

Adjustments to Household Survey Population Estimates in January 2017

Household survey data beginning in January 2017 reflect updated population estimates, also referred to as population controls. These are independent estimates of population used to weight the household survey sample results to reflect the civilian noninstitutional population age 16 and older.

The U.S. Census Bureau develops the population estimates for the household survey. Each year, the Census Bureau adjusts the estimates to include the latest information about population change and to incorporate any improvements in the estimation methodology.

The population adjustments incorporated with household survey data for January 2017 reflect updated birth and death statistics, new estimates of net international migration, and methodological improvements to the estimation process.

This year, the Census Bureau's methodological improvements included changes in the estimation of the foreign-born emigration subcomponent of net international migration. These method changes resulted in higher foreign-born emigration and lower overall net international migration than previously estimated. See the [Vintage 2016 Methodology release notes and documentation on the Census Bureau's website](#) for additional information.

Questions about the population estimates and the methodology used to develop them should be directed to the Census Bureau using the contact information found at www.census.gov/about/contact-us.html.

Following usual Bureau of Labor Statistics practice, official household survey estimates for December 2016 and earlier months were not revised.

To show the impact on the labor force data, the Bureau of Labor Statistics uses special tabulations of December data that incorporate the new population controls.

When applied to December 2016, the updated controls decreased the estimated size of the civilian noninstitutional population 16 years and over by 831,000, the civilian labor force by 508,000, employment by 487,000, unemployment by 21,000, and the number of persons not in the labor force by 323,000. The total unemployment rate, the labor force participation rate, and the employment-population ratio were not affected. See the accompanying table for the population control adjustment effects on labor force series for key demographic groups.

Employment status of the population for selected labor force groups, not seasonally adjusted, December 2016 (2017 population adjustment effect)

(Numbers in thousands)

Employment status, age, sex, race, and Hispanic or Latino ethnicity	As published	Based on updated population controls	Difference
TOTAL			
Civilian noninstitutional population.....	254,742	253,911	-831
Civilian labor force.....	158,968	158,460	-508
Participation rate.....	62.4	62.4	0.0
Employed.....	151,798	151,311	-487
Employment-population ratio.....	59.6	59.6	0.0
Unemployed.....	7,170	7,149	-21
Unemployment rate.....	4.5	4.5	0.0
Not in labor force.....	95,774	95,451	-323
Men, 16 years and over			
Civilian noninstitutional population.....	123,099	122,696	-403
Civilian labor force.....	84,463	84,191	-272
Participation rate.....	68.6	68.6	0.0
Employed.....	80,368	80,108	-260
Employment-population ratio.....	65.3	65.3	0.0
Unemployed.....	4,095	4,083	-12
Unemployment rate.....	4.8	4.8	0.0
Not in labor force.....	38,636	38,505	-131
Men, 20 years and over			
Civilian noninstitutional population.....	114,603	114,216	-387
Civilian labor force.....	81,640	81,372	-268
Participation rate.....	71.2	71.2	0.0
Employed.....	77,984	77,728	-256
Employment-population ratio.....	68.0	68.1	0.1
Unemployed.....	3,656	3,645	-11
Unemployment rate.....	4.5	4.5	0.0
Not in labor force.....	32,963	32,843	-120
Women, 16 years and over			
Civilian noninstitutional population.....	131,643	131,215	-428
Civilian labor force.....	74,505	74,269	-236
Participation rate.....	56.6	56.6	0.0
Employed.....	71,430	71,203	-227
Employment-population ratio.....	54.3	54.3	0.0
Unemployed.....	3,075	3,066	-9
Unemployment rate.....	4.1	4.1	0.0
Not in labor force.....	57,138	56,946	-192

See notes at end of table.

Employment status of the population for selected labor force groups, not seasonally adjusted, December 2016 (2017 population adjustment effect) -- Continued

(Numbers in thousands)

Employment status, age, sex, race, and Hispanic or Latino ethnicity	As published	Based on updated population controls	Difference
Women, 20 years and over			
Civilian noninstitutional population.....	123,383	122,969	-414
Civilian labor force.....	71,794	71,561	-233
Participation rate.....	58.2	58.2	0.0
Employed.....	68,984	68,760	-224
Employment-population ratio.....	55.9	55.9	0.0
Unemployed.....	2,810	2,801	-9
Unemployment rate.....	3.9	3.9	0.0
Not in labor force.....	51,589	51,408	-181
Both sexes, 16 to 19 years			
Civilian noninstitutional population.....	16,756	16,727	-29
Civilian labor force.....	5,534	5,527	-7
Participation rate.....	33.0	33.0	0.0
Employed.....	4,831	4,824	-7
Employment-population ratio.....	28.8	28.8	0.0
Unemployed.....	704	703	-1
Unemployment rate.....	12.7	12.7	0.0
Not in labor force.....	11,221	11,200	-21
WHITE			
Civilian noninstitutional population.....	198,845	198,376	-469
Civilian labor force.....	124,081	123,804	-277
Participation rate.....	62.4	62.4	0.0
Employed.....	118,992	118,728	-264
Employment-population ratio.....	59.8	59.8	0.0
Unemployed.....	5,090	5,077	-13
Unemployment rate.....	4.1	4.1	0.0
Not in labor force.....	74,764	74,572	-192
BLACK OR AFRICAN AMERICAN			
Civilian noninstitutional population.....	32,105	32,029	-76
Civilian labor force.....	19,779	19,735	-44
Participation rate.....	61.6	61.6	0.0
Employed.....	18,307	18,266	-41
Employment-population ratio.....	57.0	57.0	0.0
Unemployed.....	1,472	1,469	-3
Unemployment rate.....	7.4	7.4	0.0
Not in labor force.....	12,327	12,293	-34

See notes at end of table.

Employment status of the population for selected labor force groups, not seasonally adjusted, December 2016 (2017 population adjustment effect) -- Continued

(Numbers in thousands)

Employment status, age, sex, race, and Hispanic or Latino ethnicity	As published	Based on updated population controls	Difference
ASIAN			
Civilian noninstitutional population.....	15,433	15,175	-258
Civilian labor force.....	9,681	9,513	-168
Participation rate.....	62.7	62.7	0.0
Employed.....	9,428	9,264	-164
Employment-population ratio.....	61.1	61.0	-0.1
Unemployed.....	253	249	-4
Unemployment rate.....	2.6	2.6	0.0
Not in labor force.....	5,752	5,662	-90
HISPANIC OR LATINO ETHNICITY			
Civilian noninstitutional population.....	41,190	40,838	-352
Civilian labor force.....	27,032	26,788	-244
Participation rate.....	65.6	65.6	0.0
Employed.....	25,450	25,220	-230
Employment-population ratio.....	61.8	61.8	0.0
Unemployed.....	1,582	1,568	-14
Unemployment rate.....	5.9	5.9	0.0
Not in labor force.....	14,158	14,049	-109

NOTE: 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.