

# **Performance Insights**

MONTHLY REPORT - NOVEMBER 2023 | USD EDITION

FOR PROFESSIONAL INVESTORS ONLY

# Markets swoon in October amid rising rate and war anxieties

Stocks and bonds extended losses in October as investors continued to reposition portfolios for a lengthier stretch of high interest rates amid relatively resilient economic data (particularly in the US). The outbreak of the Israel-Hamas war also unnerved investors, boosting the US dollar and gold. Few stock sectors went unscathed, though defensives and tech stocks fared best.

## Global asset classes - Widespread malaise

The October gloom was global and swept all asset classes, with equities and corporate bonds suffering most. Oil and other commodities also slumped on global demand concerns, while Middle-East contagion fears drove rallies in gold and the US dollar. (page 3)

## Global equities - US fares best, despite sharp small-cap selloff

US stocks suffered smaller losses than the global index and peers, particularly in Asia Pacific. Once again, US small caps did worst of all. Only the US has outpaced the global index YTD, while Asia Pacific and the Emerging index ranked at the bottom. (page 4)

#### Industry returns - Health care & industrials hit hardest

Defensives & tech were among the few bright spots in most markets; health care, industrials & real estate took the biggest hits. (page 5)

#### Alternative indices - Environmental Opportunity recovery continues

Most Environmental Opportunities and Core Infrastructure indices held up better than their benchmarks, while rate-sensitive REITs performances were mixed. Most FTSE4Good indices extended their outperformance for the year. (page 8)

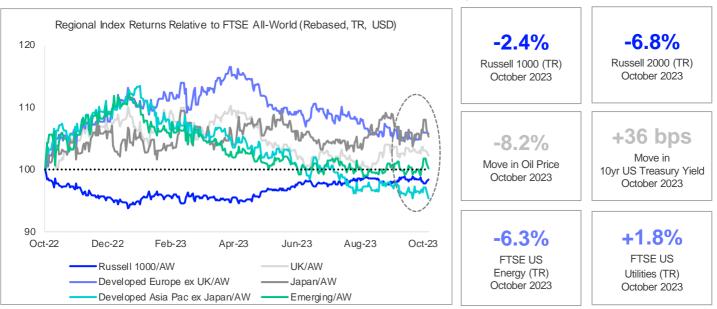
#### Factor performance - Low Volatility provides ballast

Low Vol held its own globally as investors sought safety in stabler, less cyclically sensitive stocks. Size was a major laggard. (page 9)

# Foreign exchange - US dollar rally gathers steam

The US dollar continued to strengthen versus most major currencies in October, particularly the Japanese yen, as well as the Norwegian krone and Mexican peso amid the slump in commodity prices. Gains vs the euro and Chinese yuan were relatively subdued. (page 10)

Appendix - Asset Class Risk/Returns (3-Year and 5-Year Annualised), Correlation, Regional Performance and Country Exposures.



Source: FTSE Russell and LSEG. Data as of October 31, 2023. Past performance is no guarantee of future results. Please see the end for important legal disclosures.

#### **Highlights**

Stocks continued to slump globally in October as the persistent upward pressures on interest rates, the outbreak of the Israel-Hamas war, and lingering worries about the slow recovery in China added to doubts about the global economic outlook and stifled risk sentiment.

The global bond markets also continued to retreat. Highyield bonds generally held up better than investment grade equivalents (except in the Eurozone). Ten-year government bonds also weakened in most markets, with the US Treasury yield briefly rising above 5% in late October, for the first time in 16 years. While yield curves remained inverted, the bear steepening continued, as long yields rose more sharply than short yields.

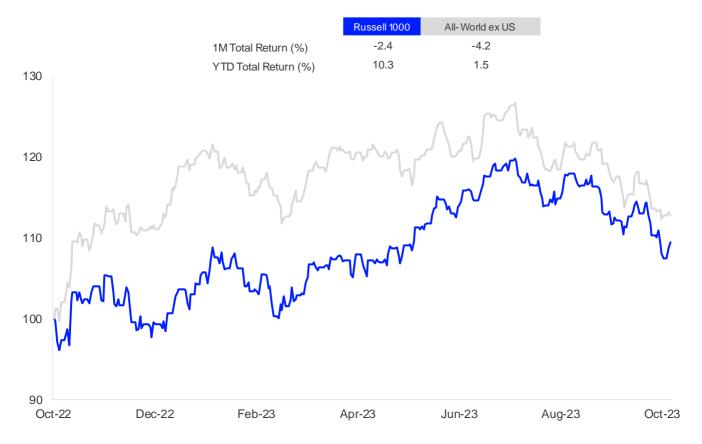
The US dollar continued to strengthen versus most currencies, extending the rally that began in mid-July. In a reversal from Q3 trends, October's gains were particularly strong vs the yen and commodity-sensitive currencies, though the greenback lost ground to the Swiss franc and South African rand (also see page 10).

Oil, copper and other commodity prices also fell. The gold rally resumed, more than retracing last month's losses, helped by the strong US dollar and increased safe-haven demand amid Middle-East contagion fears.

