

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**50. Employment status of the civilian noninstitutional population by certification and licensing status and selected characteristics, 2023 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.....	266,942	167,116	62.6	161,037	60.3	6,080	3.6	99,826
With a certification or license <sup>1</sup> .....	45,138	39,515	87.5	38,793	85.9	722	1.8	5,623
With a certification, but no license.....	4,671	4,114	88.1	4,018	86.0	96	2.3	557
With a license <sup>2</sup> .....	40,468	35,401	87.5	34,775	85.9	627	1.8	5,067
Without a certification or license.....	221,804	127,601	57.5	122,244	55.1	5,357	4.2	94,202
16 to 24 years.....	39,339	22,129	56.3	20,372	51.8	1,757	7.9	17,210
With a certification or license <sup>1</sup> .....	2,410	2,112	87.6	2,029	84.2	83	3.9	298
With a certification, but no license.....	263	231	87.9	219	83.3	12	5.2	32
With a license <sup>2</sup> .....	2,147	1,881	87.6	1,810	84.3	71	3.8	266
Without a certification or license.....	36,929	20,017	54.2	18,343	49.7	1,674	8.4	16,912
25 to 54 years.....	127,941	106,541	83.3	103,223	80.7	3,318	3.1	21,400
With a certification or license <sup>1</sup> .....	29,134	27,403	94.1	26,945	92.5	458	1.7	1,730
With a certification, but no license.....	3,155	2,953	93.6	2,893	91.7	60	2.0	203
With a license <sup>2</sup> .....	25,978	24,451	94.1	24,052	92.6	398	1.6	1,528
Without a certification or license.....	98,807	79,138	80.1	76,278	77.2	2,860	3.6	19,669
55 years and over.....	99,662	38,447	38.6	37,441	37.6	1,005	2.6	61,215
With a certification or license <sup>1</sup> .....	13,595	10,000	73.6	9,818	72.2	182	1.8	3,595
With a certification, but no license.....	1,253	930	74.3	906	72.3	24	2.6	322
With a license <sup>2</sup> .....	12,342	9,070	73.5	8,912	72.2	158	1.7	3,272
Without a certification or license.....	86,068	28,447	33.1	27,623	32.1	824	2.9	57,621
<b>Sex</b>								
Men, 16 years and over.....	130,476	88,877	68.1	85,500	65.5	3,377	3.8	41,599
With a certification or license <sup>1</sup> .....	20,500	18,375	89.6	18,029	87.9	346	1.9	2,126
With a certification, but no license.....	2,619	2,359	90.1	2,301	87.8	58	2.5	260
With a license <sup>2</sup> .....	17,881	16,016	89.6	15,728	88.0	288	1.8	1,865
Without a certification or license.....	109,976	70,503	64.1	67,471	61.4	3,031	4.3	39,473
Women, 16 years and over.....	136,466	78,239	57.3	75,537	55.4	2,702	3.5	58,227
With a certification or license <sup>1</sup> .....	24,638	21,141	85.8	20,764	84.3	376	1.8	3,498
With a certification, but no license.....	2,051	1,755	85.6	1,718	83.7	38	2.1	296
With a license <sup>2</sup> .....	22,587	19,385	85.8	19,047	84.3	339	1.7	3,201
Without a certification or license.....	111,828	57,099	51.1	54,772	49.0	2,326	4.1	54,729

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, 2023 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.....	204,515	127,327	62.3	123,165	60.2	4,162	3.3	77,188
With a certification or license <sup>1</sup> .....	35,384	30,893	87.3	30,375	85.8	518	1.7	4,491
With a certification, but no license.....	3,582	3,164	88.3	3,103	86.6	62	1.9	418
With a license <sup>2</sup> .....	31,802	27,729	87.2	27,272	85.8	457	1.6	4,073
Without a certification or license.....	169,131	96,434	57.0	92,791	54.9	3,644	3.8	72,697
Black or African American, 16 years and over.....	34,667	21,886	63.1	20,674	59.6	1,212	5.5	12,781
With a certification or license <sup>1</sup> .....	5,605	4,937	88.1	4,800	85.6	137	2.8	668
With a certification, but no license.....	573	497	86.8	473	82.6	24	4.9	76
With a license <sup>2</sup> .....	5,032	4,440	88.2	4,327	86.0	113	2.5	592
Without a certification or license.....	29,062	16,949	58.3	15,875	54.6	1,074	6.3	12,113
Asian, 16 years and over.....	17,591	11,439	65.0	11,096	63.1	344	3.0	6,152
With a certification or license <sup>1</sup> .....	2,663	2,405	90.3	2,372	89.1	33	1.4	258
With a certification, but no license.....	368	330	89.6	323	87.6	8	2.3	38
With a license <sup>2</sup> .....	2,294	2,075	90.4	2,049	89.3	26	1.2	220
Without a certification or license.....	14,928	9,034	60.5	8,724	58.4	310	3.4	5,894
Hispanic or Latino ethnicity, 16 years and over.....	47,532	31,818	66.9	30,343	63.8	1,475	4.6	15,714
With a certification or license <sup>1</sup> .....	5,253	4,687	89.2	4,578	87.1	110	2.3	566
With a certification, but no license.....	585	511	87.4	499	85.3	12	2.4	73
With a license <sup>2</sup> .....	4,669	4,176	89.5	4,079	87.4	97	2.3	493
Without a certification or license.....	42,279	27,131	64.2	25,765	60.9	1,365	5.0	15,148

See footnotes at end of table.

