



U.S. BUREAU OF LABOR STATISTICS

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## Economic News Release

### Consumer Price Index Summary

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#### CONSUMER PRICE INDEX - SEPTEMBER 2025

The Consumer Price Index for All Urban Consumers (CPI-U) increased 0.3 percent on a seasonally adjusted basis in September, after rising 0.4 percent in August, the U.S. Bureau of Labor Statistics reported today. Over the last 12 months, the all items index increased 3.0 percent before seasonal adjustment. Note that September CPI data collection was completed before the lapse in appropriations.

The index for gasoline rose 4.1 percent in September and was the largest factor in the all items monthly increase, as the index for energy rose 1.5 percent over the month. The food index increased 0.2 percent over the month as the food at home index rose 0.3 percent and the food away from home index increased 0.1 percent.

The index for all items less food and energy rose 0.2 percent in September, after rising 0.3 percent in each of the 2 preceding months. Indexes that increased over the month include shelter, airline fares, recreation, household furnishings and operations, and apparel. The indexes for motor vehicle insurance, used cars and trucks, and communication were among the few major indexes that decreased in September.

The all items index rose 3.0 percent for the 12 months ending September, after rising 2.9 percent over the 12 months ending August. The all items less food and energy index also rose 3.0 percent over the last 12 months. The energy index increased 2.8 percent for the 12 months ending September. The food index increased 3.1 percent over the last year.

**Table A. Percent changes in CPI for All Urban Consumers (CPI-U): U.S. city average**

	Seasonally adjusted changes from preceding month							Un-adjusted 12-mos. ended Sep. 2025
	Mar. 2025	Apr. 2025	May 2025	Jun. 2025	Jul. 2025	Aug. 2025	Sep. 2025	
<b>All items</b>	-0.1	0.2	0.1	0.3	0.2	0.4	0.3	3.0
<b>Food</b>	0.4	-0.1	0.3	0.3	0.0	0.5	0.2	3.1
Food at home	0.5	-0.4	0.3	0.3	-0.1	0.6	0.3	2.7
Food away from home <sup>(1)</sup>	0.4	0.4	0.3	0.4	0.3	0.3	0.1	3.7
<b>Energy</b>	-2.4	0.7	-1.0	0.9	-1.1	0.7	1.5	2.8
Energy commodities	-6.1	-0.2	-2.4	1.0	-1.9	1.7	3.8	-0.4
Gasoline (all types)	-6.3	-0.1	-2.6	1.0	-2.2	1.9	4.1	-0.5
Fuel oil	-4.2	-1.3	0.9	1.3	1.8	-0.3	0.6	4.1
Energy services	1.6	1.5	0.4	0.9	-0.3	-0.2	-0.7	6.4
Electricity	0.9	0.8	0.9	1.0	-0.1	0.2	-0.5	5.1
Utility (piped) gas service	3.6	3.7	-1.0	0.5	-0.9	-1.6	-1.2	11.7
<b>All items less food and energy</b>	0.1	0.2	0.1	0.2	0.3	0.3	0.2	3.0
<b>Commodities less food and energy commodities</b>	-0.1	0.1	0.0	0.2	0.2	0.3	0.2	1.5
New vehicles	0.1	0.0	-0.3	-0.3	0.0	0.3	0.2	0.8
Used cars and trucks	-0.7	-0.5	-0.5	-0.7	0.5	1.0	-0.4	5.1
Apparel	0.4	-0.2	-0.4	0.4	0.1	0.5	0.7	-0.1
Medical care commodities <sup>(1)</sup>	-1.1	0.4	0.6	0.1	0.1	-0.3	-0.1	0.7
<b>Services less energy services</b>	0.1	0.3	0.2	0.3	0.4	0.3	0.2	3.5
Shelter	0.2	0.3	0.3	0.2	0.2	0.4	0.2	3.6
Transportation services	-1.4	0.1	-0.2	0.2	0.8	1.0	0.3	2.5
Medical care services	0.5	0.5	0.2	0.6	0.8	-0.1	0.3	3.9
<b>Footnotes</b>								
<sup>(1)</sup> Not seasonally adjusted.								

#### Food

The index for food rose 0.2 percent in September, after rising 0.5 percent in August. The food at home index increased 0.3 percent over the month. Four of the six major grocery store food group indexes increased in September. The index for other food at home rose 0.5 percent over the month after rising 0.1 percent in August. The cereals and bakery products index and the nonalcoholic beverages index both increased 0.7 percent in September. The index for meats, poultry, fish, and eggs rose 0.3 percent over the month following a 1.0-percent increase in August.

The dairy and related products index declined 0.5 percent in September as the cheese and related products index decreased 0.7 percent. The index for fruits and vegetables was unchanged over the month.

The food away from home index rose 0.1 percent in September. The index for limited service meals rose 0.2 percent over the month while the index for full service meals was unchanged.