#### **Main Market-Moving Events**

- US unemployment was flat MoM at 3.8% (Sept); 336K jobs added; avg hourly wage growth slows to 4.2% YoY vs 4.3%.
- Israel launches air strikes in Gaza in response to Hamas militants' assault on Oct 7; ground operations begin late month.
- IMF lowers global GDP forecasts to 3.0% and 2.9% for 2023 and 2024, both down 0.1%-pts vs July estimates; lifts US 2023 GDP forecast by 0.5%-pts to 2.1% and 2024 GDP by 0.1%-pts to 1.5%.
- Chinese property giants Country Garden and Evergrande miss payment deadlines on offshore bonds.
- US headline CPI steadies at 3.7% YoY (Sept), flat MoM; core eases to 4.1% vs 4.3%.
- China GDP rises 5.3% YoY in Q3, double the Q2 pace and significantly better than expected.
- UK CPI at 6.7% YoY (Sept); flat MoM; core dips to 6.1% vs 6.2%.
- Eurozone CPI falls to 4.3% YoY (Sept) vs 5.2% (Aug); core at 4.5% vs 5.3%.
- ECB holds policy rates steady, ending historic run of hikes.
- October flash PMI composite output improves in the US to 51.0 vs 50.2 (Sept) and to 48.6 vs 48.5 in the UK; enters contractionary territory in Japan at 49.9 vs 52.1 and falls to 46.5 vs 47.2 in the Eurozone.
- US GDP grows 4.9% YoY in Q3, more than twice the Q2 pace and well above forecasts; core personal consumption expenditures (PCE) inflation slid to 2.4% in Q3 vs 3.7% in Q2.
- China's official manufacturing PMI slips to 49.6 (Oct) vs 50.2 (Sept); services PMI also weakens to 50.7, weakest this year.

Russell 1000 vs All-World ex US Indexes (USD, TR, Rebased)



Source: FTSE Russell. Data as of October 31, 2023. Past performance is no guarantee of future results. Please see the end for important legal disclosures.

# Asset Class Returns - 1M & YTD (USD, TR %)

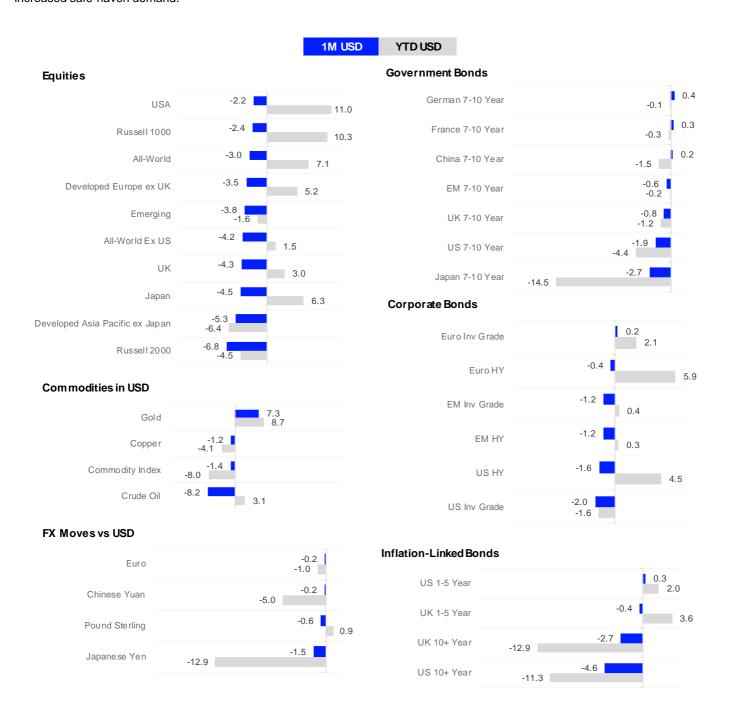
# **Key Observations - October 2023**

Most equity markets continued to spill red ink in October amid persistent pressure on interest rates and the outbreak of war in the Middle East. Despite steep losses in US small-caps, the US market held up better than the FTSE All-World and peers, particularly in developed Asia Pacific. The Emerging index also fell, paced by steep declines in Indonesia, Mexico and the Philippines. YTD, only the US continued to outpaced the global index, while Asia Pacific and EM ranked at the bottom, with losses (see page 4).

Government 7-10-year bond markets remained under pressure in October. JGBs and US Treasuries led the declines, while equivalents in the Eurozone and China posted modest gains. Though Eurozone investment grade bonds outperformed their high-yield counterparts, high-yield credit held up marginally better in the US and posted similar losses in EM. Short-dated US and UK inflation-linked bonds fared better than their longer-dated (10yr+) counterparts.

The US dollar gained ground versus most major currencies last month, particularly vs the commodity-sensitive Norwegian krone, Mexican peso and the New Zealand and Canadian dollars. Gains vs the euro and yuan were relatively subdued (also see page 10).

In a major reversal, the price of oil fell more than 8% in October, while copper and other commodities extended YTD declines, as worries about the global economic outlook continued to rise. Gold rebounded strongly, boosted by the strengthening US dollar and increased safe-haven demand.

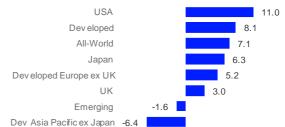


Source: FTSE Russell and LSEG. Data as of October 31, 2023. Equity markets data based on: FTSE All-World®, FTSE All-Share®, Russell 2000®, Russell 1000®, FTSE Europe ex UK, FTSE Japan, FTSE Developed Asia Pacific ex Japan and FTSE Emerging indexes. Past performance is no guarantee of future results. Please see the end for important legal disclosures.

