

**HOUSEHOLD DATA
ANNUAL AVERAGES**

53. Certification and licensing status of the employed by occupation, 2016 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.....	151,436	100.0	25.0	2.7	22.3	75.0
Management, professional, and related occupations.....	59,438	100.0	37.0	3.7	33.2	63.0
Management, business, and financial operations occupations.....	24,941	100.0	22.9	3.4	19.5	77.1
Management occupations.....	17,418	100.0	22.5	3.2	19.3	77.5
Business and financial operations occupations.....	7,523	100.0	24.0	4.0	20.0	76.0
Professional and related occupations.....	34,498	100.0	47.1	3.9	43.2	52.9
Computer and mathematical occupations.....	4,601	100.0	14.2	7.4	6.8	85.8
Architecture and engineering occupations.....	3,106	100.0	26.4	4.0	22.4	73.6
Life, physical, and social science occupations.....	1,367	100.0	25.4	3.1	22.3	74.6
Community and social services occupations.....	2,612	100.0	38.5	5.0	33.5	61.5
Legal occupations.....	1,808	100.0	66.8	3.4	63.4	33.2
Education, training, and library occupations.....	8,948	100.0	55.5	1.9	53.6	44.5
Arts, design, entertainment, sports, and media occupations.....	3,097	100.0	11.6	3.1	8.5	88.4
Healthcare practitioners and technical occupations.....	8,960	100.0	77.0	4.4	72.6	23.0
Service occupations.....	26,811	100.0	21.9	1.9	20.0	78.1
Healthcare support occupations.....	3,554	100.0	50.9	3.6	47.2	49.1
Protective service occupations.....	3,117	100.0	37.6	1.6	36.1	62.4
Food preparation and serving related occupations.....	8,542	100.0	7.7	1.0	6.7	92.3
Building and grounds cleaning and maintenance occupations.....	5,804	100.0	7.6	1.1	6.5	92.4
Personal care and service occupations.....	5,795	100.0	31.1	3.1	27.9	68.9
Sales and office occupations.....	33,539	100.0	12.6	1.6	11.0	87.4
Sales and related occupations.....	15,848	100.0	16.1	1.8	14.3	83.9
Office and administrative support occupations.....	17,691	100.0	9.6	1.4	8.2	90.4
Natural resources, construction, and maintenance occupations.....	13,904	100.0	20.2	3.2	17.1	79.8
Farming, fishing, and forestry occupations.....	1,096	100.0	9.1	0.8	8.3	90.9
Construction and extraction occupations.....	7,929	100.0	19.7	2.2	17.5	80.3
Installation, maintenance, and repair occupations.....	4,879	100.0	23.6	5.3	18.3	76.4
Production, transportation, and material moving occupations.....	17,743	100.0	16.5	1.8	14.7	83.5
Production occupations.....	8,459	100.0	10.2	2.2	8.0	89.8
Transportation and material moving occupations.....	9,284	100.0	22.2	1.5	20.7	77.8

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.