

MONTHLY MARKET REVIEW

OCTOBER 2023

Scott O'Ryan Business Development Manager – Adviser & Intermediary Sales

Falesha Kidd Business Development Associate – Adviser & Intermediary Sales

EMBRACE
THE POSS/BLE®

Russell Investments overview in NZ

A leading global investment solutions partner



Decades of global investment experience

50+ years

Investment consulting

40+ years

Multi-manager funds and outsourced investing

30+ years

Working alongside New Zealand investors



Significant global scale

\$504.0b

Assets under management

\$1.6t

Assets under advice

\$83.1b

assets managed on behalf of financial advisers



Long-standing track record in New Zealand

1992

Opened office in NZ

\$2.5b

Funds under management for NZ clients

\$12b

Assets under advice

30+ clients



Integrated global investment platform

Research & advice

- > Capital markets insight
- Asset allocation tools
- > Proprietary risk systems

Fund management & implementation

- Manager research
- > Proprietary factor strategies
- > Global multi-asset investing
- > In-house trading
- > Efficient implementation



















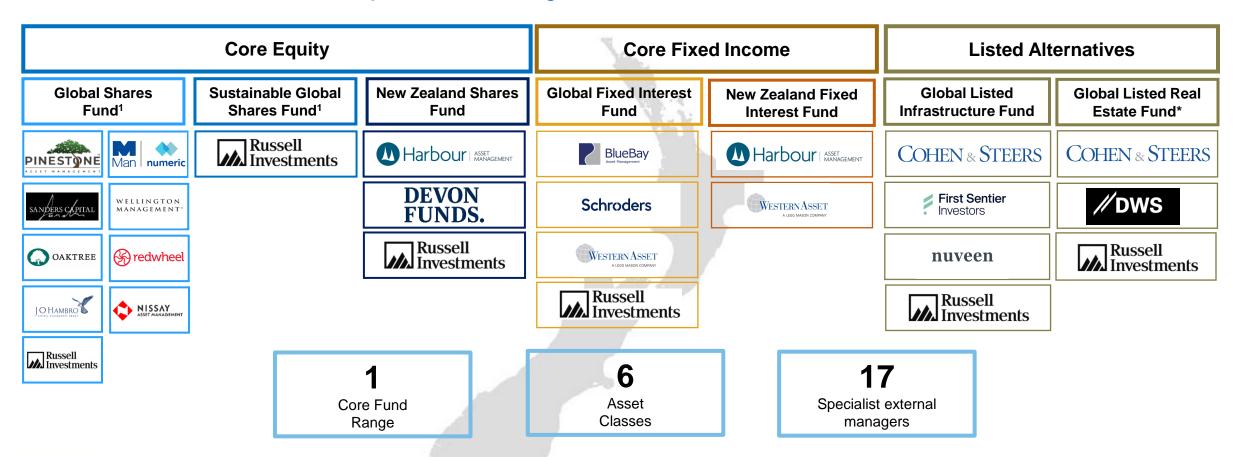


Global and NZ AUM and AUA data as at 30 September 2023. Global AUA data as of 30 June 2023, total assets traded 2022. Please note that the logos shown above may be registered trademarks of the organizations represented. Clients may contract for a variety of services from Russell Investments. The identification of the clients listed does not constitute an endorsement or recommendation of Russell Investments' products or services by such client.



Russell Investments New Zealand fund overview

Diversified, time-tested core portfolio holdings





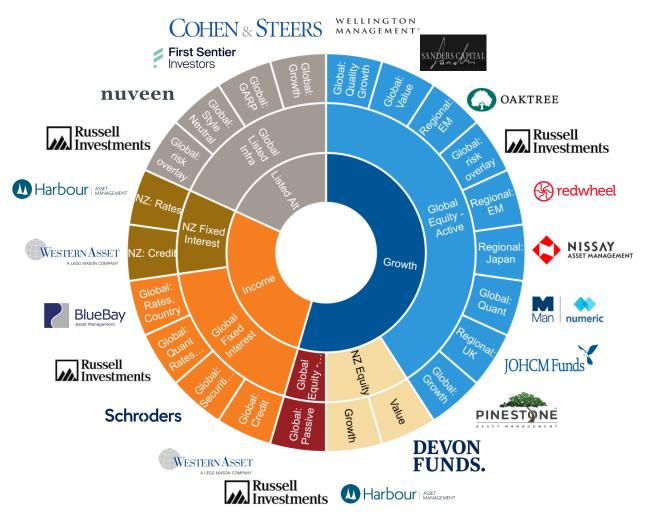
The Russell Investments Sustainable Global Shares Fund (unhedged and hedged) has been certified by the Responsible Investment Association Australasia according to the strict operational and disclosure practices required under the Responsible Investment Certification Program. See www.responsiblereturns.com.au for details. The Responsible Investment Certification Program does not constitute financial product advice. Neither the Certification Symbol nor RIAA recommends to any person that any financial product is a suitable investment or that returns are guaranteed. Appropriate professional advice should be sought prior to making an investment decision. RIAA does not hold a Financial Advice Provider licence. Global Shares and Global Sustainable Shares funds are available in both unhedged and NZD-H versions.

