisors, general office | 303 | 1,294 | 331 | 73 | 65 | 145 | — | — | — |
| Supervisors, computer operators | 304 | 71 | 47 | — | — | — | — | — | — |
| Supervisors, financial records processing | 305 | 265 | 78 | 50 | — | — | — | — | — |
| Chief communications operators | 306 | 44 | — | — | — | — | — | — | — |
| Supervisors, clerks, distribution and adjusting | 307 | 1,378 | 849 | 147 | 61 | 94 | — | — | — |
| Computer operators | 308 | 664 | 415 | — | — | 76 | — | — | — |
| Peripheral equipment operators | 309 | 119 | 49 | — | — | 18 | — | — | — |
| Secretaries | 313 | 7,405 | 3,176 | 349 | 181 | 490 | — | — | — |
| Stenographers | 314 | 424 | 314 | — | — | — | — | — | — |
| Typists | 315 | 397 | 121 | — | — | — | — | — | — |
| Interviewers | 316 | 507 | 175 | 51 | — | 49 | — | — | — |
| Hotel clerks | 317 | 529 | 206 | 75 | 55 | — | — | — | — |
| Ticket agents, transportation | 318 | 6,513 | 3,345 | 140 | 122 | 690 | — | — | — |
| Receptionists | 319 | 2,969 | 1,249 | 336 | — | 251 | — | — | — |
| Information clerks, n.e.c. | 323 | 358 | 102 | — | — | 92 | — | — | — |

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| Occupation | Nature of injury or illness ³ | | | | | | | All other natures ⁴ |
|---|--|------------|---|---|--------------------------|---------------------------------|---------------------------|--------------------------------|
| | Carpal tunnel syndrome | Tendonitis | Multiple traumatic injuries and disorders | | | Back pain and pain, except back | | |
| | | | Total | With fractures, burns, and other injuries | With sprains and bruises | Total | Back pain, hurt back only | |
| Mechanical engineering technicians | - | - | - | - | - | - | - | 16 |
| Engineering technicians, n.e.c. | - | 19 | - | - | - | 44 | - | 335 |
| Drafting | - | - | - | - | - | - | - | 41 |
| Surveying and mapping technicians | - | - | - | - | - | - | - | 70 |
| Biological technicians | - | 17 | 42 | - | - | - | - | 201 |
| Chemical technicians | - | - | - | - | - | - | - | 129 |
| Science technicians, n.e.c. | - | 19 | 17 | - | - | - | - | 154 |
| Airplane pilots and navigators | - | - | 41 | - | - | - | 18 | 64 |
| Broadcast equipment operators | - | - | - | - | - | - | - | - |
| Computer programmers | - | - | 19 | - | - | - | - | 812 |
| Legal assistants | 147 | 147 | 186 | - | 182 | - | - | 59 |
| Technicians, n.e.c. | 142 | 214 | 216 | 85 | 48 | 678 | 424 | 2,255 |
| Sales | 1,582 | 654 | 3,862 | 900 | 1,586 | 5,607 | 2,180 | 15,307 |
| Supervisors and proprietors | 468 | 73 | 1,053 | 401 | 327 | 1,296 | 555 | 4,114 |
| Insurance | 160 | - | 54 | - | - | 94 | - | 223 |
| Real estate | - | - | - | - | 16 | - | - | - |
| Securities and financial services | - | - | 17 | - | - | - | - | 59 |
| Advertising and related | - | - | 49 | - | 42 | 127 | - | 62 |
| Other business services | 77 | - | 106 | - | 73 | 123 | 58 | 238 |
| Engineers | - | - | - | - | - | - | - | - |
| Mining, manufacturing, wholesale .. | 44 | - | 167 | - | 66 | 195 | 76 | 978 |
| Motor vehicles and boats | - | - | 125 | - | - | 110 | 19 | 355 |
| Apparel | - | - | 141 | 43 | 42 | 215 | 123 | 302 |
| Shoes | - | - | - | - | - | 45 | - | 50 |
| Furniture and home furnishings | - | 85 | - | - | - | 97 | 65 | 167 |
| Appliances | - | - | 108 | - | 92 | 19 | - | 137 |
| Hardware and building supplies | - | - | 90 | 38 | - | 161 | 52 | 552 |
| Parts | - | - | - | - | - | 75 | 39 | 295 |
| Other commodities | 141 | 108 | 826 | 208 | 305 | 1,213 | 444 | 3,893 |
| Sales counter clerks | - | 46 | - | - | - | 115 | 55 | 299 |
| Cashiers | 598 | 243 | 993 | 156 | 515 | 1,629 | 660 | 3,239 |
| Street and door-to-door sales | - | - | - | - | - | 18 | - | - |
| News vendors | - | - | - | - | - | - | - | 96 |
| Demonstrators, promoters, models | - | - | - | - | - | - | 17 | 168 |
| Sales support, n.e.c. | - | - | - | - | - | - | - | - |
| Administrative support, including clerical | 5,612 | 1,938 | 3,696 | 460 | 1,640 | 7,086 | 2,946 | 18,618 |
| Supervisors, general office | 44 | - | 133 | - | 100 | 155 | 139 | 345 |
| Supervisors, computer operators ... | - | - | - | - | - | - | - | - |
| Supervisors, financial records processing | 16 | - | - | - | - | - | - | 50 |
| Chief communications operators | - | - | - | - | - | - | - | - |
| Supervisors, clerks, distribution and adjusting | - | - | 37 | - | - | 58 | 46 | 114 |
| Computer operators | 45 | - | 17 | - | - | - | - | 49 |
| Peripheral equipment operators | - | - | - | - | - | - | - | - |
| Secretaries | 713 | 455 | 214 | - | 88 | 551 | 232 | 1,262 |
| Stenographers | 63 | - | - | - | - | - | - | - |
| Typists | 89 | - | 18 | - | - | - | - | 105 |
| Interviewers | - | - | - | - | - | 17 | - | 172 |
| Hotel clerks | - | - | - | - | - | 57 | - | 75 |
| Ticket agents, transportation | 107 | - | 134 | - | 58 | 720 | 483 | 1,192 |
| Receptionists | 154 | - | 176 | 102 | 45 | 78 | 37 | 675 |
| Information clerks, n.e.c. | - | - | - | - | - | - | - | 90 |

See footnotes at end of table.

TABLE R9. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected natures of injury or illness,1998 — Continued

| Occupation | Occupation code ² | Total cases | Nature of injury or illness ³ | | | | | | |
|---|------------------------------|----------------|--|---------------|-----------------|---------------|---------------|----------------|-------------|
| | | | Sprains, strains | Fractures | Cuts, punctures | Bruises | Heat burns | Chemical burns | Amputations |
| Classified-ad clerks | 325 | 60 | — | — | — | — | — | — | — |
| Correspondence clerks | 306 | — | — | — | — | — | — | — | — |
| Order clerks | 327 | 2,212 | 893 | 126 | — | 126 | — | — | — |
| Personnel clerks, except payroll | 328 | 171 | 52 | — | — | — | — | — | — |
| Library clerks | 329 | 107 | 42 | — | — | — | — | — | — |
| File clerks | 335 | 1,230 | 609 | 40 | — | 130 | — | — | — |
| Records clerks | 336 | 859 | 307 | 48 | — | 78 | — | — | — |
| Bookkeepers, accounting, auditing | 337 | 3,286 | 849 | 419 | 52 | 206 | — | — | 51 |
| Payroll and timekeeping clerks | 338 | 450 | 346 | — | — | — | — | — | — |
| Billing clerks | 339 | 606 | 179 | 60 | — | 113 | — | — | — |
| Cost and rate clerks | 343 | 350 | 167 | 40 | — | 17 | — | — | — |
| Billing, posting, calculating machine operators | 344 | 535 | 151 | 172 | — | 18 | — | — | — |
| Duplicating machine operators | 345 | 197 | 78 | — | — | — | — | — | — |
| Mail, paper handling machine operators | 346 | 211 | 93 | — | — | — | — | — | — |
| Office machine operators, n.e.c. | 347 | 218 | 59 | 19 | — | — | — | — | — |
| Telephone operators | 348 | 967 | 310 | 64 | — | 82 | — | — | — |
| Communications equipment operators, n.e.c. | 353 | 59 | 19 | — | — | — | — | — | — |
| Mail clerks, except postal service ... | 356 | 2,625 | 1,183 | 120 | 236 | 226 | — | — | — |
| Messengers | 357 | 1,717 | 915 | 65 | 63 | 120 | — | — | — |
| Dispatchers | 359 | 1,173 | 547 | 96 | 44 | 91 | — | — | — |
| Production coordinators | 363 | 2,098 | 825 | 128 | 184 | 127 | — | — | — |
| Shipping and receiving clerks | 364 | 18,457 | 9,456 | 1,150 | 1,246 | 2,290 | — | — | 62 |
| Stock and inventory clerks | 365 | 9,977 | 4,604 | 608 | 821 | 917 | — | — | — |
| Meter readers | 366 | 927 | 422 | 58 | 44 | 37 | — | — | — |
| Weighers and checkers | 368 | 1,222 | 581 | 56 | 59 | 137 | — | 46 | — |
| Expeditors | 373 | 3,731 | 2,086 | 184 | 94 | 314 | 77 | — | — |
| Recording and distributing clerks, n.e.c. | 374 | 350 | 138 | — | 62 | 42 | — | — | — |
| Insurance investigators, adjusters .. | 375 | 2,360 | 768 | 82 | — | 273 | — | — | — |
| Investigators, adjusters, except insurance | 376 | 6,038 | 2,541 | 283 | 190 | 404 | — | — | — |
| Eligibility clerks, social welfare | 377 | 81 | — | 16 | — | — | — | — | — |
| Bill and account collectors | 378 | 727 | 225 | 40 | 51 | 67 | — | — | — |
| General office clerks | 379 | 6,571 | 2,758 | 506 | 212 | 592 | 50 | — | — |
| Bank tellers | 383 | 2,090 | 615 | 44 | 170 | 393 | — | — | — |
| Proofreaders | 384 | 38 | — | — | — | — | — | — | — |
| Data-entry keyers | 385 | 2,335 | 391 | 99 | — | 85 | — | — | — |
| Statistical clerks | 386 | 131 | 44 | — | — | — | — | — | — |
| Teachers' aides | 387 | 1,174 | 620 | 63 | — | 109 | — | — | — |
| Administrative support, n.e.c. | 389 | 6,040 | 2,638 | 366 | 203 | 700 | 43 | — | — |
| Service | | 297,491 | 141,887 | 14,044 | 25,409 | 27,610 | 12,602 | 2,742 | 967 |
| Protective service | | 11,187 | 4,904 | 1,029 | 320 | 1,192 | — | — | — |
| Supervisors, firefighting, fire prevention | 413 | 70 | 57 | — | — | — | — | — | — |
| Supervisors, guards | 415 | 396 | 255 | — | — | 43 | — | — | — |
| Fire inspection, fire prevention | 416 | 46 | — | — | — | — | — | — | — |
| Firefighting | 417 | 494 | 159 | — | — | — | — | — | — |
| Correctional institution officers | 424 | 111 | 57 | — | — | — | — | — | — |
| Guards and police, except public ... | 426 | 9,509 | 4,150 | 907 | 289 | 1,037 | — | — | — |
| Protective service, n.e.c. | 427 | 561 | 216 | 73 | 18 | 108 | — | — | — |
| Service, except protective | | 286,304 | 136,983 | 13,015 | 25,088 | 26,418 | 12,592 | 2,720 | 955 |

