| Occupation | Occupation code ${ }^{2}$ | Private industry ${ }^{3,4,5}$ | Goods producing |  |  |  | Service providing |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total goods producing | Natural resources and mining ${ }^{3,4}$ | Construction | Manufacturing | Total service providing | Trade, transportation and utilities ${ }^{5}$ | Information | Financial activities | Professional and business services | Education and health services | Leisure and hospitality | Other services |
| Total ........................ |  | 1,183,500 | 380,440 | 26,290 | 153,180 | 200,970 | 803,060 | 354,510 | 18,560 | 33,300 | 89,940 | 182,210 | 96,910 | 27,640 |
| Management occupations ......... | 11-0000 | 19,800 | 3,880 | 390 | 2,100 | 1,390 | 15,930 | 3,300 | 490 | 2,660 | 1,210 | 3,650 | 3,540 | 1,070 |
| Top executives ..................... | 11-1000 | 2,530 | 760 | 20 | 210 | 530 | 1,770 | 680 | 80 | 250 | 340 | 200 | 120 | 90 |
| Chief executives ................ | 11-1010 | 1,180 | 510 | - | 130 | 380 | 670 | 410 | - | 130 | 40 | - | 20 | 50 |
| Chief executives ............ | 11-1011 | 1,180 | 510 | - | 130 | 380 | 670 | 410 | - | 130 | 40 | - | 20 | 50 |
| General and operations managers | 11-1020 | 1,350 | 250 | 20 | 80 | 160 | 1,110 | 280 | 80 | 130 | 300 | 190 | 90 | 40 |
| General and operations managers | 11-1021 | 1,350 | 250 | 20 | 80 | 160 | 1,110 | 280 | 80 | 130 | 300 | 190 | 90 | 40 |
| Advertising, marketing, promotions, public relations, and sales managers $\qquad$ | 11-2000 | 1,450 | 190 | - | 40 | 140 | 1,260 | 650 | 170 | 60 | 160 | 150 | 70 | - |
| Advertising and promotions managers | 11-2010 | 110 | - | _ | - | - | 100 | - | 40 | - | 50 | - | - | - |
| Advertising and promotions managers Marketing and sales | 11-2011 | 110 | - | - | - | - | 100 | - | 40 | - | 50 | - | - | - |
| managers $\qquad$ | 11-2020 | 1,210 | 150 | - | 30 | 120 | 1,060 | 640 | 130 | 50 | 110 | 100 | 40 | - |
| Marketing managers ...... | 11-2021 | 360 | 50 | - | 20 | 30 | 310 | 120 | 30 | 40 | 20 | 90 | - | - |
| Sales managers ............ | 11-2022 | 860 | 100 | - | - | 90 | 750 | 530 | 100 | - | 90 | - | 30 | - |
| Public relations managers .. | 11-2030 | 130 | 30 | - | - | - | 100 | - | - | - | - | 50 | 30 | - |
| Public relations <br> managers | 11-2031 | 130 | 30 | - | - | - | 100 | - | - | - | - | 50 | 30 | - |
| Operations specialties managers $\qquad$ | 11-3000 | 3,320 | 610 | - | 110 | 500 | 2,710 | 1,220 | 80 | 760 | 360 | 220 | 40 | 30 |
| Administrative services managers $\qquad$ | 11-3010 | 220 | 30 | - | - | 20 | 180 | 50 | - | 60 | 30 | - | - | - |
| Administrative services managers | 11-3011 | 220 | 30 | - | - | 20 | 180 | 50 | - | 60 | 30 | - | - | - |
| Computer and information systems managers | 11-3020 | 120 | - | - | _ | - | 110 | - | 20 | 20 | 50 | - | - | - |
| Computer and information systems managers $\qquad$ | 11-3021 | 120 | - | - | _ | - | 110 | - | 20 | 20 | 50 | - | _ | - |
| Financial managers ........... | 11-3030 | 1,060 | 20 | - | - | 20 | 1,040 | 160 | 30 | 640 | 130 | 60 | - | - |
| Financial managers ........ | 11-3031 | 1,060 | 20 | - | - | 20 | 1,040 | 160 | 30 | 640 | 130 | 60 | - | - |
| Human resources managers | 11-3040 | 280 | 30 | - | - | 20 | 260 | 40 | - | 30 | 80 | 90 | - | - |
| Compensation and benefits managers | 11-3041 | 20 | - | - | - | - | 20 | - | - | - | 20 | - | - | - |
| Training and development managers | 11-3042 | 130 | - | - | - | - | 130 | 30 | - | 30 | 30 | 40 | - | - |
| Human resources |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| managers, all other ...... | 11-3049 | 120 | 20 | - | - | 20 | 100 | - | - | - | 30 | 50 | - | - |
| Industrial production |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| managers ...................... | 11-3050 | 550 | 380 | - | 30 | 350 | 170 | 160 | - | - | - | - | - | - |
| Industrial production managers | 11-3051 | 550 | 380 | - | 30 | 350 | 170 | 160 | - | - | _ | - | - | - |

[^0]


[^1]| Occupation | Occupation code ${ }^{2}$ | Private industry ${ }^{3,4,5}$ | Goods producing |  |  |  | Service providing |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total goods producing | Natural resources and mining ${ }^{3,4}$ | Construction | Manufacturing | Total service providing | Trade, transportation and utilities ${ }^{5}$ | Information | Financial activities | Professional and business services | Education and health services | Leisure and hospitality | Other services |
| Training and development specialists Human resources, training, and labor relations specialists, all other $\qquad$ | 13-1073 | 360 320 | 20 40 | - | - | 20 40 | 340 280 | 40 60 | 30 | 30 | 50 80 | 210 50 | 20 | 20 |
| Logisticians ..................... | 13-1080 | 390 | 20 | - | - | 20 | 360 | 320 | - | - | - | 40 | - | - |
| Logisticians .................. | 13-1081 | 390 | 20 | - | - | 20 | 360 | 320 | - | - | - | 40 | - | - |
| Management analysts ....... | 13-1110 | 680 | 30 | - | - | 20 | 650 | 130 | - | 50 | 390 | 70 | - | - |
| Management analysts .... | 13-1111 | 680 | 30 | - | - | 20 | 650 | 130 | - | 50 | 390 | 70 | - | - |
| Meeting and convention planners | 13-1120 | 80 | - | - | - | - | 70 | - | - | - | 50 | - | - | _ |
| Meeting and convention planners | 13-1121 | 80 | - | - | - | - | 70 | - | - | - | 50 | - | - | - |
| Miscellaneous business operations specialists | 13-1190 | 250 | 30 | - | - | 20 | 220 | 20 | - | 30 | 80 | 70 | - | - |
| Business operations specialists, all other ...... | 13-1199 | 250 | 30 | - | - | 20 | 220 | 20 | - | 30 | 80 | 70 | - | - |
| Financial specialists .............. | 13-2000 | 1,590 | 130 | - | 30 | 80 | 1,450 | 80 | 40 | 740 | 340 | 180 | 60 | 20 |
| Accountants and auditors .. <br> Accountants and | 13-2010 | 830 | 120 | - | 30 | 70 | 710 | 60 | 30 | 130 | 300 | 120 | 60 | - |
| auditors | 13-2011 | 830 | 120 | - | 30 | 70 | 710 | 60 | 30 | 130 | 300 | 120 | 60 | - |
| Appraisers and assessors of real estate $\qquad$ | 13-2020 | 150 | - | - | - | - | 150 | - | - | 150 | - | - | - | - |
| Appraisers and assessors of real estate | 13-2021 | 150 | - | - | - | _ | 150 | - | - | 150 | - | _ | - | - |
| Credit analysts ................. | 13-2040 | 50 | - | - | - | - | 40 | - | - | 20 | - | - | - | - |
| Credit analysts .............. | 13-2041 | 50 | - | - | - | - | 40 | - | - | 20 | - | - | - | - |
| Financial analysts and advisors | 13-2050 | 240 | - | - | - | - | 230 | - | - | 200 | - | - | - | - |
| Financial analysts ......... | 13-2051 | 70 | - | - | - | - | 60 | - | - | 30 | - | - | - | - |
| Personal financial advisors $\qquad$ | 13-2052 | 40 | - | _ | - | - | 40 | _ | - | 40 | _ | _ | - | - |
| Insurance underwriters .. | 13-2053 | 130 | - | - | - | - | 130 | - | - | 130 | - | - | - | - |
| Loan counselors and officers $\qquad$ | 13-2070 | 230 | - | - | - | - | 230 | - | - | 210 | - | - | - | - |
| Loan officers .................. | 13-2072 | 220 | - | - | - | - | 220 | - | - | 210 | - | - | - | - |
| Miscellaneous financial specialists | 13-2090 | 60 | - | - | - | - | 60 | - | - | 20 | - | 20 | - | - |
| Financial specialists, all other $\qquad$ | 13-2099 | 60 | - | - | - | - | 60 | - | - | 20 | - | 20 | - | - |
| Computer and mathematical occupations | 15-0000 | 2,790 | 360 | _ | 60 | 290 | 2,430 | 260 | 590 | 350 | 880 | 250 | 80 | _ |
| Computer specialists ................ | 15-1000 | 2,720 | 340 | - | 60 | 280 | 2,380 | 250 | 580 | 340 | 860 | 250 | 80 | _ |
| Computer programmers ..... | 15-1020 | 180 | - | _ | - | - | 170 | 60 | 20 | - | 60 | 30 | - | - |
| Computer programmers | 15-1021 | 180 | - | - | - | - | 170 | 60 | 20 | - | 60 | 30 | - | - |
| Computer software engineers $\qquad$ | 15-1030 | 270 | 90 | - | - | 90 | 180 | - | 20 | 40 | 80 | - | 30 | - |


