Stocks move higher in May despite a late glitch.

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Monthly snapshot ô

- Global equity markets rallied for much of May 2024, as signs of slowing inflation and weaker-thanexpected economic data bolstered investors' optimism that the Federal Reserve (Fed) and other major central banks will pivot to a rate-cutting cycle by the end of summer. However, stocks weathered a downturn during the last week of the month after Minneapolis Fed President Neel Kashkari raised the possibility of interest-rate hikes.
- Global fixed-income assets also garnered positive returns in May.
 U.S. Treasury yields moved lower for all maturities of six months or greater. (Bond prices move inversely to yields).
- Investors have dramatically scaled back their expectations regarding the number of rate cuts the major central banks will implement this year.

Global equity markets rallied for much of May 2024, as signs of slowing inflation and weaker-than-expected economic data bolstered investors' optimism that the Federal Reserve (Fed) and other major central banks will pivot to a rate-cutting cycle by the end of summer. However, stocks weathered a downturn during the last week of the month after Minneapolis Fed President Neel Kashkari raised the possibility of interest-rate hikes. At the Barclays-CEPR International Monetary Policy Forum in London on May 28, Kashkari commented, "I think the odds of us raising rates are quite low, but I don't want to take anything off the table." Kashkari is not a voting member of the Federal Open Market Committee (FOMC), the Fed's monetary policymaking body responsible for setting the federal-funds rate.

The Nordic countries were the strongest performers among developed equity markets in May, led by Norway and Finland. North America also posted a notable gain attributable mainly to a strong rally in the U.S. The Far East recorded a positive return for the month, but was the primary developed-market laggard due to relative weakness in Japan and Hong Kong. Europe was the top performer within emerging markets for the month, attributable primarily to strength in the Czech Republic. Conversely, Latin America posted a negative return and was the most notable underperformer due to weakness in Brazil.¹

Global fixed-income assets, as measured by the Bloomberg Global Aggregate Bond Index, gained 1.3% in May. Mortgage-backed securities (MBS) were the strongest performers within the U.S. fixed-income market, followed by corporate bonds, U.S. Treasury securities, and high-yield bonds.² Treasury yields moved lower for all maturities of six months or greater. Yields on 2-, 3-, 5- and 10-year Treasury notes decreased 0.15%, 0.18%, 0.20%, and 0.18%, respectively, in May. The spread between 10- and 2-year notes widened from -0.35% to -0.38% over the month, and the yield curve remained inverted.³

¹All equity market performance statements are based on the MSCI ACWI Index.

² According to the Bloomberg US Mortgage Backed Securities Index, the Bloomberg US Corporate Investment Grade Index, the Bloomberg US Treasury Index, and the Bloomberg US High Yield Index.

³ According to the U.S. Department of the Treasury. As of 31 May 2024.

Key measures: May 2024

Equity	
Dow Jones Industrial Average	2.58% 🕜
S&P 500 Index	4.96% 🕜
NASDAQ Composite Index	6.98% 🕜
MSCI ACWI Index (Net)	4.06% 🚺
Bond	
Bloomberg Global Aggregate Index	1.31% 🚹
Volatility	
Chicago Board Options Exchange Volatility Index PRIOR MONTHLY: 15.65	12.92 😍
Oil	
WTI Cushing crude oil prices PRIOR MONTHLY: \$81.93	\$76.99 😍
Currencies	
Sterling vs. U.S. dollar	\$1.27 🕜
Euro vs. U.S. dollar	\$1.09 🕜
U.S. dollar vs. yen	¥157.15 🔥

Sources: Bloomberg, FactSet, Lipper

Global commodity prices, as measured by the Bloomberg Commodity Total Return Index, advanced 1.8% in May. The West Texas Intermediate (WTI) and Brent crude oil prices each fell 6.0% due to concerns that softening demand for gasoline could lead to lower oil prices. The New York Mercantile Exchange (NYMEX) natural gas price surged nearly 30% over the month due to strong demand and a decline in production in the U.S. The gold spot price rose 1.9% in May as the ongoing Israel-Hamas conflict prompted investors to seek "safehaven" investments, along with weakness in the U.S. dollar. (The gold price generally moves inversely to the U.S. dollar.) Wheat prices climbed 12.5% for the month on speculation that below-average rainfall in Russia and the Southern Plains in the U.S. could lead to supply constraints.⁴