See footnotes at end of table.

TABLE R9. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected natures of injury or illness, 1998 — Continued

| Occupation | Nature of injury or illness ³ | | | | | | | All other natures ⁴ |
|---|--|--------------|---|---|--------------------------|---------------------------------|---------------------------|--------------------------------|
| | Carpal tunnel syndrome | Tendonitis | Multiple traumatic injuries and disorders | | | Back pain and pain, except back | | |
| | | | Total | With fractures, burns, and other injuries | With sprains and bruises | Total | Back pain, hurt back only | |
| Classified-ad clerks | — | — | — | — | — | — | — | — |
| Correspondence clerks | — | — | — | — | — | — | — | 19 |
| Order clerks | 264 | 58 | 62 | — | 37 | 113 | 42 | 528 |
| Personnel clerks, except payroll | 20 | — | — | — | — | — | — | 19 |
| Library clerks | — | — | — | — | — | — | — | 17 |
| File clerks | — | — | — | — | — | 141 | 129 | 252 |
| Records clerks | 98 | — | 41 | — | 41 | 58 | 17 | 203 |
| Bookkeepers, accounting, auditing | 545 | 108 | 213 | 82 | 57 | 180 | 39 | 657 |
| Payroll and timekeeping clerks | — | — | — | — | — | — | — | 17 |
| Billing clerks | 82 | — | — | — | — | — | — | 107 |
| Cost and rate clerks | — | — | — | — | — | — | — | 46 |
| Billing, posting, calculating machine operators | 44 | 56 | 19 | — | — | — | — | 63 |
| Duplicating machine operators | — | — | — | — | — | — | — | 52 |
| Mail, paper handling machine operators | 37 | — | — | — | — | — | — | 44 |
| Office machine operators, n.e.c. ... | — | — | — | — | — | 44 | — | — |
| Telephone operators | 148 | 18 | — | — | — | 90 | — | 214 |
| Communications equipment operators, n.e.c. | — | — | — | — | — | — | — | 20 |
| Mail clerks, except postal service ... | — | 43 | 77 | — | 50 | 370 | 185 | 332 |
| Messengers | — | — | 108 | — | 60 | 151 | — | 285 |
| Dispatchers | — | — | 151 | — | — | 45 | — | 165 |
| Production coordinators | 78 | 72 | 73 | — | 18 | 71 | — | 515 |
| Shipping and receiving clerks | 97 | 115 | 515 | 64 | 207 | 844 | 423 | 2,632 |
| Stock and inventory clerks | 150 | 63 | 308 | — | 190 | 808 | 341 | 1,659 |
| Meter readers | — | — | — | — | — | 87 | 41 | 225 |
| Weighers and checkers | — | — | 59 | — | 42 | 92 | — | 174 |
| Expeditors | 93 | — | 72 | — | — | 156 | — | 594 |
| Recording and distributing clerks, n.e.c. | — | — | — | — | — | — | — | 60 |
| Insurance investigators, adjusters .. | 342 | 92 | 150 | — | 54 | 173 | — | 456 |
| Investigators, adjusters, except insurance | 476 | 78 | 170 | — | 103 | 579 | 105 | 1,301 |
| Eligibility clerks, social welfare | — | — | — | — | — | — | — | — |
| Bill and account collectors | 45 | 99 | — | — | — | 17 | — | 155 |
| General office clerks | 384 | 88 | 144 | — | 95 | 463 | 230 | 1,345 |
| Bank tellers | 148 | 101 | 68 | — | 44 | 121 | 62 | 410 |
| Proofreaders | — | — | — | — | — | — | — | — |
| Data-entry keyers | 786 | 139 | 78 | — | 63 | 204 | — | 513 |
| Statistical clerks | 18 | — | — | — | — | — | — | — |
| Teachers' aides | — | — | — | — | — | 97 | — | 231 |
| Administrative support, n.e.c. | 251 | 87 | 368 | — | 88 | 295 | 67 | 1,065 |
| Service | 1,974 | 1,474 | 10,512 | 745 | 5,177 | 20,567 | 8,232 | 37,703 |
| Protective service | — | — | 758 | 99 | 330 | 844 | 110 | 2,074 |
| Supervisors, firefighting, fire prevention | — | — | — | — | — | — | — | — |
| Supervisors, guards | — | — | — | — | — | — | — | 45 |
| Fire inspection, fire prevention | — | — | — | — | — | — | — | — |
| Firefighting | — | — | — | — | — | 172 | — | 132 |
| Correctional institution officers | — | — | — | — | — | — | — | — |
| Guards and police, except public ... | — | — | 658 | 78 | 303 | 633 | 97 | 1,782 |
| Protective service, n.e.c. | — | — | 49 | — | — | — | — | 76 |
| Service, except protective | 1,962 | 1,464 | 9,754 | 646 | 4,847 | 19,723 | 8,122 | 35,630 |

See footnotes at end of table.

TABLE R9. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected natures of injury or illness,1998 — Continued