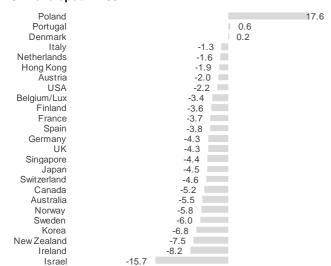
#### FTSE Regions 1M USD



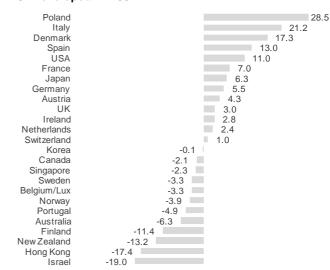
# FTSE Regions YTDUSD



#### FTSE Developed 1M USD



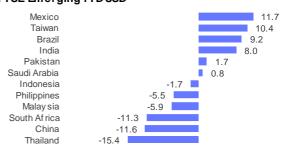
#### FTSE Developed YTD USD



### FTSE Emerging 1M USD

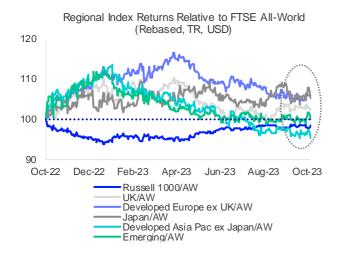


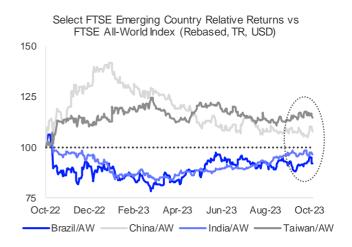
## FTSE Emerging YTD USD



The US held up better than the global index and peers in October, particularly Asia Pac. Europe & Japan hold the 12M lead.

The EM index lagged the global index in October, hurt most by losses in China, Brazil & India. Taiwan held its YTD and 12M lead.



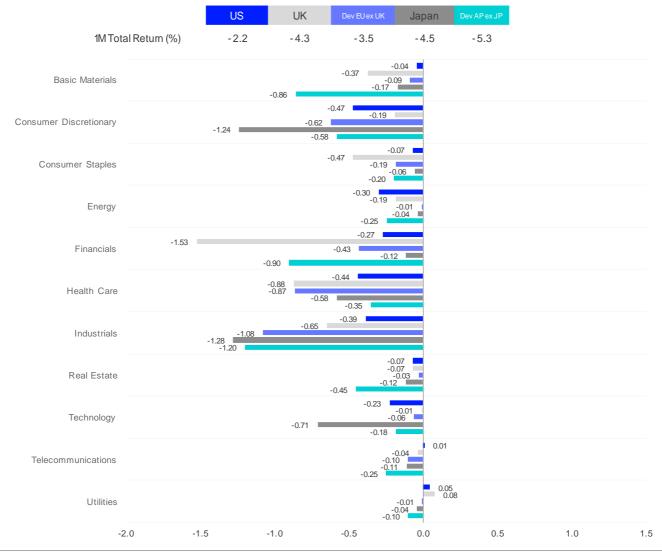


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# Regional Industry-Weighted Contributions to Returns – 1M (USD, TR %)

#### **Key Observations - October 2023**

- Industry contributions were broadly negative, led by health care, industrials, discretionary and financials in most markets.
- In the US, only utilities and telecom added (albeit modestly); discretionary, health care & industrials were the biggest detractors.
- In the UK, only utilities were additive; financials, health care and industrials led detractors. All industries contributed to Europe's losses, led by industrials, health care and discretionary.
- Negative contributions were widespread In Japan, with industrials, discretionary and tech leading the detractors. Ditto for Asia Pacific, with industrials, financials and materials taking the biggest toll on returns.



Health care, industrials & real estate led the October selloff in most markets; utilities, telecom & tech generally fared best.

Tech dominates in the US; financials are largest in the UK, Europe and Asia Pac and industrials is tops in Japan.

	11	/I Regional Ir	ndustry Retu	ırns (TR, US	SD)
	US	UK	Dev EU ex UK	Japan	Dev AP ex JP
Basic Materials	- 2.4	- 4.6	- 1.9	- 3.4	- 6.7
Consumer Disc.	- 3.3	- 1.8	- 4.7	- 5.3	- 6.6
Consumer Staples	- 1.3	- 2.9	- 2.1	- 0.9	- 5.4
Energy	- 6.3	- 1.4	- 0.2	- 4.3	- 6.6
Financials	- 2.7	- 8.5	- 2.4	- 1.0	- 3.3
Health Care	- 3.4	- 6.6	- 5.1	- 7.2	- 6.1
Industrials	- 3.3	- 5.0	- 6.2	- 5.2	-10.5
Real Estate	- 2.9	- 5.8	- 3.3	- 3.3	- 6.6
Technology		- 1.6	- 0.7		- 3.6
Telecoms	0.5	- 3.0	- 3.3	- 2.8	- 2.2
Utilities	1.8	2.1	- 0.2	- 2.9	- 3.5

Basic Materials
Consumer Disc.
Consumer Staples
Energy
Financials
Health Care
Industrials
Real Estate
Technology
Telecoms