The index for food at home rose 2.7 percent over the 12 months ending in September, as it did over the 12 months ending in August. The meats, poultry, fish, and eggs index rose 5.2 percent over the last 12 months. The index for nonalcoholic beverages increased 5.3 percent over the same period and the index for other food at home rose 1.9 percent. The cereals and bakery products index increased 1.6 percent over the 12 months ending in September. The index for fruits and vegetables rose 1.3 percent and the index for dairy and related products increased 0.7 percent over the same period.

The food away from home index rose 3.7 percent over the last year. The index for full service meals rose 4.2 percent and the index for limited service meals rose 3.2 percent over the same period.

#### Energy

The index for energy increased 1.5 percent in September, after rising 0.7 percent in August. The gasoline index increased 4.1 percent over the month. (Before seasonal adjustment, gasoline prices increased 1.1 percent in September.) The index for electricity decreased 0.5 percent over the month and the index for natural gas decreased 1.2 percent over the same period.

The index for energy increased 2.8 percent over the past 12 months. The electricity index increased 5.1 percent over the 12 months ending in September and the natural gas index rose 11.7 percent. In contrast, the index for gasoline fell 0.5 percent over this 12-month span.

#### All items less food and energy

The index for all items less food and energy rose 0.2 percent in September, after rising 0.3 percent in each of the preceding 2 months. The shelter index increased 0.2 percent over the month. The index for owners' equivalent rent rose 0.1 percent in September, the smallest 1-month increase in that index since January 2021. The rent index increased 0.2 percent over the month. The index for lodging away from home rose 1.3 percent in September.

The index for airline fares increased 2.7 percent over the month, after rising 5.9 percent in August. The recreation index rose 0.4 percent in September as did the household furnishings and operations index. The index for apparel rose 0.7 percent over the month and the index for personal care increased 0.4 percent. The new vehicles index rose 0.2 percent in September.

The motor vehicle insurance index declined 0.4 percent in September, after being unchanged in August. The index for used cars and trucks also decreased 0.4 percent over the month and the index for communication declined 0.2 percent.

The medical care index increased 0.2 percent over the month, after declining 0.2 percent in August. The index for hospital services increased 0.3 percent over the month, as did the index for prescription drugs. The dental services index decreased 0.6 percent in September and the physicians' services index declined 0.1 percent.

The index for all items less food and energy rose 3.0 percent over the past 12 months. The shelter index increased 3.6 percent over the last year. Other indexes with notable increases over the last year include medical care (+3.3 percent), household furnishings and operations (+4.1 percent), recreation (+3.0 percent), and used cars and trucks (+5.1 percent).

#### Not seasonally adjusted CPI measures

The Consumer Price Index for All Urban Consumers (CPI-U) increased 3.0 percent over the last 12 months to an index level of 324.800 (1982-84=100). For the month, the index increased 0.3 percent prior to seasonal adjustment.

The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) increased 2.9 percent over the last 12 months to an index level of 318.139 (1982-84=100). For the month, the index increased 0.3 percent prior to seasonal adjustment.

The Chained Consumer Price Index for All Urban Consumers (C-CPI-U) increased 2.9 percent over the last 12 months. For the month, the index increased 0.3 percent on a not seasonally adjusted basis. Please note that the indexes for the past 10 to 12 months are subject to revision.

#### BLS staff availability on October 24, 2025

Due to the lapse in appropriations, BLS press office staff will be available to answer questions about September 2025 CPI data only until noon (ET) today, October 24, 2025. The press office can be reached at [PressOffice@bls.gov](mailto:PressOffice@bls.gov).

The Cost-of-Living Adjustment (COLA) for 2026 is announced by the Social Security Administration (SSA). Visit [www.ssa.gov](http://www.ssa.gov) for more information.

#### Changes to the health insurance index

With the next release of CPI data, the Bureau of Labor Statistics (BLS) will remove long-term care (LTC) insurance from the health insurance index. Changes in the market for LTC insurance have made it out of scope and ineligible for pricing in the CPI market basket.

#### Technical Note

##### Brief Explanation of the CPI

The Consumer Price Index (CPI) measures the change in prices paid by consumers for goods and services. The CPI reflects spending patterns for each of two population groups: all urban consumers and urban wage earners and clerical workers. The all urban consumer group represents over 90 percent of the total

U.S. population. It is based on the expenditures of almost all residents of urban or metropolitan areas, including professionals, the self-employed, the poor, the unemployed, and retired people, as well as urban wage earners and clerical workers. Not included in the CPI are the spending patterns of people living in rural nonmetropolitan areas, farming families, people in the Armed Forces, and those in institutions, such as prisons and mental hospitals. Consumer inflation for all urban consumers is measured by two indexes, namely, the Consumer Price Index for All Urban Consumers (CPI-U) and the Chained Consumer Price Index for All Urban Consumers (C-CPI-U). The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is based on the expenditures of households included in the CPI-U definition that meet two requirements: more than one-half of the household's income must come from clerical or wage occupations, and at least one of the household's earners must have been employed for at least 37 weeks during the previous 12 months. The CPI-W population represents approximately 30 percent of the total U.S. population and is a subset of the CPI-U population.

