

B24010: SEX BY OCCUPATION FOR THE CIVILIAN EMPLOYED POPULATION 16 YEARS AND OVER

Universe: Civilian employed population 16 years and over

2019 American Community Survey, 1-Year Estimates Detailed Tables

| | Alaska | |
|--|----------|-----------------|
| Label | Estimate | Margin of Error |
| Total: | 338 011 | ±5,871 |
| Male: | 183 089 | ±4,134 |
| Management, business, science, and arts occupations: | 58 338 | ±3,703 |
| Management, business, and financial occupations: | 24 272 | ±2,829 |
| Management occupations: | 18 281 | ±2,333 |
| Top executives | 2 828 | ±828 |
| Advertising, promotions, marketing, sales, public relations and fundraising managers | 198 | ±158 |
| Financial managers | 721 | ±539 |
| Human resources managers | 93 | ±146 |
| Operations specialties managers except financial managers and human resources managers | 2 267 | ±707 |
| Farmers, ranchers, and other agricultural managers | 613 | ±312 |
| Other management occupations except farmers, ranchers, and other agricultural managers | 11 561 | ±1,661 |
| Business and financial operations occupations: | 5 991 | ±1,355 |
| Human resources workers | 207 | ±194 |
| Other business operations specialists | 4 197 | ±1,127 |
| Financial specialists: | 1 587 | ±534 |
| Accountants and auditors | 645 | ±333 |
| Other financial specialists | 942 | ±440 |
| Computer, engineering, and science occupations: | 14 175 | ±2,068 |
| Computer and mathematical occupations: | 3 722 | ±1,077 |
| Computer occupations: | 3 560 | ±1,064 |
| Computer and information research scientists and analysts, and information security analysts | 376 | ±266 |
| Software developers and programmers | 1 215 | ±605 |
| Database and systems administrators and network architects | 720 | ±404 |
| Miscellaneous computer occupations, including computer support specialists | 1 249 | ±523 |
| Mathematical science occupations | 162 | ±144 |
| Architecture and engineering occupations: | 7 075 | ±1,487 |
| Architects, surveyors, and cartographers | 548 | ±383 |
| Engineers | 3 795 | ±1,022 |
| Drafters, engineering, and mapping technicians | 2 732 | ±873 |
| Life, physical, and social science occupations: | 3 378 | ±995 |
| Life and physical scientists | 1 423 | ±611 |
| Social scientists and related workers | 548 | ±355 |
| Life, physical, and social science technicians | 1 407 | ±780 |
| Education, legal, community service, arts, and media occupations: | 14 461 | ±1,927 |
| Community and social service occupations: | 2 926 | ±905 |
| Counselors, social workers, and other community and social service specialists | 1 842 | ±781 |
| Religious workers | 1 084 | ±479 |
| Legal occupations: | 1 816 | ±719 |
| Lawyers and judicial law clerks | 1 355 | ±574 |
| Judges, magistrates, and other judicial workers | 134 | ±151 |
| Legal support workers | 327 | ±391 |
| Educational instruction, and library occupations: | 7 023 | ±1,555 |
| Postsecondary teachers | 884 | ±551 |
| Primary, secondary, and special education school teachers: | 3 202 | ±1,073 |
| Preschool and kindergarten teachers | 452 | ±634 |
| Elementary and middle school teachers | 1 102 | ±568 |
| Secondary school teachers | 1 613 | ±690 |
| Special education teachers | 35 | ±45 |
| Librarians, curators, and archivists | 226 | ±192 |
| Other teachers and instructors, education, training, and library occupations | 2 711 | ±946 |
| Arts, design, entertainment, sports, and media occupations: | 2 696 | ±834 |
| Art and design workers | 379 | ±207 |
| Entertainers and performers, sports, and related workers | 735 | ±404 |
| Media and communication equipment workers | 1 582 | ±706 |
| Healthcare practitioners and technical occupations: | 5 430 | ±1,377 |
| Health diagnosing and treating practitioners and other technical occupations: | 3 419 | ±1,022 |
| Physicians and surgeons | 1 315 | ±714 |
| Therapists | 199 | ±131 |
| Registered nurses | 1 349 | ±556 |
| Nurses, all other | 111 | ±137 |
| Other health diagnosing and treating practitioners and technical occupations | 445 | ±384 |
| Health technologists and technicians | 2 011 | ±929 |
| Service occupations: | 27 452 | ±3,195 |