	Regional Ir	ndustry Expo	sures (%)	
US	UK	Dev EU ex UK	Japan	Dev AP ex JP
1.8	8.1	4.6	5.1	12.2
14.1	11.1	13.2	23.2	8.7
5.2	16.6	8.9	6.6	3.6
4.6	13.8	4.6	0.8	3.7
10.1	17.2	17.8	12.3	28.0
12.6	13.0	16.7	7.8	5.8
11.7	12.8	16.8	24.3	10.9
2.4	1.2	1.0	3.7	6.8
32.5	0.8	9.1	10.5	5.2
2.4	1.3	3.1	4.2	12.0
2.7	4.1	4.1	1.5	2.9

Source: FTSE Russell. All data as of October 31, 2023. Equity markets data based on: FTSE USA, FTSE Livrope ex UK, FTSE Japan and FTSE Developed Asia Pacific ex Japan Indexes and Industry

Classification

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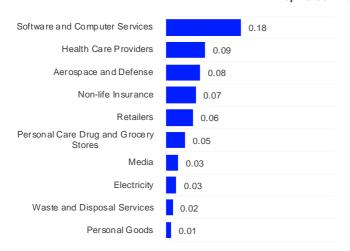
Classification

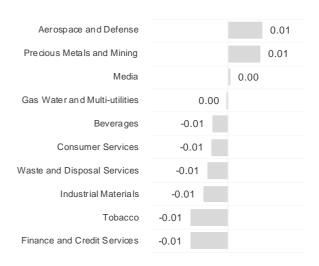
Utilities

# FTSE USA vs AW ex US: Sector-Weighted Return Contributions - 1M (USD, TR %)



#### **Top 10 Contributors**





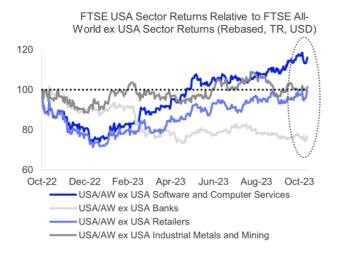
#### **Bottom 10 Contributors**

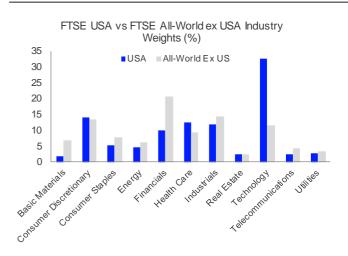




The US held up better than the non-US index in October, helped by better performances in banks, software, retail & metals & mining.

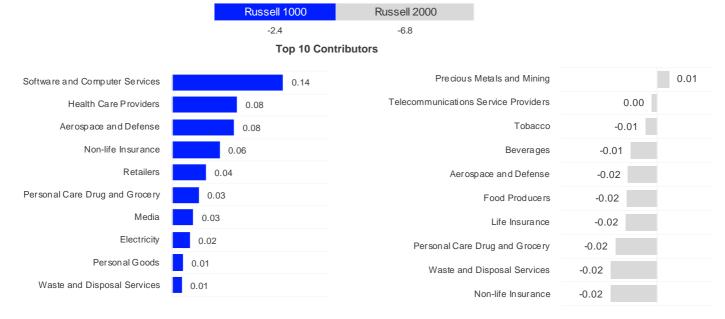
The US is tilted more to tech and health care than overseas peers and less to financials, materials, staples and energy.





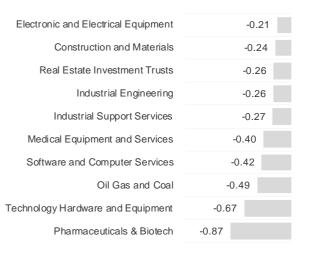
Source: FTSE Russell and LSEG. Equity markets data based on: FTSE USA, FTSE UK, FTSE Europe ex UK, FTSE Japan and FTSE Developed Asia Pacific ex Japan Indexes and Industry Classification Benchmark (ICB®) industry groups. All data as of October 31, 2023. Past performance is no guarantee of future results. Please see the end for important legal disclosures.

# Russell 1000 vs 2000: Sector-Weighted Return Contributions – 1M (USD, TR %)

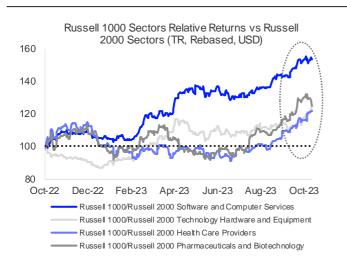


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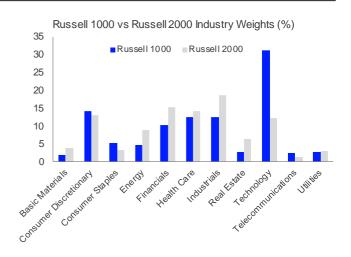




Russell 1000 held up better than Russell 2000 in October, buoyed by a bias for large-caps within tech and health care sectors.