*Target launch date for the fund is 5 December 2023. No application monies are currently being sought and investors cannot currently apply for units in the Russell Investments Global Listed Real Estate Fund. If an offer of units is made, it will be made in accordance with the Financial Markets Conduct Act 2013.



Utilise the best manager research and portfolio construction

Example balanced 50/50 portfolio





Blend of active & passive, global-oriented portfolio



The best ideas of 16 independent fund managers giving multiple sources of alpha



All for a highly competitive all-in fee

50/50 BALANCED PORTFOLIO	SAA (%)	TOTAL EST. ANNUAL FUND CHARGES (INC GST)
New Zealand Shares Fund	10%	0.79%
Global Shares Fund	8%	0.89%
Hedged Global Shares Fund	8%	0.92%
New Zealand Fixed Interest Fund	10%	0.49%
Global Fixed Interest Fund	40%	0.59%
Sustainable Global Shares Fund	8%	0.32%
Hedged Sustainable Global Shares Fund	8%	0.34%
Hedged Global Listed Infrastructure Fund	7%	1.05%
Total	100%	0.67%

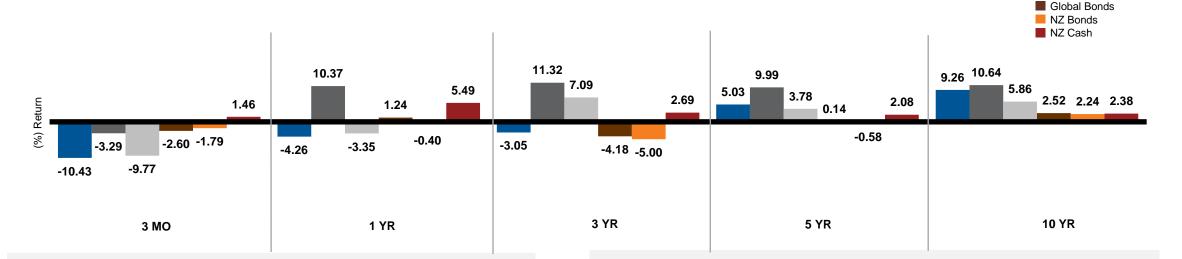
Manager breakdown as of 30 September 2023. Manager and fee data as at 31 Mar 2023 and can change. For illustrative purposes only



Capital markets

Periods ending 31 October 2023





NZ equity: NZX 50 with Imputation Credits Index

Global equity: (MSCI ACWI Index) Global market index that includes large/mid-cap stocks across developed and emerging markets

Global listed infrastructure: (S&P Global Listed Infrastructure Index – NZD Hedged) Index for global publicly traded infrastructure securities

Global bonds: (Bloomberg Global Aggregate Bond Index – NZD Hedged) Broad index for global Fixed Income market

NZ bonds: (Bloomberg NZBond Composite 0+ Yr TR NZD) Broad index for NZ Fixed Income market

Cash: NZ 90 Day Bank Bill Interest Rates NZD

CAPITAL MARKETS month to October 2023:

- NZ equities continued their decline over 2023, ending 4.7% lower
- Global equities finished the month flat in NZD terms, though 3% down in USD. Quarterly earnings
 releases were mixed. Among the 'Magnificent 7', Meta, Amazon and cloud business disappointed

NZ EquityGlobal Equity

Global Listed Infrastructure

- Emerging markets also had a weak month. Late October Chinese shares fell to the lowest level since before the pandemic as the CSI 300 index of Shanghai- and Shenzhen-listed stocks fell to about 3,463, the lowest since 2019, before recovering towards week-end
- Global bond yields rose over October as markets continued to digest the "high for longer" narrative from the Fed
- NZ bonds followed global peers, ending the month -0.16% lower

Source: Russell, Bloomberg, MSCI and S&P. Index returns denominated in NZD and represent past performance, are not a guarantee of future performance, and are not indicative of any specific investment.