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| Healthcare support occupations: | 2 502 | ±742 |
| Nursing, psychiatric, and personal and home health aides | 2 042 | ±661 |
| Occupational and physical therapist assistants and aides | 11 | ±18 |
| Other healthcare support occupations | 449 | ±333 |
| Protective service occupations: | 6 589 | ±1,308 |
| First-line supervisors of law enforcement workers | 259 | ±197 |
| First-line supervisors of firefighting and prevention workers | 363 | ±394 |
| First-line supervisors of protective service workers, all other | 179 | ±166 |
| Firefighting and prevention workers | 1 255 | ±577 |
| Law enforcement workers | 2 768 | ±1,094 |
| Other protective service workers | 1 765 | ±579 |
| Food preparation and serving related occupations: | 7 345 | ±1,596 |
| First-line supervisors of food preparation and serving workers | 978 | ±682 |
| Cooks and food preparation workers | 3 722 | ±925 |
| Waiters and waitresses | 731 | ±592 |
| Food and beverage serving workers except waiters/waitresses | 417 | ±302 |
| Other food preparation and serving related workers | 1 497 | ±851 |
| Building and grounds cleaning and maintenance occupations: | 7 741 | ±1,751 |
| First-line supervisors of housekeeping and janitorial workers | 887 | ±700 |
| First-line supervisors of landscaping, lawn service, and groundskeeping workers | 18 | ±31 |
| Building cleaning and pest control workers | 5 672 | ±1,543 |
| Grounds maintenance workers | 1 164 | ±670 |
| Personal care and service occupations: | 3 275 | ±1,246 |
| Supervisors of personal care and service workers | 7 | ±13 |
| Personal appearance workers | 601 | ±916 |
| Baggage porters and concierges, and tour and travel guides | 571 | ±342 |
| Child care workers | 140 | ±124 |
| Other personal care and service workers except personal appearance, baggage porters, concierges, and child care workers | 1 956 | ±915 |
| Sales and office occupations: | 25 241 | ±2,943 |
| Sales and related occupations: | 13 763 | ±2,347 |
| First-line supervisors of retail sales workers | 3 932 | ±1,191 |
| First-line supervisors of non-retail sales workers | 1 951 | ±842 |
| Cashiers | 1 984 | ±766 |
| Retail sales workers except cashiers | 3 863 | ±1,228 |
| Sales representatives, services | 619 | ±524 |
| Sales representatives, wholesale and manufacturing | 977 | ±449 |
| Other sales and related workers | 437 | ±284 |
| Office and administrative support occupations: | 11 478 | ±1,659 |
| First-line supervisors of office and administrative support workers | 920 | ±464 |
| Communications equipment operators | 9 | ±17 |
| Financial clerks except bookkeeping, accounting, and auditing clerks | 521 | ±425 |
| Bookkeeping, accounting, and auditing clerks | 411 | ±320 |
| Information and record clerks except customer service representatives | 1 634 | ±589 |
| Customer service representatives | 2 485 | ±904 |
| Material recording, scheduling, dispatching, and distributing workers | 3 570 | ±891 |
| Secretaries and administrative assistants | 305 | ±258 |
| Other office and administrative support workers | 1 623 | ±592 |
| Natural resources, construction, and maintenance occupations: | 36 976 | ±2,528 |
| Farming, fishing, and forestry occupations: | 2 555 | ±512 |
| First-line supervisors of farming, fishing, and forestry workers | 76 | ±72 |
| Agricultural workers | 442 | ±247 |
| Fishing and hunting, and forest, conservation, and logging workers | 2 037 | ±443 |
| Construction and extraction occupations: | 21 090 | ±2,445 |
| First-line supervisors of construction and extraction workers | 1 799 | ±617 |
| Carpenters | 3 854 | ±1,179 |
| Construction laborers | 1 959 | ±633 |
| Electricians | 2 551 | ±950 |
| Painters and paperhangers | 427 | ±289 |
| Pipelayers, plumbers, pipefitters, and steamfitters | 1 578 | ±704 |
| Construction trades workers except carpenters, electricians, painters, plumbers, pipelayers and construction laborers | 5 166 | ±1,385 |
| Other construction workers and helpers | 597 | ±277 |
| Extraction workers | 3 159 | ±1,266 |
| Installation, maintenance, and repair occupations: | 13 331 | ±1,714 |
| First-line supervisors of mechanics, installers, and repairers | 619 | ±374 |
| Vehicle and mobile equipment mechanics, installers, and repairers | 6 628 | ±1,293 |
| Other installation, maintenance, and repair occupations including electrical and electronic equipment mechanics, installers, and repairers | 6 084 | ±1,102 |
| Production, transportation, and material moving occupations: | 35 082 | ±3,294 |
| Production occupations: | 9 346 | ±1,765 |
| First-line supervisors of production and operating workers | 643 | ±404 |

