

**HOUSEHOLD DATA
ANNUAL AVERAGES**

50. Employment status of the civilian noninstitutional population by certification and licensing status and selected characteristics, 2022 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.....	263,973	164,287	62.2	158,291	60.0	5,996	3.6	99,686
With a certification or license ¹	44,443	38,811	87.3	38,061	85.6	750	1.9	5,631
With a certification, but no license.....	4,314	3,786	87.7	3,698	85.7	88	2.3	529
With a license ²	40,128	35,026	87.3	34,363	85.6	662	1.9	5,103
Without a certification or license.....	219,531	125,476	57.2	120,230	54.8	5,246	4.2	94,055
16 to 24 years.....	37,957	21,093	55.6	19,378	51.1	1,715	8.1	16,864
With a certification or license ¹	2,195	1,932	88.0	1,857	84.6	75	3.9	264
With a certification, but no license.....	246	218	88.5	206	83.6	12	5.5	28
With a license ²	1,949	1,714	87.9	1,651	84.7	63	3.7	235
Without a certification or license.....	35,762	19,161	53.6	17,521	49.0	1,640	8.6	16,601
25 to 54 years.....	127,162	104,837	82.4	101,578	79.9	3,259	3.1	22,325
With a certification or license ¹	28,556	26,881	94.1	26,386	92.4	494	1.8	1,675
With a certification, but no license.....	2,839	2,669	94.0	2,611	92.0	59	2.2	169
With a license ²	25,717	24,211	94.1	23,776	92.5	435	1.8	1,506
Without a certification or license.....	98,606	77,956	79.1	75,191	76.3	2,765	3.5	20,650
55 years and over.....	98,855	38,358	38.8	37,335	37.8	1,022	2.7	60,497
With a certification or license ¹	13,691	9,999	73.0	9,818	71.7	181	1.8	3,692
With a certification, but no license.....	1,229	898	73.1	881	71.7	17	1.9	331
With a license ²	12,462	9,101	73.0	8,937	71.7	164	1.8	3,361
Without a certification or license.....	85,163	28,359	33.3	27,517	32.3	841	3.0	56,805
Sex								
Men, 16 years and over.....	128,617	87,421	68.0	84,203	65.5	3,218	3.7	41,197
With a certification or license ¹	20,168	18,076	89.6	17,729	87.9	347	1.9	2,092
With a certification, but no license.....	2,417	2,178	90.1	2,126	88.0	52	2.4	239
With a license ²	17,751	15,897	89.6	15,602	87.9	295	1.9	1,854
Without a certification or license.....	108,450	69,345	63.9	66,474	61.3	2,872	4.1	39,104
Women, 16 years and over.....	135,356	76,866	56.8	74,089	54.7	2,778	3.6	58,490
With a certification or license ¹	24,275	20,736	85.4	20,332	83.8	403	1.9	3,539
With a certification, but no license.....	1,897	1,607	84.7	1,572	82.8	36	2.2	290
With a license ²	22,378	19,128	85.5	18,761	83.8	368	1.9	3,249
Without a certification or license.....	111,081	56,131	50.5	53,756	48.4	2,374	4.2	54,951

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, 2022 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.....	203,214	125,957	62.0	121,908	60.0	4,049	3.2	77,257
With a certification or license ¹	35,271	30,755	87.2	30,231	85.7	524	1.7	4,516
With a certification, but no license.....	3,334	2,916	87.5	2,858	85.7	58	2.0	418
With a license ²	31,937	27,839	87.2	27,373	85.7	466	1.7	4,098
Without a certification or license.....	167,943	95,202	56.7	91,677	54.6	3,525	3.7	72,741
Black or African American, 16 years and over.....	34,131	21,236	62.2	19,937	58.4	1,300	6.1	12,895
With a certification or license ¹	5,249	4,590	87.5	4,429	84.4	162	3.5	658
With a certification, but no license.....	508	455	89.5	435	85.6	20	4.3	53
With a license ²	4,740	4,135	87.2	3,993	84.2	142	3.4	605
Without a certification or license.....	28,883	16,646	57.6	15,508	53.7	1,138	6.8	12,237
Asian, 16 years and over.....	16,933	10,921	64.5	10,615	62.7	306	2.8	6,012
With a certification or license ¹	2,515	2,242	89.1	2,210	87.9	31	1.4	273
With a certification, but no license.....	324	286	88.2	281	86.7	5	1.8	38
With a license ²	2,191	1,956	89.3	1,929	88.1	26	1.4	235
Without a certification or license.....	14,418	8,679	60.2	8,405	58.3	274	3.2	5,739
Hispanic or Latino ethnicity, 16 years and over.....	46,171	30,601	66.3	29,299	63.5	1,302	4.3	15,570
With a certification or license ¹	5,070	4,507	88.9	4,398	86.7	109	2.4	563
With a certification, but no license.....	516	453	87.7	441	85.4	12	2.6	64
With a license ²	4,553	4,054	89.0	3,956	86.9	97	2.4	500
Without a certification or license.....	41,101	26,095	63.5	24,902	60.6	1,193	4.6	15,006