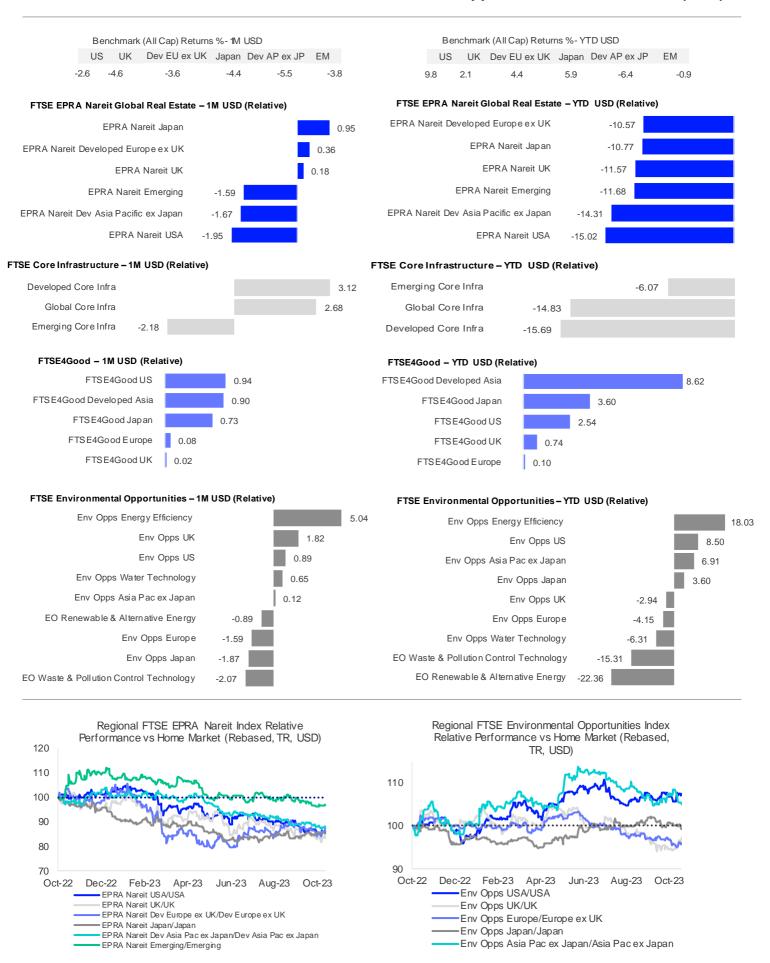


Russell 1000 is more tilted to tech, staples & discretionary than Russell 2000, far less so to industrials, financials & energy.



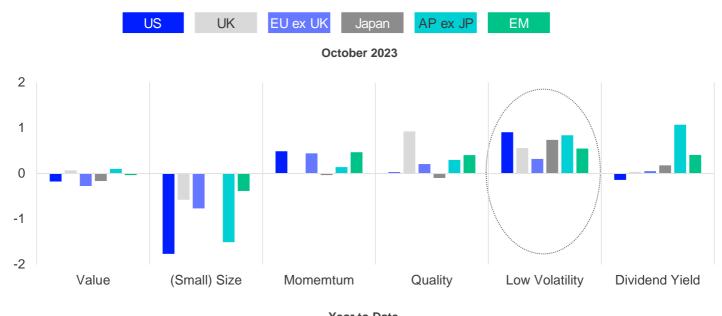
Source: FTSE Russell and LSEG. Based on FTSE Russell Industry Classification Benchmark (ICB®) industry and sector groups. All data as of October 31, 2023. Past performance is no guarantee of future results. Please see the end for important legal disclosures.

# Alternative Indices – REITs, FTSE4Good, Environmental Opportunities, Infrastructure (USD)

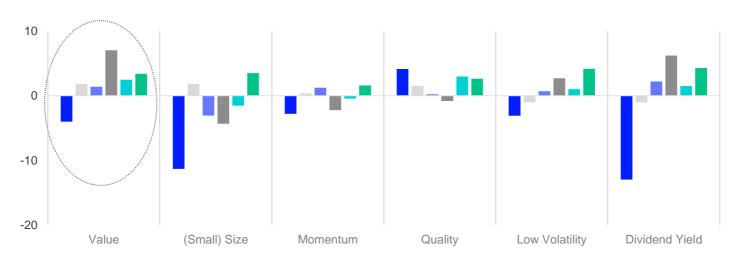


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# Regional Factor Indicator Relative Returns – 1M vs YTD (Local Currency, TR %)



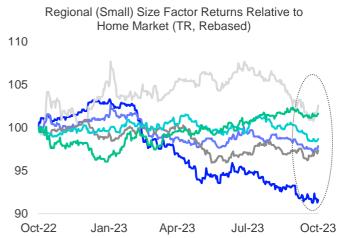
#### Year to Date



Low Vol fared best across regions in the October rout, buoyed by the rotation into less volatile, financially healthier stocks.

Size was a major laggard in most markets in October as nervous investors flocked to larger, more defensive stocks.





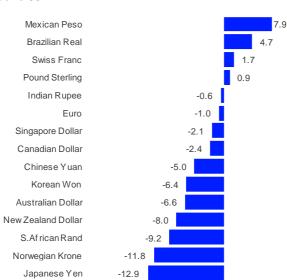
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# Foreign Exchange Returns %

#### FX Moves vs USD-1M FX Moves vs USD-3M Indian Rupee 0.5 Swiss Franc Chinese Yuan S. African Rand 0.5 Singapore Dollar Korean Won -0.1 Euro -0.2 Euro Swiss Franc -4.7 Chinese Yuan -0.2 S.African Rand Indian Rupee -5.1 -0.3 Canadian Dollar Singapore Dollar -0.4 Korean Won Pound Sterling -5.6 -0.6 Brazilian Real Brazilian Real -5.7 Pound Sterling -5.7 Japanese Yen Australian Dollar Australian Dollar -6.0 Japanese Yen Canadian Dollar -6.2 New Zealand Dollar New Zealand Dollar Mexican Peso Mexican Peso -7.5