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| Assemblers and fabricators | 135 | ±127 |
| Food processing workers | 2 266 | ±972 |
| Metal workers, plastic workers and computer numerically controlled tool programmers and operators | 1 861 | ±811 |
| Printing workers | 0 | ±163 |
| Textile, apparel, and furnishings workers | 171 | ±140 |
| Woodworkers | 132 | ±96 |
| Plant and system operators | 1 756 | ±502 |
| Other production occupations | 2 382 | ±1,078 |
| Transportation occupations: | 15 124 | ±2,192 |
| Supervisors of transportation and material moving workers | 1 310 | ±755 |
| Air transportation workers | 3 490 | ±1,013 |
| Rail and water transportation workers | 2 025 | ±882 |
| Bus drivers | 1 072 | ±572 |
| Driver/sales workers and truck drivers | 5 502 | ±1,360 |
| Motor vehicle operators except bus and truck drivers | 1 098 | ±482 |
| Other transportation workers | 627 | ±361 |
| Material moving occupations: | 10 612 | ±1,754 |
| Laborers and material movers, hand | 8 987 | ±1,631 |
| Material moving workers except supervisors and laborers and material movers, hand | 1 625 | ±713 |
| Female: | 154 922 | ±3,993 |
| Management, business, science, and arts occupations: | 71 251 | ±3,637 |
| Management, business, and financial occupations: | 22 941 | ±2,282 |
| Management occupations: | 14 965 | ±1,977 |
| Top executives | 2 187 | ±764 |
| Advertising, promotions, marketing, sales, public relations and fundraising managers | 469 | ±260 |
| Financial managers | 1 528 | ±576 |
| Human resources managers | 1 130 | ±871 |
| Operations specialties managers except financial managers and human resources managers | 497 | ±269 |
| Farmers, ranchers, and other agricultural managers | 536 | ±330 |
| Other management occupations except farmers, ranchers, and other agricultural managers | 8 618 | ±1,454 |
| Business and financial operations occupations: | 7 976 | ±1,277 |
| Human resources workers | 1 312 | ±540 |
| Other business operations specialists | 2 623 | ±729 |
| Financial specialists: | 4 041 | ±1,037 |
| Accountants and auditors | 2 736 | ±839 |
| Other financial specialists | 1 305 | ±581 |
| Computer, engineering, and science occupations: | 6 245 | ±1,352 |
| Computer and mathematical occupations: | 1 266 | ±638 |
| Computer occupations: | 936 | ±528 |
| Computer and information research scientists and analysts, and information security analysts | 258 | ±291 |
| Software developers and programmers | 342 | ±286 |
| Database and systems administrators and network architects | 63 | ±105 |
| Miscellaneous computer occupations, including computer support specialists | 273 | ±291 |
| Mathematical science occupations | 330 | ±502 |
| Architecture and engineering occupations: | 1 558 | ±590 |
| Architects, surveyors, and cartographers | 473 | ±400 |
| Engineers | 654 | ±336 |
| Drafters, engineering, and mapping technicians | 431 | ±275 |
| Life, physical, and social science occupations: | 3 421 | ±1,022 |
| Life and physical scientists | 1 714 | ±751 |
| Social scientists and related workers | 551 | ±306 |
| Life, physical, and social science technicians | 1 156 | ±593 |
| Education, legal, community service, arts, and media occupations: | 28 126 | ±2,253 |
| Community and social service occupations: | 5 980 | ±1,387 |
| Counselors, social workers, and other community and social service specialists | 5 006 | ±1,231 |
| Religious workers | 974 | ±612 |
| Legal occupations: | 1 395 | ±562 |
| Lawyers and judicial law clerks | 609 | ±351 |
| Judges, magistrates, and other judicial workers | 30 | ±55 |
| Legal support workers | 756 | ±411 |
| Educational instruction, and library occupations: | 16 970 | ±1,738 |
| Postsecondary teachers | 1 036 | ±467 |
| Primary, secondary, and special education school teachers: | 10 108 | ±1,472 |
| Preschool and kindergarten teachers | 1 994 | ±847 |
| Elementary and middle school teachers | 6 266 | ±1,174 |
| Secondary school teachers | 1 137 | ±470 |
| Special education teachers | 711 | ±406 |
| Librarians, curators, and archivists | 678 | ±349 |
| Other teachers and instructors, education, training, and library occupations | 5 148 | ±979 |
| Arts, design, entertainment, sports, and media occupations: | 3 781 | ±1,099 |
| Art and design workers | 932 | ±506 |

