

**HOUSEHOLD DATA
ANNUAL AVERAGES**

52. Certification and licensing status of the employed by industry and class of worker, 2017 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.....	153,337	100.0	24.3	2.3	22.0	75.7
Industry						
Agriculture and related industries.....	2,454	100.0	11.9	0.8	11.1	88.1
Nonagricultural industries.....	150,883	100.0	24.5	2.4	22.1	75.5
Mining, quarrying, and oil and gas extraction.....	748	100.0	18.7	2.6	16.1	81.3
Construction.....	10,692	100.0	21.3	2.2	19.0	78.7
Manufacturing.....	15,408	100.0	10.2	2.2	8.1	89.8
Wholesale trade.....	3,594	100.0	11.3	1.7	9.6	88.7
Retail trade.....	16,720	100.0	9.8	1.3	8.5	90.2
Transportation and utilities.....	8,159	100.0	21.7	2.0	19.7	78.3
Information.....	2,903	100.0	10.5	2.5	8.1	89.5
Financial activities.....	10,482	100.0	32.0	3.5	28.5	68.0
Professional and business services.....	18,835	100.0	20.9	3.2	17.7	79.1
Education and health services.....	34,483	100.0	45.9	2.5	43.4	54.1
Leisure and hospitality.....	14,291	100.0	9.6	1.4	8.2	90.4
Other services.....	7,485	100.0	27.2	3.3	23.9	72.8
Public administration.....	7,083	100.0	32.6	2.4	30.2	67.4
Class of worker³						
Wage and salary workers ⁴	143,736	100.0	24.1	2.3	21.7	75.9
Private industries.....	122,844	100.0	21.4	2.4	19.0	78.6
Government.....	20,892	100.0	39.5	1.8	37.7	60.5
Federal.....	3,618	100.0	23.9	2.5	21.4	76.1
State.....	7,063	100.0	37.9	1.8	36.1	62.1
Local.....	10,211	100.0	46.1	1.5	44.5	53.9
Self-employed workers, unincorporated.....	9,526	100.0	28.0	2.4	25.6	72.0

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.