| Occupation | Occupation code ${ }^{2}$ | Private industry ${ }^{3,4,5}$ | Goods producing |  |  |  | Service providing |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total goods producing | Natural resources and mining ${ }^{3,4}$ | Construction | Manufacturing | Total service providing | Trade, transportation and utilities ${ }^{5}$ | Information | Financial activities | Professional and business services | Education and health services | Leisure and hospitality | Other services |
| Computer software engineers, applications Computer software engineers, systems software $\qquad$ | $15-1031$ $15-1032$ | 200 70 | 60 30 | - | - | 60 30 | 150 40 | - | - | 40 | 60 20 | - | 30 | - |
| Computer support specialists | 15-1040 | 570 | 90 | - | 50 | 40 | 480 | 60 | 80 | 50 | 220 | 50 | - | - |
| Computer support specialists | 15-1041 | 570 | 90 | - | 50 | 40 | 480 | 60 | 80 | 50 | 220 | 50 | - | - |
| Computer systems analysts Computer systems | 15-1050 | 640 | 100 | - | - | 90 | 540 | 30 | 30 | 140 | 270 | 60 | - | - |
| analysts ..................... | 15-1051 | 640 | 100 | - | - | 90 | 540 | 30 | 30 | 140 | 270 | 60 | - | - |
| Database administrators .... | 15-1060 | 20 | - | - | - | - | 20 | - | - | - | - | - | - | - |
| Database administrators | 15-1061 | 20 | - | - | - | - | 20 | - | - | - | - | - | - | - |
| Network and computer systems administrators .... | 15-1070 | 340 | 20 | - | - | 20 | 320 | - | 200 | 40 | 50 | 20 | - | - |
| Network and computer systems administrators | 15-1071 | 340 | 20 | - | - | 20 | 320 | - | 200 | 40 | 50 | 20 | - | - |
| Network systems and data communications analysts | 15-1080 | 410 | - | - | - | - | 400 | 20 | 150 | 50 | 130 | 40 | - | - |
| Network systems and data communications analysts $\qquad$ | 15-1081 | 410 | - | - | - | - | 400 | 20 | 150 | 50 | 130 | 40 | - | - |
| Miscellaneous computer specialists | 15-1090 | 290 | 30 | - | - | 20 | 260 | 50 | 80 | - | 50 | 30 | 40 | - |
| Computer specialists, all other $\qquad$ | 15-1099 | 290 | 30 | - | - | 20 | 260 | 50 | 80 | _ | 50 | 30 | 40 | - |
| Mathematical science occupations | 15-2000 | 70 | - | - | - | - | 50 | - | - | - | 30 | - | - | - |
| Operations research analysts | 15-2030 | 60 | - | - | - | - | 50 | - | - | - | 30 | - | - | - |
| Operations research analysts | 15-2031 | 60 | - | - | - | - | 50 | - | - | - | 30 | - | - | - |
| Architecture and engineering occupations $\qquad$ | 17-0000 | 5,150 | 1,840 | 130 | 340 | 1,380 | 3,300 | 550 | 440 | 30 | 2,140 | 40 | 50 | 50 |
| Architects, surveyors, and cartographers | 17-1000 | 300 | 40 | - | 30 | 1,380 | 260 | - | - | - | 250 | - | - | - |
| Architects, except naval ..... | 17-1010 | 80 | 20 | - | 20 | - | 60 | - | - | - | 50 | - | - | - |
| Architects, except landscape and naval .... | 17-1011 | 80 | 20 | - | 20 | - | 50 | - | - | - | 50 | - | - | - |
| Surveyors, cartographers, and photogrammetrists .... | 17-1020 | 220 | 20 | - | - | - | 200 | - | - | - | 200 | - | - | - |
| Surveyors ..................... | 17-1022 | 210 | 20 | - |  | - | 200 |  | - | - | 200 | - |  | - |
| Engineers ............................ | 17-2000 | 1,400 | 670 | 100 | 70 | 500 | 730 | 100 | 70 | - | 480 | 20 | 40 | 20 |
| Aerospace engineers ......... | 17-2010 | 20 | 20 | - | - | 20 | - | - | - | - | - | - | - | - |
| Aerospace engineers ..... | 17-2011 | 20 | 20 | - | - | 20 |  | - | - | - |  | - | - | - |
| Civil engineers ................. | 17-2050 | 110 | 60 | - | 50 | - | 50 | - | - | - | 40 | - | - | - |
| Civil engineers .............. | 17-2051 | 110 | 60 | - | 50 | - | 50 | - | - | - | 40 | - | - | - |



[^2]

See footnotes at end of table.


[^3]

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[^5]

[^6]| Occupation | Occupation code ${ }^{2}$ | Private industry ${ }^{3,4,5}$ | Goods producing |  |  |  | Service providing |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total goods producing | Natural resources and mining ${ }^{3,4}$ | Construction | Manufacturing | Total service providing | Trade, transportation and utilities ${ }^{5}$ | Information | Financial activities | Professional and business services | Education and health services | Leisure and hospitality | Other services |
| Actors, producers, and directors $\qquad$ | 27-2010 | 410 | - | - | - | - | 410 | - | 160 | - | - | - | 240 | - |
| Actors | 27-2011 | 270 | - | - | - | - | 270 | - | 20 | - | - | - | 240 | - |
| Producers and directors | 27-2012 | 150 | - | _ | - | - | 150 | - | 140 | - | - | - | - | - |
| Athletes, coaches, umpires, and related workers | 27-2020 | 1,800 | - | - | - | - | 1,800 | - | - | - | - | 270 | 1,480 | 20 |
| Athletes and sports competitors $\qquad$ | 27-2021 | 1,200 | - | - | - | - | 1,200 | - | - | - | - | - | 1,200 | - |
| Coaches and scouts ...... | 27-2022 | + 560 | _ | _ | _ | _ | + 560 | - | _ | _ | _ | 270 | , 250 | _ |
| Umpires, referees, and other sports officials | 27-2023 | 40 | - | - | - | - | 40 | - | - | - | - | - | 30 | - |
| Dancers and choreographers | 27-2030 | 230 | - | - | - | - | 230 | - | - | - | - | - | 220 | - |
| Dancers ......................... | 27-2031 | 230 | - | - | - | - | 230 | _ | - | - | - | - | 220 | - |
| Musicians, singers, and related workers | 27-2040 | 60 | - | - | - | - | 60 | - | - | - | - | - | 60 | - |
|  | 27-2042 | 60 | - | - | - | - | 60 | - | - | - | - | - | 50 | - |
| Miscellaneous entertainers and performers, sports and related workers $\qquad$ | 27-2090 | 230 | - | - | - | - | 230 | - | - | - | - | - | 220 | - |
| Entertainers and performers, sports and related workers, all other $\qquad$ | 27-2099 | 230 | - | - | - | - | 230 | - | - | - | - | - | 220 | - |
| Media and communication workers |  | 710 | - | - | - | - | 710 | 30 |  | - | 80 | 40 | 40 | 90 |
| Announcers ......................... | 27-3010 | 80 | - | - | - | - | 80 | - 30 | 80 | - | - 80 | - 40 | - | 90 |
| Radio and television announcers | 27-3011 | 80 | - | - | - | - | 80 | - | 80 | - | - | - | - | - |
| News analysts, reporters and correspondents | 27-3020 | 170 | - | - | _ | _ | 170 | - | 170 | _ | _ | _ | _ | _ |
| Broadcast news analysts | 27-3021 | 20 | - | - | - | - | 20 | - | 20 | - | - | - | - | - |
| Reporters and correspondents | 27-3022 | 150 | - | - | - | - | 150 | - | 150 | - | - | - | - | - |
| Public relations specialists | 27-3030 | 140 | - | - | - | - | 130 | 20 | 30 | - | - | - | - | 50 |
| Public relations specialists | 27-3031 | 140 | - | - | _ | _ | 130 | 20 | 30 | - | - | _ | - | 50 |
| Writers and editors .............. | 27-3040 | 220 | - | - | - | - | 210 | - | 130 | - | 70 | _ | - |  |
| Editors ......................... | 27-3041 | 120 | - | - | - | - | 120 | - | 120 | - | - | - | - | - |
| Technical writers ........... | 27-3042 | 70 | - | - | - | - | 70 | - | - | - | 60 | - | - | - |
| Writers and authors ........ | 27-3043 | 30 | - | - | - | - | 30 | - | - | - | - | - | - | - |
| Miscellaneous media and communication workers ... | 27-3090 | 110 | - | - | - | - | 110 | - | 20 | - | - | 20 | 20 | - |
| Interpreters and translators $\qquad$ | 27-3091 | 80 | - | - | - | - | 80 |  | 20 |  |  | 20 | 20 | - |
| Media and communication workers, all other $\qquad$ | 27-3099 | 30 | - | - | - | - | 30 | - | - | - | - | - | 20 | - |