| Occupation | Occupation code ² | Total cases | Nature of injury or illness ³ | | | | | | |
|---|------------------------------|----------------|--|---------------|-----------------|---------------|--------------|----------------|--------------|
| | | | Sprains, strains | Fractures | Cuts, punctures | Bruises | Heat burns | Chemical burns | Amputations |
| Supervisors, food preparation, service | 433 | 4,421 | 1,732 | 120 | 434 | 590 | 342 | — | — |
| Bartenders | 434 | 1,913 | 994 | 195 | 371 | 37 | — | — | — |
| Waiters and waitresses | 435 | 15,548 | 5,949 | 1,022 | 1,521 | 1,902 | 1,116 | 166 | 121 |
| Cooks | 436 | 28,549 | 7,541 | 1,406 | 6,074 | 1,737 | 6,102 | 57 | 295 |
| Food counter, fountain workers | 438 | 5,300 | 1,994 | 408 | 780 | 526 | 482 | 77 | — |
| Kitchen workers | 439 | 11,576 | 3,460 | 285 | 3,857 | 1,167 | 922 | — | 184 |
| Waiters', waitresses' assistants | 443 | 7,148 | 3,457 | 505 | 658 | 726 | 279 | — | — |
| Miscellaneous food preparation | 444 | 22,038 | 7,592 | 811 | 4,213 | 2,049 | 1,893 | 605 | 157 |
| Dental assistants | 445 | 519 | 101 | — | 158 | — | — | 168 | — |
| Health aides, except nursing | 446 | 10,359 | 4,669 | 346 | 454 | 1,344 | 547 | 128 | — |
| Nursing aides, orderlies | 447 | 84,128 | 55,135 | 2,072 | 870 | 6,041 | 107 | 210 | — |
| Supervisors, cleaning, building service workers | 448 | 2,474 | 1,325 | 228 | 105 | 110 | — | — | — |
| Maids and housemen | 449 | 21,321 | 11,412 | 764 | 843 | 2,390 | 59 | 429 | 17 |
| Janitors and cleaners | 453 | 44,189 | 20,005 | 3,493 | 3,249 | 4,521 | 345 | 724 | 109 |
| Elevator operators | 454 | 75 | — | — | — | — | — | — | — |
| Pest control occupations | 455 | 2,092 | 1,379 | 158 | 19 | 201 | — | — | — |
| Supervisors, personal service | 456 | 447 | 199 | — | — | — | — | — | — |
| Hairdressers and cosmetologists | 458 | 2,113 | 399 | 174 | 401 | 72 | 38 | — | — |
| Attendants, amusement, recreation | 459 | 2,658 | 1,116 | 261 | 188 | 307 | — | — | — |
| Guides | 461 | 235 | 69 | — | — | — | — | — | — |
| Ushers | 462 | 220 | — | — | — | 186 | — | — | — |
| Attendants, public transportation | 463 | 8,717 | 3,528 | 214 | 364 | 1,188 | 145 | — | — |
| Baggage porters and bellhops | 464 | 1,179 | 781 | — | 55 | 108 | — | — | — |
| Welfare service aides | 465 | 927 | 603 | — | — | 60 | — | — | — |
| Family child care providers | 466 | 187 | 49 | 42 | — | — | — | — | — |
| Early childhood teachers' assistants | 467 | 792 | 399 | 53 | — | 53 | — | — | — |
| Child care workers, n.e.c. | 468 | 3,295 | 1,355 | 158 | 76 | 607 | 17 | — | — |
| Personal service, n.e.c. | 469 | 3,883 | 1,698 | 236 | 340 | 425 | 125 | — | — |
| Farming, forestry, and fishing | | 47,015 | 16,289 | 3,150 | 7,917 | 3,930 | 268 | 307 | 282 |
| Managers, farms, except horticultural | 475 | 261 | 75 | — | 74 | — | — | — | — |
| Managers, horticultural | 476 | 155 | 114 | — | — | — | — | — | — |
| Supervisors, farm workers | 477 | 734 | 336 | 18 | 58 | 38 | — | — | — |
| Farm workers | 479 | 13,778 | 4,499 | 1,067 | 1,927 | 1,524 | 77 | — | 96 |
| Nursery workers | 484 | 1,538 | 715 | 64 | 138 | 137 | — | — | — |
| Supervisors, related agricultural | 485 | 1,528 | 473 | 162 | 285 | 93 | — | 63 | — |
| Groundskeepers and gardeners, except farm | 486 | 22,995 | 8,473 | 1,248 | 4,744 | 1,548 | 146 | 187 | 141 |
| Animal caretakers, except farm | 487 | 2,493 | 586 | 67 | 212 | 280 | — | — | — |
| Graders and sorters, farm products | 488 | 1,146 | 538 | 78 | 103 | 111 | — | 16 | — |
| Supervisors, forestry, logging | 494 | 71 | — | — | — | — | — | — | — |
| Forestry workers, except logging | 495 | 366 | 178 | — | 65 | — | — | — | — |
| Timber cutting, logging | 496 | 1,825 | 241 | 379 | 295 | 175 | — | — | — |
| Fishers | 498 | 91 | — | — | — | — | — | — | — |
| Precision production, craft, and repair | | 293,470 | 112,184 | 24,186 | 41,543 | 20,042 | 5,012 | 2,131 | 2,502 |
| Mechanics and repairers | | 105,073 | 41,858 | 7,409 | 12,411 | 7,195 | 1,952 | 1,039 | 858 |
| Supervisors, mechanics, repairers | 503 | 2,588 | 1,148 | 257 | 264 | 190 | — | — | — |
| Mechanics, automobile | 505 | 15,668 | 5,914 | 1,035 | 2,063 | 953 | 335 | 167 | — |

See footnotes at end of table.

TABLE R9. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected natures of injury or illness, 1998 — Continued

| Occupation | Nature of injury or illness ³ | | | | | | | All other natures ⁴ |
|---|--|------------|---|---|--------------------------|---------------------------------|---------------------------|--------------------------------|
| | Carpal tunnel syndrome | Tendonitis | Multiple traumatic injuries and disorders | | | Back pain and pain, except back | | |
| | | | Total | With fractures, burns, and other injuries | With sprains and bruises | Total | Back pain, hurt back only | |
| Supervisors, food preparation, service | — | — | 372 | — | 362 | 321 | 197 | 473 |
| Bartenders | — | — | — | — | — | 76 | 54 | 190 |
| Waiters and waitresses | 114 | 37 | 1,425 | — | 391 | 719 | 395 | 1,456 |
| Cooks | 385 | 57 | 1,189 | — | 854 | 1,279 | 433 | 2,427 |
| Food counter, fountain workers | — | 37 | 204 | 56 | 56 | 139 | — | 644 |
| Kitchen workers | 72 | 58 | 154 | — | 100 | 436 | 127 | 966 |
| Waiters', waitresses' assistants | — | — | 146 | — | 118 | 402 | 181 | 902 |
| Miscellaneous food preparation | 39 | 127 | 1,129 | 80 | 573 | 1,369 | 426 | 2,053 |
| Dental assistants | — | — | — | — | — | — | — | 53 |
| Health aides, except nursing | — | 50 | 351 | — | 244 | 1,301 | 577 | 1,129 |
| Nursing aides, orderlies | 254 | 533 | 1,758 | 110 | 854 | 7,521 | 3,450 | 9,592 |
| Supervisors, cleaning, building service workers | — | — | 49 | — | 17 | 232 | — | 333 |
| Maids and housemen | 285 | 238 | 665 | 51 | 357 | 1,236 | 497 | 2,984 |
| Janitors and cleaners | 274 | 144 | 1,404 | 120 | 583 | 2,884 | 1,280 | 7,038 |
| Elevator operators | — | — | — | — | — | — | — | — |
| Pest control occupations | — | — | — | — | — | 56 | — | 279 |
| Supervisors, personal service | 66 | — | 51 | — | 49 | 19 | — | 73 |
| Hairdressers and cosmetologists | 261 | — | 38 | — | — | 289 | — | 404 |
| Attendants, amusement, recreation | 73 | 56 | 57 | — | — | 79 | — | 477 |
| Guides | — | — | — | — | — | 46 | 18 | 36 |
| Ushers | — | — | — | — | — | — | — | — |
| Attendants, public transportation | — | 18 | 183 | — | 58 | 466 | 240 | 2,587 |
| Baggage porters and bellhops | — | 16 | — | — | — | 113 | 59 | 93 |
| Welfare service aides | — | — | 84 | — | — | — | 17 | 101 |
| Family child care providers | — | — | — | — | — | — | — | 64 |
| Early childhood teachers' assistants | — | — | 90 | 18 | 67 | 72 | — | 118 |
| Child care workers, n.e.c. | — | — | 128 | — | 84 | 261 | — | 689 |
| Personal service, n.e.c. | — | — | 234 | 130 | — | 342 | 41 | 432 |
| Farming, forestry, and fishing | 168 | 172 | 1,415 | 407 | 451 | 2,295 | 1,049 | 10,822 |
| Managers, farms, except horticultural | 18 | — | — | — | — | — | — | 67 |
| Managers, horticultural | — | — | — | — | — | — | — | 18 |
| Supervisors, farm workers | — | — | 47 | — | 38 | 47 | — | 171 |
| Farm workers | 38 | 40 | 505 | 101 | 136 | 649 | 195 | 3,321 |
| Nursery workers | — | 19 | — | — | — | 50 | — | 384 |
| Supervisors, related agricultural | — | — | 56 | 50 | — | 73 | — | 317 |
| Groundskeepers and gardeners, except farm | 46 | 57 | 465 | 89 | 181 | 924 | 397 | 5,015 |
| Animal caretakers, except farm | 53 | — | 88 | 36 | 47 | 52 | — | 1,100 |
| Graders and sorters, farm products | — | — | — | — | — | 189 | 148 | 95 |
| Supervisors, forestry, logging | — | — | — | — | — | — | — | — |
| Forestry workers, except logging | — | — | — | — | — | — | — | 68 |
| Timber cutting, logging | — | — | 211 | 125 | 37 | 222 | 123 | 259 |
| Fishers | — | — | — | — | — | 70 | 70 | — |
| Precision production, craft, and repair | 3,248 | 2,751 | 8,606 | 2,587 | 2,394 | 14,549 | 5,862 | 56,716 |
| Mechanics and repairers | 772 | 484 | 3,558 | 981 | 1,029 | 5,768 | 2,404 | 21,770 |
| Supervisors, mechanics, repairers | — | — | 82 | — | — | 122 | — | 417 |
| Mechanics, automobile | 105 | — | 411 | 70 | 160 | 722 | 312 | 3,905 |

See footnotes at end of table.

TABLE R9. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected natures of injury or illness, 1998 — Continued

