

**HOUSEHOLD DATA
ANNUAL AVERAGES**

52. Certification and licensing status of the employed by industry and class of worker, 2018 annual averages

[Numbers in thousands]

Industry and class of worker	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.....	155,761	100.0	24.1	2.3	21.8	75.9
Industry						
Agriculture and related industries.....	2,425	100.0	12.6	1.2	11.5	87.4
Nonagricultural industries.....	153,336	100.0	24.3	2.3	22.0	75.7
Mining, quarrying, and oil and gas extraction.....	784	100.0	20.5	2.9	17.6	79.5
Construction.....	11,181	100.0	20.7	2.0	18.7	79.3
Manufacturing.....	15,560	100.0	10.1	2.3	7.8	89.9
Wholesale trade.....	3,671	100.0	11.1	1.6	9.5	88.9
Retail trade.....	16,599	100.0	9.6	1.3	8.3	90.4
Transportation and utilities.....	8,551	100.0	21.0	1.9	19.0	79.0
Information.....	2,919	100.0	9.5	2.4	7.1	90.5
Financial activities.....	10,649	100.0	31.9	3.5	28.4	68.1
Professional and business services.....	18,950	100.0	21.3	3.2	18.0	78.7
Education and health services.....	35,043	100.0	46.0	2.3	43.7	54.0
Leisure and hospitality.....	14,268	100.0	9.4	1.6	7.9	90.6
Other services.....	7,742	100.0	25.9	3.1	22.8	74.1
Public administration.....	7,419	100.0	30.1	2.1	28.0	69.9
Class of worker³						
Wage and salary workers ⁴	145,958	100.0	23.9	2.3	21.6	76.1
Private industries.....	124,971	100.0	21.3	2.4	19.0	78.7
Government.....	20,987	100.0	38.8	1.8	37.0	61.2
Federal.....	3,690	100.0	23.1	2.2	20.9	76.9
State.....	7,059	100.0	37.7	2.1	35.5	62.3
Local.....	10,238	100.0	45.3	1.4	43.9	54.7
Self-employed workers, unincorporated.....	9,707	100.0	28.1	2.0	26.1	71.9

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

² Persons with a license may also have a certification.

³ Unpaid family workers are included in total employed, but not shown separately.

⁴ Includes self-employed workers whose businesses are incorporated.

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.