The CPIs are based on prices of food, clothing, shelter, fuels, transportation, doctors' and dentists' services, drugs, and other goods and services that people buy for day-to-day living. Prices are collected each month in 75 urban areas across the country from about 6,000 housing units and approximately 22,000 retail establishments (department stores, supermarkets, hospitals, filling stations, and other types of stores and service establishments). All taxes directly associated with the purchase and use of items are included in the index. Prices of fuels and a few other items are obtained every month in all 75 locations. Prices of most other commodities and services are collected every month in the three largest geographic areas and every other month in other areas. Prices of most goods and services are obtained by personal visit, telephone call, web, or app collection by the Bureau's trained representatives.

In calculating the index, price changes for the various items in each location are aggregated using weights, which represent their importance in the spending of the appropriate population group. Local data are then combined to obtain a U.S. city average. For the CPI-U and CPI-W, separate indexes are also published by size of city, by region of the country, for cross-classifications of regions and population-size classes, and for 23 selected local areas. Area indexes do not measure differences in the level of prices among cities; they only measure the average change in prices for each area since the base period. For the C-CPI-U, data are issued only at the national level. The CPI-U and CPI-W are considered final when released, but the C-CPI-U is issued in preliminary form and subject to three subsequent quarterly revisions.

The index measures price change from a designed reference date. For most of the CPI-U and the CPI-W, the reference base is 1982-84 equals 100. The reference base for the C-CPI-U is December 1999 equals 100. An increase of 7 percent from the reference base, for example, is shown as 107.000. Alternatively, that relationship can also be expressed as the price of a base period market basket of goods and services rising from \$100 to \$107.

#### Sampling Error in the CPI

The CPI is a statistical estimate that is subject to sampling error because it is based upon a sample of retail prices and not the complete universe of all prices. BLS calculates and publishes estimates of the 1-month, 2-month, 6-month, and 12-month percent change standard errors annually for the CPI-U. These standard error estimates can be used to construct confidence intervals for hypothesis testing. For example, the estimated standard error of the 1-month percent change is 0.03 percent for the U.S. all items CPI. This means that if we repeatedly sample from the universe of all retail prices using the same methodology, and estimate a percentage change for each sample, then 95 percent of these estimates will be within 0.06 percent of the 1-month percentage change based on all retail prices. For example, for a 1-month change of 0.2 percent in the all items CPI-U, we are 95 percent confident that the actual percent change based on all retail prices would fall between 0.14 and 0.26 percent. For the latest data, including information on how to use the estimates of standard error, see [www.bls.gov/cpi/tables/variance-estimates/home.htm](http://www.bls.gov/cpi/tables/variance-estimates/home.htm).

#### Calculating Index Changes

Movements of the indexes from 1 month to another are usually expressed as percent changes rather than changes in index points, because index point changes are affected by the level of the index in relation to its base period, while percent changes are not. The following table shows an example of using index values to calculate percent changes:

	Item A	Item B	Item C
Year I	112.500	225.000	110.000
Year II	121.500	243.000	128.000
Change in index points	9.000	18.000	18.000
Percent change	$9.0/112.500 \times 100 = 8.0$	$18.0/225.000 \times 100 = 8.0$	$18.0/110.000 \times 100 = 16.4$

#### Use of Seasonally Adjusted and Unadjusted Data

The Consumer Price Index (CPI) program produces both unadjusted and seasonally adjusted data. Seasonally adjusted data are computed using seasonal factors derived by the X-13ARIMA-SEATS seasonal adjustment method. These factors are updated each February, and the new factors are used to revise the previous 5 years of seasonally adjusted data. The factors are available at [www.bls.gov/cpi/tables/seasonal-adjustment/seasonal-factors-2025.xlsx](http://www.bls.gov/cpi/tables/seasonal-adjustment/seasonal-factors-2025.xlsx). For more information on data revision scheduling, please see the Factsheet on Seasonal Adjustment at [www.bls.gov/cpi/seasonal-adjustment/questions-and-answers.htm](http://www.bls.gov/cpi/seasonal-adjustment/questions-and-answers.htm) and the Timeline of Seasonal Adjustment Methodological Changes at [www.bls.gov/cpi/seasonal-adjustment/timeline-seasonal-adjustment-methodology-changes.htm](http://www.bls.gov/cpi/seasonal-adjustment/timeline-seasonal-adjustment-methodology-changes.htm).