According to minutes from the FOMC's 30 April 1 May meeting, released on 22 May, the members reiterated their view that the inflation rate would fall to 2% over the medium term. However, they cautioned that recent data had not boosted their confidence to convince them that there had been progress toward the 2% level. Consequently, the FOMC participants noted that "the disinflation process would likely take longer than previously thought." The members also discussed the need to maintain restrictive monetary policy for a longer period if inflation does not "show signs of moving sustainably toward 2 percent or reducing policy restraint in the event of an unexpected weakening in labor market conditions. Various participants mentioned a willingness to tighten [monetary] policy further should risks to inflation materialise in a way that such an action became appropriate."

As of the end of May, The CME Group's FedWatch Tool implied a 15% chance that the central bank will implement an initial rate cut of 25 basis points (0.25%) following its meeting on 30-31 July. The FedWatch Tool provides a gauge of the markets' expectations of potential changes to the federal-funds target rate while assessing potential Fed monetary policy actions at Federal Open Market Committee (FOMC) meetings. The FedWatch Tool reflected a 49% likelihood that the central bank will cut the federal-funds rate by 25 basis points to a range of 5.00-5.25% at its meeting on September 17-18.⁵ The FOMC's next meeting is scheduled for 11-12 June.

⁴ According to market data from The Wall Street Journal.

⁵ According to CME Group. 31 May 31 2024.

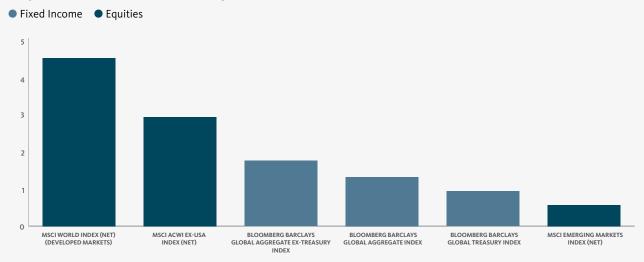
All references to performance are in US dollar terms unless otherwise noted. See Standardised Performance for more information. For professional clients only. Not suitable for retail distribution.

Economic data

U.S.

The Department of Labor reported that the consumer-price index (CPI) rose 0.3% in April, marginally lower than the 0.4% increase in March. The 3.4% year-over-year advance for the index was in line with market expectations, and was down slightly from the 3.5% annual rise in March. Housing and gasoline prices comprised roughly 70% of the month-over-month increase in the CPI. Housing costs rose 0.4% and 5.5% in April and year-over-year, respectively, while gasoline prices posted corresponding increases of 2.8% and 1.2% in April and the previous 12-month period. Food prices were flat in April following a 0.1% uptick in March, and rose 2.2% year-over-year, matching the annual upturn for the preceding month. The 3.6% rolling 12-month rise in core inflation, as measured by the CPI for all items less food and energy, was down 0.2 percentage point from the year-over-year upturn in March, and represented the smallest annual increase since April 2021.

According to the second estimate from the Department of Commerce, U.S. gross domestic product (GDP) grew at an annualised rate of 1.3% in the first quarter of 2024—down sharply from the 3.4% rise in the fourth quarter of 2023. The latest figure represents a decrease from the initial estimate of 1.6% for first-quarter GDP growth. The change was attributed to downward revisions in consumer spending, private inventory investment (a measure of the changes in values of inventories from one time period to the next), and federal government spending. This was partly offset by upward revisions to state and local government spending, non-residential fixed investment (purchases of both nonresidential structures and equipment and software), residential fixed investment (purchases of private residential structures and residential equipment that property owners us for rentals), and exports.



Major Index Performance in May 2024 (Percent Return)

Sources: FactSet, Lipper

U.K.

