

**HOUSEHOLD DATA
ANNUAL AVERAGES**

50. Employment status of the civilian noninstitutional population by certification and licensing status and selected characteristics, 2018 annual averages
[Numbers in thousands]

Characteristic	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Participation rate	Employed		Unemployed		
				Total	Percent of population	Total	Rate	
Age								
Total, 16 years and over.....	257,791	162,075	62.9	155,761	60.4	6,314	3.9	95,716
With a certification or license ¹	43,691	38,321	87.7	37,556	86.0	765	2.0	5,370
With a certification, but no license.....	4,197	3,658	87.2	3,546	84.5	112	3.1	539
With a license ²	39,495	34,664	87.8	34,010	86.1	654	1.9	4,831
Without a certification or license.....	214,099	123,753	57.8	118,205	55.2	5,549	4.5	90,346
16 to 24 years.....	38,004	20,984	55.2	19,177	50.5	1,807	8.6	17,020
With a certification or license ¹	2,252	1,938	86.1	1,854	82.3	85	4.4	313
With a certification, but no license.....	243	191	78.7	183	75.2	8	4.4	52
With a license ²	2,008	1,747	87.0	1,671	83.2	76	4.4	261
Without a certification or license.....	35,752	19,046	53.3	17,323	48.5	1,723	9.0	16,706
25 to 54 years.....	126,390	103,705	82.1	100,314	79.4	3,391	3.3	22,685
With a certification or license ¹	28,244	26,543	94.0	26,060	92.3	483	1.8	1,701
With a certification, but no license.....	2,784	2,598	93.3	2,526	90.7	72	2.8	186
With a license ²	25,460	23,945	94.1	23,535	92.4	410	1.7	1,515
Without a certification or license.....	98,146	77,161	78.6	74,253	75.7	2,908	3.8	20,985
55 years and over.....	93,397	37,386	40.0	36,270	38.8	1,116	3.0	56,010
With a certification or license ¹	13,196	9,840	74.6	9,642	73.1	198	2.0	3,356
With a certification, but no license.....	1,169	868	74.3	837	71.6	31	3.6	301
With a license ²	12,027	8,972	74.6	8,805	73.2	167	1.9	3,055
Without a certification or license.....	80,201	27,546	34.3	26,628	33.2	918	3.3	52,654
Sex								
Men, 16 years and over.....	124,678	86,096	69.1	82,698	66.3	3,398	3.9	38,582
With a certification or license ¹	20,094	18,102	90.1	17,737	88.3	365	2.0	1,992
With a certification, but no license.....	2,411	2,166	89.9	2,102	87.2	64	2.9	244
With a license ²	17,683	15,936	90.1	15,635	88.4	301	1.9	1,747
Without a certification or license.....	104,584	67,994	65.0	64,961	62.1	3,033	4.5	36,590
Women, 16 years and over.....	133,112	75,978	57.1	73,063	54.9	2,916	3.8	57,134
With a certification or license ¹	23,597	20,219	85.7	19,819	84.0	400	2.0	3,378
With a certification, but no license.....	1,786	1,491	83.5	1,443	80.8	48	3.2	294
With a license ²	21,812	18,728	85.9	18,376	84.2	352	1.9	3,084
Without a certification or license.....	109,515	55,759	50.9	53,244	48.6	2,516	4.5	53,756

See footnotes at end of table.

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50. Employment status of the civilian noninstitutional population by certification and licensing status and selected characteristics, 2018 annual averages — Continued
[Numbers in thousands]

Characteristic	Civilian noninstitutional population	Civilian labor force						Not in labor force
		Total	Participation rate	Employed		Unemployed		
				Total	Percent of population	Total	Rate	
Race and Hispanic or Latino ethnicity								
White, 16 years and over.....	200,221	125,815	62.8	121,461	60.7	4,354	3.5	74,407
With a certification or license ¹	35,190	30,829	87.6	30,279	86.0	550	1.8	4,361
With a certification, but no license.....	3,278	2,862	87.3	2,784	84.9	77	2.7	416
With a license ²	31,912	27,967	87.6	27,495	86.2	472	1.7	3,944
Without a certification or license.....	165,032	94,986	57.6	91,182	55.3	3,804	4.0	70,046
Black or African American, 16 years and over.....	32,761	20,414	62.3	19,091	58.3	1,322	6.5	12,347
With a certification or license ¹	4,919	4,299	87.4	4,155	84.5	144	3.3	620
With a certification, but no license.....	500	425	85.1	405	81.0	20	4.7	75
With a license ²	4,419	3,874	87.7	3,750	84.9	124	3.2	545
Without a certification or license.....	27,841	16,115	57.9	14,936	53.6	1,179	7.3	11,727
Asian, 16 years and over.....	15,961	10,137	63.5	9,832	61.6	304	3.0	5,825
With a certification or license ¹	2,334	2,089	89.5	2,059	88.2	30	1.5	244
With a certification, but no license.....	272	240	88.4	237	87.2	3	1.4	31
With a license ²	2,062	1,849	89.7	1,822	88.4	27	1.5	213
Without a certification or license.....	13,628	8,047	59.1	7,773	57.0	274	3.4	5,580
Hispanic or Latino ethnicity, 16 years and over.....	42,734	28,336	66.3	27,012	63.2	1,323	4.7	14,398
With a certification or license ¹	4,627	4,120	89.0	4,017	86.8	103	2.5	508
With a certification, but no license.....	509	439	86.2	422	83.0	16	3.7	70
With a license ²	4,118	3,681	89.4	3,594	87.3	87	2.4	437
Without a certification or license.....	38,106	24,216	63.5	22,995	60.3	1,221	5.0	13,890