#### FX Moves vs USD-YTD

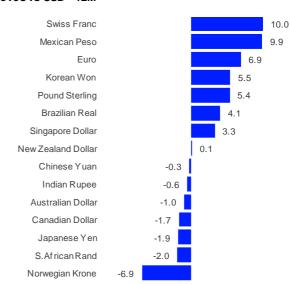
Norwegian Krone



-4.8

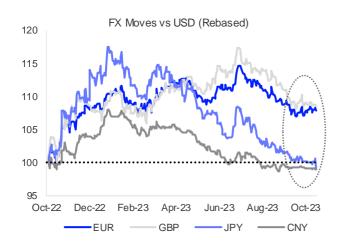
#### FX Moves vs USD-12M

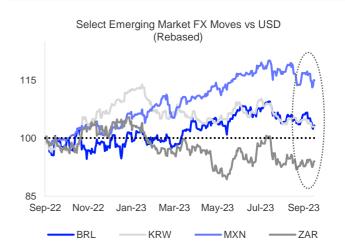
Norwegian Krone



The US dollar continued its broad rebound, particularly vs the yen & sterling. The euro and sterling remain ahead for the 12M.

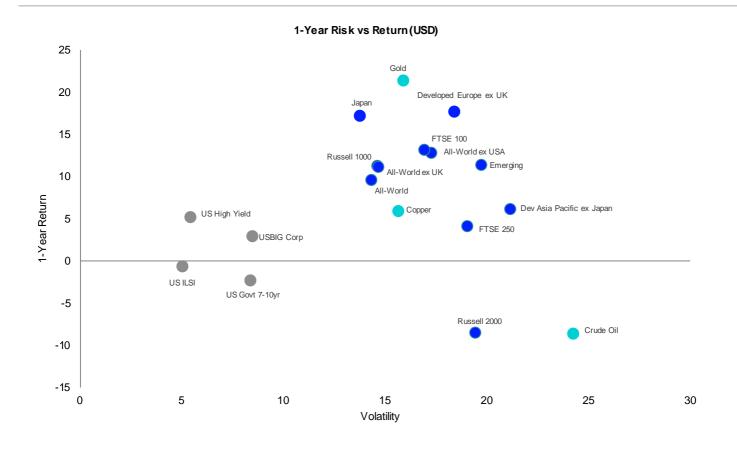
EM currencies broadly fell vs USD in October, led by the Mexican peso and Brazilian real, though the South African rand gained.

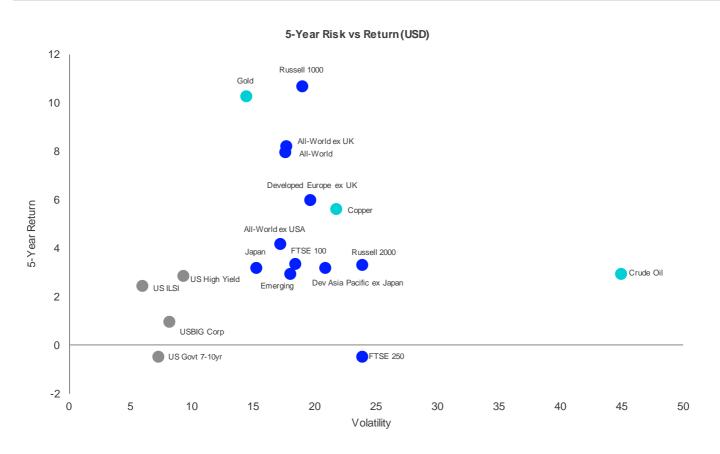




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# Asset Class Risk/Return - 1-Year and 5-Year Annualized (USD)



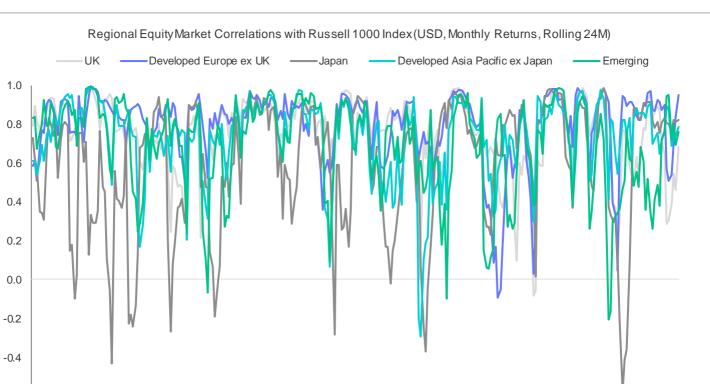


Source: FTSE Russell and LSEG. All data as of October 31, 2023. Equity market data based on: FTSE Regional, and FTSE Developed Indexes. Returns shown for UK, Europe ex UK, Japan, and Developed Asia Pacific ex Japan Factor Indicators represent hypothetical, historical performance. Past performance is no guarantee of future results. Please see the end for important legal disclosures.

