Sunday Market Intelligence

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Special feature: Inflation: Why life feels expensive. News cutoff: 6:15 AM Eastern Standard Time, November 1. Latest U.S. market session: Friday, October 30. Near-term outlook: November 1-29, 2026. Six-month strategic review and one-, three- and five-year inflation scenarios are separately labeled.

Executive synthesis

The economy is expanding, but household relief and financial-market strength are not moving together. U.S. third-quarter output grew at a 3.4% annualized rate, while the Fed kept rates at 3.75%-4.00% and Canada raised its policy rate to 2.50%. Those decisions put today's central question in focus: can supply improve enough to ease inflation without requiring a damaging contraction in spending? [M1-M3]

Our feature explains why slowing inflation does not restore yesterday's prices. Earlier increases remain embedded in bills; housing and services adjust slowly; energy and trade shocks can renew pressure. Relief is therefore likely to be uneven. Fuel and some goods can become cheaper, while rents and many services are more likely to rise more slowly. Historical episodes help distinguish supply-led improvement from a recession that reduces prices by destroying demand.

The near-term assessment is selective and volatile, with downside risk unusually close to the central case: Base 47%, Bull 13%, Bear 40%. These probabilities describe the next two to four weeks. The six-month perspective addresses the longer investment cycle, while the inflation feature explores possible paths over one, three and five years.

Current Signal Board

Domain	Observation	Interpretation
Growth	Q3 real GDP +3.4% annualized; private domestic final sales +4.9%. [M1]	Demand is resilient; annualized quarterly growth is not year-over-year growth.
Monetary policy	Fed hold at 3.75%-4.00%; Canada raised to 2.50%. [M2-M3]	Inflation restraint persists; central banks did not all hold.
Equities	Friday S&P 7,580.07; Nasdaq 25,437.00; Dow 51,770.31. [M5]	Latest session, not Sunday trading. Technology weakness contrasts with broader rotation.
Energy	Friday WTI Dec $104.12; Brent Jan $113.43; expired Brent Dec $117.64. [M5]	Do not mistake the contract switch for falling oil prices.
Physical economy	China manufacturing survey 49.3; semiconductor capacity constraints reported. [M5]	Weak broad demand can coexist with bottlenecks in AI supply chains.
Households	Higher accumulated prices; financing and recurring bills remain important.	Lower inflation alone does not establish restored purchasing power.

Key developments

1 Growth and inflation restraint coexist

The GDP release shows investment and domestic spending supporting growth. The Fed nevertheless held policy steady, with two dissenters preferring an increase. Canada raised rates to reduce the danger that continuing energy costs spread into other prices. Taken together, these are evidence of an economy with persistent cost pressure, not proof that recession is imminent. The implication is that lower borrowing costs cannot be assumed simply because a particular inflation reading improves. [M1-M3]

2 Energy remains the bridge between geopolitics and the household budget

Reuters reports an OPEC+ agreement in principle to keep December production targets unchanged. Its formal meeting was scheduled after the evidence cutoff, so no subsequent decision is included here. An unchanged quota does not itself repair shipping disruption or restore missing exports. We distinguish verified disruption from attacks claimed by combatants; unconfirmed refinery damage is not treated as lost production. [M5-M6]

3 The technology cycle is being tested by its financing and delivery costs

Industry reporting describes continued AI investment alongside semiconductor packaging constraints and a sharp technology selloff. Spending commitments are not the same as realized revenue, and a supplier described as sold out does not necessarily have every future unit under a binding contract. The economic question is whether funded orders become delivered equipment and profitable services fast enough to support the capital committed. A market correction can occur even if adoption continues. [M9]

4 Global demand and supply pressures diverge

China's October manufacturing survey registered 49.3, below the 50 dividing line, while high-tech manufacturing remained above it. A survey below 50 indicates a preponderance of deterioration, not a measured percentage fall in output. Meanwhile, the reported West Coast port negotiation extension reduces an immediate disruption risk without settling the underlying dispute. These offsets argue against reducing the outlook to a single inflation or growth headline. [M7-M8]

5 Michigan is an additional economic sensor

Reporting on Michigan describes GM's hybrid investment plans and supplier employment pressures alongside stronger share performance for some automakers. Financial-market optimism and factory-level strain can coexist. For the Detroit-Windsor economy, investment timing, tariff costs and supplier cash flow matter more than assuming one company's stock rally represents every employer. The sector remains a useful test of whether household affordability and industrial spending are improving together. [M10]

The broader pattern and the prior two to four weeks

The market record shows the Nasdaq down about 2% for the week and 5.3% in October, while the Dow gained about 1.7% over the month and smaller companies performed better during the latest week. These are different windows, not interchangeable comparisons. The pattern suggests a reassessment of concentrated technology exposure rather than uniform weakness in every market segment. [M5]

The physical economy supplies a useful contradiction: robust investment and selected capacity shortages sit beside weak confidence and pressure on discretionary spending. Capacity that solves tomorrow's shortage can increase today's demand for power, labor and financing. That is why a productive investment boom can

initially add inflation pressure before lowering costs.

Our interpretation is that the transition remains incomplete. An economy can grow while its distribution of gains becomes less comfortable for households and less forgiving for highly valued assets. The coming data should distinguish continued expansion under restraint from a broader demand slowdown. The feature that follows supplies the historical and household context for that judgment.

Base Bull Bear outlook for the next two to four weeks

November 1-29, 2026 | Probabilities are judgment-based estimates

Scenario	Weight	Confirmation and invalidation
Base	47%	Uneven, range-bound markets; growth persists under restrictive policy. Confirm with resilient activity and no sustained physical energy disruption. Invalidate with broad funding or demand deterioration, or sustained relief across energy and inflation.
Bull	13%	Energy de-escalation and cooling costs support broader earnings and easier expected policy. Confirm with improved flows and market breadth alongside stable employment. Invalidate if relief is only a contract-roll illusion or inflation pressure broadens.
Bear	40%	Verified energy supply loss, financing stress or inflation forcing a harsher policy response. Confirm through physical flows, credit events and weaker activity, not claim volume alone. Invalidate through sustained supply normalization and resilient cash generation.

The probabilities sum to 100% and are unchanged from October 31. The largest weight is below 50%: Base is the most likely single scenario, not an outcome regarded as more likely than all alternatives combined. Markets being closed does not prevent meaningful weekend evidence from changing the outlook. The new developments do not establish a decisive shift, but uncertainty remains high. The one-, three- and five-year inflation illustrations have no assigned probabilities and describe a different horizon.

Near-term catalyst calendar

Date	Event	What to learn
Nov 1 after cutoff	OPEC+ formal meeting; U.S. futures evening reopening. [M5]	Decisions and market reactions belong to the next update.
Nov 2	ISM manufacturing; selected technology earnings. [M5]	Whether factory demand and corporate guidance support the growth narrative.
Nov 3	U.S. midterm elections; September JOLTS at 10 AM ET. [M4-M5]	Policy direction and labor demand.
Nov 4	ISM services and reported port-negotiation deadline. [M5]	Service costs and logistics continuity.
Nov 5	Q3 productivity and costs at 8:30 AM ET. [M4]	Whether output per worker is offsetting cost pressure.
Nov 6	October jobs report at 8:30 AM ET. [M4]	Employment, unemployment and wage balance.
Nov 10	October CPI at 8:30 AM ET. [M4]	Breadth and persistence of inflation rather than one headline.

Scheduled events are not known outcomes. Calendar times are Eastern; the daylight-saving change has already occurred. The maritime-fee suspension is scheduled to expire Monday, November 9; an extension remains a proposal unless formally adopted.

Six-month Market Read

Six-month horizon: November 2026 through approximately May 2027

Selective, not bearish. Keep flexibility.

The stance is unchanged, but the margin for disappointment has narrowed. Growth remains resilient and AI investment demand remains substantial. The harder question is whether companies can finance that investment and turn it into cash while energy costs and restrictive monetary policy pressure margins and households.

Six-month scenarios

Scenario	Weight	Six-month path
Base	50%	Expansion continues, but financing costs and uneven earnings keep markets selective. Productive investment gradually adds capacity without delivering immediate, broad price relief.
Bull	15%	Energy and inflation pressure ease, supply becomes more reliable and earnings broaden. Investment begins converting into productive capacity and cash generation.
Bear	35%	Persistent energy disruption or an AI funding accident spreads into credit, spending and investment. Inflation restricts the scope for policy relief.

Compared with the prior six-month distribution of 55% Base, 15% Bull and 30% Bear, five percentage points move from Base to Bear. The bullish conditions have not materialized: inflation has not cooled enough to ease the policy constraint, while the technology selloff and energy risks increased. Yet a confirmed physical supply halt, an AI funding accident or a wave of capital-spending deferrals has not established the full bear case. This supports greater caution without treating a downturn as inevitable. These are judgment-based scenario weights, not measured statistical odds.

What would change the assessment

A stronger outlook would combine easing energy pressure, dependable shipping, stable employment, improving market participation and investment supported by operating cash generation. Softer activity alone would not be enough: it would need to relieve inflation without turning into a damaging contraction. A weaker outlook would involve confirmed supply losses, funding failures, broader project deferrals or sustained deterioration in employment and credit. Watch especially for Treasury yields and the dollar rising together while credit, market breadth and cyclical businesses weaken.

Portfolio review should focus on concentration, cash needs, bond sensitivity to rates and whether businesses generate cash or depend on continual financing. Profitable infrastructure suppliers with funded orders deserve different analysis from speculative beneficiaries of the same theme. A diversified core may reasonably require no change. Falling yields alone do not establish that longer-duration bonds are the appropriate choice.