| Occupation | Occupation code ² | Total cases | Nature of injury or illness ³ | | | | | | |
|--|------------------------------|-------------|--|-----------|-----------------|---------|------------|----------------|-------------|
| | | | Sprains, strains | Fractures | Cuts, punctures | Bruises | Heat burns | Chemical burns | Amputations |
| Apprentices, automobile mechanic | 506 | 173 | — | — | — | — | — | — | — |
| Mechanics, bus, truck, stationary engine | 507 | 10,683 | 3,327 | 705 | 1,946 | 1,002 | 146 | 82 | — |
| Mechanics, aircraft engine | 508 | 2,075 | 922 | 168 | 179 | 128 | — | 56 | — |
| Repairers, small engine | 509 | 598 | 190 | 39 | 86 | 16 | — | — | — |
| Repairers, automobile body | 514 | 4,185 | 1,145 | 143 | 715 | 340 | 100 | — | — |
| Mechanics, aircraft, except engine | 515 | 1,312 | 771 | 126 | 102 | 110 | — | — | — |
| Mechanics, heavy equipment | 516 | 4,300 | 1,526 | 455 | 448 | 508 | 86 | — | 46 |
| Mechanics, farm equipment | 517 | 799 | 369 | 65 | 63 | 19 | — | — | — |
| Repairers, industrial machinery | 518 | 12,280 | 4,595 | 1,046 | 1,465 | 787 | 317 | 125 | 321 |
| Machinery maintenance | 519 | 2,184 | 786 | 245 | 208 | 185 | 47 | — | — |
| Repairers, electronic, communication equipment | 523 | 5,270 | 2,468 | 358 | 408 | 378 | 54 | — | 40 |
| Repairers, data processing equipment | 525 | 166 | 75 | — | — | 18 | — | — | — |
| Repairers, household appliances, power tools | 526 | 1,588 | 771 | 60 | 135 | 73 | 19 | — | — |
| Telephone line installers, repairers | 527 | 2,456 | 960 | 210 | 148 | 105 | — | — | — |
| Telephone installers, repairers | 529 | 3,670 | 1,685 | 221 | 153 | 202 | — | — | — |
| Repairers, miscellaneous electrical, electronic | 533 | 1,192 | 477 | 82 | 221 | 61 | 42 | — | — |
| Mechanics, heating, air conditioning | 534 | 6,456 | 2,689 | 245 | 1,140 | 423 | 95 | 179 | — |
| Repairers, camera, watch, musical instruments | 535 | 124 | — | 45 | 17 | — | — | — | — |
| Locksmiths and safe repairers | 536 | 232 | 145 | — | — | — | — | — | — |
| Repairers, office machines | 538 | 1,081 | 587 | 57 | 49 | — | 38 | — | — |
| Repairers, mechanical controls, valves | 539 | 189 | 106 | 17 | — | — | — | — | — |
| Elevator installers, repairers | 543 | 601 | 194 | 37 | 80 | — | — | — | — |
| Millwrights | 544 | 2,495 | 1,030 | 289 | 196 | 235 | 100 | — | 38 |
| Specified mechanics, repairers, n.e.c. | 547 | 6,582 | 2,919 | 300 | 686 | 398 | 61 | 105 | — |
| Mechanics, repairers, not specified | 549 | 16,127 | 7,024 | 1,189 | 1,603 | 1,000 | 448 | 179 | 228 |
| Construction trades | | 119,949 | 46,746 | 11,462 | 17,850 | 7,926 | 2,058 | 521 | 677 |
| Supervisors, brickmasons, stonemasons, tile setters | 553 | 89 | 48 | — | — | — | — | — | — |
| Supervisors, carpenters | 554 | 1,204 | 448 | 419 | 105 | — | — | — | — |
| Supervisors, electricians, power transmission installers | 555 | 373 | 139 | — | 50 | 38 | — | — | — |
| Supervisors, painters, paperhangers, plasterers | 556 | 106 | 56 | — | — | — | — | — | — |
| Supervisors, plumbers, pipefitters .. | 557 | 204 | 124 | 20 | — | — | — | — | — |
| Supervisors, n.e.c. | 558 | 5,608 | 2,149 | 1,382 | 461 | 207 | 56 | — | 71 |
| Brickmasons and stonemasons | 563 | 3,201 | 1,436 | 293 | 337 | 215 | 18 | 75 | — |
| Apprentices, brickmason, stonemason | 564 | 112 | 48 | — | — | — | — | — | — |
| Tile setters, hard and soft | 565 | 656 | 305 | 20 | 105 | — | — | — | — |
| Carpet installers | 566 | 1,049 | 549 | 63 | 139 | — | — | — | — |
| Carpenters | 567 | 33,002 | 11,175 | 3,148 | 7,795 | 2,055 | 76 | 74 | 339 |
| Apprentices, carpenter | 569 | 1,171 | 375 | 77 | 186 | 81 | — | — | — |
| Drywall installers | 573 | 3,900 | 1,351 | 534 | 565 | 273 | — | — | — |
| Electricians | 575 | 14,469 | 5,611 | 1,028 | 1,932 | 872 | 89 | 65 | 79 |

See footnotes at end of table.

TABLE R9. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected natures of injury or illness, 1998 — Continued

| Occupation | Nature of injury or illness ³ | | | | | | | All other natures ⁴ |
|--|--|------------|---|--|--------------------------|---------------------------------|---------------------------|--------------------------------|
| | Carpal tunnel syndrome | Tendonitis | Multiple traumatic injuries and disorders | | | Back pain and pain, except back | | |
| | | | Total | With fractures burns, and other injuries | With sprains and bruises | Total | Back pain, hurt back only | |
| Apprentices, automobile mechanic | - | - | 99 | 99 | - | - | - | 39 |
| Mechanics, bus, truck, stationary engine | 60 | 77 | 301 | 63 | 75 | 656 | 229 | 2,346 |
| Mechanics, aircraft engine | - | - | 83 | - | - | 112 | 78 | 383 |
| Repairers, small engine | - | - | - | - | - | - | - | 216 |
| Repairers, automobile body | 20 | - | 41 | - | - | 215 | 78 | 1,431 |
| Mechanics, aircraft, except engine | - | - | - | - | - | - | - | 138 |
| Mechanics, heavy equipment | - | - | 66 | - | - | 133 | 65 | 991 |
| Mechanics, farm equipment | - | - | 73 | 72 | - | 53 | - | 132 |
| Repairers, industrial machinery | 108 | 82 | 585 | 144 | 132 | 403 | 163 | 2,447 |
| Machinery maintenance | - | - | 94 | - | - | 82 | - | 458 |
| Repairers, electronic, communication equipment | - | - | 88 | - | - | 601 | 249 | 826 |
| Repairers, data processing equipment | - | - | - | - | - | - | - | 47 |
| Repairers, household appliances, power tools | - | - | 128 | 43 | 39 | 102 | - | 281 |
| Telephone line installers, repairers | - | - | 131 | 38 | - | 310 | 189 | 590 |
| Telephone installers, repairers | 64 | 69 | 116 | - | - | 283 | 143 | 873 |
| Repairers, miscellaneous electrical, electronic | - | - | - | - | - | - | - | 212 |
| Mechanics, heating, air conditioning | 49 | - | 345 | 80 | 188 | 260 | 62 | 1,003 |
| Repairers, camera, watch, musical instruments | - | - | - | - | - | 18 | - | - |
| Locksmiths and safe repairers | - | - | - | - | - | - | - | 53 |
| Repairers, office machines | - | - | - | - | - | 73 | 47 | 216 |
| Repairers, mechanical controls, valves | - | - | - | - | - | 20 | - | - |
| Elevator installers, repairers | - | - | 85 | 82 | - | - | - | 135 |
| Millwrights | - | - | 111 | 70 | - | 90 | 49 | 356 |
| Specified mechanics, repairers, n.e.c. | 38 | - | 154 | - | 18 | 383 | 174 | 1,490 |
| Mechanics, repairers, not specified | 79 | 110 | 504 | 101 | 234 | 1,007 | 440 | 2,757 |
| Construction trades | 775 | 1,143 | 3,130 | 1,042 | 874 | 5,502 | 2,286 | 22,157 |
| Supervisors, brickmasons, stonemasons, tile setters | - | - | - | - | - | 17 | - | - |
| Supervisors, carpenters | 18 | - | 18 | - | - | - | - | 165 |
| Supervisors, electricians, power transmission installers | - | - | - | - | - | - | - | 71 |
| Supervisors, painters, paperhangers, plasterers | - | - | - | - | - | - | - | - |
| Supervisors, plumbers, pipefitters .. | - | - | - | - | - | - | - | - |
| Supervisors, n.e.c. | 19 | 18 | 169 | - | 74 | 261 | 82 | 810 |
| Brickmasons and stonemasons | - | - | 18 | - | - | 139 | 84 | 630 |
| Apprentices, brickmason, stonemason | - | - | - | - | - | - | - | - |
| Tile setters, hard and soft | - | - | - | - | - | 68 | - | 115 |
| Carpet installers | 17 | - | - | - | - | - | - | 224 |
| Carpenters | 274 | 620 | 740 | 320 | 208 | 1,348 | 671 | 5,357 |
| Apprentices, carpenter | - | - | 75 | 74 | - | 196 | 178 | 171 |
| Drywall installers | - | - | 138 | 65 | - | 282 | 87 | 690 |
| Electricians | 125 | 59 | 500 | 149 | 108 | 936 | 297 | 3,173 |

See footnotes at end of table.

TABLE R9. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected natures of injury or illness,1998 — Continued