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[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.....	227,603	144,988	63.7	140,664	61.8	4,323	3.0	82,615
With a certification or license <sup>1</sup> .....	42,728	37,403	87.5	36,764	86.0	640	1.7	5,325
With a certification, but no license.....	4,408	3,883	88.1	3,799	86.2	84	2.2	525
With a license <sup>2</sup> .....	38,320	33,520	87.5	32,964	86.0	556	1.7	4,800
Without a certification or license.....	184,875	107,584	58.2	103,901	56.2	3,684	3.4	77,290
Less than a high school diploma.....	19,480	9,180	47.1	8,669	44.5	511	5.6	10,300
With a certification or license <sup>1</sup> .....	824	675	81.9	655	79.4	20	3.0	150
With a certification, but no license.....	96	75	77.9	71	74.1	4	4.8	21
With a license <sup>2</sup> .....	729	600	82.4	584	80.1	16	2.7	128
Without a certification or license.....	18,656	8,506	45.6	8,014	43.0	491	5.8	10,151
High school graduates, no college <sup>3</sup> .....	63,419	35,928	56.7	34,529	54.4	1,399	3.9	27,491
With a certification or license <sup>1</sup> .....	5,790	5,051	87.2	4,929	85.1	122	2.4	739
With a certification, but no license.....	579	501	86.5	491	84.8	10	1.9	78
With a license <sup>2</sup> .....	5,211	4,550	87.3	4,437	85.2	113	2.5	660
Without a certification or license.....	57,629	30,877	53.6	29,600	51.4	1,277	4.1	26,752
Some college or associate degree.....	56,926	35,803	62.9	34,714	61.0	1,089	3.0	21,123
With a certification or license <sup>1</sup> .....	10,908	9,421	86.4	9,218	84.5	203	2.2	1,487
With a certification, but no license.....	1,276	1,100	86.2	1,069	83.8	31	2.8	176
With a license <sup>2</sup> .....	9,632	8,321	86.4	8,149	84.6	172	2.1	1,311
Without a certification or license.....	46,018	26,381	57.3	25,496	55.4	886	3.4	19,637
Some college, no degree.....	32,847	19,911	60.6	19,256	58.6	655	3.3	12,936
With a certification or license <sup>1</sup> .....	4,938	4,248	86.0	4,149	84.0	98	2.3	690
With a certification, but no license.....	677	575	84.9	555	82.0	19	3.4	102
With a license <sup>2</sup> .....	4,262	3,673	86.2	3,594	84.3	79	2.2	588
Without a certification or license.....	27,909	15,663	56.1	15,107	54.1	556	3.6	12,245
Associate degree.....	24,079	15,891	66.0	15,457	64.2	434	2.7	8,187
With a certification or license <sup>1</sup> .....	5,970	5,173	86.7	5,069	84.9	105	2.0	796
With a certification, but no license.....	599	526	87.7	514	85.8	12	2.2	74
With a license <sup>2</sup> .....	5,370	4,648	86.5	4,555	84.8	93	2.0	723
Without a certification or license.....	18,109	10,718	59.2	10,389	57.4	329	3.1	7,391
Bachelor's degree and higher.....	87,778	64,077	73.0	62,752	71.5	1,324	2.1	23,701
With a certification or license <sup>1</sup> .....	25,206	22,256	88.3	21,962	87.1	294	1.3	2,950
With a certification, but no license.....	2,457	2,207	89.8	2,168	88.2	40	1.8	250
With a license <sup>2</sup> .....	22,749	20,049	88.1	19,794	87.0	255	1.3	2,700
Without a certification or license.....	62,572	41,821	66.8	40,790	65.2	1,030	2.5	20,751
Bachelor's degree only.....	54,106	39,357	72.7	38,489	71.1	868	2.2	14,749
With a certification or license <sup>1</sup> .....	11,954	10,654	89.1	10,491	87.8	162	1.5	1,301
With a certification, but no license.....	1,410	1,283	91.0	1,262	89.5	21	1.6	127
With a license <sup>2</sup> .....	10,544	9,371	88.9	9,229	87.5	141	1.5	1,174
Without a certification or license.....	42,151	28,703	68.1	27,998	66.4	706	2.5	13,448
Advanced degree <sup>4</sup> .....	33,672	24,720	73.4	24,263	72.1	456	1.8	8,953
With a certification or license <sup>1</sup> .....	13,252	11,602	87.6	11,471	86.6	132	1.1	1,650
With a certification, but no license.....	1,047	924	88.3	906	86.5	19	2.0	123
With a license <sup>2</sup> .....	12,205	10,678	87.5	10,565	86.6	113	1.1	1,527
Without a certification or license.....	20,420	13,117	64.2	12,793	62.6	324	2.5	7,303

<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.