

**HOUSEHOLD DATA
ANNUAL AVERAGES**

**51. Certification and licensing status of employed persons 16 years and over by selected characteristics, 2016
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.....	151,436	37,829	4,019	33,810	113,607	100.0	25.0	2.7	22.3	75.0
16 to 24 years.....	18,992	1,951	242	1,709	17,041	100.0	10.3	1.3	9.0	89.7
25 to 54 years.....	98,004	26,282	2,875	23,407	71,722	100.0	26.8	2.9	23.9	73.2
25 to 34 years.....	33,722	8,204	888	7,316	25,518	100.0	24.3	2.6	21.7	75.7
35 to 44 years.....	31,562	8,932	996	7,937	22,630	100.0	28.3	3.2	25.1	71.7
45 to 54 years.....	32,720	9,145	991	8,155	23,574	100.0	28.0	3.0	24.9	72.0
55 years and over.....	34,440	9,596	902	8,694	24,844	100.0	27.9	2.6	25.2	72.1
55 to 64 years.....	25,524	7,094	700	6,394	18,430	100.0	27.8	2.7	25.1	72.2
65 years and over.....	8,916	2,503	203	2,300	6,414	100.0	28.1	2.3	25.8	71.9
Men, 16 years and over.....	80,568	18,091	2,312	15,779	62,477	100.0	22.5	2.9	19.6	77.5
16 to 24 years.....	9,696	826	124	701	8,870	100.0	8.5	1.3	7.2	91.5
25 to 54 years.....	52,514	12,275	1,677	10,598	40,240	100.0	23.4	3.2	20.2	76.6
25 to 34 years.....	18,185	3,557	502	3,055	14,628	100.0	19.6	2.8	16.8	80.4
35 to 44 years.....	17,042	4,254	609	3,645	12,789	100.0	25.0	3.6	21.4	75.0
45 to 54 years.....	17,287	4,465	566	3,899	12,823	100.0	25.8	3.3	22.6	74.2
55 years and over.....	18,358	4,991	511	4,480	13,367	100.0	27.2	2.8	24.4	72.8
55 to 64 years.....	13,410	3,551	387	3,165	9,859	100.0	26.5	2.9	23.6	73.5
65 years and over.....	4,948	1,440	124	1,315	3,508	100.0	29.1	2.5	26.6	70.9
Women, 16 years and over.....	70,868	19,737	1,707	18,031	51,131	100.0	27.9	2.4	25.4	72.1
16 to 24 years.....	9,296	1,125	117	1,008	8,170	100.0	12.1	1.3	10.8	87.9
25 to 54 years.....	45,490	14,007	1,198	12,809	31,483	100.0	30.8	2.6	28.2	69.2
25 to 34 years.....	15,537	4,648	386	4,261	10,890	100.0	29.9	2.5	27.4	70.1
35 to 44 years.....	14,520	4,679	387	4,292	9,841	100.0	32.2	2.7	29.6	67.8
45 to 54 years.....	15,433	4,681	425	4,256	10,752	100.0	30.3	2.8	27.6	69.7
55 years and over.....	16,083	4,605	391	4,214	11,477	100.0	28.6	2.4	26.2	71.4
55 to 64 years.....	12,114	3,542	313	3,230	8,572	100.0	29.2	2.6	26.7	70.8
65 years and over.....	3,968	1,063	78	985	2,906	100.0	26.8	2.0	24.8	73.2
Race and Hispanic or Latino ethnicity										
White, 16 years and over.....	119,313	30,732	3,255	27,477	88,581	100.0	25.8	2.7	23.0	74.2
Men.....	64,612	15,120	1,881	13,238	49,492	100.0	23.4	2.9	20.5	76.6
Women.....	54,701	15,612	1,374	14,238	39,089	100.0	28.5	2.5	26.0	71.5
Black or African American, 16 years and over.....	17,982	3,984	402	3,581	13,998	100.0	22.2	2.2	19.9	77.8
Men.....	8,471	1,552	212	1,340	6,918	100.0	18.3	2.5	15.8	81.7
Women.....	9,511	2,431	190	2,241	7,080	100.0	25.6	2.0	23.6	74.4
Asian, 16 years and over.....	9,213	2,023	247	1,777	7,190	100.0	22.0	2.7	19.3	78.0
Men.....	4,915	909	161	748	4,006	100.0	18.5	3.3	15.2	81.5
Women.....	4,298	1,115	86	1,029	3,184	100.0	25.9	2.0	23.9	74.1
Hispanic or Latino ethnicity, 16 years and over.....	25,249	3,828	430	3,398	21,422	100.0	15.2	1.7	13.5	84.8
Men.....	14,563	1,911	247	1,665	12,652	100.0	13.1	1.7	11.4	86.9
Women.....	10,686	1,916	183	1,733	8,770	100.0	17.9	1.7	16.2	82.1
Educational attainment										
Total, 25 years and over.....	132,444	35,878	3,777	32,101	96,567	100.0	27.1	2.9	24.2	72.9
Less than a high school diploma.....	9,884	821	101	720	9,062	100.0	8.3	1.0	7.3	91.7
High school graduates, no college ³	33,801	5,387	584	4,803	28,415	100.0	15.9	1.7	14.2	84.1
Some college or associate degree.....	36,386	10,059	1,176	8,883	26,326	100.0	27.6	3.2	24.4	72.4
Some college, no degree.....	21,668	4,902	599	4,303	16,765	100.0	22.6	2.8	19.9	77.4