| Occupation | Occupation code ² | Total cases | Nature of injury or illness ³ | | | | | | |
|---|------------------------------|-------------|--|-----------|-----------------|---------|------------|----------------|-------------|
| | | | Sprains, strains | Fractures | Cuts, punctures | Bruises | Heat burns | Chemical burns | Amputations |
| Apprentices, electrician | 576 | 2,095 | 964 | 189 | 229 | 90 | — | — | — |
| Electrical power installers, repairers | 577 | 3,706 | 2,108 | 212 | 315 | 248 | — | — | — |
| Painters | 579 | 7,568 | 2,596 | 735 | 777 | 637 | 401 | — | — |
| Plasterers | 584 | 943 | 357 | 42 | 52 | 91 | — | 71 | — |
| Plumbers and pipefitters | 585 | 12,224 | 5,715 | 694 | 1,106 | 718 | 375 | 56 | — |
| Apprentices, plumber, pipefitter | 587 | 1,130 | 426 | 59 | 161 | 244 | — | — | — |
| Concrete and terrazzo finishers | 588 | 2,660 | 1,163 | 167 | 214 | 348 | 209 | 46 | — |
| Glaziers | 589 | 2,101 | 702 | — | 744 | 68 | 20 | — | — |
| Insulation workers | 593 | 2,781 | 1,110 | 108 | 483 | 294 | — | — | — |
| Operators, paving, surfacing, tamping equipment | 594 | 152 | 76 | — | — | 17 | — | — | — |
| Roofers | 595 | 5,771 | 2,410 | 648 | 563 | 325 | 434 | — | — |
| Sheetmetal duct installers | 596 | 4,001 | 1,605 | 161 | 693 | 176 | 93 | — | — |
| Structural metal workers | 597 | 4,990 | 1,826 | 1,017 | 349 | 258 | 175 | — | 42 |
| Drillers, earth | 598 | 365 | 124 | — | 56 | — | — | — | — |
| Construction trades, n.e.c. | 599 | 4,287 | 1,741 | 305 | 401 | 625 | 57 | — | 17 |
| Extractive | | 3,869 | 1,235 | 693 | 312 | 430 | 43 | 45 | — |
| Supervisors, extractive workers | 613 | 526 | 214 | 93 | — | — | — | — | — |
| Drillers, oil well | 614 | 621 | 187 | 74 | 45 | 50 | — | — | — |
| Explosives workers | 615 | 59 | — | — | — | — | — | — | — |
| Operators, mining machines | 616 | 482 | 177 | 58 | — | 63 | — | — | — |
| Mining occupations, n.e.c. | 617 | 2,181 | 627 | 466 | 207 | 275 | — | — | — |
| Precision production | | 64,578 | 22,345 | 4,622 | 10,970 | 4,491 | 958 | 527 | 945 |
| Supervisors, production workers | 628 | 12,646 | 4,728 | 1,131 | 1,501 | 899 | 337 | 146 | 274 |
| Tool and die makers | 634 | 2,503 | 820 | 126 | 604 | 75 | — | — | — |
| Apprentices, tool, die makers | 635 | 439 | 186 | 42 | 115 | — | — | — | — |
| Assemblers, precision, metal | 636 | 2,516 | 1,280 | 157 | 176 | 172 | — | — | — |
| Machinists | 637 | 9,385 | 2,851 | 755 | 1,769 | 625 | 37 | — | 154 |
| Apprentices, machinists | 639 | 154 | 62 | — | — | — | — | — | 39 |
| Boilermakers | 643 | 1,026 | 451 | 207 | 80 | 59 | 39 | — | — |
| Precision grinders, tool sharpeners | 644 | 131 | 67 | — | 17 | — | — | — | — |
| Patternmakers, model makers, metal | 645 | 73 | — | — | — | — | — | — | — |
| Lay-out workers | 646 | 945 | 356 | 91 | 88 | 161 | — | — | — |
| Precious stones and metals workers | 647 | 99 | — | — | — | — | — | — | — |
| Engravers, metal | 649 | 189 | 52 | — | — | — | — | — | — |
| Sheet metal workers | 653 | 3,946 | 1,252 | 378 | 628 | 481 | — | — | — |
| Apprentices, sheet metal workers .. | 654 | 195 | 89 | — | — | — | — | — | — |
| Miscellaneous precision metal workers | 655 | 178 | 104 | — | — | — | — | — | — |
| Patternmakers, model makers, wood | 656 | 125 | — | — | 101 | — | — | — | — |
| Cabinet makers, bench carpenters | 657 | 1,769 | 339 | 192 | 500 | 112 | — | — | 72 |
| Furniture and wood finishers | 658 | 178 | 64 | — | 19 | — | — | — | — |
| Miscellaneous precision woodworkers | 659 | — | 19 | — | — | — | — | — | — |
| Dressmakers | 666 | 297 | 102 | — | 81 | — | — | — | — |
| Tailors | 667 | 439 | 107 | — | 91 | 47 | — | — | — |
| Upholsterers | 668 | 843 | 192 | 120 | 63 | 43 | — | — | — |
| Shoe repairers | 669 | 176 | 99 | — | — | 19 | — | — | — |
| Miscellaneous precision apparel, fabric workers | 674 | 158 | 53 | — | 48 | — | — | — | — |

See footnotes at end of table.

TABLE R9. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected natures of injury or illness, 1998 — Continued

| Occupation | Nature of injury or illness ³ | | | | | | | All other natures ⁴ |
|---|--|------------|---|--|--------------------------|---------------------------------|---------------------------|--------------------------------|
| | Carpal tunnel syndrome | Tendonitis | Multiple traumatic injuries and disorders | | | Back pain and pain, except back | | |
| | | | Total | With fractures burns, and other injuries | With sprains and bruises | Total | Back pain, hurt back only | |
| Apprentices, electrician | — | 17 | 75 | 44 | — | 99 | — | 413 |
| Electrical power installers, repairers | — | — | 99 | 46 | — | 154 | 89 | 509 |
| Painters | 57 | 41 | 154 | 56 | 49 | 219 | 119 | 1,919 |
| Plasterers | — | — | 152 | 73 | 67 | — | — | 149 |
| Plumbers and pipefitters | 74 | 212 | 247 | 63 | 59 | 379 | 212 | 2,614 |
| Apprentices, plumber, pipefitter | — | — | — | — | — | 41 | — | 196 |
| Concrete and terrazzo finishers | — | — | — | — | — | 85 | — | 376 |
| Glaziers | — | 19 | 20 | — | — | 160 | 77 | 320 |
| Insulation workers | — | — | 85 | — | 55 | 146 | 41 | 537 |
| Operators, paving, surfacing, tamping equipment | — | — | — | — | — | — | — | 38 |
| Roofers | — | — | 324 | 53 | 47 | 164 | 47 | 822 |
| Sheetmetal duct installers | — | — | 49 | — | — | 440 | 52 | 729 |
| Structural metal workers | — | — | 199 | 48 | 56 | 139 | 58 | 966 |
| Drillers, earth | — | — | — | — | — | 16 | — | 126 |
| Construction trades, n.e.c. | — | — | 17 | — | — | 85 | — | 967 |
| Extractive | — | — | 208 | — | 64 | 132 | 60 | 748 |
| Supervisors, extractive workers | — | — | 19 | — | — | — | — | 125 |
| Drillers, oil well | — | — | — | — | — | — | — | 182 |
| Explosives workers | — | — | — | — | — | — | — | — |
| Operators, mining machines | — | — | 72 | — | 47 | — | — | 55 |
| Mining occupations, n.e.c. | — | — | 90 | — | — | 90 | 50 | 378 |
| Precision production | 1,699 | 1,124 | 1,711 | 564 | 427 | 3,147 | 1,111 | 12,041 |
| Supervisors, production workers | 78 | 87 | 404 | 82 | 81 | 799 | 215 | 2,259 |
| Tool and die makers | 63 | — | 80 | 59 | — | 93 | 38 | 584 |
| Apprentices, tool, die makers | — | — | — | — | — | — | — | 81 |
| Assemblers, precision, metal | 65 | 37 | 66 | — | — | 146 | — | 409 |
| Machinists | 173 | 92 | 243 | 128 | — | 434 | 182 | 2,235 |
| Apprentices, machinists | — | — | — | — | — | — | — | 17 |
| Boilermakers | — | — | — | — | — | — | — | 115 |
| Precision grinders, tool sharpeners | — | — | — | — | — | — | — | — |
| Patternmakers, model makers, metal | — | — | — | — | — | — | — | — |
| Lay-out workers | — | — | 38 | — | — | — | — | 150 |
| Precious stones and metals workers | — | — | — | — | — | — | — | 41 |
| Engravers, metal | — | — | — | — | — | — | — | 59 |
| Sheet metal workers | 46 | 61 | 116 | 59 | — | 137 | 45 | 793 |
| Apprentices, sheet metal workers .. | — | — | — | — | — | — | — | 49 |
| Miscellaneous precision metal workers | — | — | — | — | — | — | — | — |
| Patternmakers, model makers, wood | — | — | — | — | — | — | — | — |
| Cabinet makers, bench carpenters | — | — | 81 | 76 | — | — | — | 435 |
| Furniture and wood finishers | — | — | — | — | — | — | — | 67 |
| Miscellaneous precision woodworkers | — | — | — | — | — | — | — | — |
| Dressmakers | — | — | — | — | — | — | — | — |
| Tailors | — | — | — | — | — | — | — | 136 |
| Upholsterers | — | 79 | 37 | — | — | 151 | 39 | 136 |
| Shoe repairers | — | — | — | — | — | — | — | 17 |
| Miscellaneous precision apparel, fabric workers | — | — | — | — | — | — | — | — |

See footnotes at end of table.

