

**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	2021			2022				2023				2024	
	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd
Less than a high school diploma													
Civilian labor force.....	8,896	9,227	8,890	8,919	9,179	8,880	8,975	9,045	9,139	9,141	9,396	9,126	9,060
Participation rate.....	43.3	46.2	45.7	45.6	44.3	45.9	45.9	46.9	46.2	47.5	47.9	47.2	46.6
Employed.....	8,046	8,466	8,353	8,444	8,683	8,358	8,509	8,587	8,615	8,647	8,827	8,608	8,523
Employment-population ratio.....	39.1	42.3	42.9	43.2	41.9	43.2	43.6	44.5	43.6	44.9	45.0	44.6	43.8
Unemployed.....	850	761	537	475	497	522	466	458	524	494	569	518	537
Unemployment rate.....	9.6	8.2	6.0	5.3	5.4	5.9	5.2	5.1	5.7	5.4	6.1	5.7	5.9
High school graduates, no college¹													
Civilian labor force.....	34,895	35,221	35,620	36,747	36,122	35,480	35,310	35,895	35,961	36,139	35,725	36,255	36,261
Participation rate.....	55.6	55.5	55.6	56.6	56.7	56.2	56.0	56.1	56.8	56.6	57.1	57.1	56.9
Employed.....	32,463	33,120	33,847	35,158	34,772	34,101	33,965	34,534	34,551	34,774	34,257	34,733	34,750
Employment-population ratio.....	51.7	52.2	52.9	54.1	54.6	54.0	53.9	54.0	54.5	54.5	54.8	54.7	54.5
Unemployed.....	2,431	2,101	1,773	1,589	1,350	1,379	1,345	1,361	1,410	1,365	1,469	1,522	1,511
Unemployment rate.....	7.0	6.0	5.0	4.3	3.7	3.9	3.8	3.8	3.9	3.8	4.1	4.2	4.2
Some college or associate degree													
Civilian labor force.....	35,910	35,793	35,419	35,440	35,752	35,550	35,822	35,985	35,574	35,836	35,809	36,224	35,801
Participation rate.....	63.3	63.1	62.7	63.4	63.3	62.7	62.7	63.5	62.9	62.9	62.3	63.1	62.9
Employed.....	33,804	34,075	34,056	34,222	34,614	34,524	34,729	34,890	34,498	34,738	34,727	35,039	34,629
Employment-population ratio.....	59.6	60.1	60.3	61.3	61.3	60.9	60.8	61.6	61.0	61.0	60.4	61.0	60.8
Unemployed.....	2,106	1,719	1,364	1,218	1,138	1,027	1,093	1,095	1,077	1,097	1,082	1,186	1,172
Unemployment rate.....	5.9	4.8	3.8	3.4	3.2	2.9	3.1	3.0	3.0	3.1	3.0	3.3	3.3
Bachelor's degree and higher²													
Civilian labor force.....	60,643	60,654	61,210	61,909	62,025	63,426	63,205	63,313	64,149	64,422	64,417	64,213	64,932
Participation rate.....	72.3	72.0	72.2	72.8	73.1	72.9	72.7	72.8	73.2	73.4	72.6	72.4	72.8
Employed.....	58,613	58,949	59,833	60,596	60,780	62,220	61,969	62,027	62,876	63,049	63,052	62,819	63,489
Employment-population ratio.....	69.9	70.0	70.5	71.2	71.7	71.5	71.3	71.3	71.8	71.8	71.1	70.8	71.2
Unemployed.....	2,030	1,705	1,377	1,313	1,244	1,205	1,236	1,286	1,273	1,373	1,365	1,393	1,442
Unemployment rate.....	3.3	2.8	2.2	2.1	2.0	1.9	2.0	2.0	2.0	2.1	2.1	2.2	2.2

¹ Includes persons with a high school diploma or equivalent.

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

NOTE: Detail for the data shown in this table will not necessarily add to totals for those 25 years and over because of the independent seasonal adjustment of the various series. Updated population controls are introduced annually with the release of January data.