

Tactical Asset Allocation

We remain in a contraction regime, with defensive portfolio positioning. Our model is overweight fixed income versus equities, overweight quality and duration, and underweight the US dollar. We provide a deep dive into our indicators and assess their behavior considering current market and macro conditions.

Our macro process drives tactical asset allocation decisions over a time horizon between six months and three years, on average, seeking to harvest relative value and return opportunities between asset classes (e.g., equity, credit, government bonds, and alternatives), regions, factors, and risk premia.



Alessio de Longis, CFA® Senior Portfolio Manager Head of Asset Allocation Invesco Solutions

Synopsis

- Our framework remains in a contraction regime. We maintain a defensive posture, overweighting fixed income relative to equities, favoring defensive sectors and factors, while holding a neutral regional equity exposure in-line with the benchmark. In fixed income, we maintain a moderate overweight in duration, underweight in credit risk and the US dollar.
- GDP and employment growth confirm the economy has entered a contraction regime, with growth below trend and decelerating. Earnings performance in cyclical and defensive sectors confirms this slowing growth environment.

Macro update

The macro environment remains in transition. Our indicators point to rising uncertainty regarding the perspective economic environment as our global leading economic indicator is gradually rising towards its long-term trend and global risk appetite, while still on a weakening trajectory, remains in positive territory without gaining momentum in either direction. Except for falling bond yields, global financial markets seem reluctant to price-in the low growth environment we have identified since July 2024, with equity markets still fueled by enthusiasm surrounding the tech super-cycle. This month, we provide answers to frequently asked questions from our clients, shedding light into our interpretation of the current market environment in the context of our macro models, seeking to interpret what is working, what is not working, and why.

Figure 1a: Global macro framework remains in a contraction regime Regional regime signals and components

	LEIs		Global risk appetit	
Region	Current level of growth		Change in global growth expectations	
Global	Below trend			
United States	Below trend			
Developed markets ex-US	Below trend			
Europe	Below trend	&	Growth	
United Kingdom	Below trend	α	expectation	
Japan	Above trend		deteriorating	
Emerging markets	Below trend			
China	Below trend			
Emerging markets ex-China	Below trend			

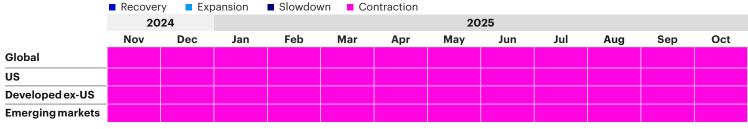
Expected macro regimes Contraction Contraction Contraction Contraction Contraction Slowdown Contraction Contraction Contraction

Sources: Bloomberg L.P., Macrobond. Invesco Solutions research and calculations. Proprietary leading economic indicators of Invesco Solutions. Macro regime data as of Sept. 30, 2025. The Leading Economic Indicators (LEIs) are proprietary, forward-looking measures of the level of economic growth. The Global Risk Appetite Cycle Indicator (GRACI) is a proprietary measure of the markets' risk sentiment. Developed markets ex-USA include the Eurozone, UK, Japan, Switzerland, Canada, Sweden, Australia. Emerging markets include Brazil, Mexico, Russia, South Africa, Taiwan, China, South Korea, India.

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Figure 1b: Trailing 12-month regime history by region

Global economy in a contraction phase with LEIs below their long-term trend and growth expectations deteriorating

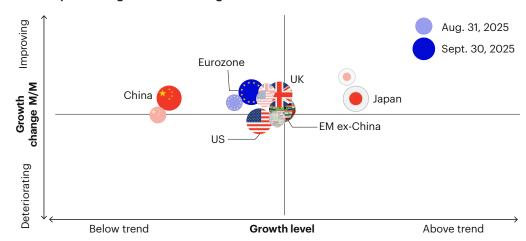


Source: Invesco Solutions as of Sept. 30, 2025.



The macro environment remains in transition.