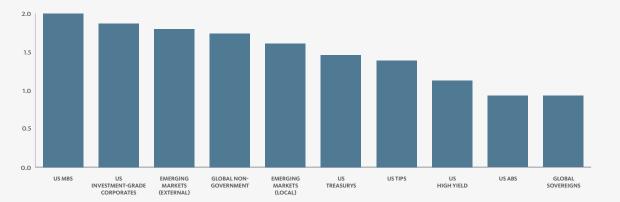
The Office for National Statistics (ONS) reported that inflation in the U.K., as measured by the CPI, rose 0.3% in April, down from the 0.6% increase in March. The CPI's 2.3% year-over-year advance was significantly lower than the 3.2% annual upturn for the previous month. The largest contributors to the 12-month rise in inflation included alcohol and tobacco, as well as health care. These more than offset declines in costs for housing and household services, and furniture and household goods. Core inflation, which excludes volatile food prices, rose at an annual rate of 3.9% in April, down from the 4.2% year-over-year increase in March.⁶

According to the initial estimate of the ONS, U.K. GDP grew 0.4% in March 2024 (the most recent reporting period), following a 0.2% increase in February. GDP grew 0.6% over the three-month period ending March 31. Output in the production and services sectors rose 0.5% and 0.2%, respectively, in March, while construction output fell 0.4%.⁷

Eurozone

Eurostat pegged the inflation rate for the eurozone at 2.4% for the 12-month period ending in April, matching the annual increase in March. Costs in the services sector rose 1.6% for the period. While prices for food, alcohol and tobacco were up 0.6% year-over-year in April, the pace of acceleration slowed considerably from the 2.6% annual rate for the previous month. Energy prices fell 0.6% over the previous 12 months following a 1.8% annual decline in March. Core inflation, which excludes volatile energy and food prices, rose at an annual rate of 2.7% in April, down 0.2 percentage point from the 2.9% year-over-year inCrease in March.⁸

- ⁶ According to the ONS. 22 May 2024.
- ⁷ According to the ONS. 10 May 2024.
- ⁸ According to Eurostat. 17 May 2024.

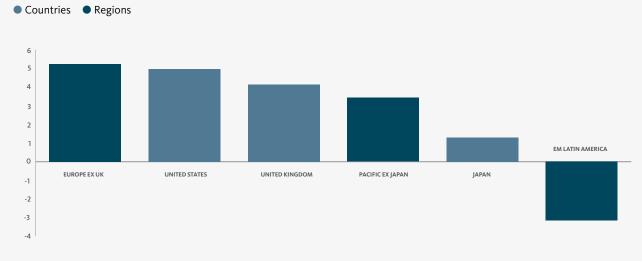


Fixed-Income Performance in May 2024 (Percent Return)

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Sources: FactSet, Lipper. See "Corresponding Indexes for Fixed-Income Performance Exhibit" in the Index descriptions section for more information.

Regional Equity Performance in May 2024 (Percent Return)



Sources: FactSet, Lipper. See "Corresponding Indexes for Regional Equity Performance Exhibit" in the Index descriptions section for more information.

Eurostat also reported that eurozone GDP edged up 0.3% in the first quarter of 2024, following a flat reading for the fourth quarter of 2023, and was up 0.4% year-over-year. The economies of Ireland, Hungary, and Lithuania were the strongest performers for the first quarter, expanding 1.1%, 0.8%, and 0.8%, respectively. Conversely, Sweden's GDP ticked down 0.1% during the quarter.⁹

Central banks

During an appearance at the Peterson Institute for International Economics in Washington, D.C., on 21 May, Fed Governor Christopher J. Waller acknowledged that inflation has been stickier than the central bank had anticipated. However, he noted that "more recent data on the economy indicate that restrictive monetary policy is helping to cool off aggregate demand and the inflation data for April suggest that progress toward 2 percent has likely resumed. Central bankers should never say never, but the data suggests that inflation isn't accelerating, and I believe that further increases in the policy rate are probably unnecessary." Peterson noted that data for April indicated that the economy may be cooling, citing flat retail sales growth, declines in manufacturing and business activity, as well as a slowdown in the labor market.

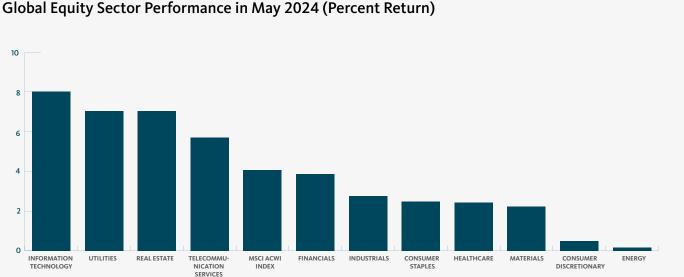
 The Bank of England (BOE) left the Bank Rate unchanged at a 15-year high of 5.25% following its meeting on 8 May. In its announcement of the rate decision, the BOE commented, "Monetary policy will need to remain restrictive for sufficiently long to return inflation to the 2% target sustainably in the medium term in line with the [Monetary Policy Committee's] remit. The Committee has judged since last autumn that monetary policy needs to be restrictive for an extended period of time until the risk of inflation becoming embedded above the 2% target dissipates." The BOE cited several inflationary pressures, including the tight labor market, wage growth, and services price inflation.