Keep the horizons distinct: this six-month assessment runs through approximately May 2027. The November 1-29 outlook remains Base 47%, Bull 13%, Bear 40%. The inflation feature explores separate one-, three- and five-year paths without assigned probabilities.

Inflation: Why life feels expensive

Monthly CPI history ends September 2026; complete-year market comparisons end December 2025.

The inflation economy and the sequence that built it

CPI is the Consumer Price Index, a measure of prices paid by urban consumers. PCE is a broader spending-price measure used by the Fed. "Core" means food and energy are excluded to help reveal the underlying pattern; those essentials still count in household budgets. A percentage point measures the difference between rates: a fall from 4% inflation to 3% is one percentage point.

The household problem is bigger than an inflation rate. Prices have risen, financing has become costly, and relief arrives unevenly. A family can hear that inflation has slowed without seeing an affordable home, a smaller grocery bill or an easier monthly budget.

The squeeze has three layers: earlier inflation left prices higher; rents and other recurring costs continue adjusting; and fresh energy and trade disruptions add pressure. Each layer has a different remedy. Restoring oil supply can reverse a fuel spike. More housing takes years to build. Recovering the buying power lost earlier usually requires incomes to catch up.

September US consumer prices rose 3.7% over twelve months and 0.6% during the month, seasonally adjusted. Gasoline accounted for more than half the monthly increase; shelter also increased. These observations identify the latest pressures. They do not establish that today's inflation has the same cause as inflation in 2021. [01]

Three different meanings of relief

Disinflation means prices rise more slowly. Deflation means prices fall. Better affordability means income buys more, or the cost of financing and essential purchases becomes easier to bear. These can move in different directions. In a hypothetical example, a basket rising from $100 to $120 and then experiencing 2% inflation costs $122.40, not $102.

That distinction matters for investors. Falling inflation can support purchasing power and reduce pressure for high interest rates, but a fall caused by collapsing demand has different implications from a fall caused by better supply. An inflation forecast without a growth explanation is incomplete.

The question this feature investigates

How did emergency support, disrupted production, reopening, wars and trade policy interact - and which parts of that sequence are still operating? The timeline that follows distinguishes events from their economic effects. The interpretation is an evidence-based synthesis, not a calculation assigning each policy a precise share of blame.

The setup before the pandemic

Timeline I | Historical comparisons and policy context

1965-1982 | The Great Inflation

Inflation was rising before the 1973 oil embargo. The embargo and the 1979 Iranian energy shock then made an existing problem worse. Policymakers faced an uncomfortable choice: support jobs and risk further price increases, or curb spending and accept weaker employment. Repeated inflation also changed behavior. Businesses and workers increasingly planned around higher future prices, making a temporary improvement harder to sustain. [02]

The eventual cure involved sustained high interest rates and painful recessions. The lesson for today is not that another 1970s outcome is inevitable. It is that repeated supply shocks become more costly when people stop believing prices will stabilize. A durable recovery requires both fewer shortages and confidence that policy will prevent another round of broad price increases. [02]

2007-2009 and the recovery | A different kind of emergency

2008-09 Global Financial Crisis

Falling home prices and mortgage losses damaged banks and confidence. Credit tightened and households and businesses cut spending, weakening demand. The drop in inflation therefore came with serious economic harm, not a painless return to affordability. The unusually slow recovery helps explain why monetary support after that crisis had different consequences from support amid pandemic shortages. [03]

After the financial crisis, banks were damaged, borrowers were cautious and households were paying down debt. The Fed lowered rates and bought bonds to encourage lending and spending, but those steps could not force a worried family to borrow or a weak bank to lend. Recovery was slow. In 2020, by contrast, support helped preserve spending power while shutdowns limited what could be produced. The same policy tool therefore met a different economy. [03,18]

July 2018 | Trade barriers predate COVID

The United States imposed additional 25% duties on an initial group of Chinese imports worth approximately $34 billion, effective July 6. Trade friction was therefore part of the setup before the pandemic. The announced tariff rate was not a 25% rise in the entire consumer price index: its reach depended on covered products, supply chains and the division of costs among firms and buyers. [04]

What changed in 2020

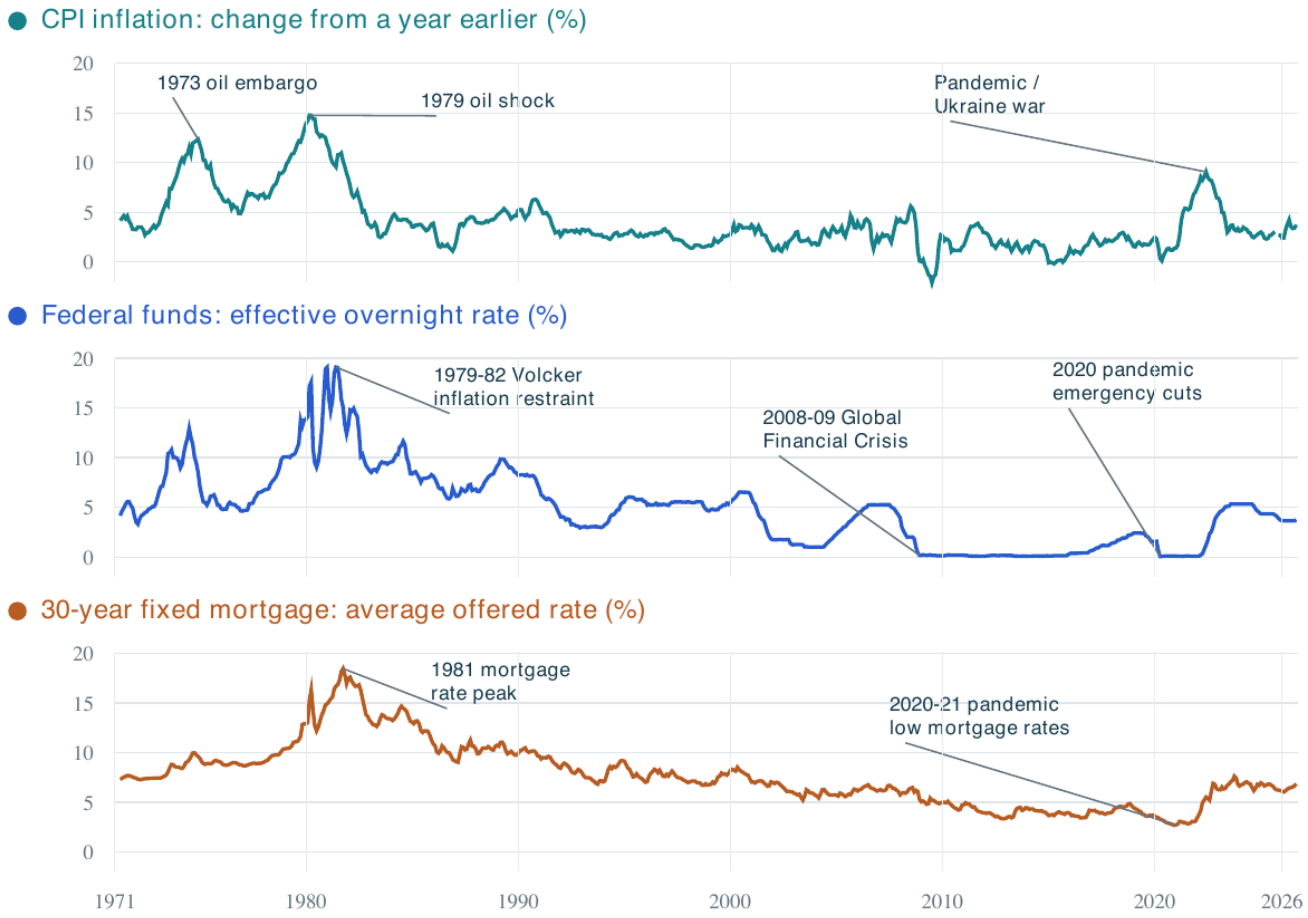
When travel, restaurants and entertainment closed, households redirected spending toward things they could use at home. Producers could not instantly add factories, shipping space or workers to meet the change. A restaurant's unused capacity could not manufacture an extra refrigerator. That mismatch explains how the economy could have idle workers in some sectors and shortages in others at the same time. [16]

This is the first causal distinction to preserve: emergency support helped households and firms survive; its scale, duration and timing could also contribute to spending outrunning available supply. Evaluating the second effect does not require denying the first. Nor does the value of the rescue establish that every later round was ideally sized.

The Fed rate and the mortgage rate: two different prices

Inflation and borrowing costs: connected, not identical

Monthly observations | All panels use the same percentage scale



Through September 2026. Mortgage monthly mean of weekly PMMS observations.

Sources: BLS CPI-U; Federal Reserve; Freddie Mac PMMS via FRED. [R1-R3]

CPI gap: October 2025. Mortgage methodology changed November 17, 2022.