Figure 1c: Global growth improved, led by developed markets outside the US. The global economy is moving closer to trend-growth



Sources: Bloomberg L.P., Macrobond. Invesco Solutions research and calculations. Proprietary leading economic indicators of Invesco Solutions. Macro regime data as of Sept. 30, 2025. The Leading Economic Indicators (LEIs) are proprietary, forward-looking measures of the level of economic growth. The Global Risk Appetite Cycle Indicator (GRACI) is a proprietary measure of the markets' risk sentiment.

Why has global risk appetite declined over the past 16 months while equity markets are

This month, we provide answers to frequently asked questions from our clients.

making all-time highs?

Our global risk appetite cycle indicator (GRACI) measures the average additional return received by investors when taking incremental risks (i.e., volatility) in global capital markets, going from developed market government bonds, to emerging markets sovereign credit, corporate credit, developed market equities and emerging market equities. As illustrated in Figure 2, GRACI's value is still positive, at approximately 0.50, meaning that over the past year investors have been compensated on average for risk taking and moving from safer to riskier asset classes. In other words, GRACI's positive value today, and the positive value registered since 2021, is not at odds with equity markets at all-time highs. However, the steady decline in GRACI over the past 16 months, from a peak level above 1.5, is capturing the convergence in returns between safer and riskier asset classes. As illustrated in previous research, this convergence in returns, and hence deceleration in global risk appetite, has historically provided a good proxy of declining growth expectations, as GRACI exhibits a strong correlation to future growth (higher than 0.70) with a lead of 3-6 months over other leading indicators. An alternative and simpler illustration of this convergence in returns is illustrated in Figure 3. Year to date, equities continue to outperform fixed income, and credit markets continue to outperform government bonds, but the pace of outperformance has declined meaningfully compared to calendar year 2023 and 2024. While GRACI's level today remains positive, GRACI deceleration over the past 16 months is capturing this reduced outperformance, which has historically been a precursor for further declines in global risk appetite.

de Longis, Alessio and Dianne Ellis, "Market Sentiment and the Business Cycle: Identifying Macro Regimes Through Investor Risk Appetite", Invesco Investment Solutions Manuscript (2019).

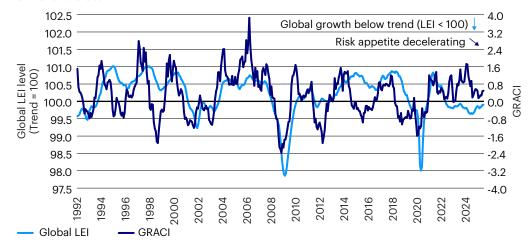


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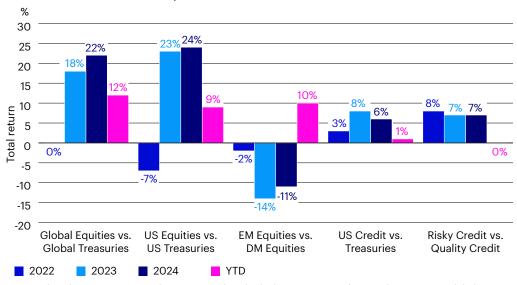
Figure 2: Global LEI improving, led by developed markets outside the US, and global risk appetite shows marginal improvements, but not enough to trigger a recovery GRACI and Global LEI



Sources: Bloomberg L.P., MSCI, FTSE, Barclays, JPMorgan, Invesco Solutions research and calculations, from Jan. 1, 1992 to Sept 30, 2025. The Global Leading Economic Indicator (LEI) is a proprietary, forward-looking measure of the growth level in the economy. A reading above (below) 100 on the Global LEI signals growth above (below) a long-term average. The Global Risk Appetite Cycle Indicator (GRACI) is a proprietary measure of the markets' risk sentiment. A reading above (below) zero signals a positive (negative) compensation for risk-taking in global capital markets in the recent past. **Past performance does not guarantee future results.**