[^7]

[^8]| Occupation | Occupation code ${ }^{2}$ | Private industry ${ }^{3,4,5}$ | Goods producing |  |  |  | Service providing |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total goods producing | Natural resources and mining ${ }^{3,4}$ | Construction | Manufacturing | Total service providing | Trade, transportation and utilities ${ }^{5}$ | Information | Financial activities | Professional and business services | Education and health services | Leisure and hospitality | Other services |
| Therapists | 29-1120 | 2,060 | - | - | - | - | 2,060 | - | - | - | - | 2,040 | - | - |
| Occupational therapists | 29-1122 | 220 | - | - | _ | _ | 220 | - | - | - | - | 220 | - | - |
| Physical therapists ......... | 29-1123 | 570 | - | - | - | - | 570 | - | - | - | - | 570 | - | - |
| Radiation therapists ....... | 29-1124 | 40 | - | - | - | - | 40 | - | - | - | - | 40 | - | - |
| Recreational therapists .. | 29-1125 | 100 | - | - | - | - | 100 | - | - | - | - | 100 | - | - |
| Respiratory therapists .... | 29-1126 | 530 | - | - | - | - | 530 | - | - | - | - | 530 | - | - |
| Speech-language pathologists | 29-1127 | 50 | - | - | - | - | 50 | - | - | - | - | 50 | - | - |
| Therapists, all other ....... | 29-1129 | 560 | - | - | - | - | 560 | - | - | - | - | 550 | - | - |
| Veterinarians .................... | 29-1130 | 60 | - | - | - | - | 60 | - | - | - | 50 | - | - | - |
| Veterinarians ................ | 29-1131 | 60 | - | - | - | - | 60 | - | - | - | 50 | - | - | - |
| Health technologists and technicians | 29-2000 | 23,280 | 80 | 40 | - | 40 | 23,210 | 810 | - | 400 | 1,000 | 20,860 | - | 120 |
| Clinical laboratory technologists and technicians | 29-2010 | 2,120 | 20 | - | - | 20 | 2,090 | 360 | - | 260 | 60 | 1,410 | - | - |
| Medical and clinical laboratory technologists | 29-2011 | 2,120 390 | 20 | - | - | 20 | 2,090 390 | 360 | - | 260 | 30 | +1,40 | - | - |
| Medical and clinical laboratory technicians .. | 29-2012 | 1,720 | 20 | - | - | 20 | 1,710 | 350 | - | 260 | 20 | 1,080 | - | - |
| Dental hygienists | 29-2020 | 330 | - | - | - | - | 330 | - | - | - | - | 330 | - | - |
| Dental hygienists | 29-2021 | 330 | - | - | - | - | 330 | - | - | - | - | 330 | - | - |
| Diagnostic related technologists and technicians $\qquad$ | 29-2030 | 1,960 | - | - | - | - | 1,950 | - | - | - | - | 1,950 | - | - |
| Cardiovascular technologists and technicians $\qquad$ | 29-2031 | 200 | - | - | - | - | 200 | - | - | - | - | 200 | - | - |
| Diagnostic medical sonographers | 29-2032 | 190 | - | - | - | - | 190 | - | - | - | - | 190 | - | - |
| Nuclear medicine technologists | 29-2033 | 240 | - | - | - | - | 240 | - | - | - | - | 240 | - | - |
| Radiologic technologists and technicians $\qquad$ | 29-2034 | 1,330 | - | - | - | - | 1,330 | - | - | - | - | 1,330 | - | - |
| Emergency medical technicians and paramedics | 29-2040 | 5,070 | - | - | - | - | 5,070 | 80 | - | - | 20 | 4,910 | - | - |
| Emergency medical technicians and paramedics $\qquad$ | 29-2041 | 5,070 5,070 | - | - | - | - | 5,070 5,070 | 80 80 | - | - | 20 | 4,910 4,910 | - | - |
| Health diagnosing and treating practitioner |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| support technicians ......... | 29-2050 | 3,180 | 50 | 40 | - | - | 3,130 | 290 | - | - | 730 | 2,060 | - | 50 |
| Dietetic technicians ........ | 29-2051 | 90 | - | - | - | - | 90 | - | - | - | - | 90 | - | - |
| Pharmacy technicians .... | 29-2052 | 550 | - | - | - | - | 540 | 280 | - | - | - | 260 | - | - |
| Psychiatric technicians ... | 29-2053 | 430 | - | - | - | - | 430 | - | - | - | - | 430 | - | - |
| Respiratory therapy technicians $\qquad$ | 29-2054 | 90 | - | - | - | - | 90 | - | - | - | - | 90 | - | - |
| Surgical technologists .... | 29-2055 | 1,130 | - | - | - | - | 1,130 | - | - | - | - | 1,130 | - | - |

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[^11]

[^12]| Occupation | Occupation code ${ }^{2}$ | Private industry ${ }^{3,4,5}$ | Goods producing |  |  |  | Service providing |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total goods producing | Natural resources and mining ${ }^{3,4}$ | Construction | Manufacturing | Total service providing | Trade, transportation and utilities ${ }^{5}$ | Information | Financial activities | Professional and business services | Education and health services | Leisure and hospitality | Other services |
| Cooks, fast food .. | 35-2011 | 1,180 | - | - | - | - | 1,180 | 70 | - | - | - | - | 1,110 | - |
| Cooks, institution and cafeteria $\qquad$ | 35-2012 | 4,270 | - | - | - | - | 4,260 | 80 | - | 60 | 60 | 2,760 | 1,260 | 30 |
| Cooks, restaurant ........... | 35-2014 | 11,290 | - | _ | _ | - | 11,290 | 130 | _ | - | - | 2,76 | 11,050 | 100 |
| Cooks, short order ......... | 35-2015 | 470 | - | - | - | - | 460 | 150 | - | - | - | - | 290 | - |
| Cooks, all other ............. | 35-2019 | 1,650 | 50 | - | - | 40 | 1,600 | 200 | 20 | - 80 | 80 | 390 | 890 | - |
| Food preparation workers .. | 35-2020 | 9,950 | 330 | - | - | 310 | 9,620 | 2,360 | - | 80 | 100 | 800 | 6,250 | 30 |
| Food preparation workers $\qquad$ | 35-2021 | 9,950 | 330 | - | - | 310 | 9,620 | 2,360 | - | 80 | 100 | 800 | 6,250 | 30 |
| Food and beverage serving workers | 35-3000 | 29,580 | 80 | - | 20 | 50 | 29,500 | 6,580 | 110 | 70 | 410 | 2,550 | 19,660 | 110 |
| Bartenders ........................... | 35-3010 | 1,450 | - | _ | - | - | 1,440 | 6,580 | - | - | 20 | ,550 | 1,340 | 80 |
| Bartenders ......................... | 35-3011 | 1,450 | - | - | - | - | 1,440 | - | - | - | 20 | - | 1,340 | 80 |
| Fast food and counter workers $\qquad$ | 35-3020 | 14,700 | 50 | - | - | 30 | 14,660 | 6,290 | 100 | 30 | 180 | 440 | 7,610 | - |
| Combined food preparation and serving workers, including fast food $\qquad$ | 35-3021 | 12,750 | 30 | - | - | 20 | 12,720 | 6,080 | - | 20 | - | 290 | 6,300 | - |
| Counter attendants, cafeteria, food concession, and coffee shop $\qquad$ | 35-3022 | 1,950 | 20 | - | - | - | 1,930 | 210 | 90 | - | 170 | 150 | 1,310 | - |
| Waiters and waitresses ...... | 35-3030 | 9,520 | - | - | - | - | 9,520 | 90 | - | 20 | 110 | 100 | 9,190 | - |
| Waiters and waitresses .. | 35-3031 | 9,520 | - | - | - | - | 9,520 | 90 | - | 20 | 110 | 100 | 9,190 | - |
| Food servers, nonrestaurant | 35-3040 | 3,910 | 30 | - | - | 20 | 3,880 | 200 | - | 30 | 100 | 2,020 | 1,520 | 20 |
| Food servers, nonrestaurant | 35-3041 | 3,910 | 30 | - | - | 20 | 3,880 | 200 | - | 30 | 100 | 2,020 | 1,520 | 20 |
| Other food preparation and serving related workers | 35-9000 | 12,280 | 80 | - | - | 70 | 12,200 | 510 | - | 30 | 530 | 1,140 | 9,950 | 40 |
| Dining room and cafeteria attendants and bartender helpers | 35-9010 | 12,280 2,690 | 80 - | - | - | 70 - | 12,200 2,680 | 510 40 | - | - | 240 | 210 | 2,190 | 40 - |
| Dining room and cafeteria attendants and bartender helpers .. | 35-9011 | 2,690 2,690 | - | _ | - | - | 2,680 2,680 | 40 40 | - | - | 240 240 | 210 210 | 2,190 2,190 | - |
| Dishwashers .................... | 35-9020 | 5,560 | 30 | - | - | 20 | 5,530 | 80 | - | 30 | 200 | 490 | 4,710 | 20 |
| Dishwashers ................ | 35-9021 | 5,560 | 30 | - | - | 20 | 5,530 | 80 | - | 30 | 200 | 490 | 4,710 | 20 |
| Hosts and hostesses, restaurant, lounge, and coffee shop | 35-9030 | 900 | - | - | - | - | 900 | - | - | - | - | - | 880 | - |
| Hosts and hostesses, restaurant, lounge, and coffee shop $\qquad$ | 35-9031 | 900 | - | - | - | - | 900 | - | - | - | - | - | 880 | - |
| Miscellaneous food preparation and serving related workers $\qquad$ | 35-9090 | 3,130 | 40 | - | - | 40 | 3,090 | 380 | - | - | 90 | 420 | 2,180 | - |

