ARCADIA
WEALTH MANAGEMENT

Q3

Quarterly Market Review

Third Quarter 2024

Quarterly Market Review

This report features world capital market performance and a timeline of events for the past quarter. It begins with a global overview, then features the returns of stock and bond asset classes in the US and international markets. The report concludes with a quarterly topic.

Overview:

Market Summary

World Stock Market Performance

US Stocks

International Developed Stocks

Emerging Markets Stocks

Country Returns

Real Estate Investment Trusts (REITs)

Commodities

Fixed Income

Global Fixed Income

Quarterly Topic: Looking to Stick the Landing? Shake Off the Volatility.

Quarterly Market Summary

Returns (USD), as of September 30, 2024

	Stocks				Bonds	
	US Stock Market	International Developed Stocks	Emerging Markets Stocks	Global Real Estate	US Bond Market	Global Bond Market ex US
Q3 2024	6.23%	7.76%	8.72%	16.04%	5.20%	3.48%
Since January 2001						
Average Quarterly Return	2.4%	1.7%	2.6%	2.3%	1.0%	1.0%
Best Quarter	22.0% **2020 Q2**	25.9% **2009 Q2**	34.7% **2009 Q2**	32.3% **2009 Q3**	6.8% **2023 Q4**	5.4% **2023 Q4**
Worst Quarter	-22.8% **2008 Q4**	-23.3% **2020 Q1**	-27.6% **2008 Q4**	-36.1% **2008 Q4**	-5.9% **2022 Q1**	-4.1% **2022 Q1**

Past performance is not a guarantee of future results. Indices are not available for direct investment. Index performance does not reflect the expenses associated with the management of an actual portfolio. Market segment (index representation) as follows: US Stock Market (Russell 3000 Index), International Developed Stocks (MSCI World ex USA Index [net dividends]), Emerging Markets (MSCI Emerging Markets Index [net dividends]), Global Real Estate (S&P Global REIT Index [net dividends]), US Bond Market (Bloomberg US Aggregate Bond Index), and Global Bond Market ex US (Bloomberg Global Aggregate ex-USD Bond Index [hedged to USD]). S&P data © 2024 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved. Frank Russell Company is the source and owner of the trademarks, service marks, and copyrights related to the Russell Indexes. MSCI data © MSCI 2024, all rights reserved. Bloomberg data provided by Bloomberg.

Long-Term Market Summary

Returns (USD), as of September 30, 2024

	Stocks				Bonds	
	US Stock Market	International Developed Stocks	Emerging Markets Stocks	Global Real Estate	US Bond Market	Global Bond Market ex US
1 Year	35.19%	24.98%	26.05%	30.43%	11.57%	9.78%
5 Years	15.26%	8.36%	5.75%	2.54%	0.33%	0.64%
10 Years	12.83%	5.68%	4.02%	4.92%	1.84%	2.62%

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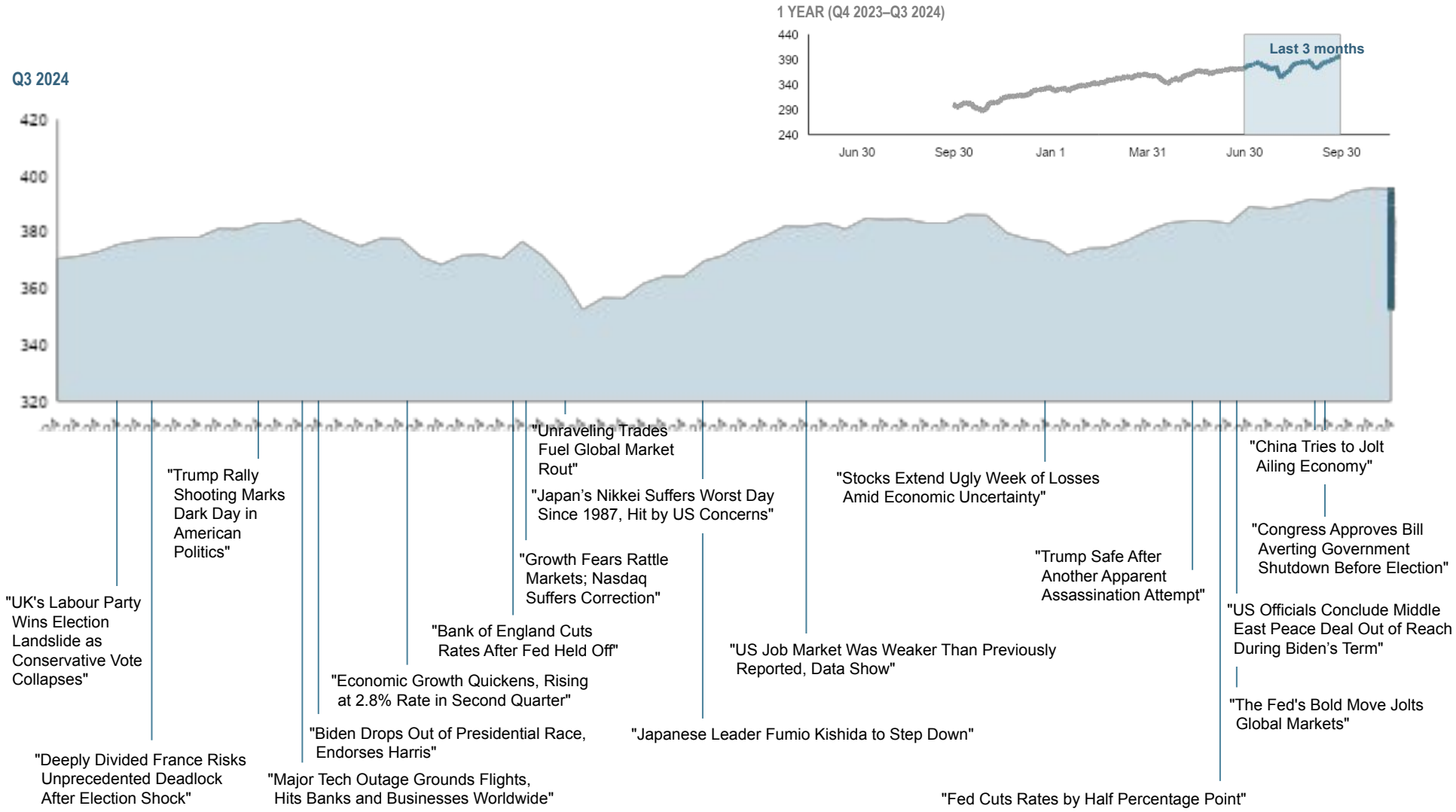
World Stock Market Performance

MSCI All Country World Index with selected headlines from Q3 2024



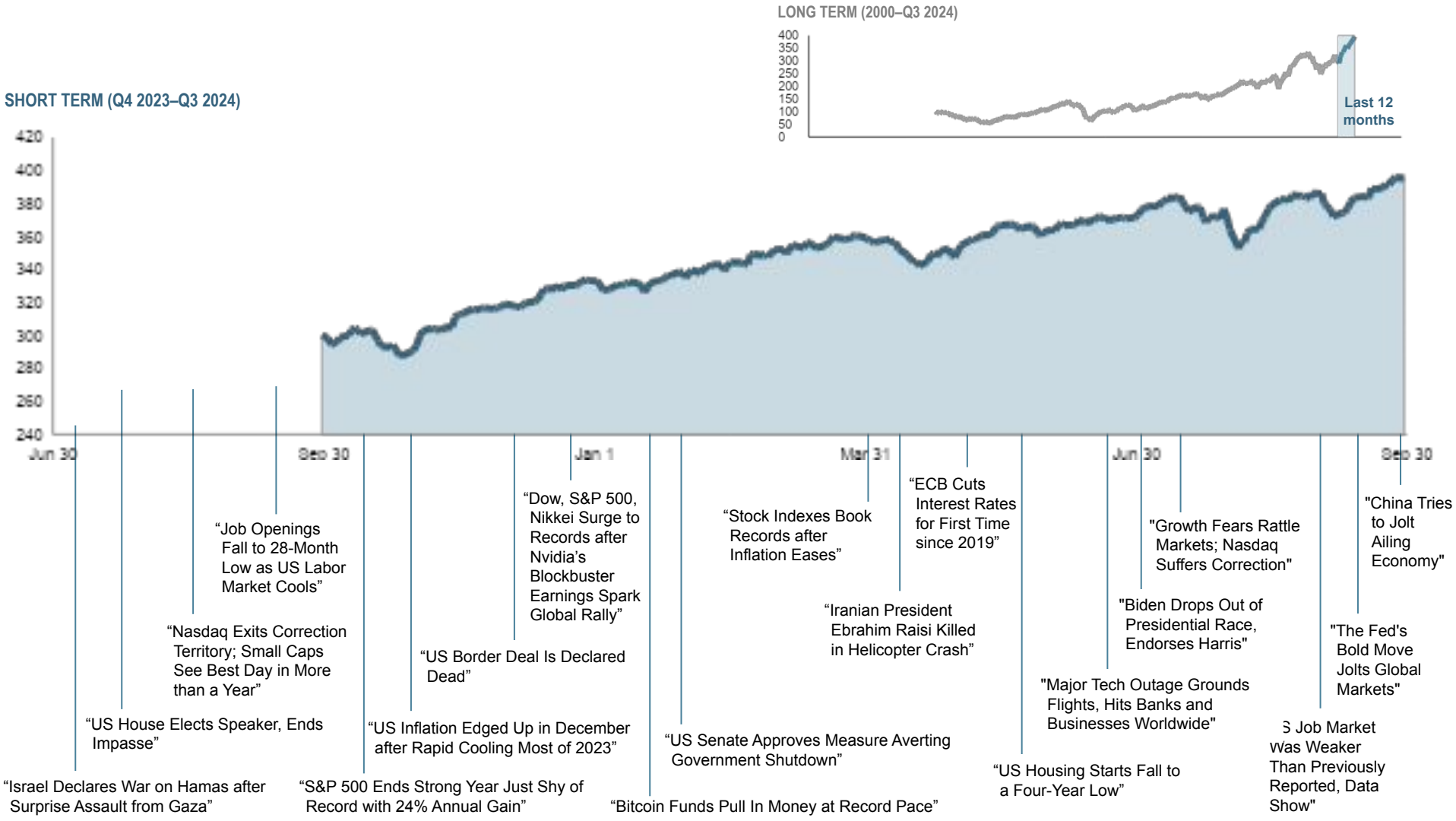
These headlines are not offered to explain market returns. Instead, they serve as a reminder that investors should view daily events from a long-term perspective and avoid making investment decisions based solely on the news.

Graph Source: MSCI ACWI Index (net dividends). MSCI data © MSCI 2024, all rights reserved. Index level based at 100 starting January 2000.

It is not possible to invest directly in an index. Performance does not reflect the expenses associated with management of an actual portfolio. **Past performance is not a guarantee of future results.**

World Stock Market Performance

MSCI All Country World Index with selected headlines from past 12 months



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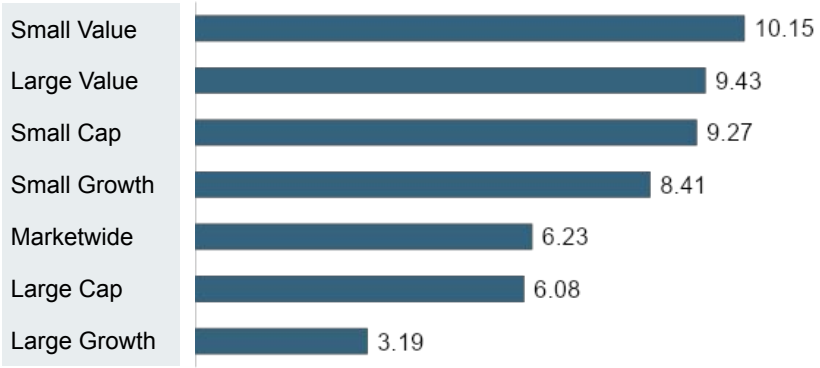
US Stocks

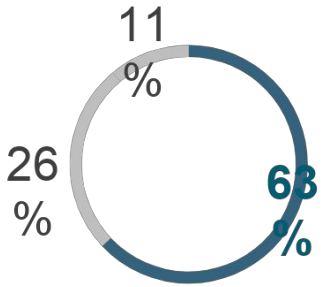
Returns (USD), 3rd Quarter 2024

- The US equity market posted positive returns for the quarter and underperformed both non-US developed and emerging markets.
- Value outperformed growth.
- Small caps outperformed large caps.
- REIT indices outperformed equity market indices.

Ranked Returns (%)



World Market Capitalization



US
$55.4 Trillion

Periodic Returns (%)

			ANNUALIZED			
Asset Class	QTR	YTD	1 Year	3 Years	5 Years	10 Years
Small Value	10.15	9.22	25.88	3.77	9.29	8.22
Large Value	9.43	16.68	27.76	9.03	10.69	9.23
Small Cap	9.27	11.17	26.76	1.84	9.39	8.78
Small Growth	8.41	13.22	27.66	-0.35	8.82	8.95
Marketwide	6.23	20.63	35.19	10.29	15.26	12.83
Large Cap	6.08	21.18	35.68	10.83	15.64	13.10
Large Growth	3.19	24.55	42.19	12.02	19.74	16.52

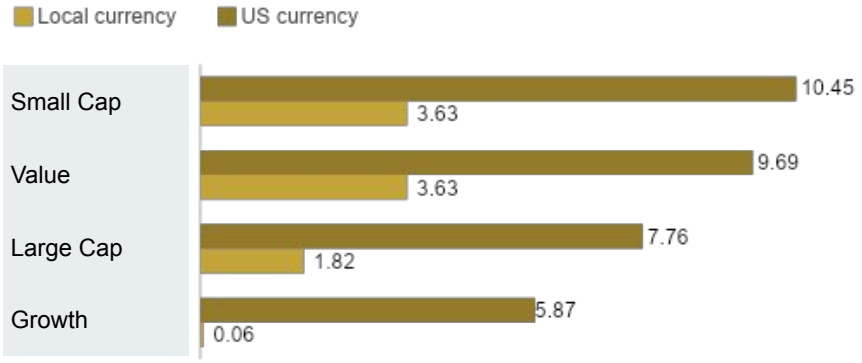
Past performance is not a guarantee of future results. Indices are not available for direct investment. Index performance does not reflect the expenses associated with the management of an actual portfolio. Market segment (index representation) as follows: Marketwide (Russell 3000 Index), Large Cap (Russell 1000 Index), Large Value (Russell 1000 Value Index), Large Growth (Russell 1000 Growth Index), Small Cap (Russell 2000 Index), Small Value (Russell 2000 Value Index), and Small Growth (Russell 2000 Growth Index). World Market Cap represented by Russell 3000 Index, MSCI World ex USA IMI Index, and MSCI Emerging Markets IMI Index. Russell 3000 Index is used as the proxy for the US market. Dow Jones US Select REIT Index used as proxy for the US REIT market. MSCI data © MSCI 2024, all rights reserved. Frank Russell Company is the source and owner of the trademarks, service marks, and copyrights related to the Russell Indexes.

International Developed Stocks

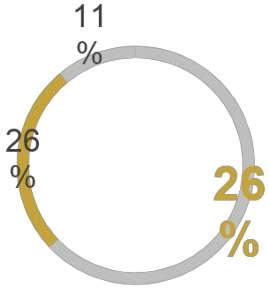
Returns (USD), 3rd Quarter 2024

- Developed markets outside of the US posted positive returns for the quarter and outperformed the US market, but underperformed emerging markets.
- Value outperformed growth.
- Small caps outperformed large caps.

Ranked Returns (%)



World Market Capitalization



International Developed Market
$22.9 Trillion

Periodic Returns (%)

			ANNUALIZED			
Asset Class	QTR	YTD	1 Year	3 Years	5 Years	10 Years
Small Cap	10.45	11.53	23.36	0.05	6.85	5.99
Value	9.69	14.12	23.90	9.14	8.51	4.69
Large Cap	7.76	13.10	24.98	5.65	8.36	5.68
Growth	5.87	12.14	26.18	2.02	7.78	6.41

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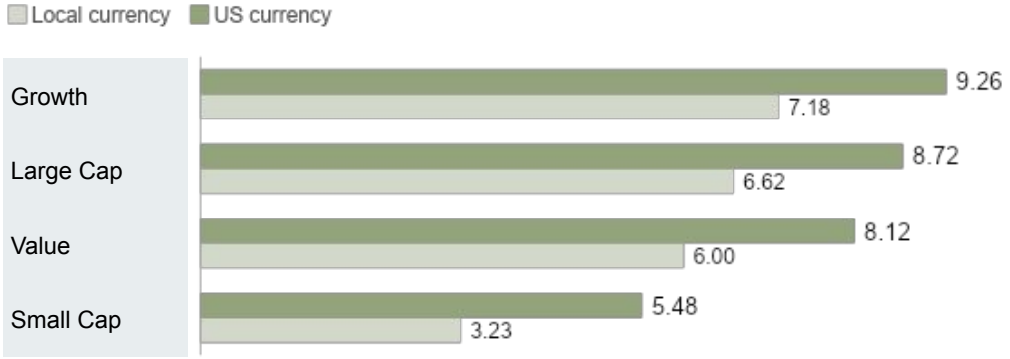
Emerging Markets Stocks

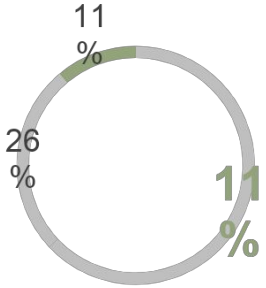
Returns (USD), 3rd Quarter 2024

- Emerging markets posted positive returns for the quarter and outperformed both US and non-US developed markets.
- Value underperformed growth.
- Small caps underperformed large caps.

Ranked Returns (%)



World Market Capitalization



Emerging Markets
$9.7 Trillion

Periodic Returns (%)

Asset Class	QTR	YTD	ANNUALIZED 1 Year	3 Years	5 Years	10 Years
Growth	9.26	18.49	27.64	-2.26	5.45	4.81
Large Cap	8.72	16.86	26.05	0.40	5.75	4.02
Value	8.12	15.11	24.38	3.29	5.94	3.12
Small Cap	5.48	12.91	23.01	5.14	12.22	5.86

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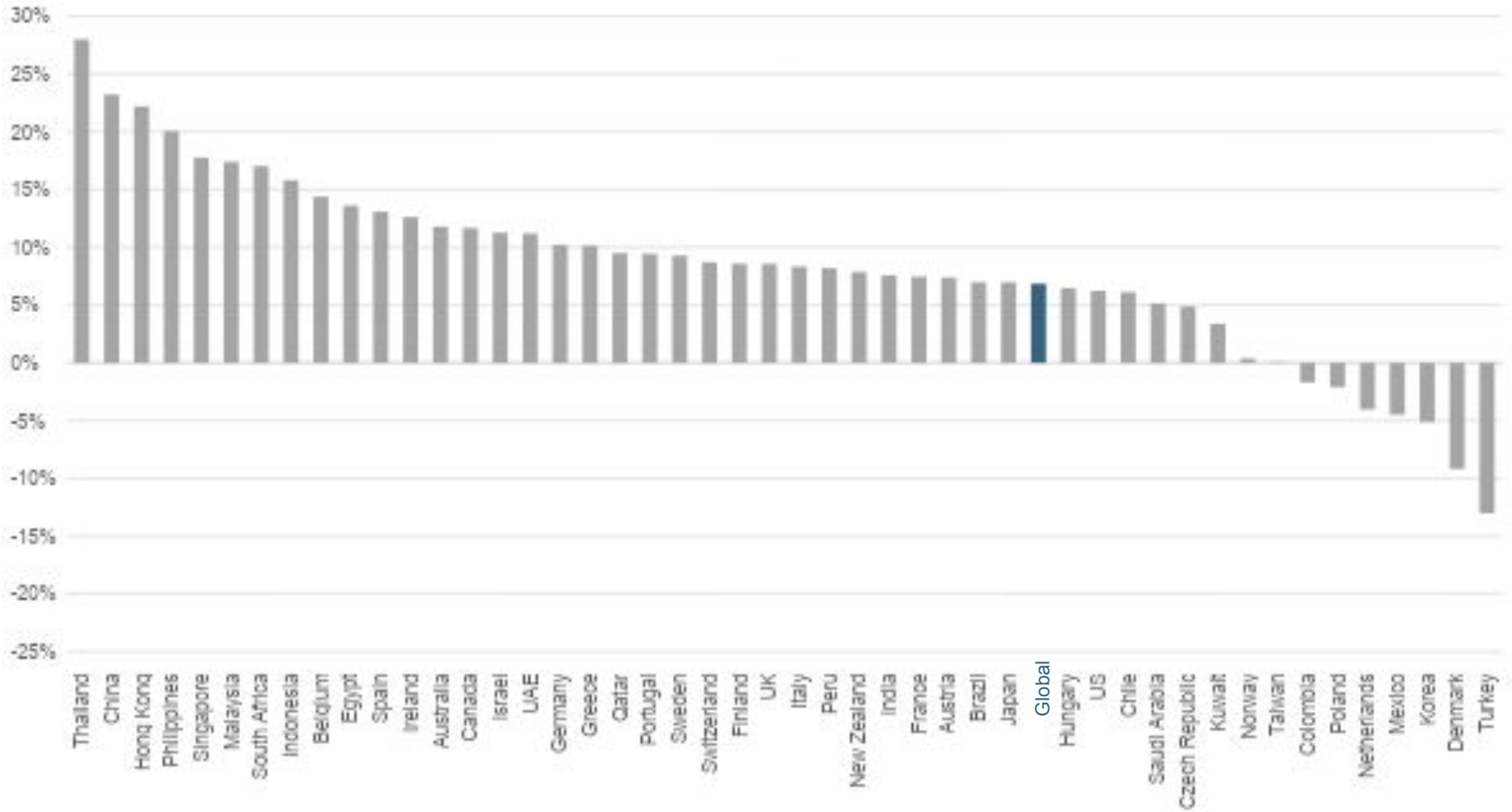
Country Returns

Returns (USD), 3rd Quarter 2024



Past performance is no guarantee of future results.

Country returns are the country component indices of the MSCI All Country World IMI Index for all countries except the United States, where the Russell 3000 Index is used instead. Global is the return of the MSCI All Country World IMI Index. MSCI index returns are net dividend. Indices are not available for direct investment. Their performance does not reflect the expenses associated with the management of an actual portfolio. Frank Russell Company is the source and owner of the trademarks, service marks and copyrights related to the Russell Indexes. MSCI data © MSCI 2024, all rights reserved.

Real Estate Investment Trusts (REITs)

Returns (USD), 3rd Quarter 2024

- US real estate investment trusts underperformed non-US REITs during the quarter.

Ranked Returns (%)

Total Value of REIT Stocks

US
$1,104 billion
102 REITs

Global ex US
$482 billion
272 REITs
(25 other countries)

Periodic Returns (%)

			ANNUALIZED			
Asset Class	QTR	YTD	1 Year	3 Years	5 Years	10 Years
Global ex US REITS	16.75	8.91	25.22	-2.36	-1.18	2.03
US REITS	15.56	14.92	33.71	4.36	4.41	7.03

Past performance is not a guarantee of future results. Indices are not available for direct investment. Index performance does not reflect the expenses associated with the management of an actual portfolio. Number of REIT stocks and total value based on the two indices. All index returns are net of withholding tax on dividends. Total value of REIT stocks represented by Dow Jones US Select REIT Index and the S&P Global ex US REIT Index. Dow Jones US Select REIT Index used as proxy for the US market, and S&P Global ex US REIT Index used as proxy for the World ex US market. Dow Jones and S&P data © 2024 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved.

Commodities

Returns (USD), 3rd Quarter 2024

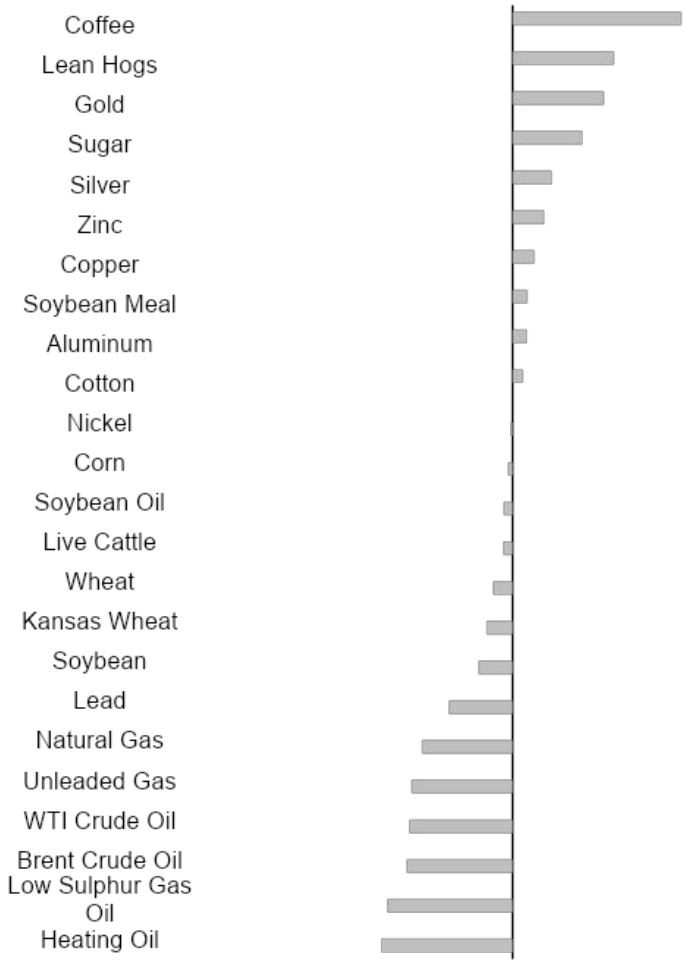
The Bloomberg Commodity Total Return Index returned +0.68% for the third quarter of 2024.

Coffee and Lean Hogs were the best performers, returning +21.17% and +12.70% during the quarter, respectively. Heating Oil and Low Sulphur Gas Oil were the worst performers, returning -16.51% and -15.72% during the quarter, respectively.

Commodities Periodic Returns (%)

		ANNUALIZED			
QTR	YTD	1 Year	3 Years	5 Years	10 Years
0.68	5.86	0.96	3.66	7.79	0.03

Commodities Ranked Returns (%)



Past performance is not a guarantee of future results. Index is not available for direct investment. Index performance does not reflect the expenses associated with the management of an actual portfolio. Commodities returns represent the return of the Bloomberg Commodity Total Return Index. Individual commodities are sub-index values of the Bloomberg Commodity Total Return Index. Data provided by Bloomberg.

Fixed Income

Returns (USD), 3rd Quarter 2024

Interest rates decreased in the US Treasury market for the quarter.

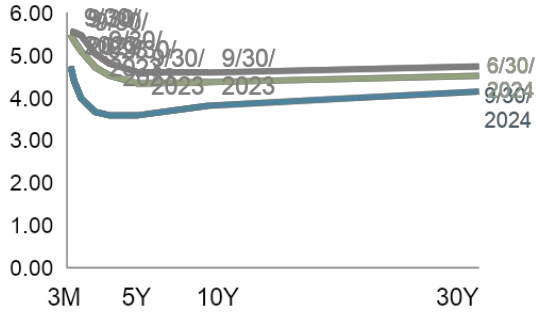
On the short end of the yield curve, the 1-Month US Treasury Bill yield decreased 54 basis points (bps) to +4.93%, while the 1-Year US Treasury Bill yield decreased 111 bps to +3.98%. The yield on the 2-Year US Treasury Note decreased 105 bps to +3.66%.

The yield on the 5-Year US Treasury Note decreased 75 bps to +3.58%. The yield on the 10-Year US Treasury Note decreased 55 bps to +3.81%. The yield on the 30-Year US Treasury Bond decreased 37 bps to +4.14%.

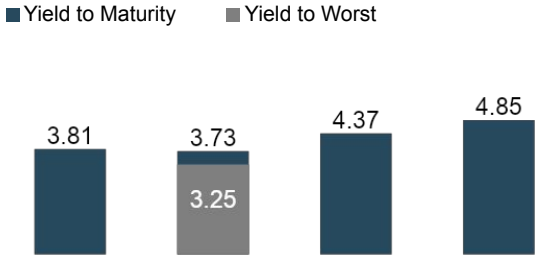
In terms of total returns, short-term US treasury bonds returned +3.43% while intermediate-term US treasury bonds returned +3.97%. Short-term corporate bonds returned +3.75% and intermediate-term corporate bonds returned +4.66%.[1]

The total returns for short- and intermediate-term municipal bonds were +2.31% and +3.09%, respectively. Within the municipal fixed income market, general obligation bonds returned +2.77% while revenue bonds returned +2.70%.[2]

US Treasury Yield Curve (%)



Bond Yield Across Issuers (%)



Periodic Returns (%)

			ANNUALIZED			
Asset Class	QTR	YTD	1 Year	3 Years	5 Years	10 Years
Bloomberg U.S. Government Bond Index Long	7.81	2.44	15.43	-8.32	-4.25	1.09
Bloomberg U.S. High Yield Corporate Bond Index	5.28	8.00	15.74	3.10	4.72	5.04
Bloomberg U.S. Aggregate Bond Index	5.20	4.45	11.57	-1.39	0.33	1.84
FTSE World Government Bond Index 1-5 Years	5.09	3.61	8.74	-0.77	0.36	0.14
Bloomberg U.S. TIPS Index	4.12	4.85	9.79	-0.57	2.62	2.54
FTSE World Government Bond Index 1-5 Years (hedged to USD)	2.98	4.15	7.37	1.36	1.43	1.71
Bloomberg Municipal Bond Index	2.71	2.30	10.37	0.09	1.39	2.52
ICE BofA 1-Year US Treasury Note Index	2.03	4.01	5.87	2.48	1.99	1.55
ICE BofA US 3-Month Treasury Bill Index	1.37	4.03	5.46	3.49	2.32	1.65

1. Bloomberg US Treasury and US Corporate Bond Indices.
2. Bloomberg Municipal Bond Index.

One basis point (bps) equals 0.01%. **Past performance is not a guarantee of future results.** Indices are not available for direct investment. Index performance does not reflect the expenses associated with the management of an actual portfolio. Yield curve data from Federal Reserve. State and local bonds and the Yield to Worst are from the S&P National AMT-Free Municipal Bond Index. AAA-AA Corporates represent the ICE BofA US Corporates, AA-AAA rated. A-BBB Corporates represent the ICE BofA Corporates, BBB-A rated. Bloomberg data provided by Bloomberg. US long-term bonds, bills, inflation, and fixed income factor data © Stocks, Bonds, Bills, and Inflation (SBBI) Yearbook™, Ibbotson Associates, Chicago (annually updated work by Roger G. Ibbotson and Rex A. Sinquefield). FTSE fixed income indices © 2024 FTSE Fixed Income LLC, all rights reserved. ICE BofA index data © 2024 ICE Data Indices, LLC. S&P data © 2024 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved. Bloomberg data provided by Bloomberg.

Global Fixed Income

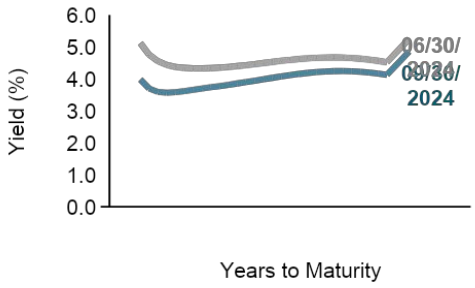
Yield curves, 3rd Quarter 2024

Interest rates generally decreased across global developed markets for the quarter.

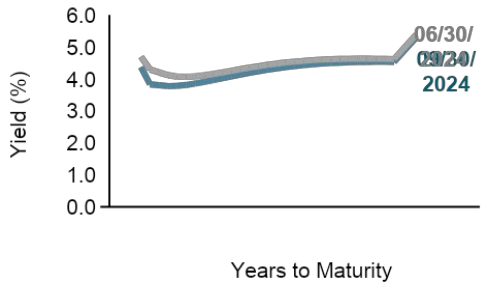
Realized term premiums were broadly positive across global developed markets as longer-term bonds generally outperformed shorter-term bonds.

In Japan, short-term interest rates increased while longer-term interest rates generally decreased. The short-term segment of the yield curve remained inverted in Australia, UK, Germany, and Canada.

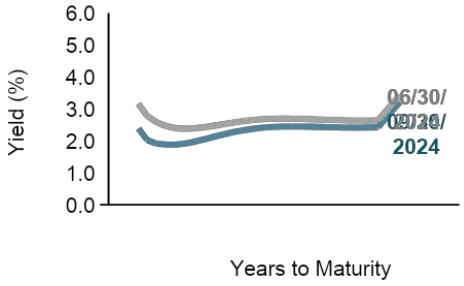
US



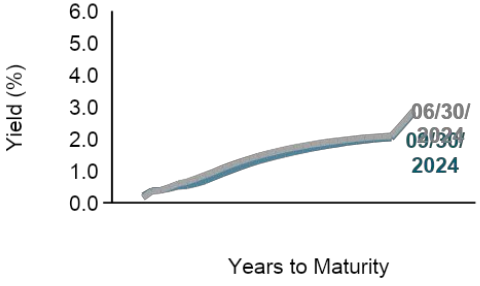
UK



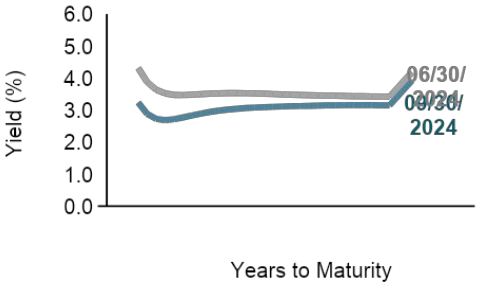
Germany



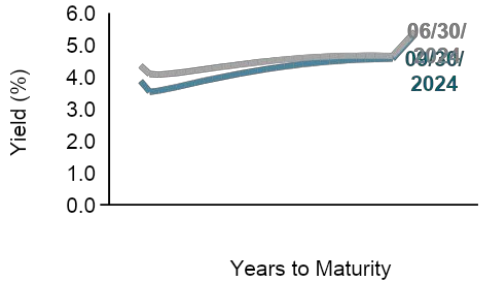
Japan



Canada



Australia



Changes in Yield (bps) Since 6/30/2024

	1Y	5Y	10Y	20Y	30Y
US	-114.0	-79.3	-58.3	-45.7	-39.5
UK	-32.2	-28.6	-17.8	-12.9	-8.0
Germany	-77.0	-53.9	-34.4	-23.9	-21.3
Japan	6.1	-8.4	-17.9	-12.4	-5.9
Canada	-108.0	-75.9	-53.9	-32.8	-26.1
Australia	-48.7	-43.7	-32.5	-18.2	-7.4

One basis point (bps) equals 0.01%. Source: ICE BofA government yield. ICE BofA index data © 2024 ICE Data Indices, LLC.

Looking to Stick the Landing? Shake Off the Volatility.

Third quarter 2024

Samuel Dinamarca, CFA, Associate Investment Strategist, Dimensional Fund Advisors and
Matt Lipps, CFA, Investment Strategist, Dimensional Fund Advisors

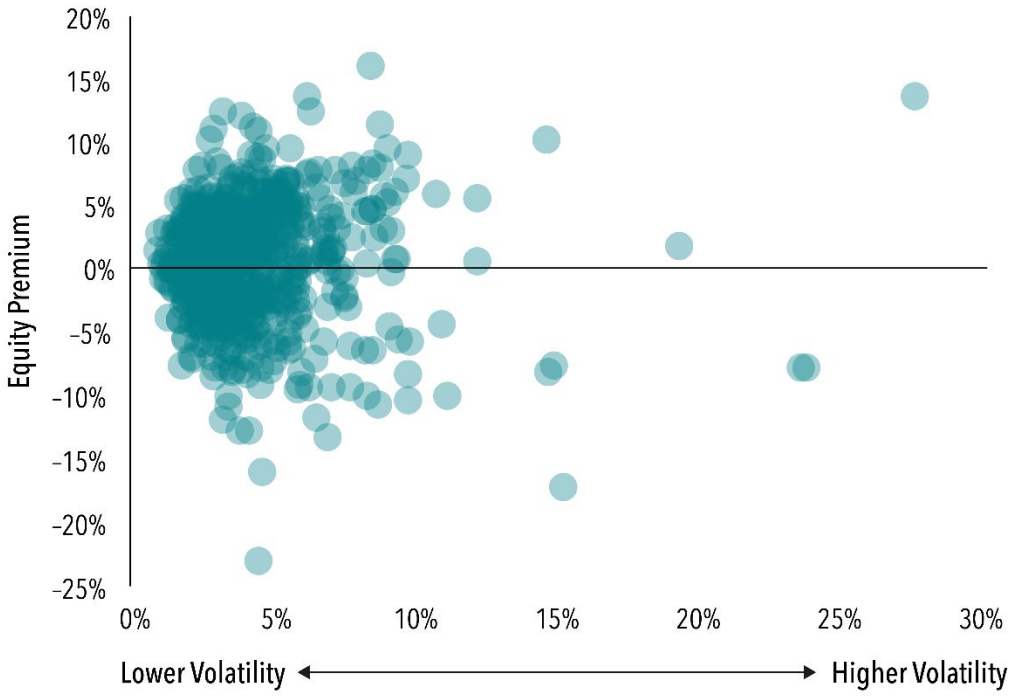
The US stock market has been on a winning streak, so some investors may have been jolted when the S&P 500 fell more than 6% from July 31 to August 5. The Cboe VIX Index, a measure of US stock market volatility, reached 65.7 on August 5. This was its highest level since the COVID-19 pandemic and the largest one-day increase since 1990.

Historical data reminds investors that investing is more of a marathon than a sprint, and short-term volatility is not a reason to take your eyes off the prize. Research shows there is no reliable pattern to suggest that realized volatility is a good predictor of lower (or higher) market returns. So, while an uptick in volatility may make investors uneasy, sitting on the sidelines is unlikely to serve investors well. In fact, a month of top-decile volatility is on average followed by a month with a positive equity premium.

Investors and athletes alike must shake off temporary setbacks and stay focused on the goal ahead if they want to stick the landing.

MONTHLY US EQUITY PREMIUM VS. PRIOR MONTH VOLATILITY

July 1963–June 2024



See following page for important disclosures.

Looking to Stick the Landing? Shake Off the Volatility.

(continued from page 15)

Past performance is no guarantee of future results.

Index Descriptions

Fama/French Total US Market Research Index: July 1926–present: Fama/French Total US Market Research Factor + One-Month US Treasury Bills. Source: Ken French website. Results shown during periods prior to each index's inception date do not represent actual returns of the respective index. Other periods selected may have different results, including losses. Backtested index performance is hypothetical and is provided for informational purposes only to indicate historical performance had the index been calculated over the relevant time periods. Backtested performance results assume the reinvestment of dividends and capital gains.

Data appendix—Fama/French Factors

Fama/French Mkt-Rf: The excess return on the market, value-weighted return of all CRSP firms incorporated in the US and listed on the NYSE, AMEX, or Nasdaq that have a CRSP share code of 10 or 11 at the beginning of month *t*, good shares and price data at the beginning of *t*, and good return data for *t* minus the one-month Treasury bill rate (from Ibbotson Associates).

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