TABLE R9. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected natures of injury or illness,1998 — Continued

| Occupation | Occupation code ² | Total cases | Nature of injury or illness ³ | | | | | | |
|---|------------------------------|----------------|--|---------------|-----------------|---------------|--------------|----------------|--------------|
| | | | Sprains, strains | Fractures | Cuts, punctures | Bruises | Heat burns | Chemical burns | Amputations |
| Hand molders, shapers, except jewelers | 675 | 469 | 129 | 54 | - | - | - | 60 | - |
| Patternmakers, lay-out workers, cutters | 676 | 126 | 19 | - | - | - | - | - | - |
| Optical goods workers | 677 | 203 | 76 | - | - | - | - | - | - |
| Dental, medical appliance technicians | 678 | 274 | 43 | - | 64 | - | - | - | - |
| Bookbinders | 679 | 210 | 75 | - | - | - | - | - | - |
| Assemblers, electrical, electronic ... | 683 | 6,302 | 2,134 | 234 | 537 | 554 | 42 | - | 46 |
| Miscellaneous precision workers, n.e.c. | 684 | 2,190 | 749 | 201 | 250 | 135 | - | - | 37 |
| Butchers and meat cutters | 686 | 8,953 | 2,526 | 496 | 3,365 | 384 | 65 | 39 | 197 |
| Bakers | 687 | 1,493 | 499 | - | 149 | 154 | 115 | - | - |
| Food batchmakers | 688 | 931 | 298 | - | 85 | - | 113 | - | - |
| Inspectors, testers, graders | 689 | 1,888 | 1,049 | 84 | 38 | 143 | - | - | - |
| Adjusters and calibrators | 693 | 81 | 39 | - | - | - | - | - | - |
| Operators, water, sewage treatment plants | 694 | 427 | 171 | - | 55 | 62 | - | 46 | - |
| Operators, power plants | 695 | 140 | 93 | - | - | - | - | - | - |
| Stationary engineers | 696 | 2,184 | 1,023 | 94 | 352 | 164 | 40 | 63 | - |
| Operators, miscellaneous plant and systems | 699 | 269 | 87 | 58 | - | - | - | - | - |
| Operators, fabricators, and laborers .. | | 729,025 | 319,049 | 50,264 | 68,313 | 70,441 | 8,063 | 5,182 | 5,849 |
| Machine operators, tenders | | 171,673 | 63,505 | 10,766 | 21,287 | 15,668 | 3,537 | 1,729 | 3,206 |
| Set-up, lathes and turning machines | 703 | 591 | 192 | - | 119 | 54 | - | - | - |
| Lathes and turning machines | 704 | 1,584 | 636 | 76 | 233 | 120 | - | - | - |
| Milling and planing machines | 705 | 398 | 151 | - | 113 | - | - | - | - |
| Punching and stamping machines | 706 | 5,910 | 2,097 | 417 | 1,009 | 464 | 56 | - | 275 |
| Rolling machines | 707 | 577 | 267 | 39 | 61 | 58 | 16 | - | - |
| Drilling and boring machines | 708 | 622 | 232 | 39 | 77 | 66 | - | - | - |
| Grinding and polishing machines ... | 709 | 6,523 | 1,971 | 360 | 900 | 560 | 19 | - | 82 |
| Forging machines | 713 | 797 | 177 | 54 | 104 | 110 | - | - | - |
| Numerical control machines | 714 | 1,004 | 263 | - | 275 | 41 | - | - | - |
| Miscellaneous metal, plastic, stone, glass working machines | 715 | 1,144 | 436 | 110 | 181 | 68 | 42 | - | 47 |
| Fabricating machines, n.e.c. | 717 | 1,890 | 563 | 114 | 574 | 145 | 17 | - | 48 |
| Molding and casting machines | 719 | 4,968 | 1,948 | 195 | 477 | 436 | 395 | 18 | 73 |
| Metal plating machines | 723 | 1,108 | 345 | 41 | 80 | 62 | 46 | 116 | 70 |
| Heat treating machines | 724 | 996 | 498 | 49 | 52 | - | - | - | - |
| Miscellaneous metal, plastic processing machines | 725 | 664 | 262 | 41 | 86 | 81 | - | - | - |
| Wood lathe, routing, planing machines | 726 | 352 | 132 | - | 46 | 40 | - | - | 17 |
| Sawing machines | 727 | 4,551 | 1,299 | 339 | 998 | 582 | - | - | 167 |
| Shaping, joining machines | 728 | 631 | 190 | - | 260 | 67 | - | - | - |
| Nailing, tacking machines | 729 | 153 | 57 | - | 18 | - | - | - | - |
| Miscellaneous woodworking machines | 733 | 1,975 | 494 | 168 | 477 | 177 | - | - | 127 |
| Printing press operators | 734 | 5,576 | 2,046 | 307 | 627 | 517 | - | 70 | 84 |
| Photoengravers and lithographers | 735 | 248 | 93 | - | - | 17 | - | - | - |
| Typesetters and compositors | 736 | 176 | - | - | - | 19 | - | - | - |
| Miscellaneous printing machines ... | 737 | 2,032 | 802 | 102 | 304 | 152 | - | - | 18 |
| Winding, twisting machines | 738 | 872 | 381 | 66 | 69 | 83 | - | - | - |

See footnotes at end of table.

TABLE R9. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected natures of injury or illness, 1998 — Continued

| Occupation | Nature of injury or illness ³ | | | | | | | All other natures ⁴ |
|---|--|--------------|---|--|--------------------------|---------------------------------|---------------------------|--------------------------------|
| | Carpal tunnel syndrome | Tendonitis | Multiple traumatic injuries and disorders | | | Back pain and pain, except back | | |
| | | | Total | With fractures burns, and other injuries | With sprains and bruises | Total | Back pain, hurt back only | |
| Hand molders, shapers, except jewelers | 17 | - | - | - | - | - | - | 129 |
| Patternmakers, lay-out workers, cutters | - | - | - | - | - | 50 | 49 | 45 |
| Optical goods workers | - | - | - | - | - | - | - | 43 |
| Dental, medical appliance technicians | 136 | - | 17 | - | - | - | - | - |
| Bookbinders | - | - | - | - | - | - | - | 48 |
| Assemblers, electrical, electronic ... | 518 | 353 | 168 | - | 61 | 391 | 127 | 1,292 |
| Miscellaneous precision workers, n.e.c. | - | 50 | 72 | - | - | 124 | 66 | 512 |
| Butchers and meat cutters | 216 | 158 | 110 | 68 | 16 | 383 | 136 | 1,014 |
| Bakers | 119 | - | 102 | 16 | 65 | - | 18 | 258 |
| Food batchmakers | 50 | - | 42 | - | - | 36 | - | 208 |
| Inspectors, testers, graders | 54 | - | 39 | - | - | 71 | - | 329 |
| Adjusters and calibrators | - | - | - | - | - | - | - | 18 |
| Operators, water, sewage treatment plants | - | - | - | - | - | - | - | 69 |
| Operators, power plants | - | - | - | - | - | - | - | - |
| Stationary engineers | - | - | - | - | - | 65 | - | 329 |
| Operators, miscellaneous plant and systems | - | - | - | - | - | 17 | 17 | - |
| Operators, fabricators, and laborers .. | 10,687 | 8,580 | 23,747 | 5,025 | 7,630 | 41,255 | 16,989 | 117,594 |
| Machine operators, tenders | 4,790 | 3,275 | 5,234 | 1,525 | 1,307 | 8,862 | 2,993 | 29,813 |
| Set-up, lathes and turning machines | - | - | - | - | - | 54 | - | 99 |
| Lathes and turning machines | 58 | 19 | - | 16 | - | 49 | - | 312 |
| Milling and planing machines | - | - | 18 | - | - | - | - | 17 |
| Punching and stamping machines | 104 | 67 | 180 | 59 | 51 | 237 | 105 | 1,000 |
| Rolling machines | - | - | - | - | - | - | - | 82 |
| Drilling and boring machines | - | - | - | - | - | - | - | 151 |
| Grinding and polishing machines ... | 214 | 105 | 107 | - | - | 221 | 74 | 1,949 |
| Forging machines | - | 41 | - | - | - | 95 | - | 137 |
| Numerical control machines | 41 | - | 144 | 133 | - | - | - | 182 |
| Miscellaneous metal, plastic, stone, glass working machines | - | - | - | - | - | 50 | - | 156 |
| Fabricating machines, n.e.c. | - | - | 90 | - | 43 | 78 | - | 226 |
| Molding and casting machines | 153 | 38 | 154 | 38 | 19 | 214 | 70 | 867 |
| Metal plating machines | - | - | - | - | - | 67 | - | 222 |
| Heat treating machines | 72 | - | - | - | - | 82 | - | 155 |
| Miscellaneous metal, plastic processing machines | - | 17 | 17 | - | - | - | - | 126 |
| Wood lathe, routing, planing machines | - | - | - | - | - | - | - | 86 |
| Sawing machines | 65 | 51 | 185 | 52 | - | 135 | 65 | 720 |
| Shaping, joining machines | - | - | - | - | - | - | - | 47 |
| Nailing, tacking machines | - | - | - | - | - | - | - | - |
| Miscellaneous woodworking machines | - | - | 113 | - | 71 | 85 | 39 | 263 |
| Printing press operators | 79 | 149 | 131 | - | - | 428 | 90 | 1,104 |
| Photoengravers and lithographers | - | - | - | - | - | - | - | 58 |
| Typesetters and compositors | 18 | - | - | - | - | - | - | - |
| Miscellaneous printing machines ... | 71 | 43 | 64 | 39 | 18 | 91 | - | 369 |
| Winding, twisting machines | - | 16 | - | - | - | 69 | - | 124 |

See footnotes at end of table.

