

**HOUSEHOLD DATA
ANNUAL AVERAGES**

50. Employment status of the civilian noninstitutional population by certification and licensing status and selected characteristics, 2017 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.....	255,079	160,320	62.9	153,337	60.1	6,982	4.4	94,759
With a certification or license ¹	43,532	38,098	87.5	37,245	85.6	854	2.2	5,434
With a certification, but no license.....	4,244	3,701	87.2	3,580	84.4	121	3.3	543
With a license ²	39,288	34,397	87.6	33,664	85.7	733	2.1	4,891
Without a certification or license.....	211,547	122,221	57.8	116,093	54.9	6,129	5.0	89,325
16 to 24 years.....	38,150	21,160	55.5	19,206	50.3	1,955	9.2	16,989
With a certification or license ¹	2,378	2,068	87.0	1,982	83.3	86	4.2	310
With a certification, but no license.....	246	214	87.1	205	83.4	9	4.3	32
With a license ²	2,133	1,854	86.9	1,777	83.3	77	4.1	278
Without a certification or license.....	35,772	19,092	53.4	17,224	48.1	1,868	9.8	16,679
25 to 54 years.....	125,697	102,683	81.7	98,833	78.6	3,850	3.7	23,014
With a certification or license ¹	28,042	26,235	93.6	25,672	91.5	563	2.1	1,808
With a certification, but no license.....	2,805	2,605	92.9	2,518	89.8	87	3.3	200
With a license ²	25,238	23,630	93.6	23,154	91.7	476	2.0	1,608
Without a certification or license.....	97,655	76,449	78.3	73,161	74.9	3,287	4.3	21,206
55 years and over.....	91,232	36,476	40.0	35,299	38.7	1,178	3.2	54,756
With a certification or license ¹	13,112	9,796	74.7	9,591	73.1	205	2.1	3,316
With a certification, but no license.....	1,194	882	73.9	858	71.9	24	2.8	312
With a license ²	11,918	8,913	74.8	8,733	73.3	180	2.0	3,005
Without a certification or license.....	78,120	26,681	34.2	25,708	32.9	973	3.6	51,440
Sex								
Men, 16 years and over.....	123,275	85,145	69.1	81,402	66.0	3,743	4.4	38,130
With a certification or license ¹	20,155	18,170	90.2	17,764	88.1	407	2.2	1,985
With a certification, but no license.....	2,410	2,180	90.5	2,113	87.7	66	3.1	230
With a license ²	17,745	15,990	90.1	15,650	88.2	340	2.1	1,754
Without a certification or license.....	103,121	66,975	64.9	63,638	61.7	3,337	5.0	36,146
Women, 16 years and over.....	131,804	75,175	57.0	71,936	54.6	3,239	4.3	56,629
With a certification or license ¹	23,377	19,928	85.2	19,481	83.3	447	2.2	3,449
With a certification, but no license.....	1,834	1,521	82.9	1,467	80.0	54	3.6	313
With a license ²	21,543	18,407	85.4	18,014	83.6	393	2.1	3,136
Without a certification or license.....	108,426	55,246	51.0	52,455	48.4	2,792	5.1	53,180

See footnotes at end of table.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

50. Employment status of the civilian noninstitutional population by certification and licensing status and selected characteristics, 2017 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.....	198,942	124,941	62.8	120,176	60.4	4,765	3.8	74,001
With a certification or license ¹	35,271	30,851	87.5	30,234	85.7	617	2.0	4,421
With a certification, but no license.....	3,374	2,961	87.8	2,875	85.2	85	2.9	413
With a license ²	31,898	27,890	87.4	27,358	85.8	531	1.9	4,008
Without a certification or license.....	163,670	94,090	57.5	89,942	55.0	4,148	4.4	69,580
Black or African American, 16 years and over.....	32,247	20,088	62.3	18,587	57.6	1,501	7.5	12,159
With a certification or license ¹	4,689	4,106	87.6	3,949	84.2	157	3.8	583
With a certification, but no license.....	445	371	83.3	352	79.0	19	5.1	74
With a license ²	4,244	3,736	88.0	3,597	84.8	139	3.7	509
Without a certification or license.....	27,558	15,982	58.0	14,638	53.1	1,343	8.4	11,576
Asian, 16 years and over.....	15,368	9,781	63.6	9,448	61.5	333	3.4	5,587
With a certification or license ¹	2,282	2,017	88.4	1,983	86.9	34	1.7	265
With a certification, but no license.....	287	252	87.9	245	85.2	8	3.1	35
With a license ²	1,995	1,765	88.5	1,739	87.2	26	1.5	230
Without a certification or license.....	13,086	7,764	59.3	7,464	57.0	299	3.9	5,322
Hispanic or Latino ethnicity, 16 years and over.....	41,371	27,339	66.1	25,938	62.7	1,401	5.1	14,032
With a certification or license ¹	4,522	4,001	88.5	3,868	85.5	132	3.3	521
With a certification, but no license.....	498	432	86.7	403	80.9	29	6.7	66
With a license ²	4,023	3,569	88.7	3,465	86.1	103	2.9	455
Without a certification or license.....	36,850	23,339	63.3	22,070	59.9	1,269	5.4	13,511

See footnotes at end of table.