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|---|--------|--------|
| Entertainers and performers, sports, and related workers | 757 | ±581 |
| Media and communication equipment workers | 2 092 | ±856 |
| Healthcare practitioners and technical occupations: | 13 939 | ±1,967 |
| Health diagnosing and treating practitioners and other technical occupations: | 10 973 | ±1,823 |
| Physicians and surgeons | 1 525 | ±960 |
| Therapists | 1 866 | ±739 |
| Registered nurses | 5 512 | ±1,286 |
| Nurses, all other | 759 | ±371 |
| Other health diagnosing and treating practitioners and technical occupations | 1 311 | ±585 |
| Health technologists and technicians | 2 966 | ±885 |
| Service occupations: | 30 997 | ±2,823 |
| Healthcare support occupations: | 9 029 | ±1,249 |
| Nursing, psychiatric, and personal and home health aides | 5 804 | ±1,079 |
| Occupational and physical therapist assistants and aides | 272 | ±203 |
| Other healthcare support occupations | 2 953 | ±813 |
| Protective service occupations: | 2 000 | ±951 |
| First-line supervisors of law enforcement workers | 90 | ±106 |
| First-line supervisors of firefighting and prevention workers | 0 | ±163 |
| First-line supervisors of protective service workers, all other | 0 | ±163 |
| Firefighting and prevention workers | 0 | ±163 |
| Law enforcement workers | 264 | ±180 |
| Other protective service workers | 1 646 | ±930 |
| Food preparation and serving related occupations: | 8 579 | ±1,593 |
| First-line supervisors of food preparation and serving workers | 178 | ±112 |
| Cooks and food preparation workers | 3 225 | ±1,017 |
| Waiters and waitresses | 1 908 | ±751 |
| Food and beverage serving workers except waiters/waitresses | 2 813 | ±955 |
| Other food preparation and serving related workers | 455 | ±306 |
| Building and grounds cleaning and maintenance occupations: | 3 875 | ±1,270 |
| First-line supervisors of housekeeping and janitorial workers | 130 | ±169 |
| First-line supervisors of landscaping, lawn service, and groundskeeping workers | 0 | ±163 |
| Building cleaning and pest control workers | 3 588 | ±1,247 |
| Grounds maintenance workers | 157 | ±128 |
| Personal care and service occupations: | 7 514 | ±1,358 |
| Supervisors of personal care and service workers | 54 | ±63 |
| Personal appearance workers | 1 779 | ±621 |
| Baggage porters and concierges, and tour and travel guides | 789 | ±448 |
| Child care workers | 2 741 | ±1,046 |
| Other personal care and service workers except personal appearance, baggage porters, concierges, and child care workers | 2 151 | ±650 |
| Sales and office occupations: | 40 866 | ±3,210 |
| Sales and related occupations: | 13 427 | ±1,826 |
| First-line supervisors of retail sales workers | 3 298 | ±1,053 |
| First-line supervisors of non-retail sales workers | 361 | ±246 |
| Cashiers | 3 573 | ±986 |
| Retail sales workers except cashiers | 3 335 | ±1,062 |
| Sales representatives, services | 1 765 | ±884 |
| Sales representatives, wholesale and manufacturing | 532 | ±386 |
| Other sales and related workers | 563 | ±290 |
| Office and administrative support occupations: | 27 439 | ±2,635 |
| First-line supervisors of office and administrative support workers | 2 061 | ±793 |
| Communications equipment operators | 329 | ±339 |
| Financial clerks except bookkeeping, accounting, and auditing clerks | 2 708 | ±707 |
| Bookkeeping, accounting, and auditing clerks | 2 209 | ±635 |
| Information and record clerks except customer service representatives | 4 588 | ±1,057 |
| Customer service representatives | 3 239 | ±937 |
| Material recording, scheduling, dispatching, and distributing workers | 2 711 | ±915 |
| Secretaries and administrative assistants | 5 574 | ±1,244 |
| Other office and administrative support workers | 4 020 | ±643 |
| Natural resources, construction, and maintenance occupations: | 1 602 | ±597 |
| Farming, fishing, and forestry occupations: | 718 | ±479 |
| First-line supervisors of farming, fishing, and forestry workers | 24 | ±39 |
| Agricultural workers | 241 | ±208 |
| Fishing and hunting, and forest, conservation, and logging workers | 453 | ±368 |
| Construction and extraction occupations: | 683 | ±308 |
| First-line supervisors of construction and extraction workers | 92 | ±139 |
| Carpenters | 40 | ±81 |
| Construction laborers | 149 | ±148 |
| Electricians | 130 | ±214 |
| Painters and paperhangers | 106 | ±124 |
| Pipelayers, plumbers, pipefitters, and steamfitters | 0 | ±163 |

