

**53. Certification and licensing status of the employed by occupation, 2015 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	148,834	100.0	25.5	3.1	22.4	74.5
Management, professional, and related occupations	57,960	100.0	37.6	4.2	33.4	62.4
Management, business, and financial operations occupations	24,108	100.0	23.5	4.0	19.5	76.5
Management occupations	16,994	100.0	23.3	4.0	19.3	76.7
Business and financial operations occupations	7,114	100.0	23.8	4.0	19.8	76.2
Professional and related occupations	33,852	100.0	47.7	4.4	43.3	52.3
Computer and mathematical occupations	4,369	100.0	15.8	8.5	7.3	84.2
Architecture and engineering occupations	2,954	100.0	26.6	4.6	22.0	73.4
Life, physical, and social science occupations	1,404	100.0	27.2	4.2	23.0	72.8
Community and social services occupations	2,596	100.0	39.7	5.6	34.1	60.3
Legal occupations	1,803	100.0	68.1	4.4	63.6	31.9
Education, training, and library occupations	8,908	100.0	55.5	2.1	53.4	44.5
Arts, design, entertainment, sports, and media occupations	3,051	100.0	10.8	2.9	7.9	89.2
Healthcare practitioners and technical occupations	8,766	100.0	76.9	4.7	72.2	23.1
Service occupations	25,896	100.0	22.8	2.3	20.5	77.2
Healthcare support occupations	3,514	100.0	51.8	4.8	47.0	48.2
Protective service occupations	3,109	100.0	40.0	2.4	37.6	60.0
Food preparation and serving related occupations	8,142	100.0	8.2	1.2	6.9	91.8
Building and grounds cleaning and maintenance occupations	5,716	100.0	7.9	1.1	6.8	92.1
Personal care and service occupations	5,415	100.0	31.9	3.7	28.2	68.1
Sales and office occupations	33,598	100.0	13.1	1.9	11.2	86.9
Sales and related occupations	15,700	100.0	16.2	2.1	14.1	83.8
Office and administrative support occupations	17,897	100.0	10.3	1.7	8.6	89.7
Natural resources, construction, and maintenance occupations	13,733	100.0	21.3	3.7	17.5	78.7
Farming, fishing, and forestry occupations	1,073	100.0	8.0	0.5	7.4	92.0
Construction and extraction occupations	7,652	100.0	20.4	2.5	17.9	79.6
Installation, maintenance, and repair occupations	5,008	100.0	25.4	6.3	19.2	74.6
Production, transportation, and material moving occupations	17,647	100.0	16.6	2.1	14.4	83.4
Production occupations	8,522	100.0	10.9	2.4	8.5	89.1
Transportation and material moving occupations	9,125	100.0	22.0	1.9	20.0	78.0

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.