# **Correlations**

-0.6

-0.8 <sup>1</sup> 2000



# **Three-Year Correlation Matrix (USD)**

\*Developed Europe ex UK uses data from Europe ex UK before May 2000

Russell 1000		0.87	0.98	0.86	0.80	0.89	0.78	0.81	0.60	0.56	0.75	0.86	0.73	0.16
Russell 2000	0.87	-	0.87	0.81	0.75	0.78	0.76	0.82	0.62	0.35	0.56	0.82	0.57	-0.03
All-World	0.98	0.87		0.94	0.88	0.94	0.86	0.90	0.72	0.59	0.74	0.87	0.78	0.23
All-World ex USA	0.86	0.81	0.94		0.94	0.95	0.90	0.96	0.86	0.58	0.67	0.80	0.78	0.31
UK	0.80	0.75	0.88	0.94		0.95	0.79	0.87	0.69	0.46	0.59	0.75	0.64	0.22
Dev Europe ex UK	0.89	0.78	0.94	0.95	0.95		0.82	0.87	0.68	0.57	0.68	0.80	0.75	0.28
Japan	0.78	0.76	0.86	0.90	0.79	0.82		0.87	0.76	0.59	0.65	0.82	0.79	0.21
Dev Asia Pacific ex Japan	0.81	0.82	0.90	0.96	0.87	0.87	0.87	· .	0.85	0.51	0.64	0.77	0.72	0.34
Emerging	0.60	0.62	0.72	0.86	0.69	0.68	0.76	0.85		0.51	0.48	0.56	0.69	0.34
US Govt 7-10yr	0.56	0.35	0.59	0.58	0.46	0.57	0.59	0.51	0.51	-	0.83	0.60	0.92	0.48
US ILSI	0.75	0.56	0.74	0.67	0.59	0.68	0.65	0.64	0.48	0.83		0.77	0.82	0.44
US High Yield	0.86	0.82	0.87	0.80	0.75	0.80	0.82	0.77	0.56	0.60	0.77		0.77	0.13
USBIG Corp	0.73	0.57	0.78	0.78	0.64	0.75	0.79	0.72	0.69	0.92	0.82	0.77	-	0.37
Gold		-0.03	0.23	0.31	0.22	0.28	0.21	0.34	0.34	0.48	0.44		0.37	-
Name	Russell 1000	Russell 2000	All-World	All-World ex USA	UK	Dev Europe ex UK	Japan	Dev Asia Pacific ex Japan	Emerging	US Govt 7- 10yr	US ILSI	US High Yield	USBIG Corp	Gold

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# **Appendix**

	Wgt (%) Mkt Cap 1M							Y.	TD	12M				
<del>-</del>		(USD bn)	LOCAL	USD	GBP	EUR	LOCAL	USD	GBP	EUR	LOCAL	USD	GBP	EUR
All-World	100.0	59,578	-2.7	-3.0	-2.4	-2.8	8.6	7.1	6.2	8.1	10.2	11.2	5.5	4.0
Developed	90.0	53,613	-2.6	-2.9	-2.3	-2.7	9.7	8.1	7.2	9.2	10.1	11.2	5.5	4.0
USA	61.0	36,367	-2.2	-2.2	-1.7	-2.1	11.0	11.0	10.1	12.1	10.3	10.3	4.6	3.1
Developed Europe ex UK	12.0	7,140	-3.3	-3.5	-2.9	-3.3	6.2	5.2	4.2	6.2	10.2	17.7	11.7	10.0
Emerging	10.0	5,965	-3.4	-3.8	-3.2	-3.6	0.2	-1.6	-2.4	-0.6	11.2	11.4	5.7	4.1
Japan	6.3	3,758	-3.1	-4.5	-3.9	-4.3	22.0	6.3	5.4	7.3	19.4	17.2	11.2	9.5
Developed Asia Pacific ex Japan	4.2	2,532	-4.4	-5.3	-4.8	-5.2	-1.3	-6.4	-7.3	-5.5	4.7	6.1	0.7	-0.8
UK	3.9	2,303	-3.8	-4.3	-3.8	-4.2	2.1	3.0	2.1	4.0	7.9	13.7	7.9	6.4
Developed - Top 20 by % w	eight (TR)													
				1	M			Y.	TD		12M			
			LOCAL	USD	GBP	EUR	LOCAL	USD	GBP	EUR	LOCAL	USD	GBP	EUR
Developed	100.0	53,613	-2.6	-2.9	-2.3	-2.7	9.7	8.1	7.2	9.2	10.1	11.2	5.5	4.0
USA	67.8	36,367	-2.2	-2.2	-1.7	-2.1	11.0	11.0	10.1	12.1	10.3	10.3	4.6	3.1
Japan	7.0	3,758	-3.1	-4.5	-3.9	-4.3	22.0	6.3	5.4	7.3	19.4	17.2	11.2	9.5
UK	4.3	2,303	-3.8	-4.3	-3.8	-4.2	2.1	3.0	2.1	4.0	7.9	13.7	7.9	6.4
France	3.1	1,676	-3.6	-3.7	-3.2	-3.6	8.0	7.0	6.0	8.0	11.8	19.5	13.4	11.8
Canada	2.7	1 420	2.6	E 2	16	5 O	0.2	2.1	2.0	1.1	0.7	1.1	6.1	7.5

