

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**53. Certification and licensing status of the employed by occupation, 2022 annual averages**

[Numbers in thousands]

Occupation	Total employed	Percent distribution				
		Total employed	With a certification or license <sup>1</sup>			Without a certification or license
			Total	With a certification, but no license	With a license <sup>2</sup>	
Total, 16 years and over.....	158,291	100.0	24.0	2.3	21.7	76.0
Management, professional, and related occupations.....	68,099	100.0	34.5	3.3	31.2	65.5
Management, business, and financial operations occupations.....	29,350	100.0	21.6	3.3	18.3	78.4
Management occupations.....	20,199	100.0	21.4	3.1	18.3	78.6
Business and financial operations occupations.....	9,152	100.0	22.2	3.8	18.4	77.8
Professional and related occupations.....	38,749	100.0	44.3	3.3	41.0	55.7
Computer and mathematical occupations.....	6,171	100.0	12.6	5.5	7.2	87.4
Architecture and engineering occupations.....	3,464	100.0	23.0	3.4	19.6	77.0
Life, physical, and social science occupations.....	1,840	100.0	25.3	2.3	23.0	74.7
Community and social services occupations.....	2,945	100.0	39.4	3.5	35.9	60.6
Legal occupations.....	1,861	100.0	64.2	2.9	61.3	35.8
Education, training, and library occupations.....	9,220	100.0	53.0	2.1	50.9	47.0
Arts, design, entertainment, sports, and media occupations.....	3,441	100.0	12.1	2.3	9.8	87.9
Healthcare practitioners and technical occupations.....	9,808	100.0	76.1	3.5	72.6	23.9
Service occupations.....	25,438	100.0	20.6	1.6	19.0	79.4
Healthcare support occupations.....	4,930	100.0	38.6	2.5	36.1	61.4
Protective service occupations.....	3,057	100.0	36.8	2.0	34.8	63.2
Food preparation and serving related occupations.....	7,907	100.0	6.4	0.5	5.9	93.6
Building and grounds cleaning and maintenance occupations.....	5,576	100.0	7.0	0.8	6.2	93.0
Personal care and service occupations.....	3,968	100.0	33.0	3.1	29.9	67.0
Sales and office occupations.....	30,412	100.0	12.9	1.4	11.6	87.1
Sales and related occupations.....	14,316	100.0	16.3	1.5	14.8	83.7
Office and administrative support occupations.....	16,096	100.0	9.9	1.2	8.6	90.1
Natural resources, construction, and maintenance occupations.....	14,260	100.0	18.1	2.4	15.7	81.9
Farming, fishing, and forestry occupations.....	980	100.0	9.1	0.8	8.3	90.9
Construction and extraction occupations.....	8,427	100.0	16.8	1.8	15.1	83.2
Installation, maintenance, and repair occupations.....	4,853	100.0	22.3	3.9	18.4	77.7
Production, transportation, and material moving occupations.....	20,082	100.0	13.9	1.5	12.4	86.1
Production occupations.....	8,256	100.0	9.1	1.8	7.2	90.9
Transportation and material moving occupations.....	11,826	100.0	17.3	1.2	16.0	82.7

<sup>1</sup> A person may have more than one certification or license.

<sup>2</sup> 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.