TABLE R9. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected natures of injury or illness,1998 — Continued

| Occupation | Occupation code ² | Total cases | Nature of injury or illness ³ | | | | | | |
|---|------------------------------|-------------|--|-----------|-----------------|---------|------------|----------------|-------------|
| | | | Sprains, strains | Fractures | Cuts, punctures | Bruises | Heat burns | Chemical burns | Amputations |
| Knitting, looping, weaving machines | 739 | 445 | 151 | 16 | 102 | 58 | - | - | - |
| Textile cutting machines | 743 | 138 | - | - | - | - | - | - | - |
| Textile sewing machines | 744 | 6,217 | 2,180 | 276 | 707 | 455 | - | - | - |
| Shoe machines | 745 | 439 | 122 | - | 50 | - | - | - | - |
| Pressing machines | 747 | 852 | 223 | 46 | - | - | 235 | - | - |
| Laundry, dry cleaning machines | 748 | 3,795 | 1,772 | 216 | 154 | 389 | 43 | 44 | - |
| Miscellaneous textile machines | 749 | 1,434 | 629 | 91 | 127 | 118 | - | - | - |
| Cementing, gluing machines | 753 | 821 | 351 | 52 | 42 | 57 | - | - | - |
| Packaging, filling machines | 754 | 12,268 | 4,702 | 528 | 1,110 | 1,369 | 157 | 84 | 132 |
| Extruding and forming machines | 755 | 2,457 | 973 | 176 | 276 | 183 | - | - | 60 |
| Mixing and blending machines | 756 | 3,461 | 1,361 | 287 | 180 | 373 | 143 | 135 | - |
| Separating, filtering, clarifying machines | 757 | 2,327 | 1,070 | 64 | 104 | 107 | 58 | 250 | 41 |
| Compressing, compacting machines | 758 | 1,579 | 544 | 134 | 132 | 140 | - | 17 | - |
| Painting and paint spraying machines | 759 | 5,041 | 2,287 | 321 | 374 | 376 | 38 | 101 | - |
| Roasting, baking machines | 763 | 197 | - | - | - | 43 | - | - | - |
| Washing, cleaning, pickling machines | 764 | 836 | 316 | 86 | 41 | 151 | 48 | - | - |
| Folding machines | 765 | 538 | 251 | - | 18 | 40 | - | - | - |
| Operators, furnace, kiln, oven, except food | 766 | 3,620 | 1,436 | 251 | 201 | 323 | 536 | - | - |
| Crushing and grinding machines | 768 | 2,171 | 858 | 182 | 167 | 138 | 48 | - | 16 |
| Slicing and cutting machines | 769 | 6,148 | 2,016 | 341 | 1,509 | 356 | - | - | 162 |
| Photographic processing machines | 774 | 1,348 | 580 | - | 67 | 213 | - | - | - |
| Miscellaneous machine operators, n.e.c. | 777 | 55,163 | 20,385 | 3,714 | 6,900 | 5,099 | 1,043 | 523 | 1,142 |
| Machine operators, not specified | 779 | 15,004 | 5,662 | 1,187 | 1,779 | 1,661 | 216 | 145 | 294 |
| Fabricators and assemblers | 783 | 76,740 | 28,328 | 4,013 | 8,819 | 5,671 | 1,267 | 336 | 511 |
| Welders and cutters | 783 | 28,363 | 8,677 | 1,837 | 3,007 | 2,137 | 983 | 126 | 126 |
| Solderers and brazers | 784 | 193 | 79 | - | - | - | 18 | - | - |
| Assemblers | 785 | 43,262 | 17,019 | 2,007 | 5,193 | 3,308 | 202 | 196 | 370 |
| Hand cutting and trimming | 786 | 668 | 204 | - | 154 | 63 | - | - | - |
| Hand molding, casting, forming | 787 | 842 | 372 | - | 168 | 40 | - | - | - |
| Hand painting, coating, decorating | 789 | 673 | 295 | 37 | 48 | - | 47 | - | - |
| Hand engraving, printing | 793 | 135 | 105 | - | - | - | - | - | - |
| Miscellaneous hand working | 795 | 2,604 | 1,577 | 60 | 238 | 87 | - | - | - |
| Production inspectors, testers, weighers | 796 | 13,633 | 5,926 | 699 | 1,095 | 1,336 | 68 | 109 | 70 |
| Production inspectors | 796 | 8,479 | 3,615 | 424 | 422 | 702 | 49 | 92 | 51 |
| Production testers | 797 | 591 | 156 | 102 | 88 | 54 | - | - | - |
| Production samplers and weighers | 798 | 227 | 86 | 16 | 39 | - | - | - | - |
| Graders, sorters, except farm | 799 | 4,336 | 2,068 | 157 | 545 | 558 | - | - | 19 |
| Transportation and material moving ... | | 191,147 | 100,783 | 14,658 | 9,209 | 17,103 | 589 | 965 | 635 |
| Supervisors, motor vehicle operators | 803 | 531 | 302 | - | - | - | - | - | - |
| Truckdrivers | 804 | 131,785 | 70,897 | 9,995 | 5,861 | 11,479 | 247 | 640 | 309 |
| Driver-sales workers | 806 | 15,746 | 9,497 | 773 | 548 | 1,197 | 105 | 76 | 18 |
| Bus drivers | 808 | 6,651 | 3,666 | 253 | 311 | 516 | - | 18 | - |
| Taxicab drivers and chauffeurs | 809 | 1,235 | 727 | - | 50 | 42 | - | - | 16 |
| Parking lot attendants | 813 | 525 | 242 | - | - | 40 | - | - | - |
| Motor transportation, n.e.c. | 814 | 232 | 59 | - | 67 | - | - | - | - |

See footnotes at end of table.

TABLE R9. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected natures of injury or illness, 1998 — Continued

| Occupation | Nature of injury or illness ³ | | | | | | | All other natures ⁴ |
|---|--|------------|---|---|--------------------------|---------------------------------|---------------------------|--------------------------------|
| | Carpal tunnel syndrome | Tendonitis | Multiple traumatic injuries and disorders | | | Back pain and pain, except back | | |
| | | | Total | With fractures, burns, and other injuries | With sprains and bruises | Total | Back pain, hurt back only | |
| Knitting, looping, weaving machines | - | - | - | - | - | - | - | 70 |
| Textile cutting machines | - | 42 | - | - | - | - | - | - |
| Textile sewing machines | 715 | 323 | 104 | - | - | 551 | 121 | 834 |
| Shoe machines | 50 | - | - | - | - | - | - | 94 |
| Pressing machines | - | 66 | 18 | - | - | 56 | - | 106 |
| Laundry, dry cleaning machines | 19 | 56 | - | - | - | 229 | 80 | 850 |
| Miscellaneous textile machines | 42 | 59 | 42 | - | - | 89 | - | 196 |
| Cementing, gluing machines | 20 | 52 | - | - | - | 66 | - | 144 |
| Packaging, filling machines | 448 | 434 | 302 | 55 | 166 | 1,137 | 319 | 1,864 |
| Extruding and forming machines | - | 85 | 39 | - | - | 142 | - | 452 |
| Mixing and blending machines | - | 52 | 171 | - | 69 | 115 | 46 | 597 |
| Separating, filtering, clarifying machines | 54 | - | 52 | - | - | 157 | 84 | 364 |
| Compressing, compacting machines | - | - | 40 | - | - | 169 | 67 | 334 |
| Painting and paint spraying machines | 97 | 132 | 158 | 40 | 77 | 232 | 66 | 911 |
| Roasting, baking machines | - | - | - | - | - | - | - | - |
| Washing, cleaning, pickling machines | 16 | - | - | - | - | - | 19 | 78 |
| Folding machines | - | - | - | - | - | - | - | 108 |
| Operators, furnace, kiln, oven, except food | 46 | - | 89 | - | - | 108 | - | 545 |
| Crushing and grinding machines | 82 | - | 65 | - | - | 86 | - | 476 |
| Slicing and cutting machines | 165 | 102 | 350 | 58 | 17 | 297 | 157 | 812 |
| Photographic processing machines | 113 | - | - | - | - | 49 | 20 | 217 |
| Miscellaneous machine operators, n.e.c. | 1,417 | 784 | 1,922 | 617 | 410 | 2,431 | 906 | 9,800 |
| Machine operators, not specified ... | 283 | 298 | 320 | 92 | 110 | 775 | 307 | 2,384 |
| Fabricators and assemblers | 2,832 | 1,985 | 1,678 | 408 | 488 | 3,199 | 1,088 | 18,101 |
| Welders and cutters | 454 | 159 | 616 | 208 | 105 | 1,091 | 384 | 9,151 |
| Solderers and brazers | 19 | 17 | - | - | - | - | - | - |
| Assemblers | 2,242 | 1,720 | 912 | 200 | 243 | 1,925 | 626 | 8,170 |
| Hand cutting and trimming | - | - | - | - | - | - | - | 146 |
| Hand molding, casting, forming | - | - | - | - | - | 39 | - | 157 |
| Hand painting, coating, decorating | - | - | 20 | - | - | 37 | - | 112 |
| Hand engraving, printing | - | - | - | - | - | - | - | 17 |
| Miscellaneous hand working | 72 | 39 | 127 | - | 124 | 73 | 51 | 323 |
| Production inspectors, testers, weighers | 343 | 221 | 250 | 55 | 125 | 874 | 487 | 2,642 |
| Production inspectors | 293 | 172 | 194 | - | 100 | 600 | 335 | 1,865 |
| Production testers | - | - | - | - | - | - | - | 127 |
| Production samplers and weighers | - | - | - | - | - | - | - | 49 |
| Graders, sorters, except farm | 37 | 37 | 47 | - | - | 247 | 143 | 601 |
| Transportation and material moving ... | 604 | 912 | 8,161 | 1,229 | 2,822 | 12,057 | 5,346 | 25,471 |
| Supervisors, motor vehicle operators | - | - | - | - | - | 52 | 17 | 99 |
| Truckdrivers | 341 | 555 | 6,019 | 949 | 2,103 | 8,246 | 3,565 | 17,196 |
| Driver-sales workers | 53 | 216 | 431 | - | 224 | 1,178 | 691 | 1,653 |
| Bus drivers | 19 | 67 | 232 | - | 117 | 559 | 217 | 993 |
| Taxicab drivers and chauffeurs | - | - | 55 | - | - | 140 | 47 | 169 |
| Parking lot attendants | - | - | - | - | - | 51 | - | 144 |
| Motor transportation, n.e.c. | - | - | - | - | - | - | - | - |

See footnotes at end of table.

