

**B24010: SEX BY OCCUPATION FOR THE CIVILIAN EMPLOYED POPULATION 16 YEARS AND OVER****Universe: Civilian employed population 16 years and over****2018 American Community Survey, 1-Year Estimates**

	Alaska	
	Estimate	Margin of Error
Total:	345,769	+/-4,933
Male:	183,641	+/-4,227
Management, business, science, and arts occupations:	59,042	+/-2,920
Management, business, and financial occupations:	25,342	+/-2,265
Management occupations:	19,174	+/-2,104
Top executives	3,311	+/-791
Advertising, promotions, marketing, sales, public relations and fundraising managers	444	+/-309
Financial managers	1,014	+/-441
Human resources managers	210	+/-211
Operations specialties managers except financial managers and human resources managers	2,530	+/-760
Farmers, ranchers, and other agricultural managers	372	+/-224
Other management occupations except farmers, ranchers, and other agricultural managers	11,293	+/-1,608
Business and financial operations occupations:	6,168	+/-1,076
Human resources workers	144	+/-129
Other business operations specialists	3,541	+/-808
Financial specialists:	2,483	+/-831
Accountants and auditors	704	+/-316
Other financial specialists	1,779	+/-768
Computer, engineering, and science occupations:	14,389	+/-1,741
Computer and mathematical occupations:	4,606	+/-841
Computer occupations:	4,392	+/-793
Computer and information research scientists and analysts, and information security analysts	494	+/-393
Software developers and programmers	1,078	+/-394
Database and systems administrators and network architects	544	+/-365
Miscellaneous computer occupations, including computer support specialists	2,276	+/-582
Mathematical science occupations	214	+/-189
Architecture and engineering occupations:	6,532	+/-1,395
Architects, surveyors, and cartographers	653	+/-477
Engineers	4,285	+/-1,014
Drafters, engineering, and mapping technicians	1,594	+/-495
Life, physical, and social science occupations:	3,251	+/-990
Life and physical scientists	1,210	+/-574
Social scientists and related workers	402	+/-275
Life, physical, and social science technicians	1,639	+/-803
Education, legal, community service, arts, and media occupations:	13,984	+/-1,808
Community and social service occupations:	2,907	+/-746
Counselors, social workers, and other community and social service specialists	1,931	+/-733
Religious workers	976	+/-344
Legal occupations:	1,710	+/-731
Lawyers and judicial law clerks	1,210	+/-639
Judges, magistrates, and other judicial workers	241	+/-211
Legal support workers	259	+/-265
Educational instruction, and library occupations:	6,203	+/-1,172
Postsecondary teachers	1,401	+/-758
Primary, secondary, and special education school teachers:	2,972	+/-850
Preschool and kindergarten teachers	3	+/-11
Elementary and middle school teachers	1,788	+/-602
Secondary school teachers	1,028	+/-543
Special education teachers	153	+/-102
Librarians, curators, and archivists	208	+/-209
Other teachers and instructors, education, training, and library occupations	1,622	+/-618
Arts, design, entertainment, sports, and media occupations:	3,164	+/-896
Art and design workers	643	+/-332
Entertainers and performers, sports, and related workers	579	+/-371
Media and communication equipment workers	1,942	+/-644
Healthcare practitioners and technical occupations:	5,327	+/-1,249
Health diagnosing and treating practitioners and other technical occupations:	3,305	+/-887
Physicians and surgeons	970	+/-518
Therapists	84	+/-91