Figure 3: Convergence in asset returns. Riskier assets still outperforming safer assets, but a more moderate pace compared to the past two years





Source: Bloomberg L.P., Invesco Solutions research and calculations. Data as of September 30, 2025. Global equities = MSCI All Country World index; Global Treasuries = Bloomberg Global Agg Treasuries Index; US equities = Russell 3000 Index; US Treasuries = Bloomberg US Treasury Index; EM equities = MSCI Emerging Markets Index; DM equities = MSCI World Index; US Credit = average of Bloomberg US Corporate HY Index, Bloomberg US Corporate IG Index, S&P US leveraged loan index; Risky Credit = average of Bloomberg US Corporate HY Index and S&P US leveraged loan index; Quality Credit = average of Bloomberg US Corporate IG Index and Bloomberg US Treasury Index.

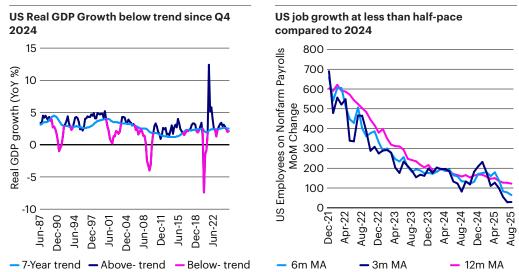
Our macro framework moved to a Contraction regime (i.e., growth below trend and decelerating) in July 2024. What is the evidence that the economy moved to a below-trend and decelerating growth environment?

Historically, our macro indicators tend to lead inflection points in the growth cycle by approximately 6 months, on average, looking at contemporaneous or lagging indicators such as GDP, industrial production or employment growth. Hence, by historical standards, our framework would have anticipated a below-trend and decelerating growth regime by the first half of 2025, which we believe is indeed the prevailing environment today. As illustrated in **Figure 4**, US real GDP growth has moved below trend since Q4 2024, and US employment growth is currently averaging 60k over the past 6 months and 30k over the past 3 months, well below the long-term trend growth of 150-200k.



Our framework would have anticipated a below-trend and decelerating growth regime by the first half of 2025, which we believe is indeed the prevailing environment today.





Source: Bloomberg L.P., Invesco Solutions research and calculations. Data as of September 30, 2025.

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The noticeable decline in US and global bond yields year-to-date is consistent with this contraction regime, global equity markets are experiencing a meaningful divergence from this cyclical picture.

What about the disconnect between financial markets and the economy?

Our business cycle framework seems to be accurately capturing the early stages of a low growth environment, and rising probabilities of a recession, but global financial markets are sending mixed signals. While the noticeable decline in US and global bond yields yearto-date is consistent with this contraction regime, global equity markets are experiencing a meaningful divergence from this cyclical picture, driven by a structural technology-led super-cycle. As illustrated in Figure 5, cyclical sectors in the S&P 500 have experienced very low growth rates of 1-3% in earnings, revenues and margins, underperforming defensive sectors and confirming weakness in cyclical drivers. On the other hand, the structural super-cycle in technology, unrelated to the economic growth cycle, is translating into 20%+ annual growth in earnings and revenues for the sector, leading to large excess cash and aggressive stock buybacks programs, lifting the composite S&P 500 Index. We believe it is important to adhere to a structured and repeatable investment process and, most importantly, risk budgeting by diversifying active investment views across many asset classes and portfolio levers. From an asset allocation standpoint, while equities and credit markets are certainly proving more resilient than anticipated, the relative underperformance of small- and mid-caps relative to large caps, value relative to quality, and cyclical relative to defensive sectors is consistent with the growth headwinds outlined above.

