

Adjustments to Household Survey Population Estimates in January 2023

Household survey data beginning in January 2023 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. (Additional information about household survey population controls, including adjustments for prior years, is available in the [Current Population Survey technical documentation](#).)

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 2023 reflect the blended 2020 population base, which combines population totals from the 2020 Census and demographic characteristics from other sources. The January 2023 adjustments reflect updated birth and death statistics; new estimates of net international migration, which reflect recent increased [international migration](#); and methodological improvements. The majority of the overall population level change is due to the increase in net international migration in this year's adjustment, which follows reduced international migration due to the pandemic. However, other changes in the characteristics of the population are due to methodological improvements to the blended base.

For additional information, see the Census Bureau's [Vintage 2022 Methodology and Release Notes documentation](#). Questions about the population estimates and the methodology used to develop them should be directed to the [Census Bureau](#).

In addition, effective with data for January 2023, household survey estimates for veterans incorporate population controls derived from a new Department of Veterans Affairs Veteran Population Projection Model (VetPop2020). Information about the [Veteran Population Projection Model](#) is available from the Department of Veterans Affairs.

Following usual Bureau of Labor Statistics (BLS) practice, official household survey estimates for December 2022 and earlier months were not revised; consequently, household survey data for January 2023 will not be directly comparable with data for December 2022 or earlier periods.

To evaluate the impact of population control adjustments on key labor force data, BLS produces special tabulations of December data that incorporate the new population controls. The difference between the special tabulations and the official December estimates (not seasonally adjusted) shows the effect of the adjustment. The adjustment effect may be either positive or negative.

See the accompanying table for the latest population control adjustment effects to the major labor force series, based on not seasonally adjusted data for December 2022. A [supplemental table](#) that shows population control adjustment effects for additional series is also available.

Employment status of the population for selected labor force groups, not seasonally adjusted, December 2022 (2023 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.....	264,844	265,798	954
Civilian labor force.....	164,224	165,095	871
Participation rate.....	62.0	62.1	0.1
Employed.....	158,872	159,682	810
Employment-population ratio.....	60.0	60.1	0.1
Unemployed.....	5,352	5,412	60
Unemployment rate.....	3.3	3.3	0.0
Not in labor force.....	100,621	100,703	82
Men, 16 years and over			
Civilian noninstitutional population.....	129,050	129,919	869
Civilian labor force.....	87,251	88,108	857
Participation rate.....	67.6	67.8	0.2
Employed.....	84,304	85,116	812
Employment-population ratio.....	65.3	65.5	0.2
Unemployed.....	2,947	2,992	45
Unemployment rate.....	3.4	3.4	0.0
Not in labor force.....	41,799	41,812	13
Men, 20 years and over			
Civilian noninstitutional population.....	120,360	121,213	853
Civilian labor force.....	84,262	85,120	858
Participation rate.....	70.0	70.2	0.2
Employed.....	81,589	82,402	813
Employment-population ratio.....	67.8	68.0	0.2
Unemployed.....	2,673	2,718	45
Unemployment rate.....	3.2	3.2	0.0
Not in labor force.....	36,098	36,093	-5
Women, 16 years and over			
Civilian noninstitutional population.....	135,795	135,879	84
Civilian labor force.....	76,973	76,987	14
Participation rate.....	56.7	56.7	0.0
Employed.....	74,568	74,566	-2
Employment-population ratio.....	54.9	54.9	0.0
Unemployed.....	2,405	2,421	16
Unemployment rate.....	3.1	3.1	0.0
Not in labor force.....	58,821	58,892	71

See notes at end of table.

Employment status of the population for selected labor force groups, not seasonally adjusted, December 2022 (2023 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.....	127,345	127,469	124
Civilian labor force.....	73,981	74,013	32
Participation rate.....	58.1	58.1	0.0
Employed.....	71,843	71,858	15
Employment-population ratio.....	56.4	56.4	0.0
Unemployed.....	2,138	2,155	17
Unemployment rate.....	2.9	2.9	0.0
Not in labor force.....	53,365	53,457	92
Both sexes, 16 to 19 years			
Civilian noninstitutional population.....	17,139	17,116	-23
Civilian labor force.....	5,981	5,962	-19
Participation rate.....	34.9	34.8	-0.1
Employed.....	5,439	5,422	-17
Employment-population ratio.....	31.7	31.7	0.0
Unemployed.....	541	540	-1
Unemployment rate.....	9.1	9.1	0.0
Not in labor force.....	11,158	11,154	-4
WHITE			
Civilian noninstitutional population.....	203,684	203,993	309
Civilian labor force.....	125,934	126,299	365
Participation rate.....	61.8	61.9	0.1
Employed.....	122,301	122,636	335
Employment-population ratio.....	60.0	60.1	0.1
Unemployed.....	3,633	3,663	30
Unemployment rate.....	2.9	2.9	0.0
Not in labor force.....	77,750	77,694	-56
BLACK OR AFRICAN AMERICAN			
Civilian noninstitutional population.....	34,301	34,454	153
Civilian labor force.....	21,278	21,446	168
Participation rate.....	62.0	62.2	0.2
Employed.....	20,146	20,295	149
Employment-population ratio.....	58.7	58.9	0.2
Unemployed.....	1,132	1,152	20
Unemployment rate.....	5.3	5.4	0.1
Not in labor force.....	13,023	13,008	-15

See notes at end of table.

Employment status of the population for selected labor force groups, not seasonally adjusted, December 2022 (2023 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.....	17,005	17,442	437
Civilian labor force.....	10,890	11,181	291
Participation rate.....	64.0	64.1	0.1
Employed.....	10,650	10,932	282
Employment-population ratio.....	62.6	62.7	0.1
Unemployed.....	241	249	8
Unemployment rate.....	2.2	2.2	0.0
Not in labor force.....	6,115	6,261	146
HISPANIC OR LATINO ETHNICITY			
Civilian noninstitutional population.....	46,624	46,915	291
Civilian labor force.....	30,872	31,161	289
Participation rate.....	66.2	66.4	0.2
Employed.....	29,594	29,865	271
Employment-population ratio.....	63.5	63.7	0.2
Unemployed.....	1,278	1,297	19
Unemployment rate.....	4.1	4.2	0.1
Not in labor force.....	15,752	15,754	2

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.