

**HOUSEHOLD DATA  
ANNUAL AVERAGES**

**51. Certification and licensing status of employed persons 16 years and over by selected characteristics, 2020 annual averages**

Characteristic	Number of persons (in thousands)					Percent distribution				
	Total employed	With a certification or license <sup>1</sup>			Without a certification or license	Total employed	With a certification or license <sup>1</sup>			Without a certification or license
		Total	With a certification, but no license	With a license <sup>2</sup>			Total	With a certification, but no license	With a license <sup>2</sup>	
<b>Age and sex</b>										
Total, 16 years and over.....	147,795	36,906	3,390	33,517	110,889	100.0	25.0	2.3	22.7	75.0
16 to 24 years.....	17,192	1,758	179	1,579	15,434	100.0	10.2	1.0	9.2	89.8
25 to 54 years.....	95,331	25,551	2,393	23,158	69,780	100.0	26.8	2.5	24.3	73.2
25 to 34 years.....	33,426	7,998	751	7,247	25,428	100.0	23.9	2.2	21.7	76.1
35 to 44 years.....	31,807	9,018	865	8,153	22,789	100.0	28.4	2.7	25.6	71.6
45 to 54 years.....	30,099	8,535	778	7,758	21,563	100.0	28.4	2.6	25.8	71.6
55 years and over.....	35,271	9,597	818	8,779	25,674	100.0	27.2	2.3	24.9	72.8
55 to 64 years.....	25,454	6,903	646	6,257	18,551	100.0	27.1	2.5	24.6	72.9
65 years and over.....	9,818	2,694	172	2,522	7,124	100.0	27.4	1.7	25.7	72.6
Men, 16 years and over.....	78,560	17,345	1,950	15,395	61,215	100.0	22.1	2.5	19.6	77.9
16 to 24 years.....	8,734	740	105	635	7,994	100.0	8.5	1.2	7.3	91.5
25 to 54 years.....	50,890	11,624	1,391	10,232	39,266	100.0	22.8	2.7	20.1	77.2
25 to 34 years.....	17,844	3,483	438	3,045	14,361	100.0	19.5	2.5	17.1	80.5
35 to 44 years.....	17,120	4,147	517	3,631	12,972	100.0	24.2	3.0	21.2	75.8
45 to 54 years.....	15,926	3,993	437	3,556	11,932	100.0	25.1	2.7	22.3	74.9
55 years and over.....	18,936	4,982	454	4,528	13,955	100.0	26.3	2.4	23.9	73.7
55 to 64 years.....	13,467	3,461	353	3,108	10,005	100.0	25.7	2.6	23.1	74.3
65 years and over.....	5,470	1,520	101	1,419	3,950	100.0	27.8	1.8	25.9	72.2
Women, 16 years and over.....	69,234	19,561	1,440	18,122	49,673	100.0	28.3	2.1	26.2	71.7
16 to 24 years.....	8,458	1,018	74	944	7,440	100.0	12.0	0.9	11.2	88.0
25 to 54 years.....	44,442	13,928	1,002	12,926	30,514	100.0	31.3	2.3	29.1	68.7
25 to 34 years.....	15,582	4,515	313	4,202	11,067	100.0	29.0	2.0	27.0	71.0
35 to 44 years.....	14,687	4,871	349	4,522	9,816	100.0	33.2	2.4	30.8	66.8
45 to 54 years.....	14,173	4,542	341	4,202	9,631	100.0	32.0	2.4	29.6	68.0
55 years and over.....	16,335	4,615	364	4,252	11,720	100.0	28.3	2.2	26.0	71.7
55 to 64 years.....	11,987	3,441	293	3,148	8,546	100.0	28.7	2.4	26.3	71.3
65 years and over.....	4,348	1,174	71	1,103	3,174	100.0	27.0	1.6	25.4	73.0
<b>Race and Hispanic or Latino ethnicity</b>										
White, 16 years and over.....	115,341	29,701	2,674	27,027	85,640	100.0	25.8	2.3	23.4	74.2
Men.....	62,446	14,337	1,571	12,766	48,108	100.0	23.0	2.5	20.4	77.0
Women.....	52,895	15,364	1,103	14,261	37,531	100.0	29.0	2.1	27.0	71.0
Black or African American, 16 years and over.....	17,873	3,960	348	3,612	13,912	100.0	22.2	1.9	20.2	77.8
Men.....	8,392	1,530	159	1,371	6,862	100.0	18.2	1.9	16.3	81.8
Women.....	9,481	2,430	189	2,242	7,050	100.0	25.6	2.0	23.6	74.4
Asian, 16 years and over.....	9,437	2,115	235	1,879	7,323	100.0	22.4	2.5	19.9	77.6
Men.....	5,041	947	152	795	4,094	100.0	18.8	3.0	15.8	81.2
Women.....	4,396	1,168	83	1,084	3,229	100.0	26.6	1.9	24.7	73.4
Hispanic or Latino ethnicity, 16 years and over.....	25,952	4,220	423	3,797	21,732	100.0	16.3	1.6	14.6	83.7
Men.....	14,857	2,157	258	1,899	12,701	100.0	14.5	1.7	12.8	85.5
Women.....	11,095	2,064	165	1,898	9,031	100.0	18.6	1.5	17.1	81.4
<b>Educational attainment</b>										
Total, 25 years and over.....	130,603	35,148	3,211	31,937	95,454	100.0	26.9	2.5	24.5	73.1
Less than a high school diploma.....	7,888	647	58	589	7,241	100.0	8.2	0.7	7.5	91.8
High school graduates, no college <sup>3</sup> .....	31,606	4,605	374	4,231	27,001	100.0	14.6	1.2	13.4	85.4
Some college or associate degree.....	33,570	9,173	951	8,223	24,396	100.0	27.3	2.8	24.5	72.7
Some college, no degree.....	19,037	4,255	482	3,772	14,783	100.0	22.3	2.5	19.8	77.7