Registered nurses	503	+/-265
Nurses, all other	0	+/-157
Other health diagnosing and treating practitioners and technical occupations	1,748	+/-746
Health technologists and technicians	2,022	+/-688
Service occupations:	29,494	+/-2,468
Healthcare support occupations:	2,467	+/-987
Nursing, psychiatric, and personal and home health aides	1,215	+/-551
Occupational and physical therapist assistants and aides	195	+/-172
Other healthcare support occupations	1,057	+/-853
Protective service occupations:	6,037	+/-1,212
First-line supervisors of law enforcement workers	469	+/-274
First-line supervisors of firefighting and prevention workers	8	+/-14
First-line supervisors of protective service workers, all other	147	+/-172
Firefighting and prevention workers	837	+/-371
Law enforcement workers	2,795	+/-894
Other protective service workers	1,781	+/-631
Food preparation and serving related occupations:	10,486	+/-1,879
First-line supervisors of food preparation and serving workers	2,332	+/-1,096
Cooks and food preparation workers	4,283	+/-1,059
Waiters and waitresses	1,048	+/-517
Food and beverage serving workers except waiters/waitresses	851	+/-475
Other food preparation and serving related workers	1,972	+/-745
Building and grounds cleaning and maintenance occupations:	6,984	+/-1,362
First-line supervisors of housekeeping and janitorial workers	474	+/-362
First-line supervisors of landscaping, lawn service, and groundskeeping workers	0	+/-157
Building cleaning and pest control workers	5,660	+/-1,162
Grounds maintenance workers	850	+/-596
Personal care and service occupations:	3,520	+/-1,047
Supervisors of personal care and service workers	17	+/-28
Personal appearance workers	438	+/-408
Baggage porters and concierges, and tour and travel guides	974	+/-589
Child care workers	528	+/-335
Other personal care and service workers except personal appearance, baggage porters, concierges, and child care workers	1,563	+/-595
Sales and office occupations:	25,521	+/-2,543
Sales and related occupations:	14,222	+/-2,065
First-line supervisors of retail sales workers	3,607	+/-855
First-line supervisors of non-retail sales workers	1,824	+/-802
Cashiers	1,921	+/-626
Retail sales workers except cashiers	4,821	+/-1,233
Sales representatives, services	318	+/-241
Sales representatives, wholesale and manufacturing	829	+/-480
Other sales and related workers	902	+/-531
Office and administrative support occupations:	11,299	+/-1,495
First-line supervisors of office and administrative support workers	1,364	+/-636
Communications equipment operators	0	+/-157
Financial clerks except bookkeeping, accounting, and auditing clerks	703	+/-389
Bookkeeping, accounting, and auditing clerks	645	+/-370
Information and record clerks except customer service representatives	1,866	+/-794
Customer service representatives	1,516	+/-473
Material recording, scheduling, dispatching, and distributing workers	3,125	+/-985
Secretaries and administrative assistants	1,146	+/-737
Other office and administrative support workers	934	+/-395
Natural resources, construction, and maintenance occupations:	37,303	+/-3,381
Farming, fishing, and forestry occupations:	3,428	+/-887
First-line supervisors of farming, fishing, and forestry workers	286	+/-244
Agricultural workers	571	+/-577
Fishing and hunting, and forest, conservation, and logging workers	2,571	+/-669
Construction and extraction occupations:	18,963	+/-2,149
First-line supervisors of construction and extraction workers	1,652	+/-613
Carpenters	2,884	+/-897
Construction laborers	3,149	+/-901
Electricians	2,507	+/-802
Painters and paperhangers	583	+/-425
Pipelayers, plumbers, pipefitters, and steamfitters	1,000	+/-423

Construction trades workers except carpenters, electricians, painters, plumbers, pipelayers and construction laborers	3,304	+/-776
Other construction workers and helpers	2,123	+/-1,297
Extraction workers	1,761	+/-569
Installation, maintenance, and repair occupations:	14,912	+/-2,479
First-line supervisors of mechanics, installers, and repairers	1,063	+/-537
Vehicle and mobile equipment mechanics, installers, and repairers	5,799	+/-1,389
Other installation, maintenance, and repair occupations including electrical and electronic equipment mechanics, installers, and repairers	8,050	+/-1,956
Production, transportation, and material moving occupations:	32,281	+/-2,757
Production occupations:	8,739	+/-1,502
First-line supervisors of production and operating workers	632	+/-274
Assemblers and fabricators	178	+/-164
Food processing workers	1,742	+/-601
Metal workers, plastic workers and computer numerically controlled tool programmers and operators	1,620	+/-793
Printing workers	60	+/-102
Textile, apparel, and furnishings workers	286	+/-232
Woodworkers	309	+/-247
Plant and system operators	1,685	+/-494
Other production occupations	2,227	+/-771
Transportation occupations:	14,281	+/-2,246
Supervisors of transportation and material moving workers	768	+/-465
Air transportation workers	1,906	+/-536
Rail and water transportation workers	1,020	+/-434
Bus drivers	1,028	+/-476
Driver/sales workers and truck drivers	6,810	+/-1,666
Motor vehicle operators except bus and truck drivers	900	+/-472
Other transportation workers	1,849	+/-760
Material moving occupations:	9,261	+/-1,541
Laborers and material movers, hand	8,426	+/-1,613
Material moving workers except supervisors and laborers and material movers, hand	835	+/-464
Female:	162,128	+/-3,449
Management, business, science, and arts occupations:	71,569	+/-3,713
Management, business, and financial occupations:	26,248	+/-2,580
Management occupations:	16,231	+/-1,952
Top executives	2,167	+/-666
Advertising, promotions, marketing, sales, public relations and fundraising managers	797	+/-460
Financial managers	1,431	+/-517
Human resources managers	794	+/-539
Operations specialties managers except financial managers and human resources managers	734	+/-414
Farmers, ranchers, and other agricultural managers	79	+/-96
Other management occupations except farmers, ranchers, and other agricultural managers	10,229	+/-1,522
Business and financial operations occupations:	10,017	+/-1,659
Human resources workers	1,667	+/-680
Other business operations specialists	3,621	+/-875
Financial specialists:	4,729	+/-1,293
Accountants and auditors	2,758	+/-784
Other financial specialists	1,971	+/-874
Computer, engineering, and science occupations:	5,601	+/-1,209
Computer and mathematical occupations:	2,004	+/-763
Computer occupations:	1,989	+/-760
Computer and information research scientists and analysts, and information security analysts	494	+/-360
Software developers and programmers	581	+/-512
Database and systems administrators and network architects	139	+/-204
Miscellaneous computer occupations, including computer support specialists	775	+/-380
Mathematical science occupations	15	+/-27
Architecture and engineering occupations:	1,340	+/-613
Architects, surveyors, and cartographers	78	+/-84
Engineers	865	+/-499
Drafters, engineering, and mapping technicians	397	+/-296
Life, physical, and social science occupations:	2,257	+/-714
Life and physical scientists	1,534	+/-607
Social scientists and related workers	460	+/-300
Life, physical, and social science technicians	263	+/-152