⁹ According to Eurostat. 30 April 2024.

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• The European Central Bank (ECB) left its benchmark interest rate unchanged at 4.50% following its meeting on 11 April, but left the door open for possible rate cuts in the not-to-distant future. In a statement announcing the rate decision, the ECB's Governing Council noted that its actions going forward "will ensure that its policy rates will stay sufficiently restrictive for as long as necessary. If the Governing Council's updated assessment of the inflation outlook, the dynamics of underlying inflation and the strength of monetary policy transmission were to further increase its confidence that inflation is converging to the target in a sustained manner, it would be appropriate to reduce the current level of monetary policy restriction." The ECB's statement boosted hopes that the central bank will pivot to rate cuts at its next meeting in early June.

In its "Summary of Opinions at the Monetary Policy Meeting" of 25-26 April, released on 9 May, the Bank of Japan (BOJ) noted, "Japan's economy has recovered moderately, although some weakness has been seen in part. It is likely to keep growing at a pace above its potential growth rate, as a virtuous cycle from income to spending gradually intensifies." Regarding monetary policy, the central bank commented, "If the outlook for economic activity and prices will be realised and underlying inflation will increase, the Bank will adjust the degree of monetary accommodation, while it anticipates that accommodative financial conditions will be maintained for the time being." The BOJ maintained its benchmark interest rate in a range of 0.0% to 0.1% after its meeting in late April. The central bank's next meeting is scheduled for 13-14 June.



Sources: FactSet, Lipper. MSCI ACWI Index Components (as defined by SEI).

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SEI's view

The global economic environment appears to be on the upswing. Services continue to lead the way, but manufacturing also is exhibiting renewed signs of life. The U.K has logged surprising strength relative to market expectations. Japan and Europe also are delivering better results. The U.S. economy still appears in good shape, but the data have recently begun to fall short of the market's lofty expectations.

Central bank divergence should be a key theme in the coming months as we believe that the ECB and the BOE will cut interest rates before the Fed. Inflation continues to be sticky in the U.S. and the U.K., although declining electricity and fuel costs in the latter country could pull headline CPI below the BOE's 2% target in the months ahead. Despite weakness in crude oil, commodity prices should continue to strengthen amid a rebound in Chinese demand and strong infrastructure needs stemming from the artificial intelligence (AI) build-out and the energy transition.

Investors have dramatically scaled back their expectations regarding the number of rate cuts the major central banks will implement this year. This a theme that may continue into 2025 if wage pressures reaccelerate and inflation remains surprisingly sticky.

The U.S. broad-market S&P 500 Index currently trades at a forward priceto-earnings (P/E) ratio of around 20, which is above the 10-year average of roughly 18.¹⁰ The bar has been set fairly high for earnings to outperform expectations and drive prices higher. According to financial data services provider FactSet, 78% of the companies in the S&P 500 Index reporting firstquarter 2024 results as of the end of May posted earnings per share that beat consensus estimates—slightly above the five- and ten-year averages of 77% and 74%, respectively. The sectors with the most positive earnings surprises were communication services and financials.¹¹ We at SEI continue to favour more value-oriented market segments such as financials, as the sector looks attractive from a price/earnings multiple perspective, and we still expect higher interest rates into the summer months. Investors have dramatically scaled back their expectations regarding the number of rate cuts the major central banks will implement this year.

¹⁰ According to FactSet. 31 May 2024.

¹¹ According to FactSet. 31 May 2024.