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		Total	Participation rate	Employed		Unemployed		
				Total	Percent of population	Total	Rate	
Educational attainment								
Total, 25 years and over.....	219,787	141,091	64.2	136,584	62.1	4,507	3.2	78,696
With a certification or license ¹	41,440	36,383	87.8	35,703	86.2	681	1.9	5,057
With a certification, but no license.....	3,953	3,466	87.7	3,363	85.1	103	3.0	487
With a license ²	37,487	32,917	87.8	32,340	86.3	577	1.8	4,570
Without a certification or license.....	178,347	104,708	58.7	100,882	56.6	3,826	3.7	73,639
Less than a high school diploma.....	22,250	10,278	46.2	9,701	43.6	576	5.6	11,973
With a certification or license ¹	965	818	84.8	790	81.9	28	3.4	147
With a certification, but no license.....	107	83	77.5	79	74.2	4	4.3	24
With a license ²	858	736	85.7	711	82.9	24	3.3	123
Without a certification or license.....	21,286	9,459	44.4	8,911	41.9	548	5.8	11,826
High school graduates, no college ³	62,592	36,010	57.5	34,550	55.2	1,461	4.1	26,581
With a certification or license ¹	5,996	5,298	88.4	5,149	85.9	148	2.8	698
With a certification, but no license.....	605	526	87.0	507	83.9	19	3.6	79
With a license ²	5,391	4,771	88.5	4,642	86.1	129	2.7	620
Without a certification or license.....	56,596	30,713	54.3	29,400	51.9	1,312	4.3	25,883
Some college or associate degree.....	57,405	37,585	65.5	36,338	63.3	1,248	3.3	19,819
With a certification or license ¹	11,143	9,752	87.5	9,535	85.6	217	2.2	1,391
With a certification, but no license.....	1,153	992	86.1	953	82.7	39	3.9	161
With a license ²	9,991	8,760	87.7	8,582	85.9	178	2.0	1,231
Without a certification or license.....	46,261	27,834	60.2	26,802	57.9	1,031	3.7	18,428
Some college, no degree.....	34,880	21,937	62.9	21,128	60.6	808	3.7	12,943
With a certification or license ¹	5,270	4,567	86.7	4,454	84.5	113	2.5	703
With a certification, but no license.....	608	515	84.7	491	80.8	24	4.6	93
With a license ²	4,662	4,053	86.9	3,963	85.0	89	2.2	610
Without a certification or license.....	29,610	17,369	58.7	16,674	56.3	695	4.0	12,241
Associate degree.....	22,525	15,649	69.5	15,209	67.5	440	2.8	6,876
With a certification or license ¹	5,873	5,185	88.3	5,081	86.5	103	2.0	689
With a certification, but no license.....	545	478	87.6	463	84.8	15	3.1	68
With a license ²	5,328	4,707	88.3	4,619	86.7	88	1.9	621
Without a certification or license.....	16,651	10,464	62.8	10,128	60.8	336	3.2	6,187
Bachelor's degree and higher.....	77,540	57,217	73.8	55,995	72.2	1,222	2.1	20,322
With a certification or license ¹	23,336	20,516	87.9	20,228	86.7	288	1.4	2,820
With a certification, but no license.....	2,089	1,865	89.3	1,823	87.3	42	2.3	224
With a license ²	21,247	18,650	87.8	18,405	86.6	246	1.3	2,596
Without a certification or license.....	54,204	36,702	67.7	35,768	66.0	934	2.5	17,502
Bachelor's degree only.....	48,798	35,824	73.4	35,026	71.8	799	2.2	12,973
With a certification or license ¹	11,436	10,125	88.5	9,977	87.2	148	1.5	1,311
With a certification, but no license.....	1,249	1,120	89.7	1,092	87.5	28	2.5	129
With a license ²	10,187	9,005	88.4	8,885	87.2	120	1.3	1,182
Without a certification or license.....	37,361	25,699	68.8	25,048	67.0	651	2.5	11,662
Advanced degree ⁴	28,742	21,393	74.4	20,970	73.0	423	2.0	7,349
With a certification or license ¹	11,900	10,390	87.3	10,250	86.1	140	1.3	1,509
With a certification, but no license.....	840	745	88.7	731	87.0	14	1.9	95
With a license ²	11,059	9,645	87.2	9,520	86.1	126	1.3	1,414
Without a certification or license.....	16,843	11,003	65.3	10,719	63.6	283	2.6	5,840

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

² Persons with a license may also have a certification.

³ Includes persons with a high school diploma or equivalent.

⁴ 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.