See footnotes at end of table.

**HOUSEHOLD DATA  
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**51. Certification and licensing status of employed persons 16 years and over by selected characteristics, 2020  
annual averages — Continued**

Characteristic	Number of persons (in thousands)					Percent distribution				
	Total employed	With a certification or license <sup>1</sup>			Without a certification or license	Total employed	With a certification or license <sup>1</sup>			Without a certification or license
		Total	With a certification, but no license	With a license <sup>2</sup>			Total	With a certification, but no license	With a license <sup>2</sup>	
Associate degree.....	14,532	4,919	468	4,450	9,614	100.0	33.8	3.2	30.6	66.2
Bachelor's degree and higher.....	57,538	20,723	1,828	18,895	36,815	100.0	36.0	3.2	32.8	64.0
Bachelor's degree only.....	35,286	9,959	1,069	8,890	25,327	100.0	28.2	3.0	25.2	71.8
Advanced degree <sup>4</sup> .....	22,252	10,764	759	10,005	11,489	100.0	48.4	3.4	45.0	51.6
Men, 25 years and over.....	69,826	16,605	1,845	14,760	53,221	100.0	23.8	2.6	21.1	76.2
Less than a high school diploma.....	5,130	413	42	371	4,717	100.0	8.1	0.8	7.2	91.9
High school graduates, no college <sup>3</sup> .....	18,910	2,852	236	2,616	16,058	100.0	15.1	1.2	13.8	84.9
Some college or associate degree.....	17,264	4,503	523	3,980	12,761	100.0	26.1	3.0	23.1	73.9
Some college, no degree.....	10,297	2,346	273	2,074	7,951	100.0	22.8	2.6	20.1	77.2
Associate degree.....	6,966	2,157	250	1,907	4,810	100.0	31.0	3.6	27.4	69.0
Bachelor's degree and higher.....	28,522	8,837	1,045	7,793	19,685	100.0	31.0	3.7	27.3	69.0
Bachelor's degree only.....	17,827	4,363	612	3,752	13,464	100.0	24.5	3.4	21.0	75.5
Advanced degree <sup>4</sup> .....	10,695	4,474	433	4,041	6,221	100.0	41.8	4.0	37.8	58.2
Women, 25 years and over.....	60,776	18,543	1,366	17,177	42,233	100.0	30.5	2.2	28.3	69.5
Less than a high school diploma.....	2,758	234	16	218	2,524	100.0	8.5	0.6	7.9	91.5
High school graduates, no college <sup>3</sup> .....	12,696	1,753	139	1,615	10,943	100.0	13.8	1.1	12.7	86.2
Some college or associate degree.....	16,306	4,671	428	4,243	11,636	100.0	28.6	2.6	26.0	71.4
Some college, no degree.....	8,740	1,909	210	1,699	6,832	100.0	21.8	2.4	19.4	78.2
Associate degree.....	7,566	2,762	218	2,544	4,804	100.0	36.5	2.9	33.6	63.5
Bachelor's degree and higher.....	29,016	11,885	783	11,102	17,131	100.0	41.0	2.7	38.3	59.0
Bachelor's degree only.....	17,458	5,595	457	5,138	11,863	100.0	32.0	2.6	29.4	68.0
Advanced degree <sup>4</sup> .....	11,557	6,290	326	5,964	5,267	100.0	54.4	2.8	51.6	45.6

<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.