Figure 5: Alongside the tech super-cycle, cyclicals underperforming defensive, reflecting headwinds in the growth cycle

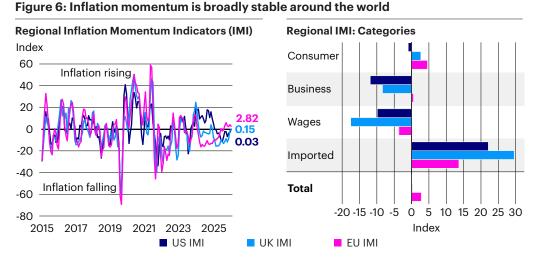
Percentage change since beginning of Contraction regime (July 2024 – Sept 2025)	Earnings Per Share	Sales Per Share	EBITDA Margin
S&P 500 Index	15%	6%	5%
Bloomberg MAG 7 Index	58%	30%	14%
Bloomberg 500 Ex-MAG 7 Index	8%	4%	3%
Cyclicals	3%	1%	1%
S&P 500 Energy	-26%	-4%	-9%
S&P 500 Financials	15%	3%	0%
S&P 500 Materials	-10%	-1%	5%
S&P 500 Industrials	4%	0%	10%
S&P 500 Consumer Discretionary	13%	4%	6%
- ex-Amazon & Tesla	-9%	3%	-12%
Defensives	8%	4%	1%
S&P 500 Consumer Staples	1%	2%	-3%
S&P 500 Health Care	25%	14%	8%
S&P 500 Utilities	12%	6%	4%
S&P 500 Real Estate	1%	6%	-9%
S&P 500 Communication Services	37%	11%	9%
S&P 500 Information Technology	26%	20%	5%

Source: Bloomberg L.P., S&P500. Trailing 12-month EPS and Sales per share.

We favor nominal Treasuries versus TIPS given limited inflationary pressures.

The structural super-cycle in technology, unrelated to the economic growth cycle, is translating into 20%+ annual growth in earnings and revenues for the sector, lifting the composite S&P

500 Index.



Sources: Bloomberg L.P. data as of Sept. 30, 2025, Invesco Solutions calculations. The US Inflation Momentum Indicator (IMI) measures the change in inflation statistics on a trailing three-month basis, covering indicators across consumer and producer prices, inflation expectation surveys, import prices, wages, and energy prices. A positive (negative) reading indicates inflation has been rising (falling) on average over the past three months.



We implemented no changes this month to the Global Tactical Allocation Model.

In equities, we maintain a neutral regional composition given offsetting forces between US earnings outperformance, and US dollar depreciation.

In fixed income we favor investment grade and sovereign emerging fixed income relative to high yield.

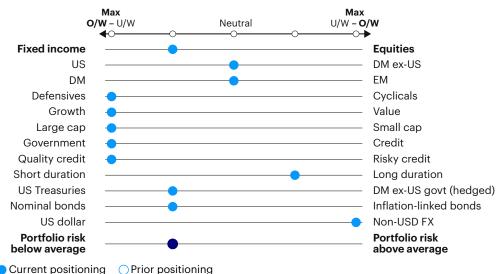
Investment positioning

We implemented no changes this month to the Global Tactical Allocation Model.² We continue to hold a lower risk profile than the benchmark, underweighting equities relative fixed income, with a regional equity composition in line with the benchmark following last month upgrade in non-US equities. We continue to overweight defensive sectors with quality and low volatility characteristics. In fixed income, we underweight credit risk³ relative to benchmark and overweight duration via nominal Treasuries (**Figures 7** to **10**). In particular:

- In **equities**, we maintain a neutral regional composition versus benchmark given offsetting forces between US earnings outperformance versus the rest of the world, and US dollar depreciation driven by expectations for Fed easing and compression in yield differentials between the US and the rest of the world. We favor defensive sectors with quality and low volatility characteristics, tilting towards larger capitalizations at the expense of value, mid and small caps, as these segments of equity markets carry lower operating leverage and lower sensitivity to growth risk. Hence, we favor sectors such as health care, staples, utilities, and technology at the expense of cyclical sectors such as financials, industrials, materials, and energy.
- In **fixed income**, we continue to overweight asset classes with lower credit risk and higher duration, favoring investment grade and sovereign emerging fixed income relative to high yield. Given the decelerating growth environment and historically tight spreads, we believe the risk-reward in this position is attractive. Our bearish positioning on the US dollar also favors emerging markets local debt and global fixed income, currency unhedged, relative to core domestic fixed income. We favor nominal Treasuries versus TIPS given limited inflationary pressures (**Figure 6**).
- In currency markets, we continue to underweight the US dollar, driven by narrowing yield differentials relative to the rest of the world and positive surprises in economic data outside the US. Furthermore, we believe this positioning is also supported by rising debt funding requirements in the US, putting downward pressure on the greenback to attract foreign capital flows. Within developed markets we favor the euro, the British pound, Norwegian kroner, Australian dollar and the Japanese yen relative to the Swiss franc, Canadian dollar, Swedish krona and Singapore dollar. In EM we favor high yielders with attractive valuations as the Colombian peso, Brazilian real, Indian rupee, and Indonesian rupiah relative to low yielding and more expensive currencies as the Korean won, Philippines peso, Thai baht and Chinese renminbi.

Figure 7: Relative tactical asset allocation positioning

Maintaining defensive positioning, favoring fixed income over equities



eference benchmark 60% MSCI Source: Invesco So

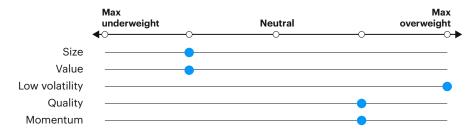
Source: Invesco Solutions, Oct. 1, 2025. DM = developed markets. EM = emerging markets. Non-USD FX refers to foreign exchange exposure as represented by the currency composition of the MSCI ACWI Index. For illustrative purposes only.

Reference benchmark 60% MSCI ACWI, 40% Bloomberg Global Aggregate Hedged Index.

Credit risk defined as duration times spread (DTS).

Figure 8: Tactical factor positioning

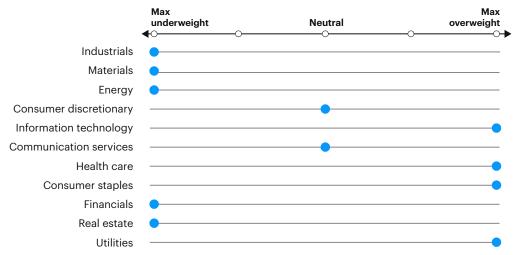
Overweight quality, low volatility, and momentum



Source: Invesco Solutions, Oct. 1, 2025. For illustrative purposes only. Neutral refers to an equally weighted factor portfolio.

Figure 9: Tactical sector positioning

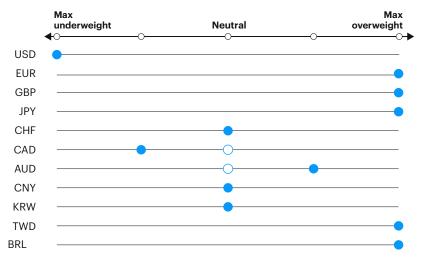
Sector exposures favoring defensives



Source: Invesco Solutions, Oct. 1, 2025. For illustrative purposes only. Sector allocations derived from factor and style allocations based on proprietary sector classification methodology. As of December 2023, Cyclicals: energy, financials, industrials, materials; Defensives: consumer staples, health care, information technology, real estate, utilities; Neutral: consumer discretionary and communication services.

Figure 10: Tactical currency positioning

Underweight US dollar, favoring euro and sterling vs. other developed currencies



Source: Invesco Solutions, Oct. 1, 2025. For illustrative purposes only. Currency allocation process considers four drivers of foreign exchange markets: 1) US monetary policy relative to the rest of the world, 2) global growth relative to consensus expectations, 3) currency yields (i.e., carry), 4) currency long-term valuations.