[^13]

[^14]

[^15]| Occupation | Occupation code ${ }^{2}$ | Private industry ${ }^{3,4,5}$ | Goods producing |  |  |  | Service providing |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total goods producing | Natural resources and mining ${ }^{3,4}$ | Construction | Manufacturing | Total service providing | Trade, transportation and utilities ${ }^{5}$ | Information | Financial activities | Professional and business services | Education and health services | Leisure and hospitality | Other services |
| Entertainment attendants and related workers, all other $\qquad$ | 39-3099 | 60 | - | - | - | - | 60 | 30 | - | - | - | - | 20 | - |
| Funeral service workers ......... | 39-4000 | 30 | - | - | - | _ | 30 | - | - | - | - | - |  | 30 |
| Personal appearance workers | 39-5000 | 1,100 | - | - | - | - | 1,100 | 130 | - | - | - | 30 | 40 | 900 |
| Barbers and cosmetologists | 39-5010 | 1,040 | - | - | - | - | 1,040 | 120 | - | - | - | 30 | - | 880 |
| and cosmetologists | 39-5012 | 1,040 | - | - | - | - | 1,040 | 120 | - | - | - | 30 | - | 880 |
| Miscellaneous personal appearance workers $\qquad$ Manicurists and | 39-5090 | 50 | - | - | - | - | 50 | - | - | - | - | - | 20 | 20 |
| pedicurists | 39-5092 | 20 | - | - | - | - | 20 | - | - | - | - | - |  | - |
| Skin care specialists ...... | 39-5094 | 30 | - | - | - | - | 30 | - | - | - | - | - | 20 | - |
| Transportation, tourism, and lodging attendants | 39-6000 | 6,790 | - | - | - | - | 6,790 | 6,070 | - | 60 | 100 | - | 540 | - |
| Baggage porters, bellhops, and concierges | 39-6010 | 1,310 | - | - | - | - | 1,310 | 730 | - | 60 | 60 | - | 440 | - |
| Baggage porters and bellhops | 39-6011 | 1,220 | - | - | - | - | 1,220 | 730 | - | 50 | 60 | - | 370 | - |
| Concierges ................... | 39-6012 | 90 | - | - | - | - | 90 | - | - | - | - | - | 80 | - |
| Tour and travel guides ....... | 39-6020 | 120 | - | - | - | - | 120 | - | - | - | - | - | 90 | - |
| Tour guides and escorts | 39-6021 | 110 | - | - | - | - | 110 | - | - | - | - | - | 90 | - |
| Transportation attendants .. | 39-6030 | 5,370 | - | - | - | - | 5,370 | 5,330 | - | - | 30 | - | - | - |
| Flight attendants ........... | 39-6031 | 5,060 | - | - | - | - | 5,060 | 5,030 | - | - | 30 | - | - | - |
| Transportation attendants, except flight attendants and baggage porters $\qquad$ | 39-6032 | 300 | - | - | - | - | 300 | 300 | - | - | - | - | - | - |
| Other personal care and |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| service workers $\qquad$ Child care workers | 39-9000 | 10,090 2,720 | - | - | - | - | 10,080 2,710 | 320 170 | - | 60 | 250 100 | 8,010 1,980 | 460 50 | 980 400 |
| Child care workers ........... | 39-9011 | 2,720 | - | - | - | - | 2,710 | 170 | - | - | 100 | 1,980 | 50 | 400 |
| Personal and home care aides $\qquad$ | 39-9020 | 4,860 | - | - | - | - | 4,860 | - | - | - | 90 | 4,630 | - | 120 |
| Personal and home care aides | 39-9021 | 4,860 | - | - | - | - | 4,860 | - | - | - | 90 | 4,630 | - | 120 |
| Recreation and fitness workers $\qquad$ | 39-9030 | 1,440 | - | - | - | - | 1,430 | - | - | 30 | - | 710 | 360 | 330 |
| Fitness trainers and aerobics instructors | 39-9031 | 200 | - | - | - | - | 190 | - | - | - | - | 20 | 140 | 40 |
| Recreation workers ........ | 39-9032 | 1,240 | - | - | - | - | 1,240 | - | - | 30 | - | 690 | 220 | 290 |
| Residential advisors ........... | 39-9040 | 370 | - | - | - | - | 370 | - | - | - | - | 370 | - | - |
| Residential advisors ....... | 39-9041 | 370 | - | - | - | - | 370 | - | - | - | - | 370 | - | - |
| Miscellaneous personal care and service workers | 39-9090 | 700 | - | - | - | - | 700 | 140 | - | - | 60 | 310 | 50 | 130 |
| Personal care and service workers, all other $\qquad$ | 39-9099 | 700 | - | - | - | - | 700 | 140 | - | - | 60 | 310 | 50 | 130 |
| Sales and related occupations ... | 41-0000 | 76,210 | 1,850 | 30 | 600 | 1,220 | 74,360 | 63,840 | 970 | 2,010 | 2,830 | 570 | 3,140 | 990 |

See footnotes at end of table.


See footnotes at end of table.


See footnotes at end of table.


[^16]