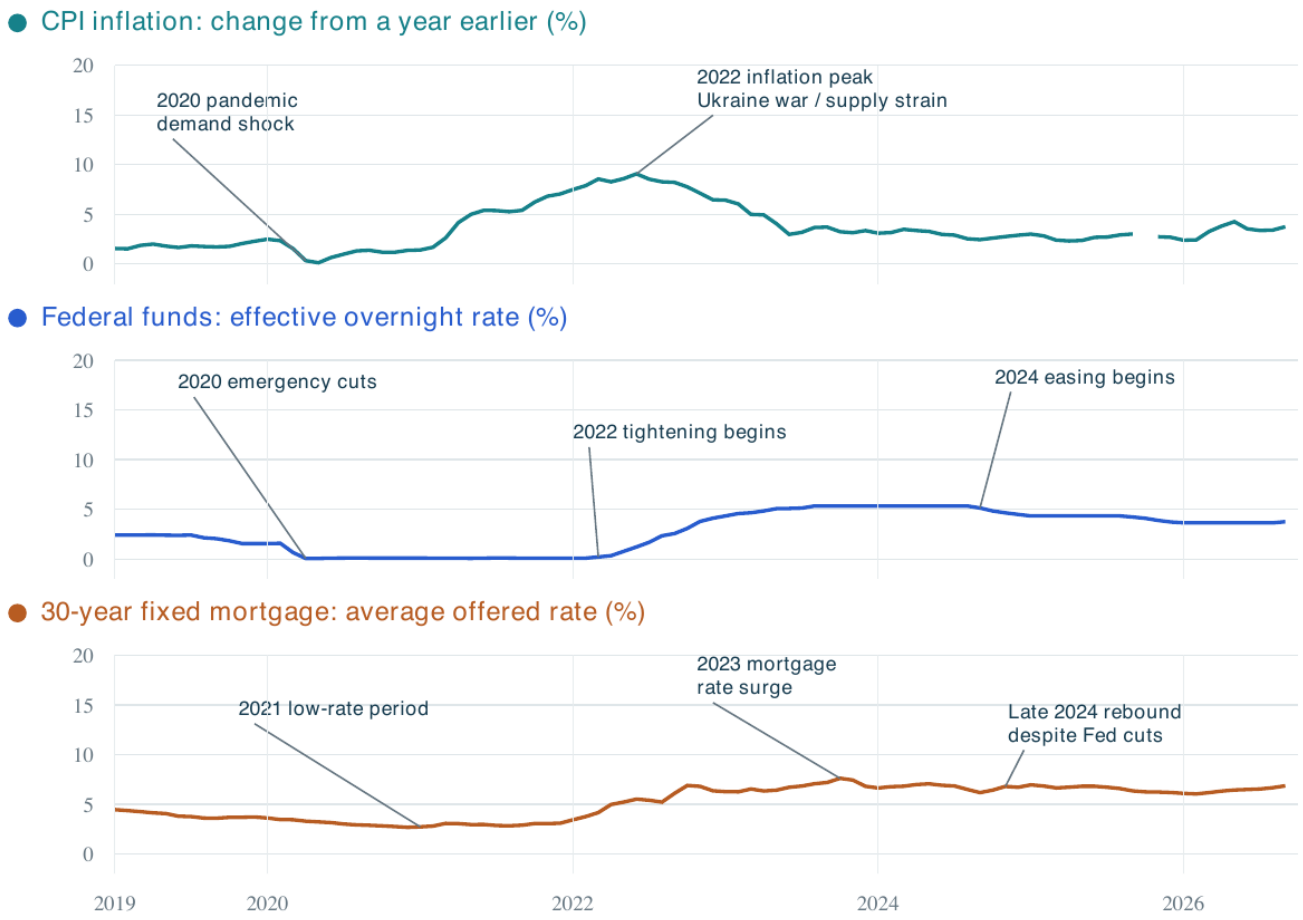
The panels align inflation with two borrowing costs. They show rates in percent, not accumulated investment returns. A 7% mortgage rate is an annual borrowing charge; 7% CPI inflation measures how much consumer prices rose over a year. Neither is the same as a 7% total return on an investment. The common scale makes the size of movements comparable without placing three lines on top of one another. [R1-R3]

The early-1980s peaks illustrate the expensive fight against persistent inflation: policy rates rose sharply, and mortgage borrowing also became costly. By contrast, after the 2008-09 Global Financial Crisis, overnight rates spent years near zero while mortgage rates stayed several percentage points above them. Shared direction does not mean equal levels or a fixed gap. The chart describes the sequence; by itself it cannot isolate how much inflation changed because of policy rather than supply, demand or expectations. [R1-R3]

Why a Fed cut may not lower your mortgage rate

The recent cycle: mortgage rates do not track Fed cuts one for one

Monthly observations | All panels use the same percentage scale



Through September 2026. Mortgage monthly mean of weekly PMMS observations.

Sources: BLS CPI-U; Federal Reserve; Freddie Mac PMMS via FRED. [R1-R3]

CPI gap: October 2025. Mortgage methodology changed November 17, 2022.

When we say the Fed rate, we usually mean the target range for overnight lending between banks. The effective federal funds rate plotted here is the rate actually traded, averaged over a month; it is not the target midpoint. Policy affects other short-term borrowing and saving rates, then spending and investment. [R1, R4]

A fixed mortgage funds borrowing over many years. Its pricing is more closely connected to longer-term Treasury and mortgage-bond markets. Investors consider future inflation and rates; lenders add costs and compensation for risk. That is why mortgage rates can rise even while the Fed cuts. Federal Reserve purchases of Treasury and mortgage bonds can also influence these longer-term costs. [R4-R5]

What the rate gap means for household relief

The recent cycle provides a concrete counterexample to the idea that mortgage rates simply follow the latest Fed announcement. After the September 2024 Fed cut, Freddie Mac's weekly mortgage average rose from 6.09% on September 19 to 6.84% on November 21. Stronger economic data and inflation concerns changed expectations in the bond market. The monthly chart smooths those weekly movements, which is why its exact turning points differ from these dates. [R2, R5]

The current readings also refer to different windows. The Fed held its target range at 3.75%-4.00% on October 28. September's average effective rate was 3.75%, and the mortgage average for the week ending October 29 was 7.24%. The chart ends in September to keep its monthly comparison aligned; the later weekly mortgage observation is a separate current snapshot. These figures are not a same-day spread calculation. [M2, R1-R2]

What households actually pay

An existing fixed-rate mortgage keeps its contracted interest rate when the Fed changes policy. Refinancing requires a new loan and may involve fees. An adjustable-rate loan resets according to its contract, index and limits. Taxes and insurance can still change the total housing payment even when the fixed loan payment does not. New buyers face today's borrowing terms, which can be very different from those enjoyed by owners who borrowed earlier. [R6]

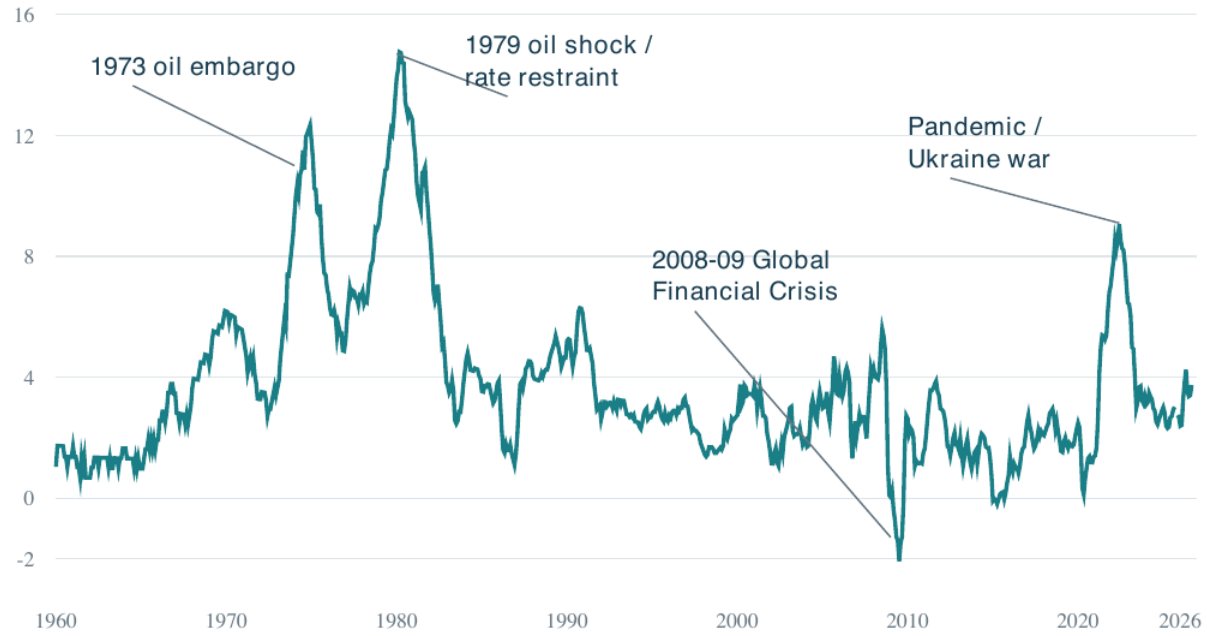
Consider an illustrative $300,000, 30-year fixed loan. At 3%, monthly principal and interest are about $1,265. At 7%, they are about $1,996: roughly $731 more, or 58%, before taxes, insurance or fees. This calculation holds the loan amount constant. It shows why slower inflation can coexist with an affordability squeeze even without another rise in the house price.

Our inference for the outlook is that housing relief requires more than a lower overnight policy rate. Sustained improvement in inflation expectations, long-term financing costs, available housing and household income all matter. Near term, existing low-rate owners may be reluctant to move and replace their loans. Over several years, construction and income growth can improve affordability, but neither a Fed cut nor the passage of time guarantees a return to pandemic mortgage rates.

