

**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	2020		2021				2022				2023			
	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Less than a high school diploma														
Civilian labor force.....	9,254	9,015	8,896	9,227	8,890	8,919	9,179	8,880	8,975	9,045	9,139	9,141	9,396	
Participation rate.....	45.9	45.1	43.3	46.2	45.7	45.6	44.3	45.9	45.9	46.9	46.2	47.5	47.9	
Employed.....	8,359	8,188	8,046	8,466	8,353	8,444	8,683	8,358	8,509	8,587	8,615	8,647	8,827	
Employment-population ratio.....	41.4	40.9	39.1	42.3	42.9	43.2	41.9	43.2	43.6	44.5	43.6	44.9	45.0	
Unemployed.....	895	827	850	761	537	475	497	522	466	458	524	494	569	
Unemployment rate.....	9.7	9.2	9.6	8.2	6.0	5.3	5.4	5.9	5.2	5.1	5.7	5.4	6.1	
High school graduates, no college¹														
Civilian labor force.....	35,234	34,224	34,895	35,221	35,620	36,747	36,122	35,480	35,310	35,895	35,961	36,139	35,725	
Participation rate.....	55.6	54.6	55.6	55.5	55.6	56.6	56.7	56.2	56.0	56.1	56.8	56.6	57.1	
Employed.....	32,434	31,854	32,463	33,120	33,847	35,158	34,772	34,101	33,965	34,534	34,551	34,774	34,257	
Employment-population ratio.....	51.2	50.8	51.7	52.2	52.9	54.1	54.6	54.0	53.9	54.0	54.5	54.5	54.8	
Unemployed.....	2,800	2,370	2,431	2,101	1,773	1,589	1,350	1,379	1,345	1,361	1,410	1,365	1,469	
Unemployment rate.....	7.9	6.9	7.0	6.0	5.0	4.3	3.7	3.9	3.8	3.8	3.9	3.8	4.1	
Some college or associate degree														
Civilian labor force.....	35,761	35,595	35,910	35,793	35,419	35,440	35,752	35,550	35,822	35,985	35,574	35,836	35,809	
Participation rate.....	62.5	62.8	63.3	63.1	62.7	63.4	63.3	62.7	62.7	63.5	62.9	62.9	62.3	
Employed.....	33,435	33,482	33,804	34,075	34,056	34,222	34,614	34,524	34,729	34,890	34,498	34,738	34,727	
Employment-population ratio.....	58.5	59.1	59.6	60.1	60.3	61.3	61.3	60.9	60.8	61.6	61.0	61.0	60.4	
Unemployed.....	2,325	2,113	2,106	1,719	1,364	1,218	1,138	1,027	1,093	1,095	1,077	1,097	1,082	
Unemployment rate.....	6.5	5.9	5.9	4.8	3.8	3.4	3.2	2.9	3.1	3.0	3.0	3.1	3.0	
Bachelor's degree and higher²														
Civilian labor force.....	59,769	60,792	60,643	60,654	61,210	61,909	62,025	63,426	63,205	63,313	64,149	64,422	64,417	
Participation rate.....	72.1	72.1	72.3	72.0	72.2	72.8	73.1	72.9	72.7	72.8	73.2	73.4	72.6	
Employed.....	57,331	58,459	58,613	58,949	59,833	60,596	60,780	62,220	61,969	62,027	62,876	63,049	63,052	
Employment-population ratio.....	69.2	69.4	69.9	70.0	70.5	71.2	71.7	71.5	71.3	71.3	71.8	71.8	71.1	
Unemployed.....	2,438	2,333	2,030	1,705	1,377	1,313	1,244	1,205	1,236	1,286	1,273	1,373	1,365	
Unemployment rate.....	4.1	3.8	3.3	2.8	2.2	2.1	2.0	1.9	2.0	2.0	2.0	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: 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.