[^17]| Occupation | Occupation code ${ }^{2}$ | Private industry ${ }^{3,4,5}$ | Goods producing |  |  |  | Service providing |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total goods producing | Natural resources and mining ${ }^{3,4}$ | Construction | Manufacturing | Total service providing | Trade, transportation and utilities ${ }^{5}$ | Information | Financial activities | Professional and business services | Education and health services | Leisure and hospitality | Other services |
| Couriers and messengers | 43-5021 | 1,230 | 20 | - | - | - | 1,210 | 520 | 20 | 230 | 80 | 350 | - | - |
| Dispatchers ..................... | 43-5030 | 390 | 40 | 20 | - | 20 | 340 | 160 | - | - | 80 | 80 | - | - |
| Dispatchers, except police, fire, and ambulance $\qquad$ | 43-5032 | 390 | 40 | 20 | - | 20 | 340 | 160 | - | - | 80 | 80 | - | - |
| Meter readers, utilities ....... | 43-5040 | 590 | - | - | - | - | 590 | 580 | - | - | - | - | - | - |
| Meter readers, utilities .... | 43-5041 |  | - | - | _ | - | 590 | 580 | - | - | - | - | - | - |
| Production, planning, and expediting clerks $\qquad$ | 43-5060 | 1,820 | 980 | - | 300 | 670 | 840 | 570 | 30 | - | 70 | 110 | 30 | 30 |
| Production, planning, and expediting clerks ... | 43-5061 | 1,820 | 980 | - | 300 | 670 | 840 | 570 | 30 | - | 70 | 110 | 30 | 30 |
| Shipping, receiving, and traffic clerks $\qquad$ | 43-5070 | 8,130 | 2,890 | 40 | 30 | 2,820 | 5,240 | 4,650 | 80 | 20 | 260 | 130 | 70 | 40 |
| Shipping, receiving, and traffic clerks $\qquad$ | 43-5071 | 8,130 | 2,890 | 40 | 30 | 2,820 | 5,240 | 4,650 | 80 | 20 | 260 | 130 | 70 | 40 |
| Stock clerks and order fillers $\qquad$ | 43-5080 | 20,870 | 1,580 | - | 100 | 1,460 | 19,290 | 17,890 | 50 | 20 | 430 | 510 | 270 | 120 |
| Stock clerks and order fillers $\qquad$ | 43-5081 | 20,870 | 1,580 | - | 100 | 1,460 | 19,290 | 17,890 | 50 | 20 | 430 | 510 | 270 | 120 |
| Weighers, measurers, checkers, and samplers, recordkeeping $\qquad$ | 43-5110 | 610 | 240 | 30 | 100 | 200 | 370 | 310 | - | 20 | 20 | - | - | - |
| Weighers, measurers, checkers, and samplers, recordkeeping | 43-5111 | 610 | 240 | 30 | - | 200 | 370 | 310 | - | 20 | 20 | - | - | - |
| Secretaries and administrative assistants | 43-6000 | 4,820 | 390 | 20 | 100 | 270 | 4,440 | 550 | 170 | 430 | 1,410 | 1,620 | 70 | 180 |
| Secretaries and administrative assistants | 43-6010 | 4,820 | 390 | 20 | 100 | 270 | 4,440 | 550 | 170 | 430 | 1,410 | 1,620 | 70 | 180 |
| Executive secretaries and administrative assistants $\qquad$ | 43-6011 | 4,820 2,900 | 390 240 | 20 20 | 100 20 | 200 | 4,440 2,650 | 380 | 170 110 | 360 | 1,410 | 1,620 640 | 50 | 78 70 |
| Legal secretaries ........... | 43-6012 | 320 | - | - | - | - | 320 | 20 | - | - | 290 |  | - | - |
| Medical secretaries ........ | 43-6013 | 770 | - | - | - | - | 770 | - | - | - | - | 770 | - | - |
| Secretaries, except legal, medical, and executive | 43-6014 | 830 | 150 | - | 70 | 70 | 680 | 150 | 60 | 70 | 80 | 210 | 20 | 90 |
| Other office and administrative support |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| workers ............................ | 43-9000 | 14,670 | 1,000 | 20 | 280 | 700 | 13,670 | 2,210 | 1,060 | 2,690 | 2,630 | 4,360 | 230 | 490 |
| Computer operators .......... | 43-9010 | 180 | 30 | - | - | 30 | 150 | 40 | 50 | 30 | - | - | - | - |
| Computer operators ....... | 43-9011 | 180 | 30 | - | - | 30 | 150 | 40 | 50 | 30 | - | - | - | - |
| Data entry and information processing workers | 43-9020 | 820 | 70 | - | - | 50 | 750 | 110 | 20 | 150 | 190 | 260 | - | 20 |
| Data entry keyers .......... | 43-9021 | 480 | 70 | - | - | 50 | 410 | 100 | - | 70 | 150 | 50 | - | 20 |
| Word processors and typists $\qquad$ | 43-9022 | 350 | - | - | - | - | 350 | 20 | - | 90 | 30 | 210 | - | - |

[^18]| Occupation | Occupation code ${ }^{2}$ | Private industry ${ }^{3,4,5}$ | Goods producing |  |  |  | Service providing |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total goods producing | Natural resources and mining ${ }^{3,4}$ | Construction | Manufacturing | Total service providing | Trade, transportation and utilities ${ }^{5}$ | Information | Financial activities | Professional and business services | Education and health services | Leisure and hospitality | Other services |
| Insurance claims and policy processing clerks | 43-9040 | 620 | - | - | - | - | 620 | - | - | 520 | 30 | 60 | - | - |
| Insurance claims and policy processing clerks Mail clerks and mail | 43-9041 | 620 | - | - | - | - | 620 | - | - | 520 | 30 | 60 | - | - |
| machine operators, except postal service $\qquad$ | 43-9050 | 1,230 | 90 | - | - | 80 | 1,140 | 130 | 500 | 110 | 260 | 100 | - | 20 |
| Mail clerks and mail machine operators, except postal service ... | 43-9051 | 1,230 | 90 | - | - | 80 | 1,140 | 130 | 500 | 110 | 260 | 100 | - | 20 |
| Office clerks, general ........ | 43-9060 | 7,830 | 600 | - | 250 | 330 | 7,230 | 1,330 | 140 | 1,360 | 1,670 | 2,440 | 120 | 170 |
| Office clerks, general ..... | 43-9061 | 7,830 | 600 | - | 250 | 330 | 7,230 | 1,330 | 140 | 1,360 | 1,670 | 2,440 | 120 | 170 |
| Office machine operators, except computer $\qquad$ | 43-9070 | 350 | 30 | - | - | 30 | 320 | 110 | 20 | 120 | 40 | 20 | - | - |
| Office machine operators, except computer $\qquad$ | 43-9071 | 350 | 30 | - | - | 30 | 320 | 110 | 20 20 | 120 | 40 | 20 | - | - |
| Miscellaneous office and administrative support workers $\qquad$ | 43-9190 | 3,630 | 180 | - | - | 170 | 3,450 | 470 | 310 | 390 | 430 | 1,480 | 80 | 280 |
| Office and administrative support workers, all other $\qquad$ | 43-9199 | 3,630 | 180 | - | - | 170 | 3,450 | 470 | 310 | 390 | 430 | 1,480 | 80 | 280 |
| Farming, fishing, and forestry occupations | 45-0000 | 14,330 | 12,990 | 12,340 | 30 | 620 | 1,340 | 800 | - | - | 270 | 20 | 240 | - |
| Supervisors, farming, fishing, and forestry workers | 45-1000 | 540 | 540 | 510 | - | 30 |  | - | - | - | - | - | - | - |
| First-line |  |  |  |  |  |  |  |  |  | - | - | - | - | - |
| supervisors/managers of farming, fishing, and forestry workers $\qquad$ | 45-1010 | 540 | 540 | 510 | - | 30 | - | - | - | - | - | - | - | - |
| First-line |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| supervisors/managers of farming, fishing, and forestry workers ........... | 45-1011 | 540 | 530 | 500 | - | 30 | - | - | - | - | - | - | - | - |
| Agricultural workers .............. | 45-2000 | 12,430 | 11,120 | 10,850 | - | 260 | 1,310 | 780 | - | - | 260 | 20 | 240 | - |
| Agricultural inspectors ........ | 45-2010 | 20 | , | , | - | - | , | - | - | - | - | - | - | - |
| Agricultural inspectors .... | 45-2011 | 20 | - | - | - | - | - | - | - | - | - | - | - | - |
| Animal breeders ................ | 45-2020 | 20 | 20 | 20 | - | - | - | - | - | - | - | - | - | - |
| Animal breeders ............ | 45-2021 | 20 | 20 | 20 | - | - | - | - | - | - | - | - | - | - |
| Graders and sorters, agricultural products | 45-2040 | 340 | 300 | 210 | - | 90 | 30 | 30 | - | - | - | - | - | - |
| Graders and sorters, agricultural products ..... | 45-2041 | 340 | 300 | 210 | - | 90 | 30 | 30 | _ | _ | - | - | _ | _ |
| Miscellaneous agricultural workers $\qquad$ | 45-2090 | 12,050 | 10,790 | 10,620 | - | 170 | 1,260 | 730 | - | - | 260 | 20 | 240 | - |
| Agricultural equipment operators $\qquad$ | 45-2091 | 850 | 600 | $580$ | - | - | 250 | 50 | - | - | 200 | - | - | - |

[^19]

[^20]

[^21]