Reading the historical pattern

Inflation rose and fell; earlier price increases remained

US CPI-U: change from the same month a year earlier (%)



Monthly observations through Sep 2026. Gap: Oct 2025 unavailable. Source: BLS/FRED [44].

The peaks show how quickly prices were rising, not how expensive life had become. When the line falls from 9% to 3%, prices are generally still increasing. The unusual dip below zero around the financial crisis reflects falling prices during weak demand; it was not a painless restoration of household prosperity. [44]

Compare the repeated peaks of the 1970s with the quieter years after 2008. The contrast helps explain why neither oil shocks nor central-bank bond purchases have a fixed inflation outcome. What matters is the surrounding economy: its ability to supply goods, willingness to spend, and confidence in stable prices. Event labels identify timing, not proof that one event caused the entire movement. [02,03]

What the calm periods tell us

The mid-1980s to 2007 brought relatively steadier inflation and growth, often called the Great Moderation. Stronger inflation control, changes in production and trade, and the shocks the economy encountered all contributed; their relative roles remain debated. The 1987 market crash and dot-com bust show that quiet consumer prices did not make investments uniformly safe. [48]

A level inflation rate is still a rising price level. At 3% annually, a $100 basket becomes about $134 after ten years. Calm can mean healthy supply or weak demand; the line alone does not tell us which.

The surge and the policy reversal

Timeline II | 2020 through 2023

March 2020 | Shutdowns, market stress and rescue

The Fed brought its policy-rate target to 0-0.25% and expanded asset purchases. Early purchases addressed market dysfunction; continued purchases supported easier financial conditions. The CARES Act became law March 27, providing fiscal assistance through a separate channel. Central-bank bond purchases and government transfers should not be counted as the same transaction. [05,06]

December 2020-March 2021 | Support continued as recovery developed

Additional relief continued through the December legislation and the American Rescue Plan, signed March 11, 2021. Purchasing power was supported while production and distribution were still adjusting. The issue for inflation was the interaction between demand and capacity, not merely the existence of a government deficit. [07,16]

Consider a simplified example: households have money to replace appliances, but factories cannot obtain enough parts. More buying power then competes for a limited number of appliances. Suppliers can raise prices, buyers wait longer, or both. The relief did not create the parts shortage; the shortage made additional spending more likely to raise prices instead of production. This interaction is why assigning all responsibility to either stimulus or supply misses part of the story.

December 2021 | Inflation was already 7.0%

US CPI was 7.0% above a year earlier. This was before Russia's full-scale invasion of Ukraine. That chronology rules out the war as the original cause of the US surge, while leaving ample room for it to amplify inflation later. [08]

February-June 2022 | War compounded an existing imbalance

Russia invaded Ukraine on February 24. Energy and grain disruptions raised costs well beyond the combat zone. A higher oil price reaches drivers directly, but also reaches farms, freight carriers and factories through fuel bills. Some of those costs arrive at shops later. The Fed began raising rates in March and reducing its bond holdings in June. CPI inflation reached 9.1% in June: a fresh supply shock was hitting while efforts to slow demand were only beginning. [05,09,10]

July 2023 | The cost of restraint became visible

By July 26, the Fed's policy-rate target had reached 5.25-5.50%. A family reconsidering a car loan or a developer delaying a project reduces spending today. Existing borrowers with fixed-rate debt may feel little immediate effect, however, so restraint spreads over time. Meanwhile, production and distribution recovered. Both weaker demand and improved supply helped inflation fall; giving interest rates all the credit would miss the recovery in capacity. [11,17]

The price level did not have to return to its old path for inflation to decline. That is why a policy success measured by a slower rate of increase can coexist with households' frustration about the accumulated cost of living.

New shocks after the original surge

Timeline III | 2023 through October 2026

Late 2023-2024 | Red Sea attacks changed shipping routes

Attacks on vessels disrupted a major trade corridor. The IMF reported that Red Sea disruption and drought at the Panama Canal were altering shipping patterns in early 2024. Longer routes and delays can raise costs; the size of the consumer effect depends on duration, inventories and firms' ability to absorb or pass on the expense. A shipping disruption is not automatically another economy-wide inflation surge. [12]

2025-early 2026 | Tariffs added a measurable goods-price effect

Tariffs are taxes on imported goods, initially paid by the importer. The eventual burden can be shared by overseas suppliers accepting lower prices, businesses accepting smaller profits, and customers paying more. Fed researchers estimated that the tariff changes studied raised prices of goods excluding food and energy by 3.1% through February 2026. The effect on the broader spending measure was smaller, 0.8%, because it includes many services. The study covers changes implemented through November 2025 and excludes later changes after the February 2026 court ruling. [13]

February 28, 2026 onward | Another Middle East war shock

The IMF's April outlook dates the outbreak of the Middle East war to February 28 and describes a shock to commodities, inflation expectations and financial conditions. This belongs in the timeline as a new disruption, not evidence that the pandemic explanation never changed. The economic channels include energy availability and transport, with different consequences for importers and exporters. [14]

September-October 2026 | Energy and domestic persistence overlap

September US CPI showed renewed pressure from gasoline alongside shelter increases. Euro-area September inflation was 3.8%, with energy and services both making substantial contributions. These separate releases suggest a combination of shared commodity exposure and domestic price-setting, rather than one explanation applicable to every category and country. [01,23]

The IMF's October forecast puts global inflation at 4.7% in 2026 and 4.1% in 2027. Those are annual projections, based on information through October 1, not measured inflation rates for this weekend. Their direction illustrates an important possibility: renewed pressure now can coexist with an expectation of later disinflation. [15]

The inference

The story is a sequence of shocks with incomplete and uneven adjustment between them. The case for sustained pressure must be tested in current prices, wages, demand and expectations. It cannot be established simply by repeating the history of money creation in 2020.

How the pieces connect

Government spending, debt and QE are different mechanisms

A government transfer puts spending power directly into the recipient's hands. Quantitative easing, or QE, means the central bank buys bonds using newly created central-bank money. Buying bonds tends to push their prices up and their yields down, helping lower financing costs and encouraging spending. QE therefore acts less directly than a relief payment. Its effect depends on whether households and businesses use easier financial conditions to borrow, invest and buy. [18]

The deficit is the government's annual shortfall between spending and revenue; national debt is the borrowing accumulated over time. Today's extra spending may lift demand, but an old debt balance is not automatically new spending. Debt matters more as it must be refinanced at higher rates: interest costs can force difficult tax and spending choices. Inflation risk increases if policymakers repeatedly support demand beyond the economy's ability to supply it, or compromise monetary restraint to ease government financing. [19]

This is why the question is not simply whether debt is large. It is what the borrowing finances, how much new demand it creates, and whether ability to produce goods and services grows alongside it. A project that eventually expands electricity supply has a different longer-term effect from spending that adds demand without adding capacity. Even a useful investment can raise costs during construction before providing relief later. That timing belongs in our three- and five-year outlook.

Interest rates restrain demand but cannot repair every shortage

Higher rates make borrowing more expensive and saving more attractive. They can slow spending enough to reduce price pressure. They do not directly produce fuel or restore a damaged shipping route. The tradeoff is that reducing demand to match a constrained supply can also weaken employment and investment. Lower rates would ease some payments, but could renew demand before supply has improved. [18]

Housing separates measured inflation from household experience

For homeowners, CPI estimates the cost of living in a comparable rented home. It does not treat the house purchase or mortgage payment as the price of a month's housing service. This helps separate consumption from ownership of an asset, but leaves a gap between CPI and a new buyer's experience: higher mortgage rates can sharply raise payments even when reported shelter inflation changes little. [20]

A lower mortgage rate can reverse part of that payment squeeze. It can also allow more buyers to bid for the same homes, supporting sale prices. That is why lower rates alone do not guarantee cheaper housing. Sustained affordability gains are easier when financing relief is accompanied by more available homes, rather than simply more competition among buyers.

Wages, margins and expectations influence persistence

Workers seek to recover purchasing power; firms seek to recover costs and sometimes have room to widen margins. Whether these adjustments prolong inflation depends on productivity, demand, competition and expectations. Initial price shocks need not have begun with wages. Research finds the early surge was heavily affected by commodity prices and shortages, while later persistence also involved price- and wage-setting. [16,17]

We should examine margins where sector evidence supports it, but neither assume every price increase was unavoidable nor infer economy-wide profiteering from aggregate profits. Likewise, a one-time tariff increase

can lift a price level without causing that same inflation rate forever; repeated changes and wider responses can extend the adjustment. [13]

How much did each cause matter?

There are two different questions: where price increases appear in the household basket, and what caused them. Expenditure contributions can be added within one index and period. Causal estimates depend on models and estimate of what would have happened otherwises; QE, fiscal support, supply shortages and energy shocks overlap. A single pie chart assigning each a share of the entire 2019-2026 episode would imply precision the evidence does not support.