Education, legal, community service, arts, and media occupations:	24,955	+/-2,683
Community and social service occupations:	5,082	+/-1,070
Counselors, social workers, and other community and social service specialists	4,815	+/-1,082
Religious workers	267	+/-157
Legal occupations:	1,571	+/-604
Lawyers and judicial law clerks	952	+/-493
Judges, magistrates, and other judicial workers	26	+/-31
Legal support workers	593	+/-321
Educational instruction, and library occupations:	14,982	+/-2,066
Postsecondary teachers	1,919	+/-869
Primary, secondary, and special education school teachers:	8,092	+/-1,418
Preschool and kindergarten teachers	1,331	+/-795
Elementary and middle school teachers	4,980	+/-924
Secondary school teachers	649	+/-288
Special education teachers	1,132	+/-582
Librarians, curators, and archivists	500	+/-339
Other teachers and instructors, education, training, and library occupations	4,471	+/-1,033
Arts, design, entertainment, sports, and media occupations:	3,320	+/-904
Art and design workers	1,019	+/-434
Entertainers and performers, sports, and related workers	725	+/-440
Media and communication equipment workers	1,576	+/-650
Healthcare practitioners and technical occupations:	14,765	+/-1,742
Health diagnosing and treating practitioners and other technical occupations:	11,182	+/-1,606
Physicians and surgeons	1,045	+/-567
Therapists	1,885	+/-603
Registered nurses	5,660	+/-1,040
Nurses, all other	582	+/-288
Other health diagnosing and treating practitioners and technical occupations	2,010	+/-990
Health technologists and technicians	3,583	+/-848
Service occupations:	33,626	+/-2,248
Healthcare support occupations:	9,984	+/-1,522
Nursing, psychiatric, and personal and home health aides	6,844	+/-1,345
Occupational and physical therapist assistants and aides	129	+/-89
Other healthcare support occupations	3,011	+/-836
Protective service occupations:	1,669	+/-544
First-line supervisors of law enforcement workers	15	+/-26
First-line supervisors of firefighting and prevention workers	11	+/-19
First-line supervisors of protective service workers, all other	0	+/-157
Firefighting and prevention workers	17	+/-23
Law enforcement workers	665	+/-434
Other protective service workers	961	+/-374
Food preparation and serving related occupations:	9,700	+/-1,426
First-line supervisors of food preparation and serving workers	698	+/-344
Cooks and food preparation workers	4,286	+/-945
Waiters and waitresses	2,705	+/-813
Food and beverage serving workers except waiters/waitresses	1,574	+/-781
Other food preparation and serving related workers	437	+/-270
Building and grounds cleaning and maintenance occupations:	5,188	+/-1,263
First-line supervisors of housekeeping and janitorial workers	184	+/-151
First-line supervisors of landscaping, lawn service, and groundskeeping workers	22	+/-37
Building cleaning and pest control workers	4,623	+/-1,222
Grounds maintenance workers	359	+/-235
Personal care and service occupations:	7,085	+/-1,343
Supervisors of personal care and service workers	117	+/-188
Personal appearance workers	1,998	+/-951
Baggage porters and concierges, and tour and travel guides	135	+/-105
Child care workers	3,403	+/-880
Other personal care and service workers except personal appearance, baggage porters, concierges, and child care workers	1,432	+/-567
Sales and office occupations:	44,122	+/-2,745
Sales and related occupations:	14,352	+/-2,129
First-line supervisors of retail sales workers	3,256	+/-792
First-line supervisors of non-retail sales workers	618	+/-502
Cashiers	4,447	+/-1,250
Retail sales workers except cashiers	4,070	+/-980

