

**HOUSEHOLD DATA
ANNUAL AVERAGES**

**51. Certification and licensing status of employed persons 16 years and over by selected characteristics, 2024
annual averages**

Characteristic	Number of persons (in thousands)					Percent distribution)				
	Total em- ployed	With a certification or license ¹			Without a certifica- tion or license	Total em- ployed	With a certification or license ¹			Without a certifica- tion or license
		Total	With a certifica- tion, but no license	With a license ²			Total	With a certifica- tion, but no license	With a license ²	
Age and sex										
Total, 16 years and over.....	161,346	38,779	3,911	34,869	122,566	100.0	24.0	2.4	21.6	76.0
16 to 24 years.....	19,833	2,030	237	1,793	17,803	100.0	10.2	1.2	9.0	89.8
25 to 54 years.....	103,831	26,846	2,731	24,115	76,985	100.0	25.9	2.6	23.2	74.1
25 to 34 years.....	35,595	8,135	816	7,319	27,460	100.0	22.9	2.3	20.6	77.1
35 to 44 years.....	36,197	9,850	1,015	8,835	26,347	100.0	27.2	2.8	24.4	72.8
45 to 54 years.....	32,039	8,861	900	7,962	23,178	100.0	27.7	2.8	24.8	72.3
55 years and over.....	37,681	9,903	942	8,960	27,778	100.0	26.3	2.5	23.8	73.7
55 to 64 years.....	26,405	6,963	693	6,270	19,442	100.0	26.4	2.6	23.7	73.6
65 years and over.....	11,276	2,939	250	2,690	8,336	100.0	26.1	2.2	23.9	73.9
Men, 16 years and over.....	85,313	17,838	2,256	15,582	67,475	100.0	20.9	2.6	18.3	79.1
16 to 24 years.....	10,003	856	130	725	9,147	100.0	8.6	1.3	7.3	91.4
25 to 54 years.....	55,139	11,995	1,593	10,402	43,144	100.0	21.8	2.9	18.9	78.2
25 to 34 years.....	18,902	3,510	472	3,038	15,393	100.0	18.6	2.5	16.1	81.4
35 to 44 years.....	19,315	4,464	598	3,866	14,852	100.0	23.1	3.1	20.0	76.9
45 to 54 years.....	16,921	4,021	523	3,498	12,900	100.0	23.8	3.1	20.7	76.2
55 years and over.....	20,171	4,988	533	4,455	15,183	100.0	24.7	2.6	22.1	75.3
55 to 64 years.....	14,011	3,376	378	2,998	10,635	100.0	24.1	2.7	21.4	75.9
65 years and over.....	6,160	1,611	155	1,457	4,548	100.0	26.2	2.5	23.6	73.8
Women, 16 years and over.....	76,033	20,941	1,655	19,287	55,092	100.0	27.5	2.2	25.4	72.5
16 to 24 years.....	9,830	1,174	107	1,068	8,656	100.0	11.9	1.1	10.9	88.1
25 to 54 years.....	48,693	14,852	1,138	13,713	33,841	100.0	30.5	2.3	28.2	69.5
25 to 34 years.....	16,693	4,625	345	4,281	12,067	100.0	27.7	2.1	25.6	72.3
35 to 44 years.....	16,882	5,386	417	4,969	11,495	100.0	31.9	2.5	29.4	68.1
45 to 54 years.....	15,118	4,840	377	4,463	10,278	100.0	32.0	2.5	29.5	68.0
55 years and over.....	17,510	4,915	409	4,506	12,595	100.0	28.1	2.3	25.7	71.9
55 to 64 years.....	12,394	3,587	315	3,272	8,807	100.0	28.9	2.5	26.4	71.1
65 years and over.....	5,116	1,328	95	1,233	3,788	100.0	26.0	1.9	24.1	74.0
Race and Hispanic or Latino ethnicity										
White, 16 years and over.....	123,033	30,343	3,017	27,326	92,690	100.0	24.7	2.5	22.2	75.3
Men.....	66,152	14,276	1,722	12,553	51,876	100.0	21.6	2.6	19.0	78.4
Women.....	56,881	16,068	1,295	14,773	40,813	100.0	28.2	2.3	26.0	71.8
Black or African American, 16 years and over.....	20,728	4,700	450	4,250	16,028	100.0	22.7	2.2	20.5	77.3
Men.....	9,983	1,854	245	1,609	8,129	100.0	18.6	2.5	16.1	81.4
Women.....	10,745	2,846	205	2,641	7,899	100.0	26.5	1.9	24.6	73.5
Asian, 16 years and over.....	11,271	2,416	304	2,112	8,855	100.0	21.4	2.7	18.7	78.6
Men.....	5,925	1,089	199	890	4,836	100.0	18.4	3.4	15.0	81.6
Women.....	5,345	1,327	105	1,222	4,019	100.0	24.8	2.0	22.9	75.2
Hispanic or Latino ethnicity, 16 years and over.....	31,227	4,785	475	4,310	26,442	100.0	15.3	1.5	13.8	84.7
Men.....	17,579	2,333	286	2,047	15,246	100.0	13.3	1.6	11.6	86.7
Women.....	13,648	2,451	189	2,262	11,196	100.0	18.0	1.4	16.6	82.0
Educational attainment										
Total, 25 years and over.....	141,512	36,749	3,673	33,076	104,763	100.0	26.0	2.6	23.4	74.0
Less than a high school diploma.....	8,589	618	66	552	7,971	100.0	7.2	0.8	6.4	92.8
High school graduates, no college ³	34,725	5,008	507	4,501	29,717	100.0	14.4	1.5	13.0	85.6
Some college or associate degree.....	34,627	9,195	995	8,199	25,432	100.0	26.6	2.9	23.7	73.4
Some college, no degree.....	18,740	4,015	474	3,541	14,725	100.0	21.4	2.5	18.9	78.6