Standardised Performance

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IPMorgan GBI-EM Global Diversified Index 5.09% 3.06% -16.36% 8.15% 2.059 Regional Equity Performance Image State St	US High Yield	ICE BofAML US High Yield Constrained Index	11.18%	-0.17%	-5.00%	15.13%	0.30%
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apan TOPIX, also known as the Tokyo Stock Price Index 18.37% 5.40% -13.40% 23.70% 6.989 Global Equity Sector Performance WSCI ACWI Index 23.56% 0.85% -6.78% 41.85% 5.439 MSCI ACWI Consumer Discretionary Index 17.57% 0.13% -20.94% 50.12% 12.19 MSCI ACWI Consumer Staples Index 6.04% 0.76% -1.75% 22.35% 3.059 MSCI ACWI Energy Index 26.27% -8.99% 46.19% 34.64% -29.58 MSCI ACWI Financials Index 30.30% -5.47% -5.35% 58.84% -15.50 MSCI ACWI Healthcare Index 11.91% -0.45% 1.20% 19.14% 23.07 MSCI ACWI Industrials Index 27.12% 5.67% -12.31% 49.85% -3.58% MSCI ACWI Industrials Index 33.48% 13.78% -5.93% 48.16% 33.11% MSCI ACWI Information Technology Index 31.08% -0.54% -22.87% 42.98% 10.90% MSCI ACWI Telecommunication Services Index 14.17% -8.52% 7.45% 16.75% 27.69% <td>Pacific ex Japan</td> <td>MSCI Pacific ex Japan Index (Net)</td> <td>11.04%</td> <td>-6.91%</td> <td>-8.59%</td> <td>47.28%</td> <td>-14.10%</td>	Pacific ex Japan	MSCI Pacific ex Japan Index (Net)	11.04%	-6.91%	-8.59%	47.28%	-14.10%
Global Equity Sector Performance MSCI ACWI Index 23.56% 0.85% -6.78% 41.85% 5.439 MSCI ACWI Consumer Discretionary Index 17.57% 0.13% -20.94% 50.12% 12.19 MSCI ACWI Consumer Staples Index 6.04% 0.76% -1.75% 22.35% 3.059 MSCI ACWI Consumer Staples Index 26.27% -8.99% 46.19% 34.64% -29.58 MSCI ACWI Energy Index 26.27% -5.35% 58.84% -15.50 MSCI ACWI Financials Index 11.91% -0.45% 1.20% 19.14% 23.07 MSCI ACWI Industrials Index 11.91% -0.45% 1.20% 19.14% 23.07 MSCI ACWI Industrials Index 11.91% -0.45% 1.20% 19.14% 23.07 MSCI ACWI Industrials Index 27.12% 5.67% -12.31% 49.85% -3.58% MSCI ACWI Information Technology Index 33.48% 13.78% -5.93% 48.16% 33.11* MSCI ACWI Indextrials Index 17.36% -10.95% -5.06% 61.35% 0.66% MSCI ACWI Indexterials Index 17.36% -0.54% <td>United States</td> <td>S&P 500 Index</td> <td>28.19%</td> <td>2.92%</td> <td>-0.30%</td> <td>40.32%</td> <td>12.84%</td>	United States	S&P 500 Index	28.19%	2.92%	-0.30%	40.32%	12.84%
MSCI ACWI Index 23.56% 0.85% -6.78% 41.85% 5.439 MSCI ACWI Consumer Discretionary Index 17.57% 0.13% -20.94% 50.12% 12.19 MSCI ACWI Consumer Staples Index 6.04% 0.76% -1.75% 22.35% 3.059 MSCI ACWI Consumer Staples Index 6.04% 0.76% -1.75% 22.35% 3.059 MSCI ACWI Energy Index 26.27% -8.99% 46.19% 34.64% -29.58 MSCI ACWI Financials Index 30.30% -5.47% -5.35% 58.84% -15.50 MSCI ACWI Healthcare Index 11.91% -0.45% 1.20% 19.14% 23.07 MSCI ACWI Industrials Index 27.12% 5.67% -12.31% 49.85% -3.58% MSCI ACWI Information Technology Index 33.48% 13.78% -5.93% 48.16% 33.11* MSCI ACWI Materials Index 17.36% -10.95% -5.06% 61.35% 0.669 MSCI ACWI Information Technology Index 31.08% -0.54% -22.87% 42.98% 10.90 MSCI ACWI Information Services Index 31.08% -0.54% -22.87%	Japan	TOPIX, also known as the Tokyo Stock Price Index	18.37%	5.40%	-13.40%	23.70%	6.98%
MSCI ACWI Consumer Discretionary Index 17.57% 0.13% -20.94% 50.12% 12.19 MSCI ACWI Consumer Staples Index 6.04% 0.76% 1.75% 22.35% 3.059 MSCI ACWI Energy Index 26.27% -8.99% 46.19% 34.64% -29.58 MSCI ACWI Financials Index 30.30% -5.47% -5.35% 58.84% -15.50 MSCI ACWI Healthcare Index 11.91% -0.45% 1.20% 19.14% 23.07 MSCI ACWI Industrials Index 27.12% 5.67% -12.31% 49.85% -3.58% MSCI ACWI Information Technology Index 33.48% 13.78% -5.93% 48.16% 33.11* MSCI ACWI Materials Index 17.36% -10.95% -5.06% 61.35% 0.669 MSCI ACWI Information Technology Index 31.08% -0.54% -22.87% 42.98% 10.90 MSCI ACWI Indexrials Index 14.17% -8.52% 7.45% 16.75% 2.76%	Global Equity Sector Performance						