[^22]| Occupation | Occupation code ${ }^{2}$ | Private industry 3 ,4,5 | Goods producing |  |  |  | Service providing |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total goods producing | Natural resources and mining ${ }^{3,4}$ | Construction | Manufacturing | Total service providing | Trade, transportation and utilities ${ }^{5}$ | Information | Financial activities | Professional and business services | Education and health services | Leisure and hospitality | Other services |
| Hazardous materials removal workers | 47-4041 | 240 | 60 | - | 50 | - | 170 | 20 | - | - | 150 | - | - | - |
| Highway maintenance workers $\qquad$ | 47-4050 | 270 | 270 | - | 260 | - |  | - | - | - | - | - | - | - |
| Highway maintenance workers $\qquad$ | 47-4051 | 270 270 | 270 | - | 260 | - | - | - | - | - | - | - | - | - |
| Rail-track laying and maintenance equipment operators $\qquad$ | 47-4060 | 140 | - | - | - | - | 120 | 120 | - | - | - | - | - | - |
| Rail-track laying and maintenance equipment operators $\qquad$ | 47-4061 | 140 | - | - | - | - | 120 | 120 | - | - | - | - | - | - |
| Septic tank servicers and sewer pipe cleaners $\qquad$ | 47-4070 | 160 | 70 | - | 50 | 20 | 90 | 20 | - | - | 70 | - | - | - |
| Septic tank servicers and sewer pipe cleaners ..... | 47-4071 | 160 | 70 | - | 50 | 20 | 90 | 20 | - | - | 70 | - | - | - |
| Miscellaneous construction and related workers | 47-4090 | 2,230 | 1,900 | - | 1,750 | 150 | 330 | 120 | 20 | - | 150 | - | 40 | - |
| Construction and related workers, all other $\qquad$ | $47-4099$ $47-5000$ | 2,230 2,230 4,680 | 1,900 1,900 4,680 | - 390 | 1,750 1,750 290 | 150 $-\quad 1$ | - 330 | - 120 | - 20 | - | - 150 | - | - 40 | - |
| Derrick, rotary drill, and service unit operators, oil, gas, and mining $\qquad$ | 47-5000 | 4,680 620 | 4,680 620 | 4,390 620 | 290 | - | - | - | - | - | - | - | - | - |
| Derrick operators, oil and gas | 47-5011 | 320 | 320 | 320 | - | - | - | - | - | - | - | - | - | - |
| Rotary drill operators, oil and gas $\qquad$ | 47-5012 | 230 | 230 | 230 | - | - | - | - | - | - | - | - | - | - |
| Service unit operators, oil, gas, and mining | 47-5013 | 80 | 80 | 80 | - | - | - | - | - | - | - | - | - | - |
| Earth drillers, except oil and gas $\qquad$ | 47-5020 | 350 | 350 | 80 | 270 | - | - | - | - | - | - | - | - | - |
| Earth drillers, except oil and gas | 47-5021 | 350 | 350 | 80 | 270 | _ | _ | _ | - | - | - | - | - | - |
| Mining machine operators .. | 47-5040 | 770 | 770 | 770 | - | - | - | - | - | - | - | - | - | - |
| Continuous mining machine operators | 47-5041 | 130 | 130 | 130 | - | - | - | - | - | - | - | - | - | - |
| Mine cutting and channeling machine operators $\qquad$ | 47-5042 | 30 | 30 | 30 | - | - | - | - | - | - | - | - | - | - |
| Mining machine operators, all other | 47-5049 | 610 | 610 | 610 | _ | - | - | - | - | - | - | - | - | - |
| Roof bolters, mining .......... | 47-5060 | 440 | 440 | 440 | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ |
| Roof bolters, mining ....... | 47-5061 | 440 | 440 | 440 | - | - | - | - | - | - | - | - | - | - |
| Roustabouts, oil and gas ... | 47-5070 | 270 | 260 | 260 | - | - | - | - | - | - | - | - | - | - |
| Roustabouts, oil and gas | 47-5071 | 270 | 260 | 260 | - | - | - | - | - | - | - | - | - | - |
| Helpers--extraction workers | 47-5080 | 330 | 330 | 320 | - | - | - | - | - | - | - | - | - | - |
| Helpers--extraction workers $\qquad$ | 47-5081 | 330 | 330 | 320 | - | - | - | - | - | - | - | - | - | - |

[^23]

See footnotes at end of table.


[^24]| Occupation | Occupation code ${ }^{2}$ | Private industry ${ }^{3,4,5}$ | Goods producing |  |  |  | Service providing |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total goods producing | Natural resources and mining ${ }^{3,4}$ | Construction | Manufacturing | Total service providing | Trade, transportation and utilities ${ }^{5}$ | Information | Financial activities | Professional and business services | Education and health services | Leisure and hospitality | Other services |
| Motorboat mechanics .... | 49-3051 | 50 | - | - | - | - | 40 | 40 | - | - | - | - | - | - |
| Motorcycle mechanics ... | 49-3052 | 70 | _ | - | - | - | 60 | 60 | - | - | - | - | - | - |
| Outdoor power equipment and other small engine mechanics | 49-3053 | 180 | - | - | - | - | 170 | 70 | - | - | 70 | - | 40 | - |
| Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers $\qquad$ | 49-3090 | 3,020 | 50 | - | - | 50 | 2,970 | 2,860 | - | - | 40 | - | - | 70 |
| Recreational vehicle service technicians | 49-3092 | 100 | 30 | - | - | 30 | 70 | 60 | - | - | - | - | - | - |
| Tire repairers and changers | 49-3093 | 2,920 | 30 | - | - | 20 | 2,900 | 2,790 | - | - | 40 | - | - | 70 |
| Other installation, maintenance, and repair occupations $\qquad$ | 49-9000 | 53,850 | 20,600 | 1,250 | 7,870 | 11,470 | 33,260 | 14,220 | 3,250 | 3,770 | 3,650 | 2,810 | 2,230 | 3,320 |
| Control and valve installers and repairers | 49-9010 | 390 | 100 | 20 | 60 | 20 | 290 | 240 | , | , | 30 |  | , | 20 |
| Mechanical door repairers | 49-9011 | 60 | 30 | - | 30 | - | 30 | - | - | - | - | - | - | - |
| Control and valve installers and repairers, except mechanical door | 49-9012 | 330 | 70 | 20 | 30 | 20 | 270 | 230 | - | - | 20 | - | - | 20 |
| Heating, air conditioning, and refrigeration mechanics and installers | 49-9020 |  |  |  |  | 110 |  | 580 | - | 20 | 220 | 130 | 30 | 150 |
| Heating, air conditioning, and refrigeration mechanics and installers $\qquad$ | 49-9020 | 4,840 4,840 | 3,710 3,710 | - | 3,590 3,590 | 110 | 1,140 1,140 | 580 | - | 20 20 | 220 220 | 130 | 30 30 | 150 |
| Home appliance repairers .. | 49-9030 | 490 | 120 | - | 120 | - | 380 | 220 | - |  |  | - | - | 140 |
| Home appliance repairers | 49-9031 | 490 | 120 | - | 120 | - | 380 | 220 | - | - | - | - | - | 140 |
| Industrial machinery installation, repair, and |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| maintenance workers Industrial machinery | 49-9040 | 31,110 | 11,980 | 1,070 | 1,410 | 9,500 | 19,120 | 7,690 | 480 | 2,720 | 2,360 | 2,430 | 1,440 | 2,000 |
| mechanics | 49-9041 | 7,360 | 4,610 | 740 | 170 | 3,690 | 2,750 | 1,570 | 50 | 90 | 220 | 70 | 40 | 710 |
| Maintenance and repair workers, general | 49-9042 | 21,600 | 5,730 | 250 | 890 | 4,590 | 15,870 | 5,870 | 410 | 2,520 | 2,100 | 2,340 | 1,370 | 1,270 |
| Maintenance workers, machinery | 49-9043 | 1,180 | 760 | 70 | 100 | 590 | 420 | 220 | 20 | 110 | 20 | 30 | 30 | - |
| Millwrights ..................... | 49-9044 | 960 | 880 |  | 250 | 630 | 80 | 30 |  | , | 20 |  |  | 30 |
| Line installers and repairers | 49-9050 | 4,810 | 660 | - | 650 | - | 4,150 | 1,660 | 2,390 | - | 90 | - | - | - |
| Electrical power-line installers and repairers | 49-9051 | 2,040 | 410 | - | 400 | - | 1,630 | 1,630 | , | - | - | - | - | - |
| Telecommunications line installers and repairers | 49-9052 | 2,770 | 250 | - | 250 | - | 2,520 | 20 | 2,390 | - | 90 | - | - | - |

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[^28]| Occupation | Occupation code ${ }^{2}$ | Private industry ${ }^{3,4,5}$ | Goods producing |  |  |  | Service providing |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total goods producing | Natural resources and mining ${ }^{3,4}$ | Construction | Manufacturing | Total service providing | Trade, transportation and utilities ${ }^{5}$ | Information | Financial activities | Professional and business services | Education <br> and health services | Leisure and hospitality | Other services |
| Machinists | 51-4041 | 6,010 | 5,190 | - | 40 | 5,150 | 810 | 230 | 40 | - | 360 | 20 | - | 150 |
| Metal furnace and kiln operators and tenders |  |  |  | - | - |  | 60 | 60 |  |  |  |  |  |  |
| Operators and tenders ...... | 51-4050 | 1,330 | 1,270 | - | - | 1,240 | 60 | 60 | - | - | - | - | - | - |
| operators and tenders .. | 51-4051 | 760 | 760 | - | - | 760 | - | - | - | - | - | - | - | - |
| Pourers and casters, metal | 51-4052 | 570 | 510 | - | - | 490 | 60 | 60 | - | - | - | - | - | - |
| Model makers and patternmakers, metal and plastic $\qquad$ | 51-4060 | 50 | 50 | - | - | 50 | - | - | - | - | - | - | - | - |
| Model makers, metal and plastic $\qquad$ | 51-4061 | 30 | 30 | - | - | 30 | - | - | - | - | - | - | - | - |
| Patternmakers, metal and plastic | 51-4062 | 20 | 20 | - | - | 20 | - | - | - | - | - | - | - | - |
| Molders and molding machine setters, operators, and tenders, metal and plastic | 51-4070 | 1,650 | 1,640 | - | - | 1,640 | - | - | - | - | - | - | - | - |
| Foundry mold and coremakers | 51-4071 | 240 | 240 | - | - | 240 | - | - | - | - | - | - | - | - |
| Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic $\qquad$ | 51-4072 | 1,410 | 1,400 | - | - | 1,400 | - | - | - | - | - | - | - | - |
| Multiple machine tool setters, operators, and tenders, metal and plastic |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| tenders, metal and plastic Multiple machine tool setters, operators, and tenders, metal and plastic $\qquad$ | 51-4080 | 540 540 | 530 | - | - | 530 530 | 20 20 | - | - | - | - | - | - | - |
| Tool and die makers | 51-4110 | 830 | 810 | - | - | 800 | 20 | - | - | - | - | - | - | - |
| Tool and die makers ...... | 51-4111 | 830 | 810 | - | - | 800 | 20 | - | - | - | - | - | - | - |
| Welding, soldering, and brazing workers $\qquad$ | 51-4120 | 13,320 | 11,490 | 190 | 1,800 | 9,500 | 1,830 | 860 | - | 80 | 260 | - | - | 620 |
| Welders, cutters, solderers, and brazers | 51-4121 | 12,890 | 11,110 | 190 | 1,800 | 9,120 | 1,780 | 850 | - | 80 | 260 | - | - | 580 |
| Welding, soldering, and brazing machine setters, operators, and tenders $\qquad$ | 51-4122 | 430 | 380 | - | , | 370 | 60 | - | - | - | - | - | - | 40 |
| Miscellaneous metalworkers and plastic workers $\qquad$ | 51-4190 | 9,590 | 9,410 | - | 30 | 9,370 | 180 | 120 | - | - | 50 | - | - | - |
| Heat treating equipment setters, operators, and tenders, metal and plastic $\qquad$ | 51-4191 | 210 | 210 | - | - | 200 | - | - | - | - | $\begin{array}{r} \\ - \\ \hline\end{array}$ | - | - | - |