A quantified view of the original surge

A San Francisco Fed study asked how much supply and demand contributed to inflation above its pre-pandemic norm. For April 2022, it attributed about 52% of the excess to supply-driven categories, 29% to demand-driven categories and 19% to unclear cases. The excess was 4.8 percentage points: 6.3% PCE inflation versus its earlier 1.5% average. These are estimates of the original surge, not shares of today's inflation. [36]

The method looks at prices and quantities together. When prices rise while sales weaken unexpectedly, restricted supply is a likely explanation. When prices and sales both rise unexpectedly, stronger demand is more likely. Real-world cases can involve both. This makes the estimates useful for judging the balance of forces, while leaving uncertainty about the exact responsibility of a particular law or decision. [36]

Contributor	Evidence / relative importance	How to interpret it
Fiscal support	Separate SF Fed estimate: about 3 points of CPI excluding food and energy inflation by Q4 2021. [37]	Uncertain cross-country estimate of what would have happened otherwise; all pandemic support, not one bill. Do not add to the PCE decomposition.
QE and low rates	Supported financial conditions and demand; no separate numerical share assigned here. [05,17,18]	Interacts with fiscal support, credit and supply; reserve creation is not a one-for-one spending measure.
Wars and energy	Major supply amplifiers; energy also feeds transport and production costs. [09,12,14]	Direct energy CPI contribution misses indirect effects; cannot equate it with the causal share of war.
Tariffs	Fed staff estimate: roughly 0.8% higher PCE excluding food and energy price level through February 2026 from studied tariff changes. [13]	A cumulative level effect for a defined window, not 0.8 points of current CPI inflation.

Debt is a stock, not an independent monthly price shock: its effects work through spending, financing costs and policy credibility. Housing constraints, labor availability, wages, margins and expectations influence persistence, but overlap with supply and demand. We retain them as mechanisms rather than invent separate percentages. [16-20]

Where the latest inflation shows up

US CPI-U | September 2025 to September 2026 | Not the cumulative pandemic episode

BLS publishes each category's contribution in percentage points. The four non-overlapping groups below sum to 3.738 points, consistent with the rounded 3.7% headline. Shares divide each contribution by 3.738. Basket weights are August 2026 relative importance; we use BLS effects rather than simply multiplying these end-period weights by price changes. [35]

Category	Basket weight / annual price change	Contribution / share of increase
Energy	7.418% / +20.4%	1.353 points / 36.2%
Shelter	35.323% / +3.2%	1.142 points / 30.6%
Food	13.507% / +2.5%	0.338 points / 9.0%
Everything else	43.753% / +2.0%	0.905 points / 24.2%

Size of the bill versus speed of the increase

A small budget category can dominate inflation when its price jumps. A large category can sustain inflation even with a modest increase. Energy and shelter together explain about two-thirds of this annual increase; this identifies where relief would have the largest direct arithmetic effect.

Within energy, gasoline contributes 1.093 points. Within food, groceries contribute 0.151 point. These are subsets of the rows above and must not be added again. [35]

What this changes in the outlook

An energy reversal can lower headline inflation quickly while households remain squeezed by rent and service bills. Persistent shelter pressure makes broad relief slower. The one-, three- and five-year scenarios should therefore be tested against both the volatile energy path and the slower housing/services path.

These national expenditure weights are not a personal budget. Renters, long-distance commuters and mortgage-free households have different exposures. CPI shelter includes an estimated rental cost for owner-occupied homes; it is not a measure of mortgage payments. [20]

The household price perspective

US city average | Dollars at the time | Same-month snapshots, not annual averages

September 2019 provides a pre-pandemic baseline; September 2022 captures the surge period; September 2026 is the latest available comparison. These are observed average prices, not identical-product price indexes. Changes in product mix can affect them; BLS recommends CPI indexes for measuring pure inflation. Percentage changes below describe these averages only. [38-43]

Item / unit	Sep 2019	Sep 2022	Sep 2026	Change from 2019
Whole milk / gallon	$3.10	$4.18	$4.11	+32.4%
Large Grade A eggs / dozen	$1.38	$2.90	$2.27	+64.3%

Item / unit	Sep 2019	Sep 2022	Sep 2026	Change from 2019
Ground beef / pound	$3.85	$4.86	$6.79	+76.4%
White bread / pound	$1.30	$1.75	$1.83	+41.2%
Regular gasoline / gallon	$2.63	$3.88	$4.48	+70.4%
Electricity / kWh	$0.139	$0.167	$0.196	+41.0%

Why falling inflation can feel so different at the store

Milk is about 1.8% below its September 2022 average, yet 32.4% above September 2019. Eggs are about 21.7% below September 2022 but 64.3% above September 2019. Ground beef has continued higher: about 39.7% above September 2022 and 76.4% above September 2019. A household can see real relief on one purchase while its total bill remains elevated.

Snapshots also miss extremes: this egg series reached $6.227 per dozen in March 2025, versus $2.272 now; regular gasoline was $5.058 per gallon in June 2022, versus $4.482 now. A retreat from a peak is not a return to pre-pandemic prices. [39,42]

Translate prices into familiar spending

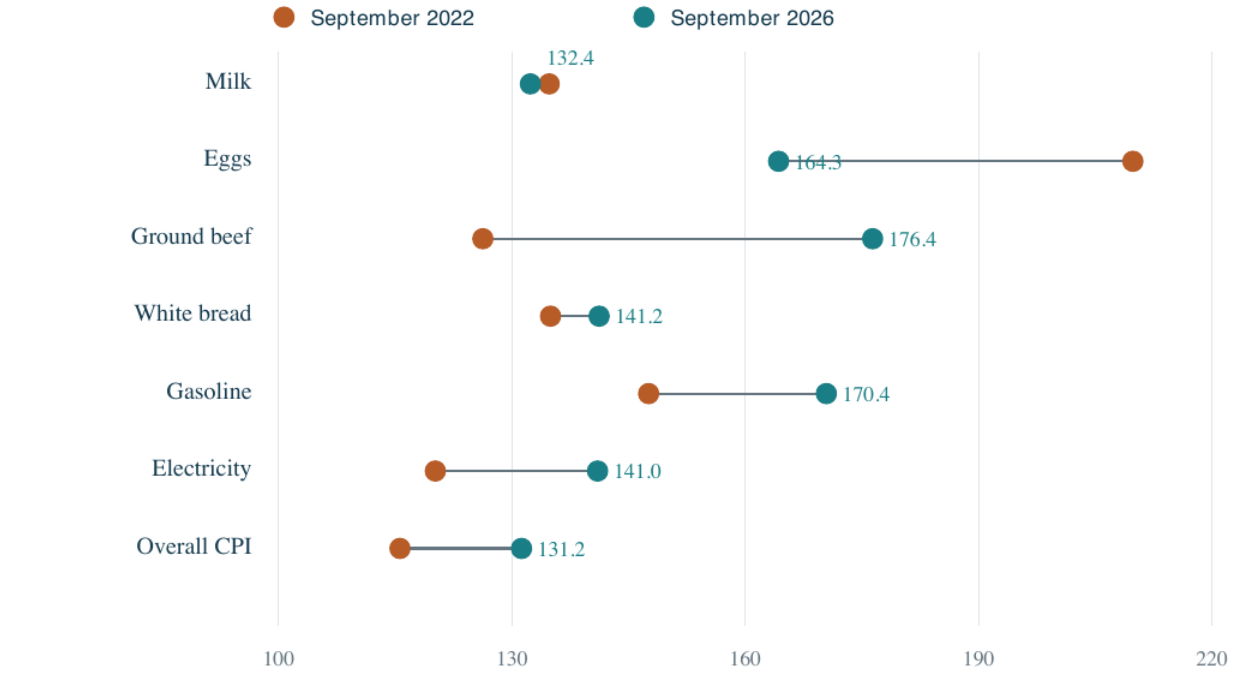
At a fixed 50 gallons per month, the gasoline illustration rises from $131.50 to $224.10, an extra $92.60. At a fixed 900 kWh, electricity rises from $125.10 to $176.40, an extra $51.30. These are arithmetic examples using national average unit prices, not estimates of typical usage or a particular utility bill.

These selected items are not a representative cost-of-living basket and should not be averaged into a household inflation rate. Housing, healthcare and other services remain essential to the full picture; national dollar averages for unlike homes or insurance coverage would create misleading comparisons.

Prices after the surge: relief is uneven

How far selected prices moved above September 2019

Each item starts at 100 in 2019; 150 means its average price is 50% higher.



Items: BLS average prices [38-43]; overall CPI: BLS index [44]. Selected items are not a basket.

The overall CPI rose about 31.2% between September 2019 and September 2026. The selected everyday items all rose more than that benchmark. They were chosen to illustrate familiar costs and different paths, not to represent average household spending. [38-44]

Milk and eggs moved left between the two dates, showing lower dollar prices. Beef, fuel and electricity moved right. The national average can therefore improve while a particular family sees little relief: its spending may lean toward the items that continued rising. The distance from 100 also makes clear how much of the earlier increase remains.

A global shock with different local outcomes

The table compares September 2026 prices with a year earlier. Each measure covers a slightly different household basket, so small differences between countries should not be treated as proof that one government managed inflation better. Food, housing, energy, taxes and subsidies carry different importance in each economy.

Economy	Measure	Annual change	Source
United States	CPI-U	3.7%	01
Canada	CPI	3.1%	21
Mexico	INPC	3.45%	22
Euro area	HICP	3.8%	23

Economy	Measure	Annual change	Source
United Kingdom	CPI	3.5%	24

North America is connected, but not uniform

The United States, Canada and Mexico share production chains and exposure to world commodity markets, but have different currencies, consumption baskets and policy settings. US demand can affect neighboring producers without producing identical consumer inflation. Canada's pandemic research identifies both external shocks and domestic pressures. Mexico's September release separately identifies goods and services movements, illustrating why a single headline is insufficient. [22,25]

A shared oil-price shock can also produce different national outcomes. Energy exporters may earn more while their households still pay higher fuel prices. An importing economy faces both a larger energy bill and less money left for other purchases. Exchange rates add another layer: if a country's currency weakens, an import priced in dollars costs more locally even when its dollar price is unchanged. These mechanisms help explain why a global shock does not produce one global household experience.