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|--|--------|--------|
| Construction trades workers except carpenters, electricians, painters, plumbers, pipelayers and construction laborers | 41 | ±47 |
| Other construction workers and helpers | 61 | ±109 |
| Extraction workers | 64 | ±95 |
| Installation, maintenance, and repair occupations: | 201 | ±148 |
| First-line supervisors of mechanics, installers, and repairers | 0 | ±163 |
| Vehicle and mobile equipment mechanics, installers, and repairers | 128 | ±153 |
| Other installation, maintenance, and repair occupations including electrical and electronic equipment mechanics, installers, and repairers | 73 | ±65 |
| Production, transportation, and material moving occupations: | 10 206 | ±1,704 |
| Production occupations: | 3 816 | ±882 |
| First-line supervisors of production and operating workers | 156 | ±125 |
| Assemblers and fabricators | 61 | ±102 |
| Food processing workers | 1 428 | ±612 |
| Metal workers, plastic workers and computer numerically controlled tool programmers and operators | 0 | ±163 |
| Printing workers | 73 | ±122 |
| Textile, apparel, and furnishings workers | 348 | ±313 |
| Woodworkers | 0 | ±163 |
| Plant and system operators | 15 | ±23 |
| Other production occupations | 1 735 | ±751 |
| Transportation occupations: | 2 768 | ±955 |
| Supervisors of transportation and material moving workers | 84 | ±140 |
| Air transportation workers | 715 | ±454 |
| Rail and water transportation workers | 53 | ±53 |
| Bus drivers | 450 | ±316 |
| Driver/sales workers and truck drivers | 252 | ±211 |
| Motor vehicle operators except bus and truck drivers | 754 | ±537 |
| Other transportation workers | 460 | ±553 |
| Material moving occupations: | 3 622 | ±1,045 |
| Laborers and material movers, hand | 3 391 | ±1,012 |
| Material moving workers except supervisors and laborers and material movers, hand | 231 | ±266 |

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities, and towns and estimates of housing units for states and counties.

Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the Technical Documentation section.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.

Source: U.S. Census Bureau, 2019 American Community Survey 1-Year Estimates

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see ACS Technical Documentation). The effect of nonsampling error is not represented in these tables.

Occupation titles and their 4-digit codes are based on the 2018 Standard Occupational Classification.

The 2019 American Community Survey (ACS) data generally reflect the September 2018 Office of Management and Budget (OMB) delineations of metropolitan and micropolitan statistical areas. In certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB delineations due to differences in the effective dates of the geographic entities.

Estimates of urban and rural populations, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Explanation of Symbols: * An "***" entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.

* An "-" entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution, or the margin of error associated with a median was larger than the median itself.

* An "-" following a median estimate means the median falls in the lowest interval of an open-ended distribution.

* An "+" following a median estimate means the median falls in the upper interval of an open-ended distribution.

* An "****" entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.

* An "*****" entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.

* An "N" entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.

* An "(X)" means that the estimate is not applicable or not available.