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| Occupation | Occupation code ${ }^{2}$ | Private industry ${ }^{3,4,5}$ | Goods producing |  |  |  | Service providing |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total goods producing | Natural resources and mining ${ }^{3,4}$ | Construction | Manufacturing | Total service providing | Trade, transportation and utilities ${ }^{5}$ | Information | Financial activities | Professional and business services | Education and health services | Leisure and hospitality | Other services |
| Painters, transportation equipment $\qquad$ | 51-9122 | 380 | 210 | - | - | 210 | 170 | 20 | - | - | - | - | 60 | 90 |
| Painting, coating, and decorating workers | $51-9123$ | 1,300 | 1,070 | - | 70 | 1,000 | 230 | 80 | - | - | 30 | - | - | 100 |
| Photographic process workers and processing machine operators $\qquad$ | 51-9130 | 470 | 80 | - | - | 80 | 390 | 290 | 70 | - | - | - | - | - |
| Photographic process workers | 51-9131 | 430 | 50 | - | - | 50 | 380 | 290 | 70 | - | - | - | - | - |
| Photographic processing machine operators | 51-9132 | 40 | 30 | - | - | 30 | - | - | - | - | - | - | - | - |
| Semiconductor processors | 51-9140 | 60 | 60 | - | - | 60 | - | - | - | - | - | - | - | - |
| Semiconductor processors | 51-9141 | 60 | 60 | - | - | 60 | - | - | - | - | - | - | - | - |
| Miscellaneous production workers $\qquad$ | 51-9190 | 45,520 | 35,620 | 900 | 2,080 | 32,640 | 9,900 | 6,080 | 480 | 100 | 1,850 | 310 | 730 | 350 |
| Cementing and gluing machine operators and tenders $\qquad$ | 51-9191 | 320 | 300 | - | , | 300 | 20 | - | - | - | , | - | - | - |
| Cleaning, washing, and metal pickling equipment operators and tenders $\qquad$ | 51-9192 | 240 | 200 | 20 | - | 180 | 40 | 20 | - | - | - | - | - | - |
| Cooling and freezing equipment operators and tenders $\qquad$ | 51-9193 | 120 | 110 | - | - | 110 | - | - | - | - | - | - | - | _ |
| Etchers and engravers ... | 51-9194 | 90 | 70 | - | - | 70 | - | - | - | - | - | - | - | - |
| Molders, shapers, and casters, except metal and plastic | 51-9195 | 700 | 680 | - | 50 | 620 | 20 | - | - | - | - | - | - | - |
| Paper goods machine setters, operators, and tenders | 51-9196 | 450 | 430 | _ | - | 420 | 20 | - | - | _ | - | - | - | - |
| Tire builders ...................... | 51-9197 | 320 | 310 | - | _ | 310 | - | - | _ | - | - | - | - | - |
| Helpers--production workers $\qquad$ | 51-9198 | 3,150 | 2,580 | 70 | 350 | 2,160 | 570 | 310 | 30 | - | 190 | 20 | - | - |
| Production workers, all other $\qquad$ | 51-9199 | 40,140 | 30,940 | 790 | 1,690 | 28,460 | 9,200 | 5,730 | 440 | 90 | 1,620 | 290 | 720 | 310 |
| Transportation and material moving occupations | 53-0000 | 239,710 | 44,630 | 3,530 | 5,550 | 35,550 | 195,080 | 159,390 | 1,890 | 4,490 | 17,070 | 3,600 | 4,290 | 4,350 |
| Supervisors, transportation |  | 239,710 | 44,630 |  |  | 35,550 | 195,080 | 159,390 |  | 4,490 | 17,070 | 3,600 | 4,290 | 4,350 |
| and material moving workers | 53-1000 | 5,000 | 550 | 50 | 90 | 410 | 4,450 | 3,370 | 70 | 140 | 560 | 100 | 130 | 70 |
| Aircraft cargo handling supervisors | 53-1010 | 280 | - | - | - | - | 280 | 280 | - | - | - | - | - | - |
| Aircraft cargo handling supervisors | 53-1011 | 280 | - | - | - | - | 280 | 280 | - | - | - | - | - | - |

See footnotes at end of table


[^33]| Occupation | Occupation code ${ }^{2}$ | Private industry ${ }^{3,4,5}$ | Goods producing |  |  |  | Service providing |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total goods producing | Natural resources and mining ${ }^{3,4}$ | Construction | Manufacturing | Total service providing | Trade, transportation and utilities ${ }^{5}$ | Information | Financial activities | Professional and business services | Education and health services | Leisure and hospitality | Other services |
| Truck drivers, light or delivery services .... | 53-3033 | 26,760 | 1,870 | 230 | 310 | 1,330 | 24,890 | 20,490 | 160 | 1,300 | 1,110 | 690 | 730 | 420 |
| Taxi drivers and chauffeurs Taxi drivers and | 53-3040 | 3,540 | , | - | - | 1,330 | 3,530 | 1,360 | 30 | 480 | 400 | 990 | 170 | 100 |
| chauffeurs | 53-3041 | 3,540 | - | - | - | - | 3,530 | 1,360 | 30 | 480 | 400 | 990 | 170 | 100 |
| Miscellaneous motor vehicle operators | 53-3090 | 1,990 | 160 | 30 | 20 | 100 | 1,840 | 1,100 | - | 160 | 180 | 280 | 50 | 50 |
| Motor vehicle operators, all other $\qquad$ | 53-3099 | 1,990 | 160 | 30 | 20 | 100 | 1,840 | 1,100 | - | 160 | 180 | 280 | 50 | 50 |
| Rail transportation workers .... | 53-4000 | 2,020 | 40 | 20 | - | - | 1,990 | 1,990 | - | - | - | - | - | - |
| Locomotive engineers and operators | 53-4010 | 570 | - | - | - | - | 560 | 560 | - | - | - | - | - | - |
| Locomotive engineers .... Rail yard engineers, dinkey operators, and | 53-4011 | 460 | - | - | - | - | 450 | 450 | - | - | - | - | - | - |
| hostlers ..................... | 53-4013 | 100 | - | - | - | - | 100 | 100 | - | - | - | - | - | - |
| Railroad brake, signal, and switch operators | 53-4020 | 330 | 20 | 20 | - | - | 310 | 310 | - | - | - | - | - | - |
| Railroad brake, signal, and switch operators .... | 53-4021 | 330 | 20 | 20 | - | - | 310 | 310 | - | - | - | - | - | - |
| Railroad conductors and yardmasters | 53-4030 | 990 | - | - | - | - | 990 | 990 | - | - | - | - | - | - |
| Railroad conductors and yardmasters | 53-4031 | 990 | - | - | - | - | 990 | 990 | - | - | - | - | - | - |
| Miscellaneous rail transportation workers | 53-4090 | 120 | - | - | - | - | 120 | 120 | - | - | - | - | - | - |
| Rail transportation workers, all other | 53-4099 | 120 | - | - | - | - | 120 | 120 | _ | - | - | - | - | - |
| Water transportation workers | 53-5000 | 1,200 | 60 | 20 | 30 | - | 1,140 | 1,090 | - | 40 | - | - | - | - |
| Sailors and marine oilers ... | 53-5010 | 880 | 40 | 20 | 20 | - | 830 | 790 | - | 40 | - | - | - | - |
| Sailors and marine oilers | 53-5011 | 880 | 40 | 20 | 20 | - | 830 | 790 | - | 40 | - | - | - | - |
| Ship and boat captains and operators $\qquad$ | 53-5020 | 260 | - | - | - | - | 240 | 240 | - | - | - | - | - | - |
| Captains, mates, and pilots of water vessels .. | 53-5021 | 250 | - | _ | _ | _ | 240 | 240 | _ | _ | _ | _ | - | _ |
| Ship engineers ................. | 53-5030 | 70 | - | - | - | - | 70 | 70 | - | - | - | - | - | - |
| Ship engineers .............. | 53-5031 | 70 | - | - | - | - | 70 | 70 | - | - | - | - | - | - |
| Other transportation workers | 53-6000 | 7,470 | 80 | 20 | 30 | 30 | 7,390 | 6,510 | - | 50 | 70 | 120 | 140 | 500 |
| Parking lot attendants ....... | 53-6020 | 830 | - | - | - | - | 820 | 280 | - | 30 | 30 | 50 | 130 | 310 |
| Parking lot attendants .... | 53-6021 | 830 | - | - | - | - | 820 | 280 | - | 30 | 30 | 50 | 130 | 310 |
| Service station attendants .. | 53-6030 | 520 | - | - | - | - | 520 | 330 | - | - | - | - | - | 180 |
| Service station attendants | 53-6031 | 520 | - | - | - | - | 520 | 330 | - | - | - | - | - | 180 |
| Transportation inspectors .. Transportation | 53-6050 | 50 | - | - | - | - | 50 | 50 | - | - | - | - | - | - |
| inspectors | 53-6051 | 50 | - | - | - | - | 50 | 50 | - | - | - | - | - | - |
| Miscellaneous transportation workers $\qquad$ | 53-6090 | 6,060 | 70 | 20 | 30 | 20 | 5,990 | 5,850 | - | - | 40 | 70 | - | 20 |

