

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**50. Employment status of the civilian noninstitutional population by certification and licensing status and selected characteristics, 2019 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	
<b>Age</b>								
Total, 16 years and over.....	259,175	163,539	63.1	157,538	60.8	6,001	3.7	95,636
With a certification or license <sup>1</sup> .....	44,018	38,791	88.1	38,081	86.5	709	1.8	5,227
With a certification, but no license.....	4,141	3,630	87.7	3,536	85.4	94	2.6	511
With a license <sup>2</sup> .....	39,877	35,161	88.2	34,546	86.6	615	1.7	4,716
Without a certification or license.....	215,157	124,748	58.0	119,457	55.5	5,291	4.2	90,409
16 to 24 years.....	37,748	21,092	55.9	19,322	51.2	1,770	8.4	16,656
With a certification or license <sup>1</sup> .....	2,265	1,996	88.1	1,915	84.6	81	4.0	269
With a certification, but no license.....	240	212	88.0	203	84.3	9	4.3	29
With a license <sup>2</sup> .....	2,025	1,785	88.1	1,713	84.6	72	4.0	240
Without a certification or license.....	35,483	19,096	53.8	17,407	49.1	1,689	8.8	16,387
25 to 54 years.....	126,281	104,180	82.5	100,976	80.0	3,204	3.1	22,102
With a certification or license <sup>1</sup> .....	28,354	26,732	94.3	26,300	92.8	432	1.6	1,622
With a certification, but no license.....	2,803	2,628	93.7	2,573	91.8	54	2.1	176
With a license <sup>2</sup> .....	25,551	24,105	94.3	23,727	92.9	378	1.6	1,446
Without a certification or license.....	97,927	77,447	79.1	74,676	76.3	2,771	3.6	20,480
55 years and over.....	95,146	38,267	40.2	37,240	39.1	1,027	2.7	56,879
With a certification or license <sup>1</sup> .....	13,399	10,062	75.1	9,866	73.6	196	2.0	3,336
With a certification, but no license.....	1,097	791	72.1	760	69.3	31	3.9	306
With a license <sup>2</sup> .....	12,301	9,271	75.4	9,106	74.0	165	1.8	3,030
Without a certification or license.....	81,747	28,205	34.5	27,374	33.5	831	2.9	53,543
<b>Sex</b>								
Men, 16 years and over.....	125,353	86,687	69.2	83,460	66.6	3,227	3.7	38,667
With a certification or license <sup>1</sup> .....	20,127	18,151	90.2	17,808	88.5	342	1.9	1,976
With a certification, but no license.....	2,305	2,069	89.8	2,013	87.3	56	2.7	236
With a license <sup>2</sup> .....	17,822	16,082	90.2	15,795	88.6	287	1.8	1,740
Without a certification or license.....	105,226	68,536	65.1	65,652	62.4	2,884	4.2	36,690
Women, 16 years and over.....	133,822	76,852	57.4	74,078	55.4	2,774	3.6	56,970
With a certification or license <sup>1</sup> .....	23,891	20,640	86.4	20,273	84.9	367	1.8	3,251
With a certification, but no license.....	1,836	1,561	85.0	1,523	82.9	38	2.5	275
With a license <sup>2</sup> .....	22,055	19,079	86.5	18,750	85.0	329	1.7	2,976
Without a certification or license.....	109,931	56,211	51.1	53,804	48.9	2,407	4.3	53,719

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, 2019 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	
<b>Race and Hispanic or Latino ethnicity</b>								
White, 16 years and over.....	200,827	126,600	63.0	122,441	61.0	4,159	3.3	74,227
With a certification or license <sup>1</sup> .....	35,417	31,118	87.9	30,590	86.4	528	1.7	4,299
With a certification, but no license.....	3,197	2,792	87.3	2,734	85.5	59	2.1	405
With a license <sup>2</sup> .....	32,220	28,326	87.9	27,856	86.5	470	1.7	3,894
Without a certification or license.....	165,410	95,482	57.7	91,851	55.5	3,631	3.8	69,929
Black or African American, 16 years and over.....	33,036	20,632	62.5	19,381	58.7	1,251	6.1	12,404
With a certification or license <sup>1</sup> .....	4,889	4,335	88.7	4,216	86.2	119	2.7	554
With a certification, but no license.....	511	452	88.5	430	84.1	22	4.9	59
With a license <sup>2</sup> .....	4,378	3,882	88.7	3,786	86.5	97	2.5	495
Without a certification or license.....	28,148	16,298	57.9	15,165	53.9	1,133	6.9	11,850
Asian, 16 years and over.....	16,351	10,460	64.0	10,179	62.3	280	2.7	5,891
With a certification or license <sup>1</sup> .....	2,365	2,142	90.6	2,111	89.3	31	1.5	223
With a certification, but no license.....	286	253	88.5	248	86.8	5	2.0	33
With a license <sup>2</sup> .....	2,079	1,889	90.9	1,862	89.6	26	1.4	190
Without a certification or license.....	13,986	8,318	59.5	8,069	57.7	249	3.0	5,669
Hispanic or Latino ethnicity, 16 years and over.....	43,507	29,053	66.8	27,805	63.9	1,248	4.3	14,454
With a certification or license <sup>1</sup> .....	4,820	4,334	89.9	4,239	87.9	95	2.2	485
With a certification, but no license.....	481	421	87.5	410	85.2	11	2.6	60
With a license <sup>2</sup> .....	4,339	3,914	90.2	3,829	88.3	85	2.2	425
Without a certification or license.....	38,687	24,719	63.9	23,566	60.9	1,153	4.7	13,968