Developed	100.0	53,613	-2.6	-2.9	-2.3	-2.7	9.7	8.1	7.2	9.2	10.1	11.2	5.5	4.0
USA	67.8	36,367	-2.2	-2.2	-1.7	-2.1	11.0	11.0	10.1	12.1	10.3	10.3	4.6	3.1
Japan	7.0	3,758	-3.1	-4.5	-3.9	-4.3	22.0	6.3	5.4	7.3	19.4	17.2	11.2	9.5
UK	4.3	2,303	-3.8	-4.3	-3.8	-4.2	2.1	3.0	2.1	4.0	7.9	13.7	7.9	6.4
France	3.1	1,676	-3.6	-3.7	-3.2	-3.6	8.0	7.0	6.0	8.0	11.8	19.5	13.4	11.8
Canada	2.7	1,430	-2.6	-5.2	-4.6	-5.0	0.3	-2.1	-2.9	-1.1	0.7	-1.1	-6.1	-7.5
Switzerland	2.6	1,392	-5.1	-4.6	-4.1	-4.5	-0.6	1.0	0.2	2.0	-1.6	8.2	2.7	1.2
Germany	2.2	1,190	-4.2	-4.3	-3.8	-4.2	6.5	5.5	4.6	6.5	12.5	20.3	14.2	12.5
Australia	2.1	1,140	-3.7	-5.5	-4.9	-5.3	0.3	-6.3	-7.2	-5.4	3.5	2.5	-2.8	-4.2
Korea	1.4	760	-6.8	-6.8	-6.3	-6.7	6.7	-0.1	-0.9	0.9	4.1	9.8	4.2	2.7
Netherlands	1.2	619	-1.4	-1.6	-1.0	-1.4	3.4	2.4	1.5	3.4	9.3	16.9	10.9	9.3
Denmark	0.9	471	0.5	0.2	0.8	0.4	18.9	17.3	16.3	18.4	31.6	40.4	33.2	31.3
Sweden	0.8	433	-3.3	-6.0	-5.4	-5.8	3.7	-3.3	-4.1	-2.3	8.1	6.9	1.5	0.0
Italy	0.8	410	-1.2	-1.3	-0.7	-1.2	22.3	21.2	20.1	22.3	28.8	37.7	30.7	28.8
Hong Kong	0.7	384	-2.0	-1.9	-1.3	-1.7	-17.2	-17.4	-18.1	-16.6	10.8	11.2	5.5	3.9
Spain	0.7	383	-3.6	-3.8	-3.2	-3.6	14.1	13.0	12.1	14.1	18.7	26.9	20.4	18.7
Singapore	0.4	203	-4.1	-4.4	-3.9	-4.3	-0.2	-2.3	-3.2	-1.4	4.7	8.1	2.6	1.1
Finland	0.3	162	-3.4	-3.6	-3.0	-3.4	-10.5	-11.4	-12.2	-10.5	-7.0	-0.6	-5.6	-7.0
Belgium/Lux	0.3	144	-3.3	-3.4	-2.9	-3.3	-2.4	-3.3	-4.1	-2.4	2.8	10.0	4.3	2.8
Norway	0.2	110	-1.1	-5.8	-5.2	-5.6	9.0	-3.9	-4.8	-3.0	9.4	1.8	-3.4	-4.8
Israel	0.2	82	-10.5	-15.7	-15.3	-15.6	-7.1	-19.0	-19.7	-18.2	-13.7	-24.9	-28.8	-29.8

## Emerging - Top 10 by % weight (TR)

			LOCAL	USD	GBP	EUR	LOCAL	USD	GBP	EUR	LOCAL	USD	GBP	EUR
Emerging	100.0	5,965	-3.4	-3.8	-3.2	-3.6	0.2	-1.6	-2.4	-0.6	11.2	11.4	5.7	4.1
China	32.4	1,931	-4.5	-4.4	-3.8	-4.2	-11.4	-11.6	-12.4	-10.8	19.5	19.9	13.7	12.1
India	19.4	1,155	-2.9	-3.2	-2.6	-3.0	8.7	8.0	7.1	9.0	8.3	7.7	2.2	0.7
Taiwan	16.5	985	-1.3	-1.8	-1.2	-1.6	16.6	10.4	9.5	11.5	28.4	27.6	21.0	19.3
Brazil	6.4	382	-3.0	-3.7	-3.1	-3.5	4.3	9.2	8.2	10.3	-1.3	2.7	-2.6	-4.0
Saudi Arabia	4.6	277	-2.8	-2.9	-2.3	-2.7	0.6	0.8	-0.1	1.8	-9.3	-9.2	-13.9	-15.1
South Africa	3.4	200	-2.2	-1.7	-1.2	-1.6	-2.3	-11.3	-12.1	-10.5	3.3	1.3	-3.9	-5.3
Mexico	3.0	180	-2.8	-6.4	-5.9	-6.3	3.4	11.7	10.7	12.7	1.5	11.6	5.9	4.4
Thailand	2.3	139	-4.2	-2.9	-2.4	-2.8	-12.2	-15.4	-16.1	-14.6	-8.8	-3.5	-8.4	-9.7
Indonesia	2.2	130	-5.7	-8.2	-7.7	-8.1	0.3	-1.7	-2.6	-0.8	-4.7	-6.5	-11.2	-12.5
UAE	1.9	114	-9.0	-9.0	-8.5	-8.9	-8.6	-8.6	-9.4	-7.7	-11.5	-11.5	-16.1	-17.3

1M

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12M

Source: FTSE Russell and LSEG. All data as of October 31, 2023. Equity market data based on: FTSE Regional, and FTSE Developed Indexes. Past performance is no guarantee of future results. Please see the end important legal disclosures.

# Global Investment Research Market Maps



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