**HOUSEHOLD DATA
ANNUAL AVERAGES**

50. Employment status of the civilian noninstitutional population by certification and licensing status and selected characteristics, 2017 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	
Educational attainment								
Total, 25 years and over.....	216,929	139,159	64.1	134,132	61.8	5,028	3.6	77,770
With a certification or license ¹	41,154	36,030	87.5	35,263	85.7	767	2.1	5,124
With a certification, but no license.....	3,999	3,487	87.2	3,376	84.4	112	3.2	511
With a license ²	37,155	32,543	87.6	31,887	85.8	656	2.0	4,612
Without a certification or license.....	175,775	103,129	58.7	98,869	56.2	4,260	4.1	72,646
Less than a high school diploma.....	22,638	10,343	45.7	9,668	42.7	674	6.5	12,295
With a certification or license ¹	966	812	84.0	777	80.4	35	4.3	154
With a certification, but no license.....	91	73	80.8	68	74.9	5	7.3	17
With a license ²	875	738	84.4	709	81.0	29	4.0	137
Without a certification or license.....	21,672	9,531	44.0	8,891	41.0	640	6.7	12,141
High school graduates, no college ³	62,192	35,874	57.7	34,210	55.0	1,664	4.6	26,318
With a certification or license ¹	5,983	5,252	87.8	5,099	85.2	153	2.9	731
With a certification, but no license.....	621	530	85.4	511	82.4	19	3.5	91
With a license ²	5,362	4,722	88.1	4,588	85.6	135	2.9	640
Without a certification or license.....	56,209	30,622	54.5	29,111	51.8	1,511	4.9	25,587
Some college or associate degree.....	57,261	37,696	65.8	36,282	63.4	1,414	3.8	19,565
With a certification or license ¹	11,487	9,993	87.0	9,728	84.7	265	2.7	1,494
With a certification, but no license.....	1,206	1,045	86.7	998	82.8	46	4.4	161
With a license ²	10,281	8,948	87.0	8,729	84.9	219	2.4	1,333
Without a certification or license.....	45,774	27,703	60.5	26,555	58.0	1,148	4.1	18,070
Some college, no degree.....	35,211	22,339	63.4	21,440	60.9	899	4.0	12,872
With a certification or license ¹	5,530	4,798	86.8	4,673	84.5	125	2.6	732
With a certification, but no license.....	637	554	87.0	532	83.6	22	4.0	83
With a license ²	4,894	4,244	86.7	4,141	84.6	103	2.4	650
Without a certification or license.....	29,681	17,541	59.1	16,767	56.5	774	4.4	12,140
Associate degree.....	22,050	15,357	69.6	14,842	67.3	515	3.4	6,692
With a certification or license ¹	5,957	5,195	87.2	5,054	84.9	141	2.7	762
With a certification, but no license.....	569	491	86.3	466	82.0	25	5.0	78
With a license ²	5,388	4,704	87.3	4,588	85.2	116	2.5	684
Without a certification or license.....	16,093	10,162	63.1	9,788	60.8	374	3.7	5,931
Bachelor's degree and higher.....	74,838	55,246	73.8	53,971	72.1	1,275	2.3	19,592
With a certification or license ¹	22,718	19,973	87.9	19,659	86.5	314	1.6	2,745
With a certification, but no license.....	2,081	1,839	88.4	1,798	86.4	41	2.2	242
With a license ²	20,637	18,134	87.9	17,862	86.6	273	1.5	2,502
Without a certification or license.....	52,120	35,273	67.7	34,312	65.8	961	2.7	16,847
Bachelor's degree only.....	47,056	34,480	73.3	33,620	71.4	860	2.5	12,576
With a certification or license ¹	11,168	9,894	88.6	9,722	87.1	172	1.7	1,274
With a certification, but no license.....	1,196	1,068	89.3	1,045	87.3	23	2.2	128
With a license ²	9,971	8,826	88.5	8,677	87.0	148	1.7	1,146
Without a certification or license.....	35,888	24,586	68.5	23,897	66.6	689	2.8	11,303
Advanced degree ⁴	27,782	20,766	74.7	20,351	73.3	415	2.0	7,016
With a certification or license ¹	11,550	10,079	87.3	9,937	86.0	142	1.4	1,471
With a certification, but no license.....	885	771	87.1	753	85.1	18	2.3	114
With a license ²	10,665	9,309	87.3	9,184	86.1	124	1.3	1,357
Without a certification or license.....	16,232	10,687	65.8	10,414	64.2	273	2.6	5,545

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.