Europe makes the energy channel particularly clear

ECB research attributes much of the euro area's earlier surge to energy shocks. In September 2026, Eurostat attributes 1.71 percentage points of annual inflation to energy and 1.52 to services. Those are contributions to the measured rate, not a causal accounting of every downstream effect of energy. UK CPI was 3.5%; its broader CPIH measure was 3.6%, another reminder to compare like labels. [23,24,26]

China and Japan challenge simple debt explanations

The IMF's February 2026 China assessment described property adjustment, weak domestic demand and debt burdens alongside deflationary pressure. Debt can restrain spending when borrowers repair balance sheets. Japan's long struggle with weak inflation, followed by renewed purchasing-power concerns, also cautions against predicting inflation from debt alone. These are structural comparisons from dated assessments, not claims about their latest monthly CPI releases. [27,28]

For a global portfolio, the relevant exposure is often the company's customers, input costs, currency and financing, not simply its headquarters. An energy producer and an energy-intensive manufacturer in the same country can experience the same shock very differently. International holdings diversify some risks while retaining exposure to shared commodity and interest-rate shocks.

Which prices could actually retreat

Category outlook | Analyst judgments about prices in dollars, not statistical probabilities

The comparisons below refer to the next twelve months relative to recent 2026 prices unless an annual-average comparison is explicitly stated. A temporary sale, a regional decline and a lasting fall in a national category average are different outcomes. The strongest case for reversal is where a removable shortage dominates the price; the weakest is where recurring labor, construction and financing costs dominate.

Category	Prospect for lower prices	Why and what could prevent it
Gasoline and diesel	Relatively favorable if supply normalizes	Oil flows and refining margins can reverse. EIA projects 2027 average gasoline at $3.56 versus $3.91 in 2026; conflict escalation would undermine that path. [32]
Groceries as a basket	Slower increases more likely than a broad decline	USDA projects 2027 grocery inflation of 1.0%; its interval is -5.2% to +7.5%. Individual foods can fall even while the basket rises. [31]
Eggs, dairy and selected foods	Plausible but highly item-specific	USDA already forecasts 2026 declines for eggs, dairy, and fats/oils. Restored supply can reverse scarcity; disease, weather and feed costs can reverse the relief. This is not a blanket 2027 forecast. [31]
Restaurants	Broad declines relatively unlikely	USDA projects 2027 prices up 2.8%. Ingredients are only part of the bill; payroll, occupancy and service remain. [31]
Electricity	Uneven relief; broad rollback less likely	A cheaper fuel input need not offset grid, financing, maintenance and generation investment. Retail bills also depend on usage. [33]

EIA's forecast was completed October 1 and assumes improving Middle East flows. Its 2027 gasoline estimate is roughly 9% below its 2026 annual average, not a promise of a particular pump price next October. Energy relief could be substantial while food and services continue rising. [32]

The difference between gasoline and electricity is especially useful. A gasoline station can respond relatively quickly to lower wholesale fuel costs. An electricity supplier must also recover the cost of power plants, wires, maintenance and financing, often through regulated rates that adjust on a schedule. Cheaper fuel can help, but it may be offset by those other bills. For a household, the likely benefit may be a smaller increase rather than a visibly lower bill. [33]

Housing and other household bills

Category	Working judgment	Mechanism and limitation
Rent	Local declines possible; broad rollback not the central case	New supply and weaker demand can produce concessions. Existing leases adjust slowly, so new-tenant rents and measured shelter inflation need not move together. [34]
Home purchase prices	Highly regional; no national collapse assumed	Prices depend on inventory, household formation and financing. Lower mortgage rates can improve payments but also bring buyers back and support prices. Home values are not CPI shelter. [20]
Vehicles and durable goods	Selective discounts plausible	Inventory normalization, competition and weaker demand can lower transaction prices. Tariff exposure and production costs may offset that relief. This is an analyst mechanism-based assessment, not a fitted category forecast. [13]
Auto insurance	Retreat is possible and must be checked against current evidence	BLS's September table shows its index 5.0% below a year earlier even as repair prices rose 5.8%. A national index does not promise a lower renewal for a particular driver. [35]
Medical and other labor-intensive services	Slower increases more plausible than widespread cuts	Recurring labor and operating costs favor gradual repricing. Productivity, competition and reimbursement policy can alter the path; no numerical category forecast is assigned here.

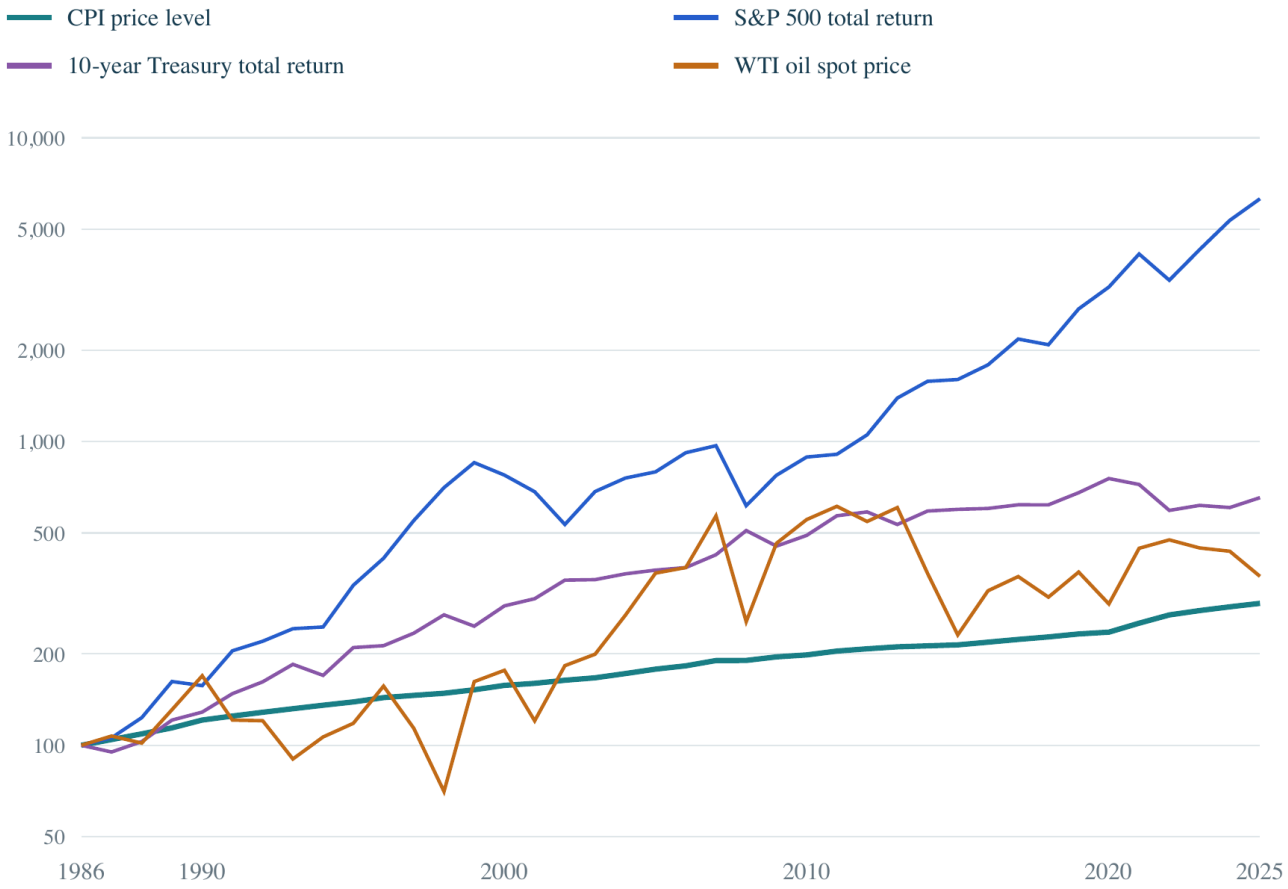
What would count as meaningful relief

For a renter, it may be a smaller renewal increase or a concession on a new lease. For a homeowner with a low fixed mortgage rate, the pressure may come from taxes, maintenance or insurance instead. For a prospective buyer, the down payment and monthly financing cost can dominate. The same national inflation rate describes none of these households completely.

The same logic applies to a restaurant. Cheaper eggs or cooking oil reduce one expense, but the lease, staffing and equipment bills remain. Competition may encourage specials or smaller increases before it produces a permanent menu-price cut. Commodity prices can reverse quickly; the whole service includes commitments that are harder to unwind. This is the practical reason our forecast expects more selective price declines than a broad return to 2019 prices.

The auto-insurance observation is a useful check on our own narrative. A category that became a prominent inflation problem can later reverse. We should not label every service price permanently sticky because it rose sharply in the past. Equally, a decline from a recent peak does not mean the pre-pandemic price has returned.