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	
Educational attainment								
Total, 25 years and over.....	226,016	143,195	63.4	138,913	61.5	4,281	3.0	82,822
With a certification or license ¹	42,247	36,880	87.3	36,204	85.7	675	1.8	5,368
With a certification, but no license.....	4,068	3,568	87.7	3,492	85.8	76	2.1	500
With a license ²	38,179	33,312	87.3	32,712	85.7	600	1.8	4,867
Without a certification or license.....	183,769	106,315	57.9	102,709	55.9	3,606	3.4	77,454
Less than a high school diploma.....	19,789	8,988	45.4	8,498	42.9	490	5.5	10,800
With a certification or license ¹	791	655	82.7	630	79.7	24	3.7	136
With a certification, but no license.....	89	72	80.8	69	77.7	3	3.8	17
With a license ²	702	582	83.0	561	79.9	22	3.7	119
Without a certification or license.....	18,998	8,334	43.9	7,868	41.4	466	5.6	10,664
High school graduates, no college ³	63,707	35,919	56.4	34,497	54.2	1,422	4.0	27,788
With a certification or license ¹	5,689	4,979	87.5	4,832	84.9	147	2.9	710
With a certification, but no license.....	589	507	86.2	487	82.8	20	3.9	81
With a license ²	5,100	4,472	87.7	4,345	85.2	127	2.8	629
Without a certification or license.....	58,018	30,940	53.3	29,665	51.1	1,275	4.1	27,077
Some college or associate degree.....	56,540	35,643	63.0	34,523	61.1	1,120	3.1	20,896
With a certification or license ¹	10,976	9,480	86.4	9,269	84.4	211	2.2	1,496
With a certification, but no license.....	1,218	1,046	85.9	1,025	84.1	21	2.0	172
With a license ²	9,758	8,434	86.4	8,245	84.5	189	2.2	1,324
Without a certification or license.....	45,563	26,163	57.4	25,254	55.4	909	3.5	19,400
Some college, no degree.....	32,938	20,042	60.8	19,348	58.7	694	3.5	12,896
With a certification or license ¹	4,927	4,257	86.4	4,156	84.4	101	2.4	670
With a certification, but no license.....	591	507	85.8	498	84.3	9	1.7	84
With a license ²	4,336	3,751	86.5	3,658	84.4	93	2.5	586
Without a certification or license.....	28,011	15,785	56.4	15,192	54.2	592	3.8	12,226
Associate degree.....	23,601	15,601	66.1	15,175	64.3	427	2.7	8,000
With a certification or license ¹	6,049	5,223	86.3	5,113	84.5	110	2.1	826
With a certification, but no license.....	628	539	86.0	527	83.9	13	2.4	88
With a license ²	5,422	4,683	86.4	4,586	84.6	97	2.1	738
Without a certification or license.....	17,552	10,379	59.1	10,062	57.3	317	3.1	7,173
Bachelor's degree and higher.....	85,981	62,644	72.9	61,394	71.4	1,250	2.0	23,338
With a certification or license ¹	24,791	21,766	87.8	21,473	86.6	293	1.3	3,025
With a certification, but no license.....	2,171	1,942	89.4	1,910	88.0	32	1.6	229
With a license ²	22,619	19,824	87.6	19,562	86.5	262	1.3	2,795
Without a certification or license.....	61,191	40,878	66.8	39,921	65.2	956	2.3	20,313
Bachelor's degree only.....	53,166	38,530	72.5	37,685	70.9	845	2.2	14,636
With a certification or license ¹	11,758	10,406	88.5	10,251	87.2	155	1.5	1,353
With a certification, but no license.....	1,258	1,135	90.3	1,116	88.7	19	1.7	123
With a license ²	10,500	9,270	88.3	9,134	87.0	136	1.5	1,230
Without a certification or license.....	41,408	28,125	67.9	27,434	66.3	690	2.5	13,284
Advanced degree ⁴	32,815	24,114	73.5	23,709	72.3	405	1.7	8,701
With a certification or license ¹	13,032	11,360	87.2	11,222	86.1	138	1.2	1,672
With a certification, but no license.....	913	807	88.3	794	86.9	12	1.5	107
With a license ²	12,119	10,554	87.1	10,428	86.0	126	1.2	1,565
Without a certification or license.....	19,783	12,753	64.5	12,487	63.1	266	2.1	7,030

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.