#### How to Use Seasonally Adjusted and Unadjusted Data

For analyzing short-term price trends in the economy, seasonally adjusted changes are usually preferred since they eliminate the effect of changes that normally occur at the same time and in about the same magnitude every year—such as price movements resulting from weather events, production cycles, model changeovers, holidays, and sales. This allows data users to focus on changes that are not typical for the time of year.

The unadjusted data are of primary interest to consumers concerned about the prices they actually pay. Unadjusted data are also used extensively for escalation purposes. Many collective bargaining contract agreements and pension plans, for example, tie compensation changes to the Consumer Price Index before adjustment for seasonal variation. BLS advises against the use of seasonally adjusted data in escalation agreements because seasonally adjusted series are revised annually for five years.

## Intervention Analysis

The Bureau of Labor Statistics uses intervention analysis seasonal adjustment (IASA) for some CPI series. Sometimes extreme values or sharp movements can distort the underlying seasonal pattern of price change. Intervention analysis seasonal adjustment is a process by which the distortions caused by such unusual events are estimated and removed from the data prior to calculation of seasonal factors. The resulting seasonal factors, which more accurately represent the seasonal pattern, are then applied to the unadjusted data.

For example, this procedure was used for the motor fuel series to offset the effects of the 2009 return to normal pricing after the worldwide economic downturn in 2008. Retaining this outlier data during seasonal factor calculation would distort the computation of the seasonal portion of the time series data for motor fuel, so it was estimated and removed from the data prior to seasonal adjustment. Following that, seasonal factors were calculated based on this "prior adjusted" data. These seasonal factors represent a clearer picture of the seasonal pattern in the data. The last step is for motor fuel seasonal factors to be applied to the unadjusted data.

For the seasonal factors introduced for January 2025, BLS adjusted 63 series using intervention analysis seasonal adjustment, including selected food and beverage items, motor fuels and vehicles.

## Revision of Seasonally Adjusted Indexes

Seasonally adjusted data, including the U.S. city average all items index levels, are subject to revision for up to 5 years after their original release. Every year, economists in the CPI calculate new seasonal factors for seasonally adjusted series and apply them to the last 5 years of data. Seasonally adjusted indexes beyond the last 5 years of data are considered to be final and not subject to revision. For January 2025, revised seasonal factors and seasonally adjusted indexes for 2020 to 2024 were calculated and published. For series which are directly adjusted using the Census X-13ARIMA-SEATS seasonal adjustment software, the seasonal factors for 2024 will be applied to data for 2025 to produce the seasonally adjusted 2025 indexes. Series which are indirectly seasonally adjusted by summing seasonally adjusted component series have seasonal factors which are derived and are therefore not available in advance.

## Determining Seasonal Status

Each year the seasonal status of every series is reevaluated based upon certain statistical criteria. Using these criteria, BLS economists determine whether a series should change its status from "not seasonally adjusted" to "seasonally adjusted", or vice versa. If any of the 81 components of the U.S. city average all items index change their seasonal adjustment status from seasonally adjusted to not seasonally adjusted, not seasonally adjusted data will be used in the aggregation of the dependent series for the last 5 years, but the seasonally adjusted indexes before that period will not be changed. For 2025, 34 of the 81 components of the U.S. city average all items index are not seasonally adjusted.

## Contact Information

For additional information about the CPI visit [www.bls.gov/cpi](http://www.bls.gov/cpi) or contact the CPI Information and Analysis Section at 202-691-7000 or [cpi\\_info@bls.gov](mailto:cpi_info@bls.gov).

For additional information on seasonal adjustment in the CPI visit [www.bls.gov/cpi/seasonal-adjustment/home.htm](http://www.bls.gov/cpi/seasonal-adjustment/home.htm)

If you are deaf, hard of hearing, or have a speech disability, please dial 7-1-1 to access telecommunications relay services.

- [Table 1. Consumer Price Index for All Urban Consumers \(CPI-U\): U.S. city average, by expenditure category](#)
- [Table 2. Consumer Price Index for All Urban Consumers \(CPI-U\): U.S. city average, by detailed expenditure category](#)
- [Table 3. Consumer Price Index for All Urban Consumers \(CPI-U\): U.S. city average, special aggregate indexes](#)
- [Table 4. Consumer Price Index for All Urban Consumers \(CPI-U\): Selected areas, all items index](#)
- [Table 5. Chained Consumer Price Index for All Urban Consumers \(C-CPI-U\) and the Consumer Price Index for All Urban Consumers \(CPI-U\): U.S. city average, all items index](#)
- [Table 6. Consumer Price Index for All Urban Consumers \(CPI-U\): U.S. city average, by expenditure category, 1-month analysis table](#)
- [Table 7. Consumer Price Index for All Urban Consumers \(CPI-U\): U.S. city average, by expenditure category, 12-month analysis table](#)
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