

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**51. Certification and licensing status of employed persons 16 years and over by selected characteristics, 2018  
annual averages**

Characteristic	Number of persons (in thousands)					Percent distribution				
	Total employed	With a certification or license <sup>1</sup>			Without a certification or license	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	With a certification, but no license	With a license <sup>2</sup>	
<b>Age and sex</b>										
Total, 16 years and over.....	155,761	37,556	3,546	34,010	118,205	100.0	24.1	2.3	21.8	75.9
16 to 24 years.....	19,177	1,854	183	1,671	17,323	100.0	9.7	1.0	8.7	90.3
25 to 54 years.....	100,314	26,060	2,526	23,535	74,253	100.0	26.0	2.5	23.5	74.0
25 to 34 years.....	35,324	8,192	822	7,370	27,132	100.0	23.2	2.3	20.9	76.8
35 to 44 years.....	32,616	9,019	899	8,120	23,598	100.0	27.7	2.8	24.9	72.3
45 to 54 years.....	32,373	8,849	804	8,045	23,524	100.0	27.3	2.5	24.8	72.7
55 years and over.....	36,270	9,642	837	8,805	26,628	100.0	26.6	2.3	24.3	73.4
55 to 64 years.....	26,565	6,976	642	6,334	19,588	100.0	26.3	2.4	23.8	73.7
65 years and over.....	9,705	2,666	195	2,471	7,040	100.0	27.5	2.0	25.5	72.5
Men, 16 years and over.....	82,698	17,737	2,102	15,635	64,961	100.0	21.4	2.5	18.9	78.6
16 to 24 years.....	9,677	744	96	648	8,934	100.0	7.7	1.0	6.7	92.3
25 to 54 years.....	53,673	12,019	1,533	10,486	41,654	100.0	22.4	2.9	19.5	77.6
25 to 34 years.....	19,027	3,550	508	3,042	15,477	100.0	18.7	2.7	16.0	81.3
35 to 44 years.....	17,608	4,215	551	3,663	13,394	100.0	23.9	3.1	20.8	76.1
45 to 54 years.....	17,038	4,255	473	3,781	12,784	100.0	25.0	2.8	22.2	75.0
55 years and over.....	19,348	4,975	474	4,501	14,373	100.0	25.7	2.4	23.3	74.3
55 to 64 years.....	14,001	3,496	367	3,129	10,505	100.0	25.0	2.6	22.4	75.0
65 years and over.....	5,348	1,479	107	1,372	3,869	100.0	27.7	2.0	25.7	72.3
Women, 16 years and over.....	73,063	19,819	1,443	18,376	53,244	100.0	27.1	2.0	25.2	72.9
16 to 24 years.....	9,500	1,110	87	1,023	8,390	100.0	11.7	0.9	10.8	88.3
25 to 54 years.....	46,641	14,042	993	13,049	32,599	100.0	30.1	2.1	28.0	69.9
25 to 34 years.....	16,298	4,643	314	4,328	11,655	100.0	28.5	1.9	26.6	71.5
35 to 44 years.....	15,008	4,804	348	4,457	10,204	100.0	32.0	2.3	29.7	68.0
45 to 54 years.....	15,335	4,595	331	4,264	10,740	100.0	30.0	2.2	27.8	70.0
55 years and over.....	16,922	4,667	363	4,304	12,255	100.0	27.6	2.1	25.4	72.4
55 to 64 years.....	12,564	3,480	275	3,205	9,084	100.0	27.7	2.2	25.5	72.3
65 years and over.....	4,358	1,187	88	1,099	3,171	100.0	27.2	2.0	25.2	72.8
<b>Race and Hispanic or Latino ethnicity</b>										
White, 16 years and over.....	121,461	30,279	2,784	27,495	91,182	100.0	24.9	2.3	22.6	75.1
Men.....	65,702	14,697	1,681	13,016	51,005	100.0	22.4	2.6	19.8	77.6
Women.....	55,759	15,582	1,103	14,479	40,177	100.0	27.9	2.0	26.0	72.1
Black or African American, 16 years and over.....	19,091	4,155	405	3,750	14,936	100.0	21.8	2.1	19.6	78.2
Men.....	9,018	1,637	212	1,425	7,381	100.0	18.1	2.4	15.8	81.9
Women.....	10,073	2,519	193	2,326	7,555	100.0	25.0	1.9	23.1	75.0
Asian, 16 years and over.....	9,832	2,059	237	1,822	7,773	100.0	20.9	2.4	18.5	79.1
Men.....	5,188	914	146	768	4,274	100.0	17.6	2.8	14.8	82.4
Women.....	4,644	1,145	91	1,054	3,499	100.0	24.7	2.0	22.7	75.3
Hispanic or Latino ethnicity, 16 years and over.....	27,012	4,017	422	3,594	22,995	100.0	14.9	1.6	13.3	85.1
Men.....	15,418	2,035	260	1,775	13,383	100.0	13.2	1.7	11.5	86.8
Women.....	11,594	1,982	163	1,819	9,612	100.0	17.1	1.4	15.7	82.9
<b>Educational attainment</b>										
Total, 25 years and over.....	136,584	35,703	3,363	32,340	100,882	100.0	26.1	2.5	23.7	73.9
Less than a high school diploma.....	9,701	790	79	711	8,911	100.0	8.1	0.8	7.3	91.9
High school graduates, no college <sup>3</sup> .....	34,550	5,149	507	4,642	29,400	100.0	14.9	1.5	13.4	85.1
Some college or associate degree.....	36,338	9,535	953	8,582	26,802	100.0	26.2	2.6	23.6	73.8
Some college, no degree.....	21,128	4,454	491	3,963	16,674	100.0	21.1	2.3	18.8	78.9