Sales representatives, services	589	+/-297
Sales representatives, wholesale and manufacturing	288	+/-225
Other sales and related workers	1,084	+/-463
Office and administrative support occupations:	29,770	+/-2,332
First-line supervisors of office and administrative support workers	2,534	+/-680
Communications equipment operators	14	+/-22
Financial clerks except bookkeeping, accounting, and auditing clerks	2,308	+/-646
Bookkeeping, accounting, and auditing clerks	3,273	+/-781
Information and record clerks except customer service representatives	4,723	+/-798
Customer service representatives	3,551	+/-807
Material recording, scheduling, dispatching, and distributing workers	1,411	+/-507
Secretaries and administrative assistants	6,545	+/-1,511
Other office and administrative support workers	5,411	+/-1,182
Natural resources, construction, and maintenance occupations:	2,282	+/-742
Farming, fishing, and forestry occupations:	1,113	+/-669
First-line supervisors of farming, fishing, and forestry workers	0	+/-157
Agricultural workers	660	+/-597
Fishing and hunting, and forest, conservation, and logging workers	453	+/-316
Construction and extraction occupations:	959	+/-416
First-line supervisors of construction and extraction workers	312	+/-246
Carpenters	77	+/-133
Construction laborers	186	+/-222
Electricians	0	+/-157
Painters and paperhangers	92	+/-108
Pipelayers, plumbers, pipefitters, and steamfitters	0	+/-157
Construction trades workers except carpenters, electricians, painters, plumbers, pipelayers and construction laborers	150	+/-194
Other construction workers and helpers	95	+/-129
Extraction workers	47	+/-76
Installation, maintenance, and repair occupations:	210	+/-145
First-line supervisors of mechanics, installers, and repairers	0	+/-157
Vehicle and mobile equipment mechanics, installers, and repairers	70	+/-87
Other installation, maintenance, and repair occupations including electrical and electronic equipment mechanics, installers, and repairers	140	+/-116
Production, transportation, and material moving occupations:	10,529	+/-1,772
Production occupations:	4,040	+/-1,006
First-line supervisors of production and operating workers	297	+/-233
Assemblers and fabricators	22	+/-33
Food processing workers	1,987	+/-824
Metal workers, plastic workers and computer numerically controlled tool programmers and operators	170	+/-245
Printing workers	89	+/-100
Textile, apparel, and furnishings workers	453	+/-252
Woodworkers	8	+/-14
Plant and system operators	139	+/-129
Other production occupations	875	+/-400
Transportation occupations:	3,382	+/-935
Supervisors of transportation and material moving workers	124	+/-122
Air transportation workers	1,150	+/-552
Rail and water transportation workers	163	+/-148
Bus drivers	267	+/-185
Driver/sales workers and truck drivers	1,238	+/-705
Motor vehicle operators except bus and truck drivers	186	+/-181
Other transportation workers	254	+/-204
Material moving occupations:	3,107	+/-1,233
Laborers and material movers, hand	2,914	+/-1,198
Material moving workers except supervisors and laborers and material movers, hand	193	+/-172

Source: U.S. Census Bureau, 2018 American Community Survey 1-Year Estimates

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.

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.

Industry codes are 4-digit codes and are based on the North American Industry Classification System 2017. The Industry categories adhere to the guidelines issued in Clarification Memorandum No. 2, "NAICS Alternate Aggregation Structure for Use By U.S. Statistical Agencies," issued by the Office of Management and Budget.

While the 2018 American Community Survey (ACS) data generally reflect the July 2015 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.

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.