Regime signal history Recovery Expansion Slowdown Contraction Aug Sep Мау Feb Jun Oct Apr I Market sentiment: Decelerated following Q1 as equity markets had two significant corrections: The Federal Reserve (Fed) hiked rates four times, privacy and regulatory concerns took hold of the technology sector, and trade tensions between the US and China escalated. 2018 Economic data: Was supported by a tight labor market and strong services sector, despite gradual weakening in manufacturing Our regime framework (2 shifts): Risk-on in Q1 and rotated to a defensive stance throughout the year. Defensive asset classes outperformed, led by global fixed income. Market sentiment: Bottomed early and made a significant turnaround midyear as the Fed switched to a dovish stance, eventually leading to rate cuts in H2. US-China trade tensions eased amidst a "Phase One" 2019 Economic data: Deteriorated due to weaker manufacturing and services data. Yield curve inversion raised recessionary concerns. Our regime framework (3 shifts): Defensive in H1, then shifted into a recovery with the combination of below-trend growth but improving market sentiment. Equities posted strong returns led by the US, credit spreads tightened, and duration was supported by interest rate cuts. Market sentiment: Deteriorated quickly as emerging market equities underperformed in response to COVID-19. Sentiment reversed in the summer as large monetary and fiscal stimulus supported the economy. Reopening post-lockdown and vaccine news fueled positive sentiment in Q4. 2020 Economic data: Weakened to historic levels before the eventual economic reopening and resulting rebound. Overall economic data remained below-trend throughout the year. Our regime framework (2 shifts): Rotated into a contraction in February, ahead of the depths of market volatility, and shifted into recovery in June as the global economy reopened, benefiting from cyclical assets outperforming in H2 2020. Market sentiment: Moved higher following the economic reopening in H2 2020. Market volatility fell significantly. Historic levels of fiscal stimulus were enacted in the US, and COVID-19 vaccines were slowly 2021 Economic data: Continued to normalize and moved to above-trend despite supply chain bottlenecks and supply-demand disruptions. Inflationary pressures emerged, and Fed rhetoric became more hawkish in December. Our regime framework (2 shifts): Was in an expansionary regime throughout the year. This was validated as equities, led by the US, outperformed, credit spreads tightened, and bond yields rose. Market sentiment: Peaked early in the year and deteriorated following Russia's invasion of Ukraine, the surge in energy prices, and inflationary pressures. Aggressive monetary policy tightening led to negative growth implications. Economic data: Weakened from 2021 peaks but remained above-trend for roughly half the year. 2022 Consumers benefitted from a tight labor market, fueling strong retail sales, which helped buoy a supply chain-constrained manufacturing sector. Our regime framework (4 shifts): Changed multiple times but spent the bulk of the year positioned defensively. This was beneficial as equities underperformed and duration also sold off meaningfully due to higher rates. Market sentiment: Declined in Q1 following US regional banking failures. Turned positive again in H2 as inflation showed signs of moderating, leading to the end of the Fed hiking cycle. Markets became optimistic on themes including AI advancements and China's post-COVID reopening. 2023 Economic data: Remained below-trend, although supported by consumer spending, business investment, and government spending. Our regime framework (2 shifts): Significantly pivoted from defensive to cyclical in H2, consistent with tightening credit spreads, equity outperformance, and rising bond yields. However, cyclical equities underperformed due to a relentless bid for Al-related, quality, and growth equities. Market sentiment: Rose in H1 as inflation decelerated, markets rewarded AI adoption, and consumer spending remained resilient. Deteriorated in H2 with US election uncertainty, fears over a weakening labor market, and corporate earnings growth concentrated in expensive mega-cap names. 2024 Economic data: Below-trend as the unemployment rate rose despite resilient consumer spending. The Fed began easing, and the yield curve began to steepen. Our regime framework (1 shift): Risk-on until midyear when below-trend and decelerating growth triggered a contraction. Cross-asset class performance in H1 was consistent with this stance, while equity returns were led by the Magnificent 7 and AI theme rather than cyclical fundamental drivers.

Source: Invesco Solutions, as of Sept. 30, 2025.

Investment risks

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All information as of Sept. 30, 2025, in USD, unless stated otherwise.

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