MSCI ACWI Consumer Staples Index 6.04% 0.76% -1.75% 22.35% 3.059 MSCI ACWI Energy Index 26.27% -8.99% 46.19% 34.64% -29.58 MSCI ACWI Financials Index 30.30% -5.47% -5.35% 58.84% -15.50 MSCI ACWI Healthcare Index 11.91% -0.45% 1.20% 19.14% 23.07 MSCI ACWI Industrials Index 27.12% 5.67% -12.31% 49.85% -3.58 MSCI ACWI Industrials Index 27.12% 5.67% -12.31% 49.85% -3.58 MSCI ACWI Information Technology Index 33.48% 13.78% -5.93% 48.16% 33.11* MSCI ACWI Materials Index 17.36% -10.95% -5.06% 61.35% 0.669 MSCI ACWI Telecommunication Services Index 31.08% -0.54% -22.87% 42.98% 10.90 MSCI ACWI Utilities Index 14.17% -8.52% 7.45% 16.75% 2.769	MSCI ACWI Index		23.56%	0.85%	-6.78%	41.85%	5.43%
MSCI ACWI Energy Index 26.27% -8.99% 46.19% 34.64% -29.58 MSCI ACWI Financials Index 30.30% -5.47% -5.35% 58.84% -15.50 MSCI ACWI Healthcare Index 11.91% -0.45% 1.20% 19.14% 23.07 MSCI ACWI Industrials Index 27.12% 5.67% -12.31% 49.85% -3.58 MSCI ACWI Industrials Index 27.12% 5.67% -12.31% 49.85% -3.58 MSCI ACWI Information Technology Index 33.48% 13.78% -5.93% 48.16% 33.11* MSCI ACWI Materials Index 17.36% -10.95% -5.06% 61.35% 0.669 MSCI ACWI Industrials Index 17.36% -0.54% -22.87% 42.98% 10.90 MSCI ACWI Telecommunication Services Index 14.17% -8.52% 7.45% 16.75% 2.769	MSCI ACWI Consumer Discretionary Index		17.57%	0.13%	-20.94%	50.12%	12.19%
MSCI ACWI Financials Index 30.30% -5.47% -5.35% 58.84% -15.50 MSCI ACWI Healthcare Index 11.91% -0.45% 1.20% 19.14% 23.07 MSCI ACWI Industrials Index 27.12% 5.67% -12.31% 49.85% -3.58 MSCI ACWI Industrials Index 27.12% 5.67% -12.31% 49.85% -3.58 MSCI ACWI Information Technology Index 33.48% 13.78% -5.93% 48.16% 33.11* MSCI ACWI Materials Index 17.36% -10.95% -5.06% 61.35% 0.669 MSCI ACWI Telecommunication Services Index 31.08% -0.54% -22.87% 42.98% 10.90 MSCI ACWI Utilities Index 14.17% -8.52% 7.45% 16.75% 2.769	MSCI ACWI Consumer Staples Index		6.04%	0.76%	-1.75%	22.35%	3.05%
MSCI ACWI Healthcare Index 11.91% -0.45% 1.20% 19.14% 23.07 MSCI ACWI Industrials Index 27.12% 5.67% -12.31% 49.85% -3.58 MSCI ACWI Information Technology Index 33.48% 13.78% -5.93% 48.16% 33.11* MSCI ACWI Materials Index 17.36% -10.95% -5.06% 61.35% 0.669 MSCI ACWI Materials Index 17.36% -0.54% -22.87% 42.98% 10.90 MSCI ACWI Utilities Index 14.17% -8.52% 7.45% 16.75% 2.769	MSCI ACWI Energy Index		26.27%	-8.99%	46.19%	34.64%	-29.58%
MSCI ACWI Industrials Index 27.12% 5.67% -12.31% 49.85% -3.58° MSCI ACWI Information Technology Index 33.48% 13.78% -5.93% 48.16% 33.11' MSCI ACWI Materials Index 17.36% -10.95% -5.06% 61.35% 0.669 MSCI ACWI Telecommunication Services Index 31.08% -0.54% -22.87% 42.98% 10.90 MSCI ACWI Utilities Index 14.17% -8.52% 7.45% 16.75% 2.769	MSCI ACWI Financials Index		30.30%	-5.47%	-5.35%	58.84%	-15.50%
MSCI ACWI Information Technology Index 33.48% 13.78% -5.93% 48.16% 33.11 MSCI ACWI Materials Index 17.36% -10.95% -5.06% 61.35% 0.669 MSCI ACWI Telecommunication Services Index 31.08% -0.54% -22.87% 42.98% 10.90 MSCI ACWI Utilities Index 14.17% -8.52% 7.45% 16.75% 2.769	MSCI ACWI Healthcare Index		11.91%	-0.45%	1.20%	19.14%	23.07%
MSCI ACWI Materials Index 17.36% -10.95% -5.06% 61.35% 0.669 MSCI ACWI Telecommunication Services Index 31.08% -0.54% -22.87% 42.98% 10.90 MSCI ACWI Utilities Index 14.17% -8.52% 7.45% 16.75% 2.769	MSCI ACWI Industrials Index		27.12%	5.67%	-12.31%	49.85%	-3.58%
MSCI ACWI Telecommunication Services Index 31.08% -0.54% -22.87% 42.98% 10.90 MSCI ACWI Utilities Index 14.17% -8.52% 7.45% 16.75% 2.76%	MSCI ACWI Information Technology Index		33.48%	13.78%	-5.93%	48.16%	33.11%
MSCI ACWI Utilities Index 14.17% -8.52% 7.45% 16.75% 2.76%	MSCI ACWI Materials Index		17.36%	-10.95%	-5.06%	61.35%	0.66%
	MSCI ACWI Telecommunication Services Index		31.08%	-0.54%	-22.87%	42.98%	10.90%
MSCI Real Estate Index 7.80% -16.82% -5.26% 27.82% -10.08	MSCI ACWI Utilities Index		14.17%	-8.52%	7.45%	16.75%	2.76%
	MSCI Real Estate Index		7.80%	-16.82%	-5.26%	27.82%	-10.08%