Growth accumulated along different paths

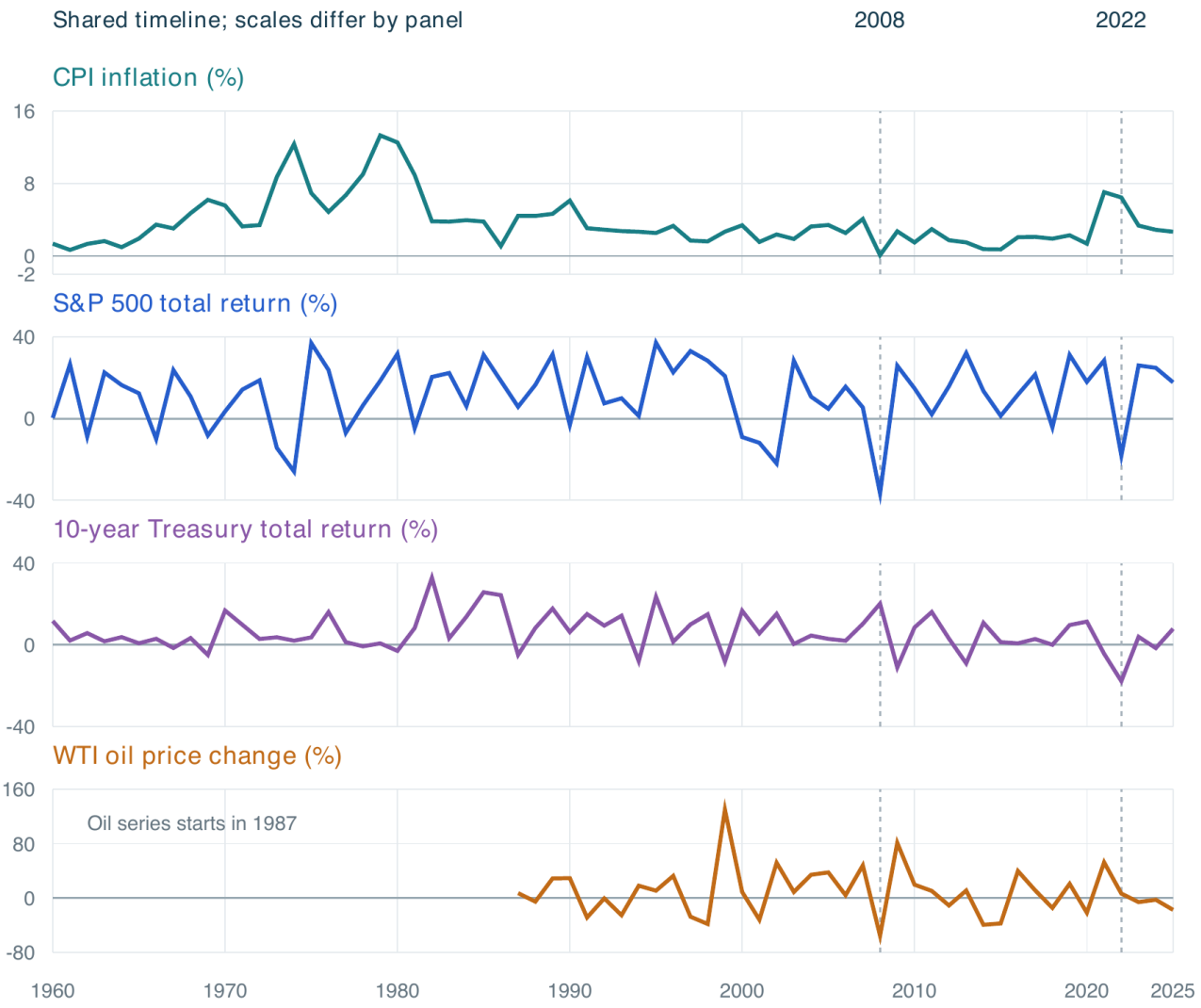


Index: Dec 1986 = 100. Log scale: equal distances show equal proportional changes.

All series start at 100 in December 1986 and end in December 2025. Stocks include reinvested dividends; the ten-year Treasury proxy includes interest and price changes. CPI and oil are price levels, not portfolios. Equal vertical distances on the logarithmic scale mean equal proportional changes. [44,46,47]

Stocks accumulated the strongest growth over this particular period, but with deep setbacks. Consumer prices generally kept climbing while oil repeatedly reversed. A cheaper input does not reset every rent, wage and service price. Treasury returns can cushion some shocks but remain exposed to rising rates. Starting dates matter; these historical paths are not forecasts.

Different shocks, different market responses



Annual observations through 2025. Stocks and Treasuries share the same -40% to +40% scale.

The aligned panels share a timeline but use different vertical scales. Stocks and Treasuries share a scale; CPI and oil each have their own. CPI is December over December. Oil is the change in December monthly-average WTI prices and begins in 1987. Annual returns conceal within-year swings. [44,46,47]

In 2008, stocks returned -36.55% while the Treasury proxy returned +20.10%. In 2022 both fell, by 18.04% and 17.83% respectively. Falling rates and a search for safety helped bonds in the financial crisis; rising rates hurt existing bonds during the inflation shock. Asset names alone do not reveal their shared risks. [46]

What this means for the inflation outlook

Oil averaged $133.88 per barrel in June 2008 and $41.12 in December. A year-end comparison records the collapse but misses the preceding burden. That is why the monthly inflation chart belongs beside the annual market comparison. The charts reveal timing and contrasts, not a calculation of how much each event caused. [47]

The useful forward question is what kind of disinflation develops. Better supply can lower costs while sustaining output; collapsing demand can lower inflation while damaging employment and earnings. The same lower inflation number can therefore mean very different things for households and portfolios.

Review near-term spending needs, sensitivity to rising rates, and dependence on a small set of companies alongside the inflation forecast. The purpose of balance is to avoid relying on a single economic route. These charts do not justify a mechanical allocation or guarantee that historical returns will repeat.

Methods: CPI uses unadjusted December observations; stocks and bonds use calendar-year nominal returns; oil uses December monthly averages. Growth compounds rounded source returns and excludes fees and taxes. The Treasury series is a ten-year return proxy, not a single bond held for decades. The comparison ends in 2025 to keep complete years aligned; the original monthly CPI history continues through September 2026.

Looking ahead: the assumptions behind the paths

The earlier scenarios used the Personal Consumption Expenditures price index, or PCE, the spending measure targeted by the Federal Reserve. The Consumer Price Index, or CPI, puts different weights on household costs. For continuity, the new chart uses CPI for both history and projections. We retain the PCE assumptions below so the change is traceable.

The September Fed projections put PCE inflation at 2.3% in 2027, 2.1% in 2028 and 2.0% in 2029. Our central judgment allows slower improvement because repeated energy and trade disruptions could prolong price pressure. The New York Fed research model also highlights a different route to lower inflation: much weaker growth. Lower inflation accompanied by lost jobs would provide less household relief than lower inflation achieved by producing more. [29,30]

PCE scenario	1 yr: Q4 2027	3 yr: Q4 2029	5 yr: Q4 2031
Faster relief	1.5% / 101.5	2.0% / 105.4	2.0% / 109.7
Central judgment	2.8% / 102.8	2.3% / 107.8	2.2% / 112.6
Persistent pressure	4.0% / 104.0	3.5% / 111.7	3.0% / 118.8

In this table, each cell shows the annual PCE inflation assumption, followed by the cumulative price index. The index starts at an assumed 100 in the final quarter of 2026. Thus 112.6 means a basket priced at $100 would cost about $112.60 after five years. These are conditional calculations, not statistically estimated probabilities.

A separate CPI path for the chart

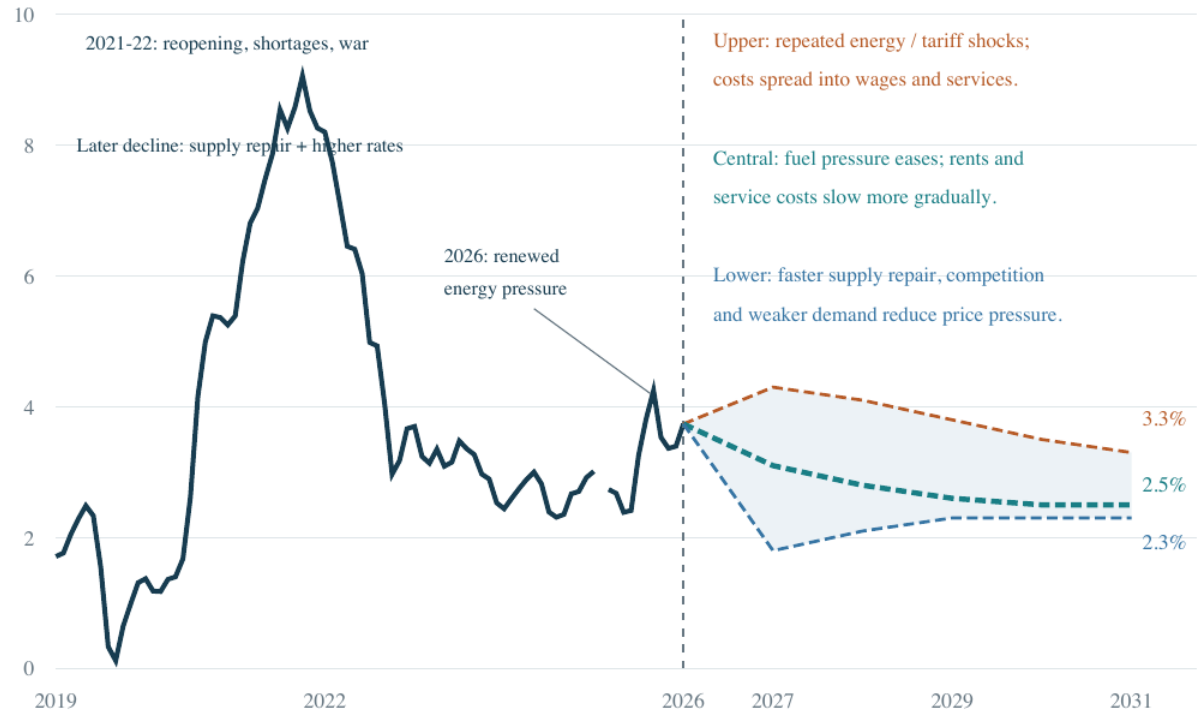
The CPI chart starts at the observed September 2026 reading, about 3.7%. For September 2027-2031, our central CPI assumptions are 3.1%, 2.8%, 2.6%, 2.5% and 2.5%. Faster relief uses 1.8%, 2.1%, 2.3%, 2.3% and 2.3%; persistent pressure uses 4.3%, 4.1%, 3.8%, 3.5% and 3.3%.