See footnotes at end of table.

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Associate degree.....	15,209	5,081	463	4,619	10,128	100.0	33.4	3.0	30.4	66.6
Bachelor's degree and higher.....	55,995	20,228	1,823	18,405	35,768	100.0	36.1	3.3	32.9	63.9
Bachelor's degree only.....	35,026	9,977	1,092	8,885	25,048	100.0	28.5	3.1	25.4	71.5
Advanced degree <sup>4</sup> .....	20,970	10,250	731	9,520	10,719	100.0	48.9	3.5	45.4	51.1
Men, 25 years and over.....	73,021	16,994	2,007	14,987	56,028	100.0	23.3	2.7	20.5	76.7
Less than a high school diploma.....	6,201	519	62	457	5,681	100.0	8.4	1.0	7.4	91.6
High school graduates, no college <sup>3</sup> .....	20,294	3,197	357	2,841	17,097	100.0	15.8	1.8	14.0	84.2
Some college or associate degree.....	18,460	4,534	573	3,961	13,926	100.0	24.6	3.1	21.5	75.4
Some college, no degree.....	11,279	2,380	303	2,077	8,899	100.0	21.1	2.7	18.4	78.9
Associate degree.....	7,182	2,154	270	1,884	5,027	100.0	30.0	3.8	26.2	70.0
Bachelor's degree and higher.....	28,066	8,743	1,015	7,728	19,323	100.0	31.2	3.6	27.5	68.8
Bachelor's degree only.....	17,803	4,322	621	3,701	13,481	100.0	24.3	3.5	20.8	75.7
Advanced degree <sup>4</sup> .....	10,263	4,421	394	4,027	5,842	100.0	43.1	3.8	39.2	56.9
Women, 25 years and over.....	63,563	18,709	1,356	17,352	44,854	100.0	29.4	2.1	27.3	70.6
Less than a high school diploma.....	3,501	271	17	254	3,230	100.0	7.7	0.5	7.3	92.3
High school graduates, no college <sup>3</sup> .....	14,256	1,952	151	1,801	12,303	100.0	13.7	1.1	12.6	86.3
Some college or associate degree.....	17,877	5,001	380	4,621	12,876	100.0	28.0	2.1	25.8	72.0
Some college, no degree.....	9,850	2,074	188	1,886	7,775	100.0	21.1	1.9	19.1	78.9
Associate degree.....	8,028	2,927	192	2,734	5,101	100.0	36.5	2.4	34.1	63.5
Bachelor's degree and higher.....	27,929	11,485	808	10,676	16,445	100.0	41.1	2.9	38.2	58.9
Bachelor's degree only.....	17,223	5,656	471	5,184	11,567	100.0	32.8	2.7	30.1	67.2
Advanced degree <sup>4</sup> .....	10,706	5,829	337	5,492	4,877	100.0	54.4	3.1	51.3	45.6

<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.

<sup>3</sup> Includes persons with a high school diploma or equivalent.

<sup>4</sup> Includes persons with master's, professional, and doctoral degrees.

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. Estimates for the above race groups (White, Black or African American, and Asian) do not sum to totals because data are not presented for all races. Persons whose ethnicity is identified as Hispanic or Latino may be of any race. Updated population controls are introduced annually with the release of January data.