See footnotes at end of table.

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Associate degree.....	14,718	5,157	576	4,581	9,561	100.0	35.0	3.9	31.1	65.0
Bachelor's degree and higher.....	52,374	19,611	1,916	17,695	32,763	100.0	37.4	3.7	33.8	62.6
Bachelor's degree only.....	32,475	9,594	1,153	8,441	22,881	100.0	29.5	3.6	26.0	70.5
Advanced degree ⁴	19,899	10,017	763	9,254	9,882	100.0	50.3	3.8	46.5	49.7
Men, 25 years and over.....	70,872	17,266	2,188	15,078	53,606	100.0	24.4	3.1	21.3	75.6
Less than a high school diploma.....	6,354	543	71	471	5,811	100.0	8.5	1.1	7.4	91.5
High school graduates, no college ³	19,691	3,295	388	2,907	16,397	100.0	16.7	2.0	14.8	83.3
Some college or associate degree.....	18,239	4,756	655	4,101	13,482	100.0	26.1	3.6	22.5	73.9
Some college, no degree.....	11,311	2,624	351	2,273	8,687	100.0	23.2	3.1	20.1	76.8
Associate degree.....	6,928	2,132	304	1,828	4,796	100.0	30.8	4.4	26.4	69.2
Bachelor's degree and higher.....	26,588	8,672	1,073	7,599	17,916	100.0	32.6	4.0	28.6	67.4
Bachelor's degree only.....	16,670	4,316	653	3,663	12,354	100.0	25.9	3.9	22.0	74.1
Advanced degree ⁴	9,918	4,356	420	3,936	5,562	100.0	43.9	4.2	39.7	56.1
Women, 25 years and over.....	61,572	18,612	1,589	17,023	42,960	100.0	30.2	2.6	27.6	69.8
Less than a high school diploma.....	3,530	279	30	249	3,251	100.0	7.9	0.8	7.1	92.1
High school graduates, no college ³	14,110	2,092	196	1,896	12,018	100.0	14.8	1.4	13.4	85.2
Some college or associate degree.....	18,147	5,303	521	4,782	12,844	100.0	29.2	2.9	26.4	70.8
Some college, no degree.....	10,357	2,278	249	2,030	8,079	100.0	22.0	2.4	19.6	78.0
Associate degree.....	7,790	3,025	272	2,753	4,765	100.0	38.8	3.5	35.3	61.2
Bachelor's degree and higher.....	25,786	10,939	843	10,095	14,847	100.0	42.4	3.3	39.2	57.6
Bachelor's degree only.....	15,805	5,278	500	4,777	10,527	100.0	33.4	3.2	30.2	66.6
Advanced degree ⁴	9,981	5,661	343	5,318	4,320	100.0	56.7	3.4	53.3	43.3

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.