These CPI assumptions add 0.3 percentage point to each earlier annual PCE scenario, informed by a historical average difference documented by the Cleveland Fed. The difference varies and can reverse, so this is a rough planning bridge, not a reliable conversion formula. The CPI chart also uses September-to-September horizons rather than the PCE table's fourth-quarter comparison. We assume the same broad annual profile for illustration; we have not fitted a monthly forecasting model. [45]

CPI projection: what could change the path

From measured CPI inflation to three possible paths

Annual inflation (%) | Observed monthly history; future points are September assumptions



Shading spans scenarios, not confidence bounds. Dashed lines are illustrations, not monthly forecasts.

The central trajectory is a gradual easing, not a return to old prices. It assumes energy pressure subsides, trade costs stop arriving in repeated waves, and rents and services adjust more slowly. The lower trajectory requires faster relief across several of those channels. The upper trajectory represents recurring disruptions that keep businesses passing through higher costs.

The first projected year can turn quickly because fuel prices can reverse and last year's sharp increases eventually leave the annual comparison. Inflation can therefore fall even if today's price is unchanged. Later progress depends more on housing supply, productivity and whether businesses and workers expect further inflation. A lower reading caused by a recession would require a different interpretation from a lower reading caused by better supply.

The CPI paths imply cumulative increases from September 2026 to September 2031 of about 11.3% in the faster-relief case, 14.2% centrally and 20.5% under persistent pressure. These differ from the PCE table because the measure, assumed annual rates and starting dates differ. The upper and lower paths are not guarantees; outcomes outside them remain possible.

The central line is our working best estimate, with no probability attached. The outer lines show two alternative outcomes, not limits on what can happen. Deep recession could push inflation below the lower line; more severe disruption could push it above the upper line. We keep historical observations and these judgment-based assumptions visibly separate.

What the next five years could mean

One year | The supply-shock test

Through late 2027, energy flows, tariff implementation and the speed of service-price adjustment are likely to dominate the difference between the scenarios. My central judgment favors easing inflation over a broad return to old prices. Fuel is a stronger candidate for lower dollar prices than restaurant meals or a nationwide reduction in rent. The failure condition is repeated supply disruption accompanied by wider price increases and growing expectations of continued inflation.

Three years | New capacity and the cost of debt

By September 2029, additional housing, energy capacity and productivity improvements could matter more than the original COVID bottlenecks. But the cost of replacing old loans and higher recurring expenses will also have worked further through households, companies and governments. In the central CPI path, the price level is about 9% above September 2026 even though annual inflation has slowed to 2.6%. Incomes must outgrow that cumulative increase for real purchasing power to improve.

Five years | The productivity and policy-credibility test

By September 2031, the defensible question is less the exact price of oil than whether ability to produce goods and services, fiscal decisions and credible monetary policy can contain recurring shocks. Our central CPI path puts the price level about 14% above September 2026; the persistent-pressure path puts it about 20% higher. These are planning comparisons, not precision forecasts. A household's own basket could diverge materially.

History supplies tests rather than a timetable

The 1970s demonstrate how repeated supply shocks and accommodating policy can prolong inflation. The post-2008 period demonstrates that easy monetary conditions do not mechanically produce the same consumer-price response when demand and balance sheets are weak. The decline after the 2022 peak demonstrates that easing bottlenecks and restrained demand can reduce inflation without undoing the accumulated price level. None proves which path will prevail now. [02,03,17]

How we will revise the estimate

Move toward faster relief if verified energy supply improves, monthly inflation slows across categories, and productivity or real incomes improve without credit stress. Move toward persistence if costs broaden, tariff changes recur or expectations worsen. If inflation falls alongside deteriorating employment and credit, use a recession interpretation rather than treating lower prices as an unqualified benefit.

For portfolio balance, test the ability to tolerate both persistent inflation and a growth setback. Distinguish bond income from a bet on falling yields; examine companies' cost flexibility and customer demand; and keep household liquidity needs separate from long-horizon return expectations. These longer-term inflation scenarios are distinct from the Sunday two-to-four-week forecast or the six-month Market Read.

Conclusion and purpose

Inflation relief should be judged by what produces it and who experiences it. Improved supply and productivity can make a stronger economy less inflationary. A contraction can also reduce inflation, while worsening household security and company earnings. Today's growth, policy and market signals leave both routes open; the evidence favors selectivity rather than certainty.

Purpose of the Intelligence Report

This report is portfolio-agnostic. It explains economic conditions, competing scenarios and observable tests so readers can review their own balance and risk exposure. It does not recommend a particular security or a personalized allocation. Forecast weights are judgments; the inflation paths are planning illustrations rather than statistical confidence bounds.

Reading List and Sources

[M1] BEA Q3 GDP advance estimate, October 29

[M2] Federal Reserve October 28 policy statement

[M3] Bank of Canada October 28 rate decision

[M4] BLS November 2026 release calendar

[M6] Reuters report on OPEC intentions

[M5] Market close October 30, 2026

[M7] Reuters: China October manufacturing survey

[M8] West Coast port negotiations extended

[M9] Bloomberg: technology investment commitments

[M10] Detroit Free Press: automakers and the weekly market

[R1] Federal Reserve: effective federal funds rate, monthly

[R2] Freddie Mac: 30-year mortgage PMMS, weekly via FRED

[R3] BLS: CPI-U, all items, not seasonally adjusted

[R4] St. Louis Fed: What Determines Mortgage Rates?

[R5] Fannie Mae: What Determines the Rate on a 30-Year Mortgage?

[R6] CFPB: fixed-rate versus adjustable-rate mortgages

[01] BLS: September 2026 CPI, released October 14

[02] Federal Reserve History: The Great Inflation, 1965-1982

[03] Federal Reserve History: The Great Recession and Its Aftermath

[04] USTR: June 2018 announcement of tariffs effective July 6

[05] Federal Reserve: Post-Covid inflation and policy chronology, February 2024

[06] Congress: CARES Act, enacted March 27, 2020

[07] Treasury: American Rescue Plan, signed March 11, 2021

[08] BLS: December 2021 CPI

[09] IMF: Economic impact of war in Ukraine, March 5, 2022

[10] BLS: June 2022 CPI

[11] Federal Reserve: July 26, 2023 rate decision

[12] IMF: Red Sea attacks disrupt global trade, March 7, 2024

[13] Federal Reserve staff: Tariff effects on consumer prices, April 8, 2026

[14] IMF: April 2026 World Economic Outlook, full report

[15] IMF: October 2026 World Economic Outlook

[16] Bernanke and Blanchard: US pandemic-era inflation, June 2023

[17] Federal Reserve staff: Inflation since the Pandemic, August 2025

[18] Bank of England: How quantitative easing works

[19] IMF working paper: High debt and monetary policy, June 2023

[20] BLS: Rent and rental equivalence methodology

[21] Statistics Canada: September 2026 CPI release

[22] INEGI: September 2026 CPI, released October 8

[23] Eurostat: September 2026 inflation, released October 16

[24] ONS: September 2026 consumer inflation, released October 21

[25] Bank of Canada: Sources of pandemic inflation, June 2024

[26] ECB: Causes of euro-area post-pandemic inflation, 2024

[27] IMF: China Article IV assessment, published February 2026

[28] IMF: Japan Article IV assessment, April 2026

[29] Federal Reserve: September 2026 Summary of Economic Projections

[30] New York Fed research model: September 2026 DSGE forecast

[31] USDA ERS: October 2026 Food Price Outlook summary

[32] EIA: October 6, 2026 Short-Term Energy Outlook

[33] EIA: Electricity prices and the costs behind them

[34] Federal Reserve: February 2025 Monetary Policy Report, rent adjustment

[35] BLS: September 2026 CPI detailed twelve-month table

[36] SF Fed: Supply and demand decomposition, June 21, 2022

[37] SF Fed: Fiscal support and inflation, March 28, 2022

[38] BLS via FRED: Whole milk / gallon

[39] BLS via FRED: Large Grade A eggs / dozen

[40] BLS via FRED: Ground beef / pound

[41] BLS via FRED: White bread / pound

[42] BLS via FRED: Regular gasoline / gallon

[43] BLS via FRED: Electricity / kWh

[44] BLS via FRED: Monthly CPI-U, all items, unadjusted; chart calculations

[45] Cleveland Fed: Why CPI and PCE inflation differ, March 2020

[46] NYU Stern / Aswath Damodaran: annual stock and ten-year Treasury returns through 2025

[47] EIA via FRED: monthly WTI crude-oil spot prices

[48] Federal Reserve History: The Great Moderation