

**HOUSEHOLD DATA
ANNUAL AVERAGES**

51. Certification and licensing status of employed persons 16 years and over by selected characteristics, 2021 annual averages

Characteristic	Number of persons (in thousands)					Percent distribution				
	Total employed	With a certification or license ¹			Without a certification or license	Total employed	With a certification or license ¹			Without a certification or license
		Total	With a certification, but no license	With a license ²			Total	With a certification, but no license	With a license ²	
Age and sex										
Total, 16 years and over.....	152,581	36,871	3,385	33,485	115,710	100.0	24.2	2.2	21.9	75.8
16 to 24 years.....	18,675	1,840	179	1,661	16,835	100.0	9.9	1.0	8.9	90.1
25 to 54 years.....	97,867	25,420	2,401	23,020	72,447	100.0	26.0	2.5	23.5	74.0
25 to 34 years.....	34,578	7,851	746	7,105	26,727	100.0	22.7	2.2	20.5	77.3
35 to 44 years.....	32,734	9,014	871	8,142	23,721	100.0	27.5	2.7	24.9	72.5
45 to 54 years.....	30,554	8,556	783	7,772	21,999	100.0	28.0	2.6	25.4	72.0
55 years and over.....	36,039	9,611	806	8,804	26,429	100.0	26.7	2.2	24.4	73.3
55 to 64 years.....	25,912	6,871	618	6,253	19,041	100.0	26.5	2.4	24.1	73.5
65 years and over.....	10,127	2,739	188	2,551	7,388	100.0	27.0	1.9	25.2	73.0
Men, 16 years and over.....	80,829	17,060	1,946	15,114	63,769	100.0	21.1	2.4	18.7	78.9
16 to 24 years.....	9,454	760	111	649	8,693	100.0	8.0	1.2	6.9	92.0
25 to 54 years.....	52,112	11,356	1,379	9,977	40,756	100.0	21.8	2.6	19.1	78.2
25 to 34 years.....	18,443	3,381	419	2,961	15,062	100.0	18.3	2.3	16.1	81.7
35 to 44 years.....	17,639	4,116	508	3,608	13,523	100.0	23.3	2.9	20.5	76.7
45 to 54 years.....	16,031	3,860	452	3,408	12,171	100.0	24.1	2.8	21.3	75.9
55 years and over.....	19,263	4,943	456	4,487	14,320	100.0	25.7	2.4	23.3	74.3
55 to 64 years.....	13,614	3,408	349	3,059	10,206	100.0	25.0	2.6	22.5	75.0
65 years and over.....	5,649	1,535	106	1,429	4,114	100.0	27.2	1.9	25.3	72.8
Women, 16 years and over.....	71,752	19,811	1,440	18,371	51,941	100.0	27.6	2.0	25.6	72.4
16 to 24 years.....	9,221	1,079	68	1,012	8,142	100.0	11.7	0.7	11.0	88.3
25 to 54 years.....	45,754	14,064	1,021	13,043	31,690	100.0	30.7	2.2	28.5	69.3
25 to 34 years.....	16,136	4,470	327	4,144	11,665	100.0	27.7	2.0	25.7	72.3
35 to 44 years.....	15,095	4,897	363	4,534	10,198	100.0	32.4	2.4	30.0	67.6
45 to 54 years.....	14,523	4,696	332	4,364	9,827	100.0	32.3	2.3	30.1	67.7
55 years and over.....	16,776	4,668	350	4,317	12,109	100.0	27.8	2.1	25.7	72.2
55 to 64 years.....	12,298	3,463	269	3,195	8,835	100.0	28.2	2.2	26.0	71.8
65 years and over.....	4,478	1,204	82	1,123	3,274	100.0	26.9	1.8	25.1	73.1
Race and Hispanic or Latino ethnicity										
White, 16 years and over.....	118,291	29,515	2,648	26,866	88,776	100.0	25.0	2.2	22.7	75.0
Men.....	63,814	13,980	1,521	12,459	49,834	100.0	21.9	2.4	19.5	78.1
Women.....	54,476	15,535	1,128	14,407	38,942	100.0	28.5	2.1	26.4	71.5
Black or African American, 16 years and over.....	18,726	4,043	372	3,672	14,683	100.0	21.6	2.0	19.6	78.4
Men.....	8,875	1,635	212	1,422	7,241	100.0	18.4	2.4	16.0	81.6
Women.....	9,851	2,409	159	2,249	7,442	100.0	24.5	1.6	22.8	75.5
Asian, 16 years and over.....	10,016	2,130	255	1,875	7,886	100.0	21.3	2.5	18.7	78.7
Men.....	5,292	921	151	770	4,371	100.0	17.4	2.8	14.6	82.6
Women.....	4,725	1,210	105	1,105	3,515	100.0	25.6	2.2	23.4	74.4
Hispanic or Latino ethnicity, 16 years and over.....	27,429	4,297	418	3,880	23,132	100.0	15.7	1.5	14.1	84.3
Men.....	15,748	2,161	263	1,898	13,588	100.0	13.7	1.7	12.1	86.3
Women.....	11,680	2,137	155	1,982	9,544	100.0	18.3	1.3	17.0	81.7
Educational attainment										
Total, 25 years and over.....	133,906	35,031	3,207	31,824	98,875	100.0	26.2	2.4	23.8	73.8
Less than a high school diploma.....	8,263	602	62	540	7,662	100.0	7.3	0.8	6.5	92.7
High school graduates, no college ³	32,821	4,608	447	4,161	28,214	100.0	14.0	1.4	12.7	86.0
Some college or associate degree.....	33,855	9,010	922	8,088	24,845	100.0	26.6	2.7	23.9	73.4
Some college, no degree.....	19,247	4,171	490	3,681	15,076	100.0	21.7	2.5	19.1	78.3

See footnotes at end of table.

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annual averages — Continued**

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	Total employed	With a certification or license ¹			Without a certification or license	Total employed	With a certification or license ¹			Without a certification or license
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Associate degree.....	14,608	4,839	433	4,407	9,769	100.0	33.1	3.0	30.2	66.9
Bachelor's degree and higher.....	58,966	20,811	1,775	19,036	38,155	100.0	35.3	3.0	32.3	64.7
Bachelor's degree only.....	36,289	9,786	973	8,814	26,503	100.0	27.0	2.7	24.3	73.0
Advanced degree ⁴	22,677	11,025	802	10,223	11,652	100.0	48.6	3.5	45.1	51.4
Men, 25 years and over.....	71,375	16,299	1,835	14,464	55,076	100.0	22.8	2.6	20.3	77.2
Less than a high school diploma.....	5,409	396	45	351	5,012	100.0	7.3	0.8	6.5	92.7
High school graduates, no college ³	19,650	2,852	305	2,547	16,798	100.0	14.5	1.6	13.0	85.5
Some college or associate degree.....	17,255	4,286	515	3,771	12,968	100.0	24.8	3.0	21.9	75.2
Some college, no degree.....	10,258	2,228	284	1,945	8,030	100.0	21.7	2.8	19.0	78.3
Associate degree.....	6,996	2,058	231	1,827	4,939	100.0	29.4	3.3	26.1	70.6
Bachelor's degree and higher.....	29,062	8,765	969	7,796	20,297	100.0	30.2	3.3	26.8	69.8
Bachelor's degree only.....	18,302	4,269	565	3,705	14,033	100.0	23.3	3.1	20.2	76.7
Advanced degree ⁴	10,760	4,496	405	4,091	6,265	100.0	41.8	3.8	38.0	58.2
Women, 25 years and over.....	62,531	18,731	1,372	17,360	43,799	100.0	30.0	2.2	27.8	70.0
Less than a high school diploma.....	2,855	206	17	189	2,649	100.0	7.2	0.6	6.6	92.8
High school graduates, no college ³	13,172	1,756	142	1,614	11,416	100.0	13.3	1.1	12.3	86.7
Some college or associate degree.....	16,600	4,724	407	4,317	11,876	100.0	28.5	2.5	26.0	71.5
Some college, no degree.....	8,988	1,942	206	1,737	7,046	100.0	21.6	2.3	19.3	78.4
Associate degree.....	7,612	2,781	201	2,580	4,831	100.0	36.5	2.6	33.9	63.5
Bachelor's degree and higher.....	29,904	12,046	806	11,241	17,858	100.0	40.3	2.7	37.6	59.7
Bachelor's degree only.....	17,987	5,517	408	5,109	12,470	100.0	30.7	2.3	28.4	69.3
Advanced degree ⁴	11,917	6,529	398	6,132	5,388	100.0	54.8	3.3	51.5	45.2

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.