See footnotes at end of table.

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Associate degree.....	15,887	5,180	521	4,659	10,707	100.0	32.6	3.3	29.3	67.4
Bachelor's degree and higher.....	63,571	21,929	2,105	19,824	41,643	100.0	34.5	3.3	31.2	65.5
Bachelor's degree only.....	38,885	10,457	1,248	9,208	28,429	100.0	26.9	3.2	23.7	73.1
Advanced degree ⁴	24,686	11,472	857	10,615	13,214	100.0	46.5	3.5	43.0	53.5
Men, 25 years and over.....	75,310	16,982	2,126	14,857	58,328	100.0	22.6	2.8	19.7	77.4
Less than a high school diploma.....	5,623	405	40	365	5,218	100.0	7.2	0.7	6.5	92.8
High school graduates, no college ³	20,723	3,079	354	2,725	17,645	100.0	14.9	1.7	13.1	85.1
Some college or associate degree.....	17,844	4,405	594	3,811	13,439	100.0	24.7	3.3	21.4	75.3
Some college, no degree.....	10,080	2,158	292	1,865	7,922	100.0	21.4	2.9	18.5	78.6
Associate degree.....	7,764	2,247	302	1,946	5,517	100.0	28.9	3.9	25.1	71.1
Bachelor's degree and higher.....	31,120	9,094	1,138	7,956	22,027	100.0	29.2	3.7	25.6	70.8
Bachelor's degree only.....	19,522	4,509	684	3,826	15,013	100.0	23.1	3.5	19.6	76.9
Advanced degree ⁴	11,598	4,584	454	4,130	7,014	100.0	39.5	3.9	35.6	60.5
Women, 25 years and over.....	66,202	19,767	1,548	18,219	46,436	100.0	29.9	2.3	27.5	70.1
Less than a high school diploma.....	2,966	213	26	187	2,753	100.0	7.2	0.9	6.3	92.8
High school graduates, no college ³	14,002	1,929	154	1,776	12,072	100.0	13.8	1.1	12.7	86.2
Some college or associate degree.....	16,783	4,790	401	4,388	11,994	100.0	28.5	2.4	26.1	71.5
Some college, no degree.....	8,660	1,857	182	1,675	6,803	100.0	21.4	2.1	19.3	78.6
Associate degree.....	8,123	2,932	220	2,713	5,191	100.0	36.1	2.7	33.4	63.9
Bachelor's degree and higher.....	32,451	12,835	967	11,868	19,616	100.0	39.6	3.0	36.6	60.4
Bachelor's degree only.....	19,363	5,947	564	5,383	13,416	100.0	30.7	2.9	27.8	69.3
Advanced degree ⁴	13,088	6,888	403	6,485	6,200	100.0	52.6	3.1	49.5	47.4

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.