TABLE R9. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected natures of injury or illness,1998 — Continued

| Occupation | Occupation code ² | Total cases | Nature of injury or illness ³ | | | | | | |
|---|------------------------------|-------------|--|-----------|-----------------|---------|------------|----------------|-------------|
| | | | Sprains, strains | Fractures | Cuts, punctures | Bruises | Heat burns | Chemical burns | Amputations |
| Railroad conductors and yardmasters | 823 | 1,316 | 725 | 101 | 76 | 200 | — | — | 17 |
| Locomotive operators | 824 | 803 | 414 | 49 | 43 | 121 | — | — | — |
| Railroad brake, signal, switch operators | 825 | 734 | 397 | 57 | 55 | 105 | — | — | — |
| Rail vehicle operators, n.e.c. | 826 | 42 | — | — | — | — | — | — | — |
| Ship captains, mates, except fishing | 828 | 341 | 187 | — | — | 49 | — | — | — |
| Sailors and deckhands | 829 | 1,007 | 558 | 65 | — | 86 | — | — | — |
| Marine engineers | 833 | 68 | — | — | — | — | — | — | — |
| Supervisors, material moving equipment operators | 843 | 1,219 | 488 | 196 | 52 | 164 | — | — | — |
| Operating engineers | 844 | 4,126 | 1,658 | 481 | 450 | 333 | — | — | — |
| Longshore equipment operators | 845 | 281 | 109 | — | — | 59 | — | — | — |
| Hoist and winch operators | 848 | 874 | 358 | 115 | 72 | 128 | — | — | — |
| Crane and tower operators | 849 | 1,573 | 581 | 196 | 109 | 256 | — | — | — |
| Excavating and loading machine operators | 853 | 1,684 | 668 | 227 | 58 | 87 | — | 41 | 113 |
| Grader, dozer, scraper operators ... | 855 | 805 | 359 | 205 | 55 | — | — | — | — |
| Industrial truck operators | 856 | 14,407 | 6,390 | 1,420 | 828 | 1,668 | 112 | 89 | — |
| Miscellaneous moving equipment operators | 859 | 5,162 | 2,441 | 377 | 484 | 483 | — | 75 | — |
| Handlers, equipment cleaners, helpers, laborers | | 275,833 | 120,507 | 20,129 | 27,903 | 30,662 | 2,603 | 2,042 | 1,426 |
| Supervisors, handlers, equipment cleaners, and laborers | 864 | 1,317 | 579 | 81 | 67 | 153 | — | — | — |
| Helpers, mechanics and repairers | 865 | 2,111 | 506 | 160 | 247 | 209 | 117 | 82 | — |
| Helpers, construction trades | 866 | 7,604 | 2,190 | 1,122 | 1,688 | 629 | 66 | — | — |
| Helpers, surveyors | 867 | 339 | 103 | 57 | 48 | — | — | — | — |
| Helpers, extractive | 868 | 210 | 58 | 56 | — | 20 | — | — | — |
| Construction laborers | 869 | 44,057 | 16,817 | 4,927 | 6,389 | 3,796 | 477 | 307 | 270 |
| Helpers, production | 874 | 6,341 | 2,157 | 481 | 796 | 565 | 123 | 103 | 117 |
| Garbage collectors | 875 | 1,196 | 740 | — | 72 | 160 | — | — | — |
| Stevedores | 876 | 1,237 | 403 | 80 | 78 | 216 | — | — | — |
| Stock handlers and baggers | 877 | 26,274 | 12,816 | 1,232 | 2,642 | 3,257 | 130 | 78 | 42 |
| Machine feeders and offbearers | 878 | 4,796 | 2,270 | 168 | 439 | 559 | 49 | — | 63 |
| Freight, stock, material handlers, n.e.c. | 883 | 59,054 | 28,316 | 3,559 | 4,748 | 7,832 | 182 | 214 | 159 |
| Garages, service stations | 885 | 6,315 | 2,506 | 473 | 629 | 680 | 54 | 108 | 63 |
| Vehicle washers and cleaners | 887 | 7,915 | 2,731 | 491 | 615 | 1,031 | 139 | 401 | 43 |
| Hand packers and packagers | 888 | 9,819 | 4,407 | 483 | 875 | 963 | 44 | — | 46 |
| Laborers, nonconstruction | 889 | 97,250 | 43,909 | 6,733 | 8,561 | 10,566 | 1,187 | 684 | 528 |
| Nonclassifiable | 999 | 13,537 | 4,149 | 529 | 729 | 646 | 144 | — | 19 |

See footnotes at end of table.

TABLE R9. Number of nonfatal occupational injuries and illnesses involving days away from work¹ by occupation and selected natures of injury or illness, 1998 — Continued

| Occupation | Nature of injury or illness ³ | | | | | | | All other natures ⁴ |
|---|--|------------|---|---|--------------------------|---------------------------------|---------------------------|--------------------------------|
| | Carpal tunnel syndrome | Tendonitis | Multiple traumatic injuries and disorders | | | Back pain and pain, except back | | |
| | | | Total | With fractures, burns, and other injuries | With sprains and bruises | Total | Back pain, hurt back only | |
| Railroad conductors and yardmasters | - | - | - | - | - | - | - | 193 |
| Locomotive operators | - | - | - | - | - | - | - | 164 |
| Railroad brake, signal, switch operators | - | - | - | - | - | - | - | 109 |
| Rail vehicle operators, n.e.c. | - | - | - | - | - | - | - | - |
| Ship captains, mates, except fishing | - | - | - | - | - | - | - | 38 |
| Sailors and deckhands | - | - | 48 | - | - | 54 | - | 162 |
| Marine engineers | - | - | - | - | - | - | - | - |
| Supervisors, material moving equipment operators | - | - | - | - | - | - | - | 224 |
| Operating engineers | - | - | 123 | 56 | - | 431 | 126 | 589 |
| Longshore equipment operators | - | - | - | - | - | - | - | 40 |
| Hoist and winch operators | - | - | 20 | - | - | - | - | 122 |
| Crane and tower operators | - | - | 65 | 16 | - | 56 | - | 258 |
| Excavating and loading machine operators | - | - | 47 | - | - | 224 | 197 | 210 |
| Grader, dozer, scraper operators ... | - | - | 19 | - | - | 18 | - | 116 |
| Industrial truck operators | 111 | 39 | 775 | 58 | 186 | 702 | 309 | 2,246 |
| Miscellaneous moving equipment operators | - | - | 232 | 56 | 72 | 243 | 111 | 724 |
| Handlers, equipment cleaners, helpers, laborers | 2,118 | 2,187 | 8,423 | 1,809 | 2,889 | 16,264 | 7,075 | 41,567 |
| Supervisors, handlers, equipment cleaners, and laborers | - | - | 75 | - | - | - | - | 294 |
| Helpers, mechanics and repairers | - | - | 65 | - | - | 208 | 160 | 504 |
| Helpers, construction trades | 54 | - | 369 | 139 | 184 | 428 | 161 | 1,033 |
| Helpers, surveyors | - | - | - | - | - | - | - | 77 |
| Helpers, extractive | - | - | 19 | - | - | - | - | - |
| Construction laborers | 223 | 165 | 1,472 | 558 | 324 | 1,983 | 997 | 7,230 |
| Helpers, production | 67 | 64 | 139 | - | 37 | 292 | 143 | 1,438 |
| Garbage collectors | - | - | - | - | - | - | - | 129 |
| Stevedores | - | - | 37 | - | - | 128 | - | 257 |
| Stock handlers and baggers | 234 | 187 | 521 | - | 262 | 1,459 | 521 | 3,676 |
| Machine feeders and offbearers | 95 | 49 | 112 | - | - | 258 | 52 | 710 |
| Freight, stock, material handlers, n.e.c. | 188 | 382 | 1,541 | 194 | 649 | 4,535 | 1,941 | 7,399 |
| Garages, service stations | - | 54 | 228 | 56 | 56 | 235 | 62 | 1,260 |
| Vehicle washers and cleaners | 96 | 80 | 300 | - | 166 | 330 | 145 | 1,659 |
| Hand packers and packagers | 250 | 435 | 356 | 20 | 132 | 668 | 230 | 1,259 |
| Laborers, nonconstruction | 878 | 758 | 3,154 | 756 | 967 | 5,682 | 2,600 | 14,609 |
| Nonclassifiable | 152 | 78 | 416 | 48 | 182 | 1,089 | 720 | 5,556 |

¹ Days-away-from-work cases include those which result in days away from work with or without restricted work activity.

² Based on the 1990 occupational classification structure developed by the Bureau of the Census.

³ Data shown in columns correspond to the following Nature codes: Sprains, strains = 021; Fractures = 012; Cuts, punctures = 034, 037; Bruises = 043; Heat burns = 053; Chemical burns = 051; Amputations = 031; Carpal tunnel syndrome = 1241; Tendonitis = 1733; Multiple traumatic injuries and illnesses, Total = 080-089; With fractures, burns, and other injuries = 083, 084; With sprains and bruises = 082; Back pain and pain,

except back, Total = 0972, 0973; Back pain, hurt back only = 0972; All other natures = all remaining codes, including 9999 (Nonclassifiable). These codes are based on the 1992 Occupational Injury and Illness Classification System developed by the Bureau of Labor Statistics.

⁴ Includes nonclassifiable responses.

NOTE: Dashes indicate data that are not available. Because of rounding, data may not sum to totals.
n.e.c. = not elsewhere classified.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor