



QUARTERLY MARKET REVIEW

SECOND QUARTER 2024

Quarterly Market Review

Second quarter 2024



The second quarter was a positive one for the U.S. equity markets overall, but there continued to be a divergence among returns. Much of the positive returns in the market of late have been the result of a handful of big tech names, such as Nvidia, but the broader markets have paled in comparison. For instance, the tech-heavy Nasdaq 100 index gained over 8% in the second quarter, but the much more broad Russell 2000 index lost over 3% during that same span.

In recent weeks, however, that narrative has begun to shift, as investors have begun rotating out of the highest flying names. It remains to be seen if this is the beginning of a longer-term trend, or just a momentary pause in the AI-fueled frenzy.

We are fully in the midst of election season, and if the past few weeks are any indication, the next 3+ months are going to be crazy. By the time we send out our next quarterly reports, we will be a mere few days until the elections on November 5. A number of clients have expressed concern about how the outcome might impact the investment markets. Our feeling is that any market reaction will be somewhat short-lived, as history has shown that markets focus over time on the overall health of the economy, rather than emotional reactions to events taking place in the U.S. or abroad.

Warm regards,

A handwritten signature in blue ink that reads 'Tony Reed'.

Tony Reed, CPA, CFP
President

Overview:

Market Summary

World Stock Market Performance

US Stocks

International Developed Stocks

Emerging Markets Stocks

Real Estate Investment Trusts (REITs)

Commodities







Fixed Income

Global Fixed Income

Quarterly Topic: Reality Meets Expectation for the
Mag 7

Quarterly Market Summary


















Index returns

	US Stock Market	International Developed Stocks	Emerging Markets Stocks	Global Real Estate		US Bond Market	Global Bond Market ex US
Q2 2024	STOCKS					BONDS	
	3.22%	-0.60%	5.00%	-1.48%		0.07%	0.11%
							
Since Jan. 2001							
Average Quarterly Return	2.4%	1.6%	2.5%	2.2%		0.9%	0.9%
Best Quarter	22.0%	25.9%	34.7%	32.3%		6.8%	5.4%
	2020 Q2	2009 Q2	2009 Q2	2009 Q3		2023 Q4	2023 Q4
Worst Quarter	-22.8%	-23.3%	-27.6%	-36.1%		-5.9%	-4.1%
	2008 Q4	2020 Q1	2008 Q4	2008 Q4		2022 Q1	2022 Q1

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Long-Term Market Summary

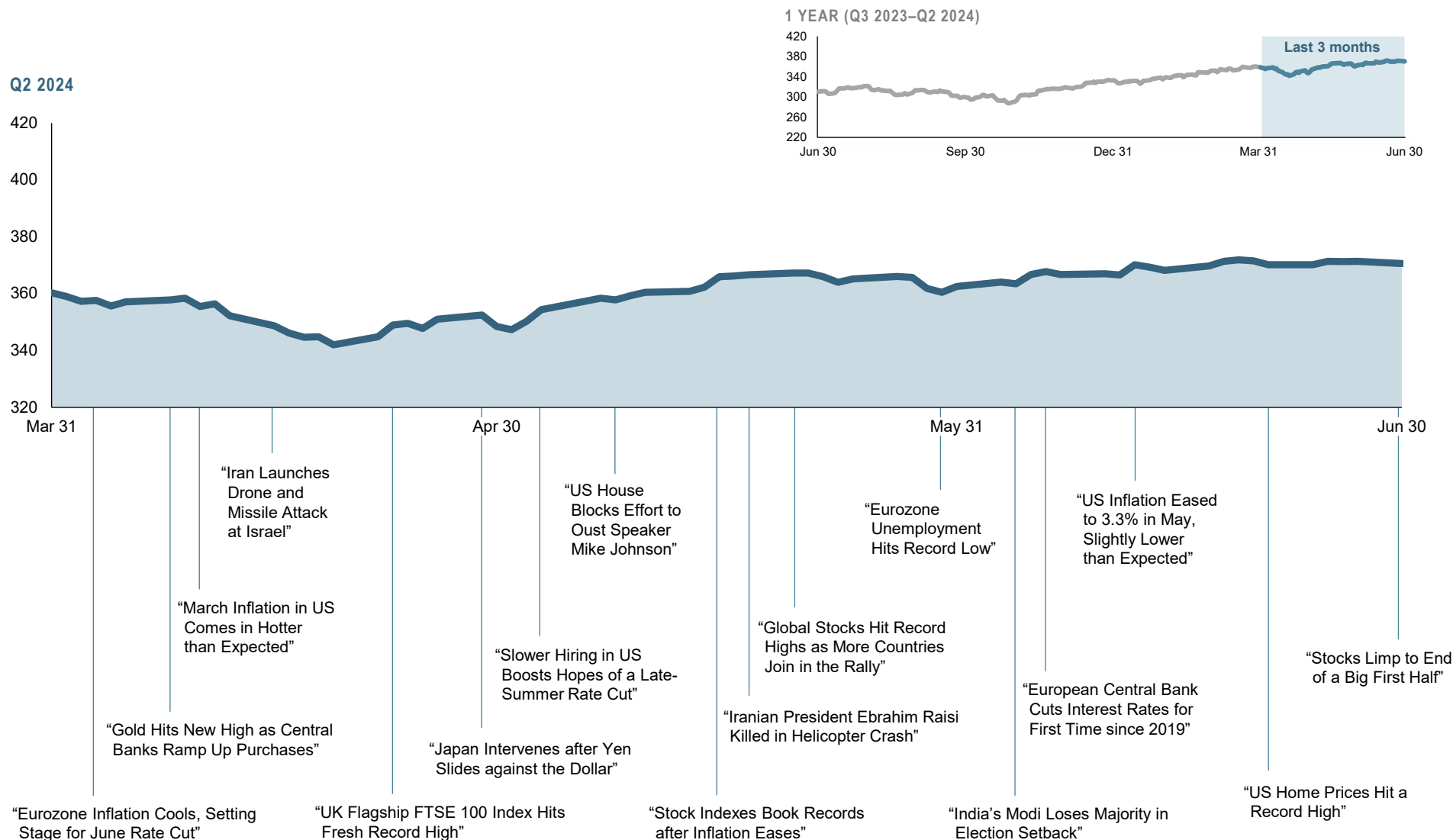
Index returns as of June 30, 2024

	US Stock Market	International Developed Stocks	Emerging Markets Stocks	Global Real Estate		US Bond Market	Global Bond Market ex US
1 Year	STOCKS					BONDS	
	23.13%	11.22%	12.55%	5.10%		2.63%	5.26%
							
5 Years							
	14.14%	6.55%	3.10%	0.65%		-0.23%	0.51%
							
10 Years							
	12.15%	4.27%	2.79%	2.94%		1.35%	2.45%
							

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World Stock Market Performance

MSCI All Country World Index with selected headlines from Q2 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.

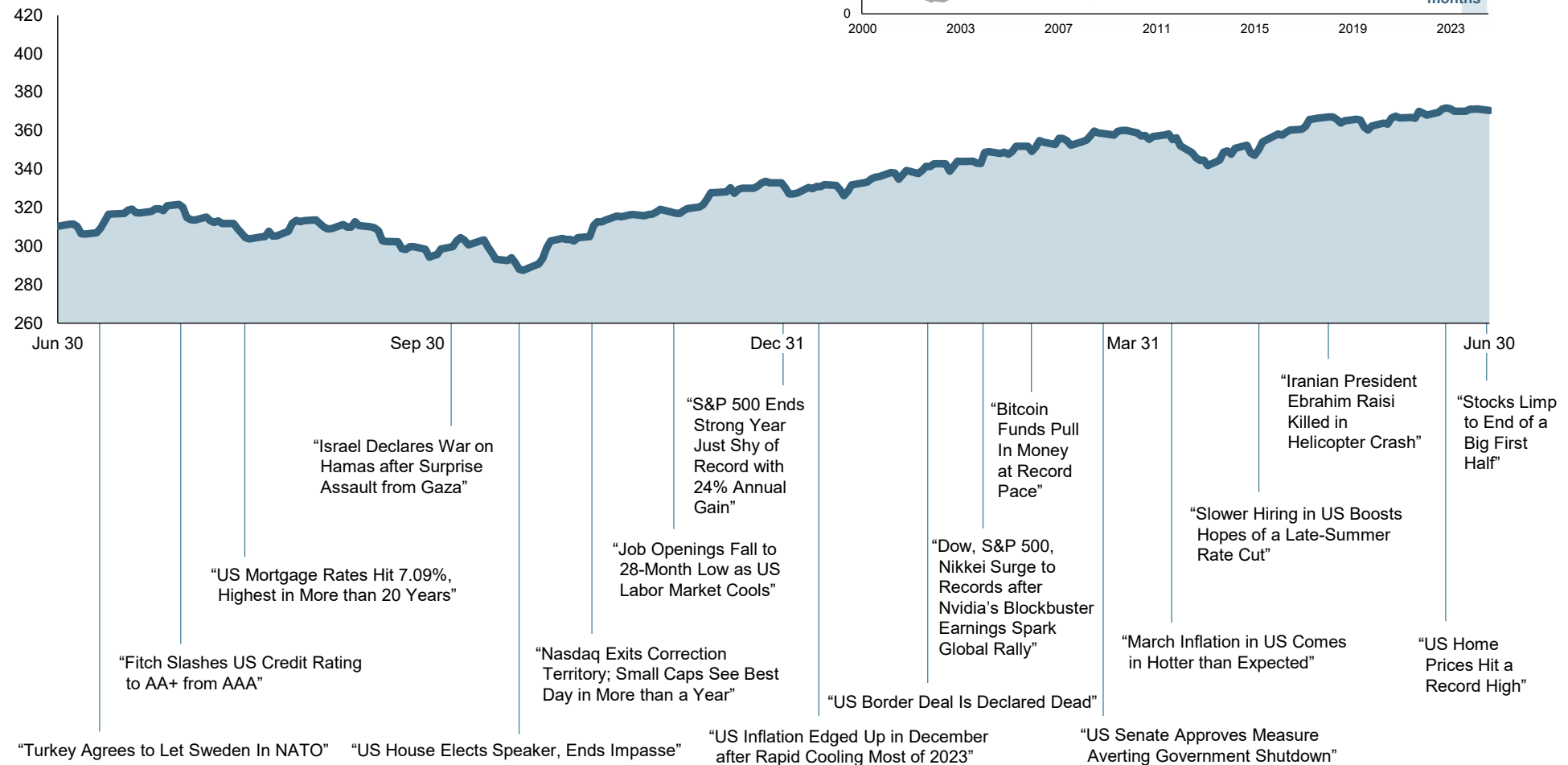
Graph Source: MSCI ACWI Index (net dividends). MSCI data © MSCI 2024, all rights reserved. Index level based at 100 starting January 2000.

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

SHORT TERM (Q3 2023–Q2 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.

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US Stocks

Second quarter 2024 index returns

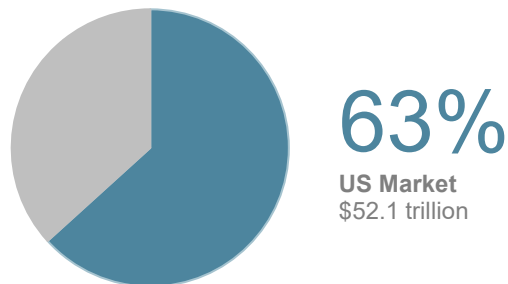
The US equity market posted positive returns for the quarter and outperformed non-US developed markets, but underperformed emerging markets.

Value underperformed growth.

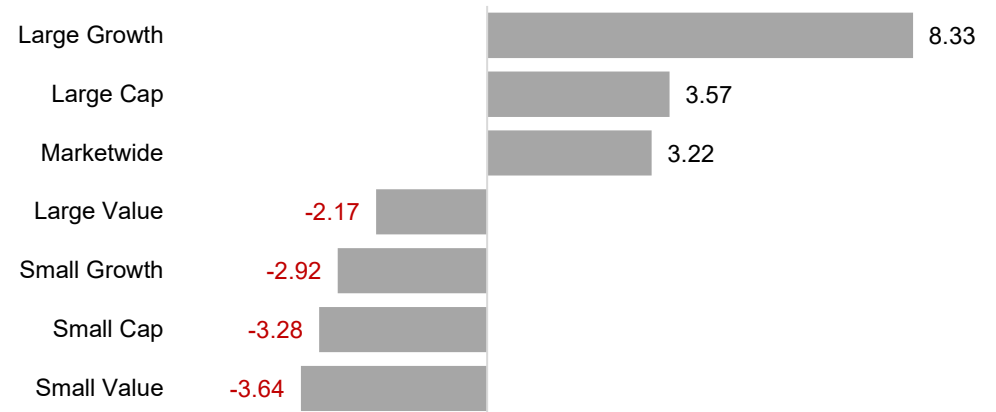
Small caps underperformed large caps.

REIT indices underperformed equity market indices.

World Market Capitalization—US



Ranked Returns (%)



Period Returns (%)

Asset Class	QTR	YTD	1 Year	Annualized		
				3 Years	5 Years	10 Years
Large Growth	8.33	20.70	33.48	11.28	19.34	16.33
Large Cap	3.57	14.24	23.88	8.74	14.61	12.51
Marketwide	3.22	13.56	23.13	8.05	14.14	12.15
Large Value	-2.17	6.62	13.06	5.52	9.01	8.23
Small Growth	-2.92	4.44	9.14	-4.86	6.17	7.39
Small Cap	-3.28	1.73	10.06	-2.58	6.94	7.00
Small Value	-3.64	-0.85	10.90	-0.53	7.07	6.23

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International Developed Stocks

Second quarter 2024 index returns

Developed markets outside of the US posted negative returns for the quarter and underperformed both US and emerging markets.

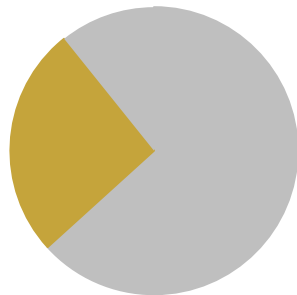
Value outperformed growth.

Small caps underperformed large caps.

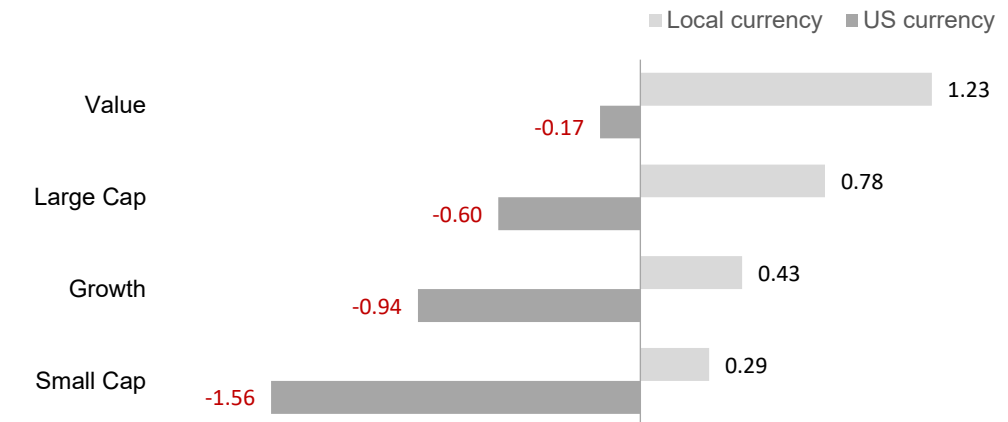
World Market Capitalization—International Developed

26%

International
Developed Market
\$21.4 trillion



Ranked Returns (%)



Period Returns (%)

Asset Class	QTR	YTD	1 Year	Annualized		
				3 Years	5 Years	10 Years
Value	-0.17	4.03	13.17	5.45	6.21	3.06
Large Cap	-0.60	4.96	11.22	2.82	6.55	4.27
Growth	-0.94	5.91	9.36	0.02	6.46	5.23
Small Cap	-1.56	0.98	7.80	-2.98	4.69	4.04

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Emerging Markets Stocks

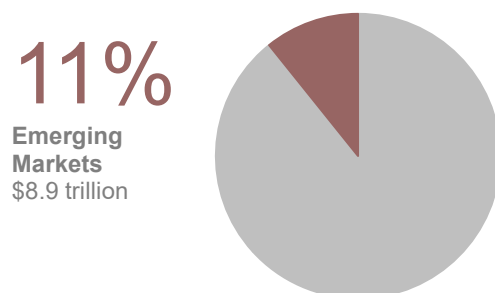
Second quarter 2024 index returns

Emerging markets posted positive returns for the quarter and outperformed both US and non-US developed markets.

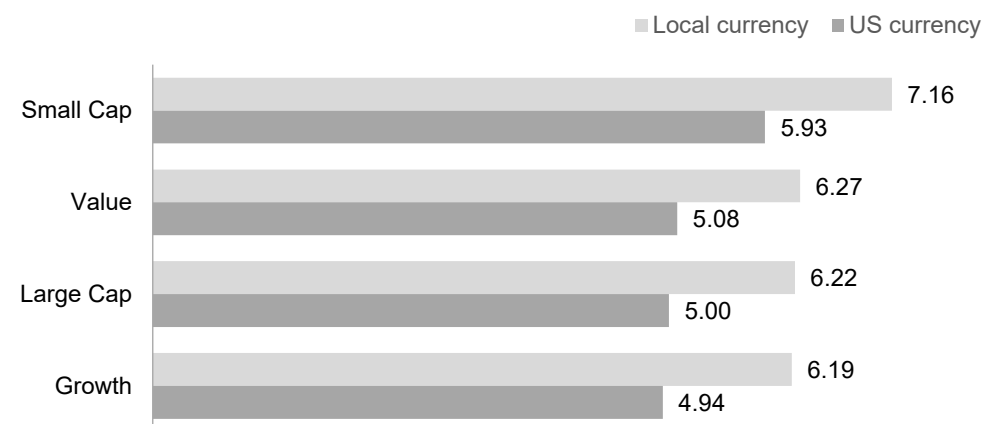
Value outperformed growth.

Small caps outperformed large caps.

World Market Capitalization—Emerging Markets



Ranked Returns (%)



Period Returns (%)

Asset Class	QTR	YTD	1 Year	Annualized		
				3 Years	5 Years	10 Years
Small Cap	5.93	7.04	20.04	2.54	9.99	5.15
Value	5.08	6.46	14.13	-1.09	2.91	1.96
Large Cap	5.00	7.49	12.55	-5.07	3.10	2.79
Growth	4.94	8.45	11.08	-8.70	3.18	3.51

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Real Estate Investment Trusts (REITs)

Second quarter 2024 index returns

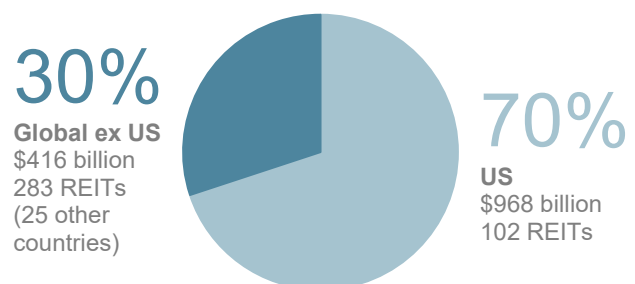


US real estate investment trusts outperformed non-US REITs during the quarter.

Ranked Returns (%)



Total Value of REIT Stocks



Period Returns (%)

Asset Class	QTR	YTD	1 Year	Annualized		
				3 Years	5 Years	10 Years
US REITS	-0.16	-0.55	7.15	-0.14	2.78	5.17
Global ex US REITS	-4.39	-6.72	2.45	-7.80	-3.59	-0.05

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

Second quarter 2024 index returns

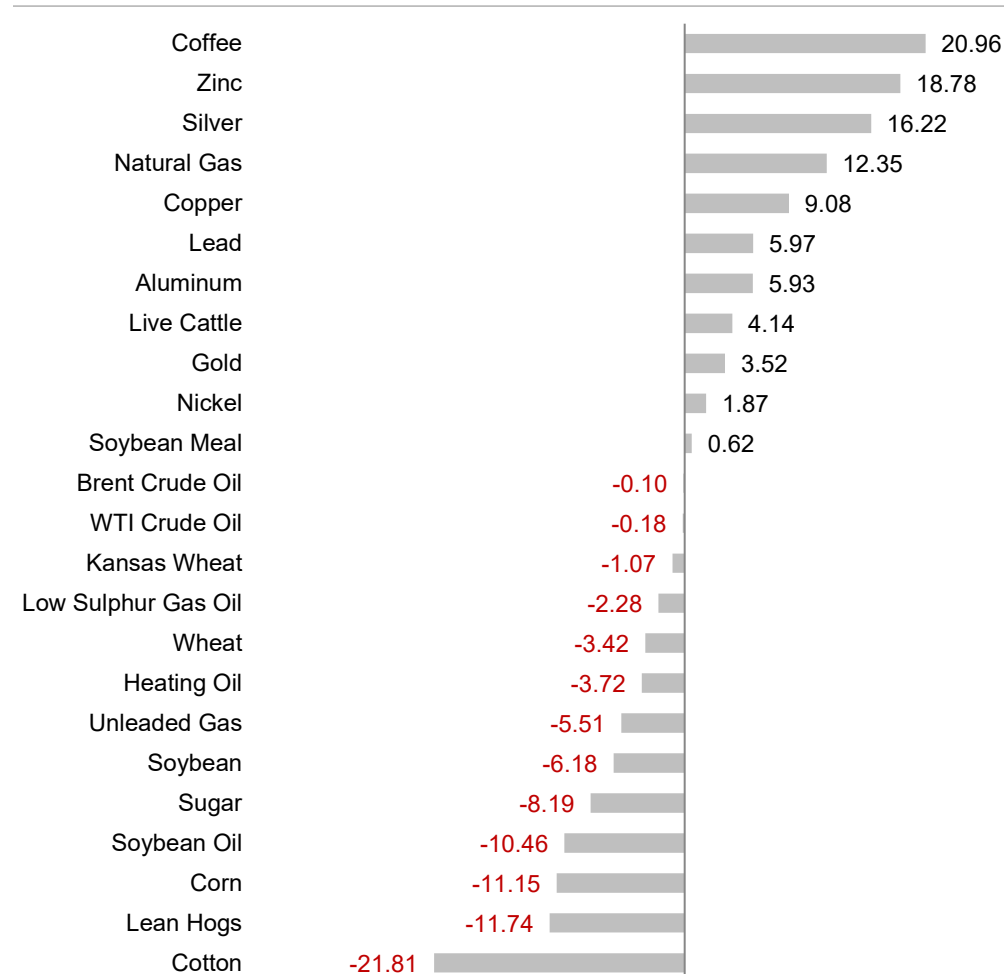
The Bloomberg Commodity Total Return Index returned +2.89% for the second quarter of 2024.

Coffee and Zinc were the best performers, returning +20.96% and +18.78% during the quarter, respectively. Cotton and Lean Hogs were the worst performers, returning -21.81% and -11.74% during the quarter, respectively.

Period Returns (%)

Asset Class	QTR	YTD	1 Year	Annualized		
				3 Years	5 Years	10 Years
Commodities	2.89	5.14	5.00	5.65	7.25	-1.29

Ranked Returns (%)



Fixed Income

Second quarter 2024 index returns

Interest rates generally increased in the US Treasury market for the quarter.

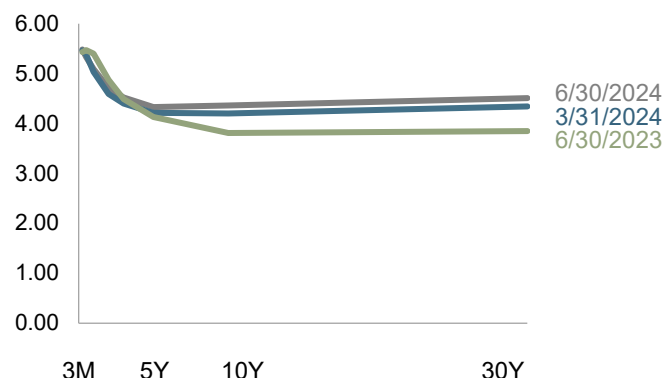
On the short end of the yield curve, the 1-Month US Treasury Bill yield decreased 2 basis points (bps) to +5.47%, while the 1-Year US Treasury Bill yield increased 6 bps to +5.09%. The yield on the 2-Year US Treasury Note increased 12 bps to +4.71%.

The yield on the 5-Year US Treasury Note increased 12 bps to +4.33%. The yield on the 10-Year US Treasury Note increased 16 bps to +4.36%. The yield on the 30-Year US Treasury Bond increased 17 bps to +4.51%.

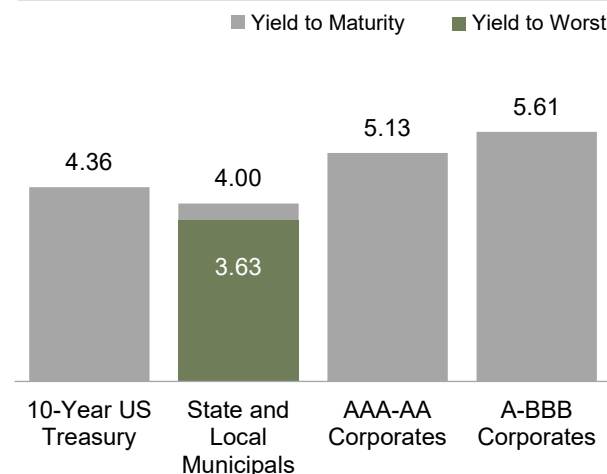
In terms of total returns, short-term US treasury bonds returned +0.77% while intermediate-term US treasury bonds returned +0.58%. Short-term corporate bonds returned +0.96% and intermediate-term corporate bonds returned +0.74%.¹

The total returns for short- and intermediate-term municipal bonds were +0.35% and -0.92%, respectively. Within the municipal fixed income market, general obligation bonds returned -0.30% while revenue bonds returned +0.07%.²

US Treasury Yield Curve (%)



Bond Yield Across Issuers (%)



Period Returns (%)

Asset Class	QTR	YTD	1 Year	Annualized		
				3 Years	5 Years	10 Years
ICE BofA US 3-Month Treasury Bill Index	1.32	2.63	5.40	3.03	2.16	1.51
ICE BofA 1-Year US Treasury Note Index	1.11	1.95	5.02	1.80	1.69	1.36
Bloomberg U.S. High Yield Corporate Bond Index	1.09	2.58	10.44	1.64	3.92	4.31
FTSE World Government Bond Index 1-5 Years (hedged to USD)	0.87	1.13	4.84	0.38	1.03	1.43
Bloomberg U.S. TIPS Index	0.79	0.70	2.71	-1.33	2.07	1.91
Bloomberg U.S. Aggregate Bond Index	0.07	-0.71	2.63	-3.02	-0.23	1.35
Bloomberg Municipal Bond Index	-0.02	-0.40	3.21	-0.88	1.16	2.39
FTSE World Government Bond Index 1-5 Years	-0.06	-1.41	2.43	-2.73	-0.79	-0.78
Bloomberg U.S. Government Bond Index Long	-1.80	-4.99	-5.55	-10.45	-4.24	0.60

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 (SBBBI) Yearbook™, Ibbotson Associates, Chicago (annually updated work by Roger G. Ibbotson and Rex A. Sinquefeld). 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

Second quarter 2024 yield curves

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

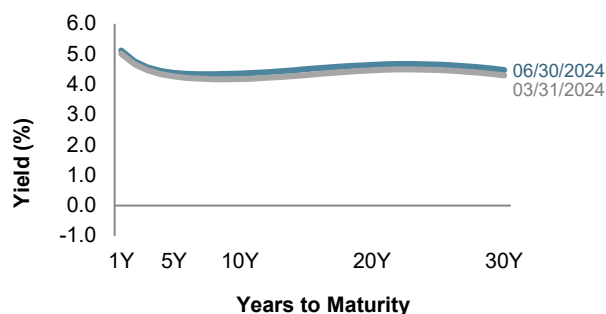
Realized term premiums were negative across global developed markets, as longer-term bonds generally underperformed shorter-term bonds.

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

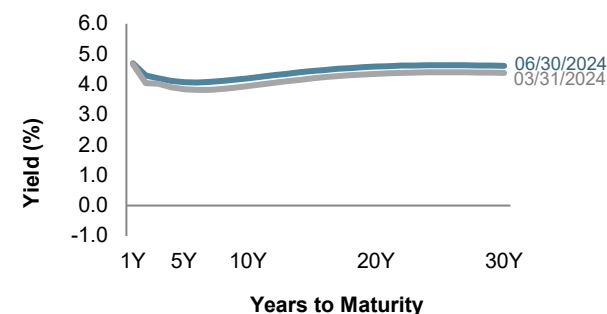
Changes in Yields (bps) since 03/31/2024

	1Y	5Y	10Y	20Y	30Y
US	11.1	12.2	18.1	18.2	18.5
UK	2.7	23.5	25.9	23.6	23.5
Germany	-15.0	13.2	19.0	21.9	22.3
Japan	10.9	23.2	33.9	35.6	36.9
Canada	-28.4	-0.8	4.5	4.4	3.6
Australia	38.3	44.6	34.8	32.5	30.4

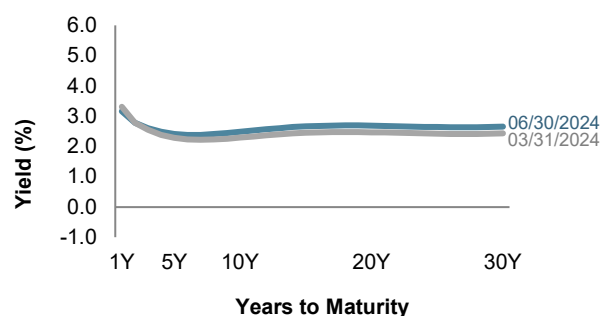
US



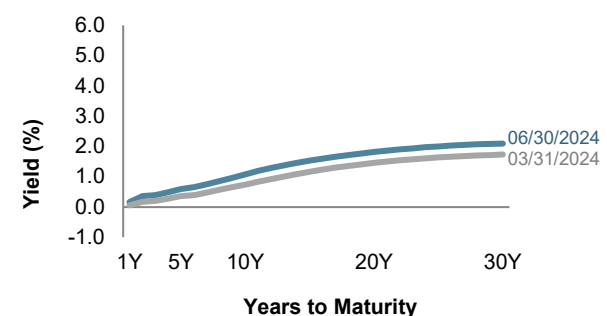
UK



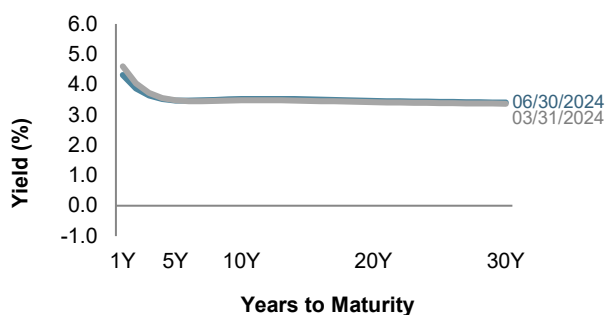
Germany



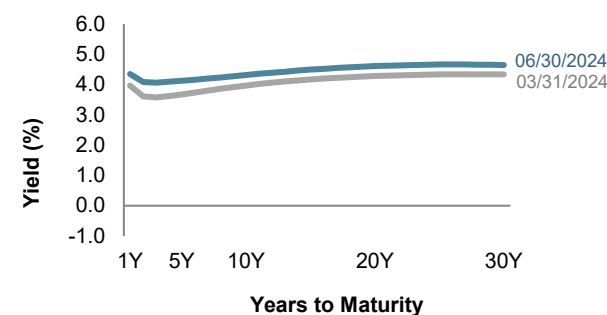
Japan



Canada



Australia



Reality Meets Expectation for the Mag 7

Second quarter 2024

Wes Crill, PhD, Senior Investment Director and Vice President, Dimensional Fund Advisors

It is unlikely any stock has an expected return of 100% per year. That seems too high to be the cost of equity capital for a company, and it's doubtful anyone would sell a stock with an expected return 10 times the historical stock market return.¹ A realized return that big likely means the company surprised investors in a good way.

The Magnificent 7 stocks returned on average more than 111% in 2023, exceeding the S&P 500 Index by over 85 percentage points. While it's hard to say what cash flow expectations were built into their stock prices, comparing analyst earnings estimates to actual earnings suggests these companies exceeded expectations for the year. All seven reported earnings exceeding average forecasts. For example, Nvidia posted an earnings per share 37.4% higher than the average analyst expectation. Contrast this with 2022, when five of the seven companies' earnings fell short of analyst expectations. The average Magnificent 7 stock return that year trailed the S&P 500 Index by 28 percentage points.

Expecting Mag 7 outperformance to continue is to bet on these companies further exceeding the market's expectations. Simply meeting expectations may result in returns more in line with the market, consistent with the history of top US stocks.

SURPRISE, SURPRISE

Magnificent 7 actual vs. analyst forecast earnings per share, 2022–2023

	2022			2023		
	ANALYST FORECAST	ACTUAL	DIFFERENCE	ANALYST FORECAST	ACTUAL	DIFFERENCE
NVDA	\$3.77	\$1.74	-53.8% ▼	\$8.69	\$11.94	37.4% ▲
AAPL	\$6.06	\$6.10	0.7% ▲	\$5.95	\$6.13	3.0% ▲
TSLA	\$3.73	\$3.63	-2.7% ▼	\$3.61	\$4.30	19.2% ▲
MSFT	\$9.14	\$9.64	5.5% ▲	\$9.35	\$9.68	3.6% ▲
AMZN	\$1.09	-\$0.27	-125.0% ▼	\$1.93	\$2.89	49.7% ▲
GOOGL	\$5.04	\$4.55	-9.6% ▼	\$5.21	\$5.81	11.4% ▲
META	\$10.49	\$8.59	-18.2% ▼	\$11.33	\$14.90	31.5% ▲

1. The S&P 500 Index had an annualized return of 10.3% from January 1926 to December 2023. S&P data © 2024 S&P Dow Jones Indices LLC, a division of S&P Global. All rights reserved. See following page for important disclosure.

Reality Meets Expectation for the Mag 7

(continued from page 14)



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Index Descriptions

Bloomberg Commodity Total Return Index - The Bloomberg Commodity Index measures the performance of future contracts on physical commodities which traded on U.S. exchanges and London Metal Exchange.

Bloomberg Global Aggregate ex-USD Bond Index - The Bloomberg Global Aggregate ex-USD Index measures the performance of global investment grade fixed-rate debt markets that excludes USD-dominated securities.

Bloomberg US Aggregate Bond Index - The Bloomberg U.S. Aggregate Bond Index measures the performance of investment grade, U.S. dollar-denominated, fixed rate taxable bond market, including Treasuries, government-related and corporate securities.

MBS (agency fixed-rate and hybrid ARM pass-throughs), ABS, and CMBS.

Bloomberg US Corporate Bond Index - The Bloomberg US Corporate Index measures the investment grade, fixed-rate, taxable corporate bond market. It includes USD denominated securities publicly issued by US and non-US industrial, utility, and financial issuer.

Bloomberg US Treasury Index - The Bloomberg U.S. Treasury Index measures the performance of public obligations of the U.S. Treasury, including securities that roll up to the U.S. Aggregate, U.S. Universal, and Global Aggregate Indices.

Dow Jones US Select REIT Index - The Dow Jones U.S. Select REIT Index tracks the performance of publicly traded REITs and REIT-like securities and is designed to serve as a proxy for direct real estate investment, in part by excluding companies whose performance may be driven by factors other than the value of real estate.

MSCI ACWI Index - The MSCI ACWI captures large and mid cap representation across 23 Developed Markets (DM) and 24 Emerging Markets (EM) countries.

MSCI Emerging Markets Growth Index - The MSCI Emerging Markets Growth Index captures large and mid cap securities exhibiting overall growth style characteristics across 24 Emerging Markets (EM) countries.

MSCI Emerging Markets Index - The MSCI Emerging Markets Index captures large and mid cap representation across 24 Emerging Markets (EM) countries.

MSCI Emerging Markets Small Cap Index - The MSCI Emerging Markets Small Cap Index includes small cap representation across 24 Emerging Markets countries.

MSCI Emerging Markets Value Index - The MSCI Emerging Markets Value Index captures large and mid cap securities exhibiting overall value style characteristics across 24 Emerging Markets (EM) countries.

MSCI World ex USA Growth Index - The MSCI World ex USA Growth Index captures large and mid cap securities exhibiting overall growth style characteristics across 22 of 23 Developed Markets (DM) countries*—excluding the United States.

MSCI World ex USA Index - The MSCI World ex USA Index captures large and mid cap representation across 22 of 23 Developed Markets (DM) countries*—excluding the United States.

MSCI World ex USA Small Cap Index - The MSCI World ex USA Small Cap Index captures small cap representation across 22 of 23 Developed Markets (DM) countries* (excluding the United States).

MSCI World ex USA Value Index - The MSCI World ex USA Value Index captures large and mid cap securities exhibiting overall value style characteristics across 22 of 23 Developed Markets countries.

Index Descriptions

Russell 1000 Growth Index - The Russell 1000® Growth Index measures the performance of the largecap growth segment of the US equity universe. It includes those Russell 1000 companies with relatively higher price-to-book ratios, higher I/B/E/S forecast medium term (2 year) growth and higher sales per share historical growth (5 years).

Russell 1000 Index - The Russell 1000® Index measures the performance of the large-cap segment of the US equity universe. It is a subset of the Russell 3000® Index and includes approximately 1,000 of the largest securities based on a combination of their market cap and current index membership.

Russell 1000 Value Index - The Russell 1000® Value Index measures the performance of the largecap value segment of the US equity universe. It includes those Russell 1000 companies with relatively lower price-to-book ratios, lower I/B/E/S forecast medium term (2 year) growth and lower sales per share historical growth (5 years).

Russell 2000 Growth Index - The Russell 2000® Growth Index measures the performance of the smallcap growth segment of the US equity universe. It includes those Russell 2000 companies with relatively higher price-to-book ratios, higher I/B/E/S forecast medium term (2 year) growth and higher sales per share historical growth (5 years).

Russell 2000 Index - The Russell 2000 index tracks the 2,000 smallest public companies by market cap in its parent Russell 3000 stock index. Because small-cap companies make up a much smaller share of the U.S. stock market than large caps, the companies in the Russell 2000 represent approximately 10% of the U.S. stock market's total market capitalization.

Russell 2000 Value Index - The Russell 2000® Value Index measures the performance of the smallcap value segment of the US equity universe. It includes those Russell 2000 companies with relatively lower price-to-book ratios, lower I/B/E/S forecast medium term (2 year) growth and lower sales per share historical growth (5 years).

Russell 3000 Index - The Russell 3000® Index measures the performance of the largest 3,000 US companies representing approximately 96% of the investable US equity market, as of the most recent reconstitution.

S&P Global ex US REIT Index - A member of the S&P Global Property Index Series, the S&P Global ex US REIT serves as a comprehensive benchmark of publicly traded equity REITs listed in both developed and emerging markets, excluding the United States.

S&P Global REIT Index - A member of the S&P Global Property Index Series, the S&P Global REIT serves as a comprehensive benchmark of publicly traded equity REITs listed in both developed and emerging markets.

S&P National AMT-Free Municipal Bond Index - The S&P National AMT-Free Municipal Bond Index is a broad, comprehensive, market value-weighted index designed to measure the performance of the investment-grade tax-exempt U.S. municipal bond market.