Index Descriptions

The **MSCI ACWI Index** is a market capitalization-weighted index that tracks the performance of over 2,000 companies, and is representative of the market structure of 48 developed and emerging-market countries in North and South America, Europe, Africa, and the Pacific Rim. The index is calculated with net dividends reinvested in U.S. dollars.

The **MSCI EAFE Index** is a market capitalization-weighted equity index that tracks the performance of the developed world outside North America.

The **Bloomberg Global Aggregate Bond Index** is a market capitalization-weighted index that tracks the performance of investment-grade (rated BBB- or higher by S&P Global Ratings/Fitch Ratings or Baa3 or higher by Moody's Investors Service) fixed-income securities denominated in 13 currencies. The index reflects reinvestment of all distributions and changes in market prices.

The **Bloomberg US High Yield Index** tracks the performance of fixed-rate, publicly issued, non-investment-grade (rated BB+ or lower by S&P Global Ratings and Fitch Ratings or Ba1 or lower by Moody's Investors Service) bonds.

The Bloomberg US Treasury Index tracks the performance of fixed-rate, nominal debt issued by the US Treasury.

The **Bloomberg US Corporate Investment Grade Index** tracks the performance of the investment-grade, fixed-rate, taxable corporate bond market.

The **Bloomberg U.S. Mortgage Backed Securities Index** tracks the performance of fixed-rate agency mortgage-backed securities (MBS) guaranteed by the Government National Mortgage Association (GNMA), Federal National Mortgage Association (FNMA), and Freddie Mac (FHLMC).

