

**HOUSEHOLD DATA
ANNUAL AVERAGES**

53. Certification and licensing status of the employed by occupation, 2021 annual averages

[Numbers in thousands]

Occupation	Total employed	Percent distribution				
		Total employed	With a certification or license ¹			Without a certification or license
			Total	With a certification, but no license	With a license ²	
Total, 16 years and over.....	152,581	100.0	24.2	2.2	21.9	75.8
Management, professional, and related occupations.....	64,744	100.0	35.0	3.2	31.8	65.0
Management, business, and financial operations occupations.....	27,864	100.0	21.4	2.9	18.4	78.6
Management occupations.....	18,986	100.0	21.2	2.8	18.4	78.8
Business and financial operations occupations.....	8,878	100.0	21.7	3.2	18.5	78.3
Professional and related occupations.....	36,880	100.0	45.3	3.3	42.0	54.7
Computer and mathematical occupations.....	5,688	100.0	12.9	5.8	7.1	87.1
Architecture and engineering occupations.....	3,235	100.0	22.9	3.5	19.4	77.1
Life, physical, and social science occupations.....	1,640	100.0	26.7	3.0	23.7	73.3
Community and social services occupations.....	2,777	100.0	40.2	3.1	37.0	59.8
Legal occupations.....	1,805	100.0	64.6	3.0	61.6	35.4
Education, training, and library occupations.....	8,946	100.0	53.7	1.8	51.9	46.3
Arts, design, entertainment, sports, and media occupations.....	3,151	100.0	11.1	2.3	8.8	88.9
Healthcare practitioners and technical occupations.....	9,639	100.0	76.4	3.8	72.6	23.6
Service occupations.....	24,403	100.0	21.1	1.6	19.5	78.9
Healthcare support occupations.....	4,887	100.0	39.3	2.1	37.1	60.7
Protective service occupations.....	2,987	100.0	37.1	1.8	35.3	62.9
Food preparation and serving related occupations.....	7,370	100.0	6.6	1.0	5.6	93.4
Building and grounds cleaning and maintenance occupations.....	5,482	100.0	6.7	0.8	5.9	93.3
Personal care and service occupations.....	3,676	100.0	34.4	2.9	31.5	65.6
Sales and office occupations.....	30,166	100.0	12.9	1.4	11.5	87.1
Sales and related occupations.....	14,369	100.0	16.6	1.5	15.0	83.4
Office and administrative support occupations.....	15,797	100.0	9.5	1.2	8.2	90.5
Natural resources, construction, and maintenance occupations.....	13,959	100.0	18.3	2.3	16.1	81.7
Farming, fishing, and forestry occupations.....	1,061	100.0	8.2	0.6	7.6	91.8
Construction and extraction occupations.....	8,057	100.0	17.3	1.6	15.6	82.7
Installation, maintenance, and repair occupations.....	4,840	100.0	22.3	3.7	18.6	77.7
Production, transportation, and material moving occupations.....	19,309	100.0	13.6	1.2	12.4	86.4
Production occupations.....	7,950	100.0	9.3	1.5	7.8	90.7
Transportation and material moving occupations.....	11,359	100.0	16.7	1.0	15.7	83.3

¹ A person may have more than one certification or license.

² Persons with a license may also have a certification.

NOTE: Certifications are issued by a non-governmental certification body and convey that an individual has the knowledge or skill to perform a specific job. A license is awarded by a government agency and conveys a legal authority to work in an occupation. Updated population controls are introduced annually with the release of January data. Effective with January 2020 data, occupations reflect the introduction of the 2018 Census occupational classification system, derived from the 2018 Standard Occupational Classification (SOC). No historical data have been revised. Data for 2020 are not strictly comparable with earlier years.