

**HOUSEHOLD DATA
ANNUAL AVERAGES**

53. Certification and licensing status of the employed by occupation, 2020 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.....	147,795	100.0	25.0	2.3	22.7	75.0
Management, professional, and related occupations.....	63,644	100.0	35.6	3.3	32.3	64.4
Management, business, and financial operations occupations.....	27,143	100.0	22.3	3.3	19.0	77.7
Management occupations.....	18,564	100.0	22.1	3.1	19.0	77.9
Business and financial operations occupations.....	8,578	100.0	22.7	3.8	18.9	77.3
Professional and related occupations.....	36,502	100.0	45.5	3.2	42.3	54.5
Computer and mathematical occupations.....	5,603	100.0	12.4	5.4	7.0	87.6
Architecture and engineering occupations.....	3,169	100.0	22.8	3.3	19.5	77.2
Life, physical, and social science occupations.....	1,627	100.0	28.0	3.5	24.5	72.0
Community and social services occupations.....	2,717	100.0	38.1	4.1	34.0	61.9
Legal occupations.....	1,882	100.0	66.3	3.5	62.8	33.7
Education, training, and library occupations.....	8,902	100.0	53.7	1.8	52.0	46.3
Arts, design, entertainment, sports, and media occupations.....	3,042	100.0	12.8	3.0	9.8	87.2
Healthcare practitioners and technical occupations.....	9,559	100.0	76.3	3.1	73.2	23.7
Service occupations.....	22,853	100.0	22.5	1.5	21.0	77.5
Healthcare support occupations.....	4,790	100.0	40.1	2.6	37.5	59.9
Protective service occupations.....	3,024	100.0	38.1	1.5	36.6	61.9
Food preparation and serving related occupations.....	6,556	100.0	7.0	0.7	6.3	93.0
Building and grounds cleaning and maintenance occupations.....	5,084	100.0	8.2	0.8	7.3	91.8
Personal care and service occupations.....	3,399	100.0	35.1	2.3	32.8	64.9
Sales and office occupations.....	29,726	100.0	13.2	1.4	11.8	86.8
Sales and related occupations.....	14,168	100.0	16.5	1.6	14.9	83.5
Office and administrative support occupations.....	15,558	100.0	10.2	1.3	8.8	89.8
Natural resources, construction, and maintenance occupations.....	13,357	100.0	19.2	2.2	17.1	80.8
Farming, fishing, and forestry occupations.....	1,045	100.0	8.6	0.6	8.0	91.4
Construction and extraction occupations.....	7,710	100.0	18.2	1.5	16.7	81.8
Installation, maintenance, and repair occupations.....	4,602	100.0	23.3	3.7	19.6	76.7
Production, transportation, and material moving occupations.....	18,215	100.0	14.3	1.4	12.9	85.7
Production occupations.....	7,590	100.0	10.2	1.7	8.4	89.8
Transportation and material moving occupations.....	10,625	100.0	17.2	1.1	16.1	82.8

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.