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, 2019 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	
<b>Educational attainment</b>								
Total, 25 years and over.....	221,427	142,446	64.3	138,216	62.4	4,230	3.0	78,981
With a certification or license <sup>1</sup> .....	41,753	36,795	88.1	36,166	86.6	629	1.7	4,958
With a certification, but no license.....	3,900	3,418	87.6	3,333	85.5	85	2.5	482
With a license <sup>2</sup> .....	37,853	33,376	88.2	32,833	86.7	543	1.6	4,476
Without a certification or license.....	179,674	105,652	58.8	102,050	56.8	3,602	3.4	74,022
Less than a high school diploma.....	21,627	9,976	46.1	9,441	43.7	535	5.4	11,651
With a certification or license <sup>1</sup> .....	926	803	86.7	783	84.5	20	2.4	124
With a certification, but no license.....	108	90	83.4	88	81.4	2	2.4	18
With a license <sup>2</sup> .....	818	713	87.1	695	85.0	17	2.4	106
Without a certification or license.....	20,700	9,173	44.3	8,658	41.8	515	5.6	11,528
High school graduates, no college <sup>3</sup> .....	62,460	36,162	57.9	34,837	55.8	1,324	3.7	26,298
With a certification or license <sup>1</sup> .....	5,892	5,220	88.6	5,107	86.7	113	2.2	672
With a certification, but no license.....	592	511	86.3	497	84.1	13	2.6	81
With a license <sup>2</sup> .....	5,301	4,709	88.8	4,609	87.0	100	2.1	591
Without a certification or license.....	56,567	30,942	54.7	29,731	52.6	1,211	3.9	25,626
Some college or associate degree.....	57,513	37,420	65.1	36,282	63.1	1,138	3.0	20,093
With a certification or license <sup>1</sup> .....	11,241	9,804	87.2	9,593	85.3	211	2.1	1,438
With a certification, but no license.....	1,135	964	85.0	935	82.4	29	3.0	171
With a license <sup>2</sup> .....	10,107	8,839	87.5	8,658	85.7	182	2.1	1,267
Without a certification or license.....	46,272	27,617	59.7	26,689	57.7	927	3.4	18,655
Some college, no degree.....	34,711	21,592	62.2	20,882	60.2	709	3.3	13,120
With a certification or license <sup>1</sup> .....	5,345	4,622	86.5	4,512	84.4	110	2.4	723
With a certification, but no license.....	601	504	83.7	488	81.1	16	3.1	98
With a license <sup>2</sup> .....	4,743	4,118	86.8	4,024	84.8	94	2.3	625
Without a certification or license.....	29,367	16,970	57.8	16,370	55.7	600	3.5	12,397
Associate degree.....	22,802	15,829	69.4	15,400	67.5	429	2.7	6,973
With a certification or license <sup>1</sup> .....	5,896	5,182	87.9	5,081	86.2	101	2.0	715
With a certification, but no license.....	533	460	86.3	447	83.8	13	2.9	73
With a license <sup>2</sup> .....	5,363	4,721	88.0	4,634	86.4	88	1.9	642
Without a certification or license.....	16,905	10,647	63.0	10,320	61.0	327	3.1	6,258
Bachelor's degree and higher.....	79,827	58,889	73.8	57,655	72.2	1,234	2.1	20,938
With a certification or license <sup>1</sup> .....	23,693	20,968	88.5	20,683	87.3	285	1.4	2,725
With a certification, but no license.....	2,066	1,853	89.7	1,813	87.7	41	2.2	213
With a license <sup>2</sup> .....	21,627	19,115	88.4	18,871	87.3	244	1.3	2,512
Without a certification or license.....	56,134	37,921	67.6	36,972	65.9	949	2.5	18,214
Bachelor's degree only.....	50,049	36,672	73.3	35,850	71.6	822	2.2	13,378
With a certification or license <sup>1</sup> .....	11,509	10,231	88.9	10,076	87.5	155	1.5	1,279
With a certification, but no license.....	1,217	1,105	90.8	1,080	88.8	24	2.2	112
With a license <sup>2</sup> .....	10,292	9,126	88.7	8,995	87.4	130	1.4	1,166
Without a certification or license.....	38,540	26,441	68.6	25,774	66.9	667	2.5	12,099
Advanced degree <sup>4</sup> .....	29,778	22,217	74.6	21,805	73.2	412	1.9	7,560
With a certification or license <sup>1</sup> .....	12,184	10,737	88.1	10,607	87.1	130	1.2	1,446
With a certification, but no license.....	849	748	88.2	732	86.3	16	2.1	100
With a license <sup>2</sup> .....	11,335	9,989	88.1	9,875	87.1	114	1.1	1,346
Without a certification or license.....	17,594	11,480	65.2	11,198	63.6	282	2.5	6,114

<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.