[^34]| Occupation | Occupation code ${ }^{2}$ | Private industry ${ }^{3,4,5}$ | Goods producing |  |  |  | Service providing |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total goods producing | Natural resources and mining ${ }^{3,4}$ | Construction | Manufacturing | Total service providing | Trade, transportation and utilities ${ }^{5}$ | Information | Financial activities | Professional and business services | Education and health services | Leisure and hospitality | Other services |
| Transportation workers, all other | 53-6099 | 6,060 | 70 | 20 | 30 | 20 | 5,990 | 5,850 | - | - | 40 | 70 | - | 20 |
| Material moving workers ........ | 53-7000 | 111,420 | 29,470 | 1,910 | 1,280 | 26,280 | 81,950 | 65,320 | 900 | 1,730 | 9,380 | 940 | 1,650 | 2,030 |
| Conveyor operators and tenders $\qquad$ | 53-7010 | 350 | 290 | 150 | 30 | 120 | 60 | 50 | - | - | - | - | - | - |
| Conveyor operators and tenders | 53-7011 | 350 | 290 | 150 | 30 | 120 | 60 | 50 | - | - | - | - | - | - |
| Crane and tower operators Crane and tower | 53-7020 | 910 | 650 | 20 | 320 | 310 | 260 | 140 | - | 110 | - | - | - | - |
| operators | 53-7021 | 910 | 650 | 20 | 320 | 310 | 260 | 140 | - | 110 | - | - | - | - |
| Dredge, excavating, and loading machine operators | 53-7030 | 570 | 450 | 160 | 250 | 30 | 120 | 40 | - | - | 70 | - | - | - |
| Excavating and loading machine and dragline operators $\qquad$ | 53-7032 | 550 | 430 | 160 | 240 | 30 | 120 | 40 | - | - | 70 | - | - | - |
| Hoist and winch operators | 53-7040 | 180 | 150 | 70 | 60 | 20 | 40 | 20 | - | - | - | - | - | - |
| Hoist and winch operators | 53-7041 | 180 | 150 | 70 | 60 | 20 | 40 | 20 | - | - | - | - | - | - |
| Industrial truck and tractor operators $\qquad$ | 53-7050 | 6,420 | 3,070 | 520 | 340 | 2,220 | 3,350 | 3,030 | 20 | - | 280 | - | - | - |
| Industrial truck and tractor operators | 53-7051 | 6,420 | 3,070 | 520 | 340 | 2,220 | 3,350 | 3,030 | 20 | - | 280 | - | - | - |
| Laborers and material movers, hand $\qquad$ | 53-7060 | 98,460 | 23,460 | 580 | 170 | 22,720 | 75,000 | 61,040 | 850 | 1,390 | 7,320 | 830 | 1,590 | 1,990 |
| Cleaners of vehicles and equipment | 53-7061 | 4,520 | 840 | 40 | - | 790 | 3,690 | 2,630 | - | 280 | 100 | - | 60 | 610 |
| Laborers and freight, stock, and material movers, hand | 53-7062 | 85,120 | 18,080 | 290 | 130 | 17,660 | 67,040 | 55,370 | 690 | 1,110 | 6,620 | 800 | 1,140 | 1,310 |
| Machine feeders and offbearers $\qquad$ | 53-7063 | 2,450 | 1,740 | 30 | - | 1,710 | 710 | 230 | 70 | - | - | - | 380 | - |
| Packers and packagers, hand $\qquad$ | 53-7064 | 6,370 | 2,800 | 220 | 30 | 2,550 | 3,560 | 2,810 | 90 | _ | 580 | - | - | 60 |
| Pumping station operators | 53-7070 | 240 | 210 | 170 | 40 | - | 30 | 30 | - | - | - | - | - | - |
| Gas compressor and gas pumping station operators $\qquad$ | 53-7071 | 30 | - | - | - | - | 30 | 30 | - | - | - | - | - | - |
| Pump operators, except wellhead pumpers | 53-7072 | 50 | 50 | - | 40 | _ | - | - | _ | _ | _ | _ | _ | _ |
| Wellhead pumpers ......... | 53-7073 | 160 | 160 | 160 | - | - | - | - | - | - | - | - | - | - |

See footnotes at end of table.

| Occupation | Occupation code ${ }^{2}$ | Private industry ${ }^{3,4,5}$ | Goods producing |  |  |  | Service providing |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Total goods producing | Natural resources and mining ${ }^{3,4}$ | Construction | Manufacturing | Total service providing | Trade, transportation and utilities ${ }^{5}$ | Information | Financial activities | Professional and business services | Education and health services | Leisure and hospitality | Other services |
| Refuse and recyclable material collectors | 53-7080 | 1,490 | 30 | - | - | 20 | 1,450 | - | - | - | 1,370 | 40 | - | - |
| Refuse and recyclable material collectors | 53-7081 | 1,490 | 30 | - | - | 20 | 1,450 | - | - | - | 1,370 | 40 | - | - |
| Shuttle car operators ......... | 53-7110 | 190 | 160 | 160 | - | - | 30 | 20 | - | - | , | - | - | - |
| Shuttle car operators ...... | 53-7111 | 190 | 160 | 160 | - | - | 30 | 20 | - | - | - | - | - | - |
| Tank car, truck, and ship loaders | 53-7120 | 70 | 50 | - | - | 50 | 20 | 20 | - | - | - | - | - | - |
| Tank car, truck, and ship loaders | 53-7121 | 70 | 50 | - | - | 50 | 20 | 20 | - | - | - | - | - | - |
| Miscellaneous material moving workers | 53-7190 | 2,530 | 930 | 80 | 70 | 790 | 1,590 | 930 | 30 | 210 | 330 | 60 | 30 | - |
| Material moving workers, all other $\qquad$ | 53-7199 | 2,530 | 930 | 80 | 70 | 790 | 1,590 | 930 | 30 | 210 | 330 | 60 | 30 | - |
| Nonclassifiable ........................ | 99-9999 | 1,930 | 490 | 30 | 110 | 350 | 1,440 | 530 | 30 | 180 | 240 | 290 | 30 | 140 |

1 Days-away-from-work cases include those that resulted in days away from work, some of which also included job transfer or restriction

2 Standard Occupational Classification Manual, 2000, Office of Management and Budget
3 Excludes farms with fewer than 11 employees.
4 Data for Mining (Sector 21 in the North American Industry Classification System-- United States 2002) include establishments not governed by the Mine Safety and Health Administration rules and reporting, such as those in Oil and Gas Extraction and related support activities. Data for mining operator in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and Health Administration U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health

Administration made to its recordkeeping requirements effective January 1, 2002; therefore, estimates for these industries are not comparable to estimates in other industries.
5 Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

NOTE: Dash indicates data do not meet publication guidelines. Because of rounding and data exclusion of nonclassifiable responses, data may not sum to the totals.
SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses in cooperation with participating State agencies


[^0]:    See footnotes at end of table.

[^1]:    See footnotes at end of table.

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