

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

E-3. Employment status of the civilian noninstitutional population 25 years and over by educational attainment, seasonally adjusted
[Numbers in thousands]

Educational attainment	2015	2016				2017				2018			
	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Less than a high school diploma													
Civilian labor force.....	10,829	10,819	10,628	10,683	10,577	10,315	10,247	10,558	10,240	10,262	10,354	10,240	10,247
Participation rate.....	45.6	46.1	45.5	46.0	45.1	45.6	45.2	46.5	45.5	45.8	45.7	46.4	46.8
Employed.....	10,077	10,047	9,824	9,886	9,771	9,571	9,588	9,860	9,644	9,692	9,772	9,683	9,653
Employment-population ratio.....	42.4	42.8	42.0	42.6	41.7	42.3	42.3	43.4	42.8	43.2	43.1	43.9	44.1
Unemployed.....	752	772	804	796	806	744	658	698	596	570	582	557	594
Unemployment rate.....	6.9	7.1	7.6	7.5	7.6	7.2	6.4	6.6	5.8	5.6	5.6	5.4	5.8
High school graduates, no college¹													
Civilian labor force.....	35,217	35,526	35,499	35,720	35,848	35,810	36,025	35,773	35,867	35,891	35,789	36,285	36,053
Participation rate.....	57.3	57.6	57.3	57.2	57.8	57.9	57.9	57.5	57.4	57.4	57.4	57.5	57.8
Employed.....	33,308	33,663	33,656	33,893	33,991	34,031	34,358	34,115	34,330	34,314	34,321	34,872	34,686
Employment-population ratio.....	54.1	54.5	54.3	54.3	54.8	55.0	55.2	54.8	55.0	54.9	55.1	55.3	55.6
Unemployed.....	1,908	1,864	1,843	1,827	1,857	1,779	1,666	1,658	1,537	1,577	1,468	1,414	1,367
Unemployment rate.....	5.4	5.2	5.2	5.1	5.2	5.0	4.6	4.6	4.3	4.4	4.1	3.9	3.8
Some college or associate degree													
Civilian labor force.....	37,425	38,030	37,861	37,791	38,053	37,926	37,521	37,474	37,865	37,704	37,842	37,396	37,393
Participation rate.....	66.1	66.5	66.1	66.7	66.1	66.0	65.6	65.7	66.1	65.7	65.4	65.4	65.4
Employed.....	35,805	36,437	36,325	36,198	36,587	36,482	36,080	36,084	36,486	36,396	36,582	36,161	36,213
Employment-population ratio.....	63.2	63.7	63.5	63.8	63.5	63.5	63.1	63.3	63.7	63.5	63.2	63.2	63.3
Unemployed.....	1,620	1,593	1,536	1,593	1,466	1,444	1,441	1,390	1,379	1,309	1,260	1,235	1,180
Unemployment rate.....	4.3	4.2	4.1	4.2	3.9	3.8	3.8	3.7	3.6	3.5	3.3	3.3	3.2
Bachelor's degree and higher²													
Civilian labor force.....	52,965	53,060	53,602	54,117	54,112	54,525	55,075	55,701	55,682	56,417	56,739	57,340	58,374
Participation rate.....	74.2	74.0	74.3	74.0	73.9	73.6	74.0	74.0	73.6	73.7	74.1	73.8	73.6
Employed.....	51,631	51,724	52,272	52,738	52,764	53,204	53,771	54,409	54,505	55,180	55,528	56,150	57,125
Employment-population ratio.....	72.4	72.2	72.5	72.1	72.1	71.9	72.2	72.3	72.1	72.1	72.5	72.2	72.0
Unemployed.....	1,334	1,336	1,331	1,379	1,348	1,320	1,304	1,292	1,177	1,237	1,211	1,190	1,249
Unemployment rate.....	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.3	2.1	2.2	2.1	2.1	2.1

¹ Includes persons with a high school diploma or equivalent.

² Includes persons with bachelor's, master's, professional, and doctoral degrees.

NOTE: Updated population controls are introduced annually with the release of January data.