The **Bloomberg Commodity Total Return Index** comprises futures contracts and tracks the performance of a fully collateralised investment in the index. This combines the returns of the index with the returns on cash collateral invested in 13-week (three-month) U.S. Treasury bills.

Consumer-price indexes measure changes in the price level of a weighted-average market basket of consumer goods and services purchased by households. A consumer price index is a statistical estimate constructed using the prices of a sample of representative items whose prices are collected periodically.

Corresponding Indexes for Key Measures Exhibit

Dow Jones Industrial Average	The Dow Jones Industrial Average is a widely followed market indicator based on a price-weighted average of 30 blue-chip New York Stock Exchange stocks that are selected by editors of The Wall Street Journal.
NASDAQ Composite Index	The NASDAQ Composite Index is a market-value-weighted index of all common stocks listed on the National Association of Securities Dealers Automated Quotations (NASDAQ) system, representing a subset of the US equity market.
MSCI ACWI Index	The MSCI ACWI Index is a market-capitalisation-weighted index composed of over 2,000 companies, and is representative of the market structure of 46 developed- and emerging-market countries in North and South America, Europe, Africa and the Pacific Rim. The Index is calculated with net dividends reinvested in US dollars.
Bloomberg Global Aggregate Index	The Bloomberg Global Aggregate Index is an unmanaged market-capitalisation-weighted benchmark that tracks the performance of investment-grade fixed-income securities denominated in 13 currencies. The Index reflects reinvestment of all distributions and changes in market prices.
Chicago Board Options Exchange Volatility Index (VIX)	The Chicago Board Options Exchange Volatility Index (VIX) tracks the expected volatility in the S&P 500 Index over the next 30 days. A higher number indicates greater volatility.

Corresponding Indexes for Major Index Performance Exhibit

MSCI ACWI ex-USA Index	The MSCI ACWI ex-USA Index includes both developed- and emerging-market countries, excluding the US.
MSCI Emerging Markets Index	The MSCI Emerging Markets Index is a free float-adjusted market-capitalisation-weighted index designed to measure the performance of global emerging-market equities.
MSCI World Index	The MSCI World Index is a free float-adjusted market-capitalisation-weighted index that is designed to measure the equity market performance of developed markets.
Bloomberg Global Aggregate Index	The Bloomberg Global Aggregate Index is an unmanaged market-capitalisation-weighted benchmark that tracks the performance of investment-grade fixed-income securities denominated in 13 currencies. The Index reflects reinvestment of all distributions and changes in market prices.
Bloomberg Global Aggregate ex- Treasury Index	The Bloomberg Global Aggregate ex-Treasury Index is an unmanaged market index representative of the total return performance of ex-Treasury major world bond markets.
Bloomberg Global Treasury Index	The Bloomberg Global Treasury Index is composed of those securities included in the Bloomberg Global Aggregate Index that are Treasury securities.

Corresponding Indexes for Fixed-Income Performance Exhibit

US High Yield	ICE BofA U.S. High Yield Constrained Index
Global Sovereigns	Bloomberg Global Treasury Index
Global Non-Government	Bloomberg Global Aggregate ex-Treasury Index
Emerging Markets (Local)	JPMorgan GBI-EM Global Diversified Index
Emerging Markets (External)	JPMorgan EMBI Global Diversified Index
US Mortgage-Backed Securities (MBS)	Bloomberg U.S. Mortgage Backed Securities Index
US Asset-Backed Securities (ABS)	Bloomberg U.S. Asset-Backed Securities Index
US Treasurys	Bloomberg U.S. Treasury Index
US Treasury Inflation-Protected Securities (TIPS)	Bloomberg 1-10 Year U.S. TIPS Index
US Investment-Grade Corporates	Bloomberg U.S. Corporate Bond Index

Corresponding Indexes for Regional Equity Performance Exhibit	
United States	S&P 500 Index
United Kingdom	FTSE All-Share Index
Pacific ex Japan	MSCI Pacific ex Japan Index (Net)
Japan	TOPIX, also known as the Tokyo Stock Price Index
Europe ex UK	MSCI Europe ex UK Index (Net)
EM Latin America	MSCI Emerging Markets Latin America Index (Net)

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