Capital markets

Key asset classes for New Zealand investors

3 Mo and YTD returns (NZD)
3 months to 31 October 2023 returns (%)

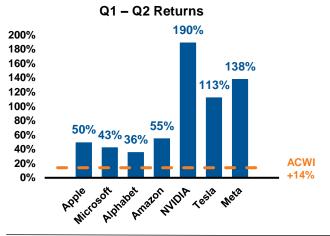


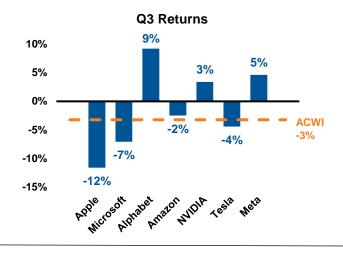
Source: Morningstar Direct, Russell Investments. Global Equity: MSCI ACWI Net Index; Global Equity: MSCI ACWI Net Index; Global Equity - Value: MSCI ACWI Net Index, Developed Equity: MSCI World Net Index; NZ Equity: S&P/NZX 50 with Imputation TR NZD; Infrastructure: S&P Global Infrastructure: S&P Global High Yield: ICE BofA Dv Mkts HY Constrained NZDH; NZ Bonds: Bloomberg NZBond Composite 0+ Yr TR NZD; Commodities: Bloomberg Commodity Index Total Return; 60/40 Portfolio: 22.5% Global Equity 100% NZD Hedged, 15% NZ Equity, 25% Global Bonds, 10% NZ Bonds, 5% Cash. Index returns are denominated in NZD and represent past performance, are not a guarantee of future performance, and are not indicative of any specific investment. Indexes are unmanaged and cannot be invested in directly.

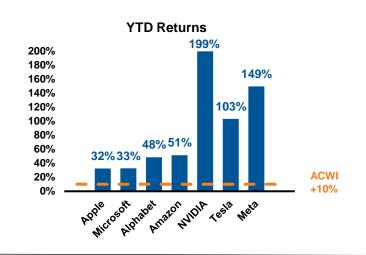


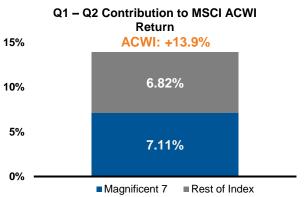
"Magnificent 7" stocks versus the rest

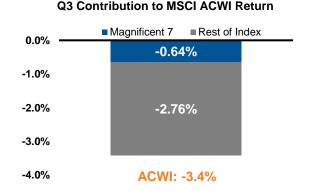
Leadership slows to end Q3, but still well ahead on the year

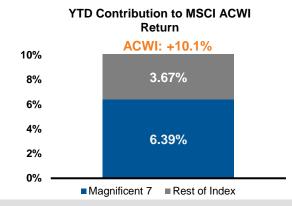






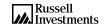






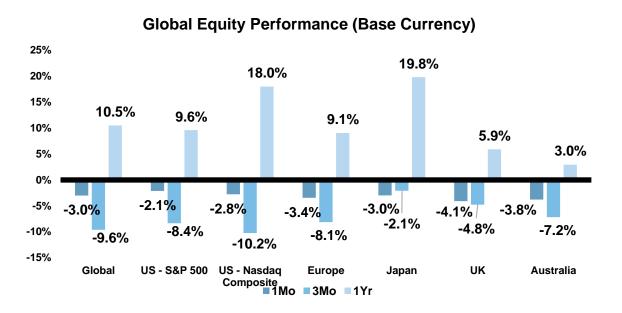
- Global equity returns were driven by outsized performance from the "Magnificent 7" to start the year
- Returns in Q3 (and into Q4) have diverged, but still dominate YTD results

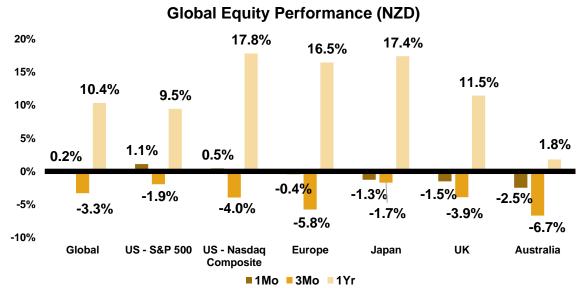
Source: Morningstar, MSCI and Russell Investments. As of 30/9/2023. Alphabet represents combined A&C shares. Index returns represent past performance, are not a guarantee of future performance, and are not indicative of any specific investment. Numbers may not be exact due to rounding. "Magnificent 7" refers to Apple, Microsoft, Alphabet, Amazon, NVIDIA, Tesla and Meta as the largest market cap stocks. All returns in USD.



Global equity performance

Periods ending 31 October 2023





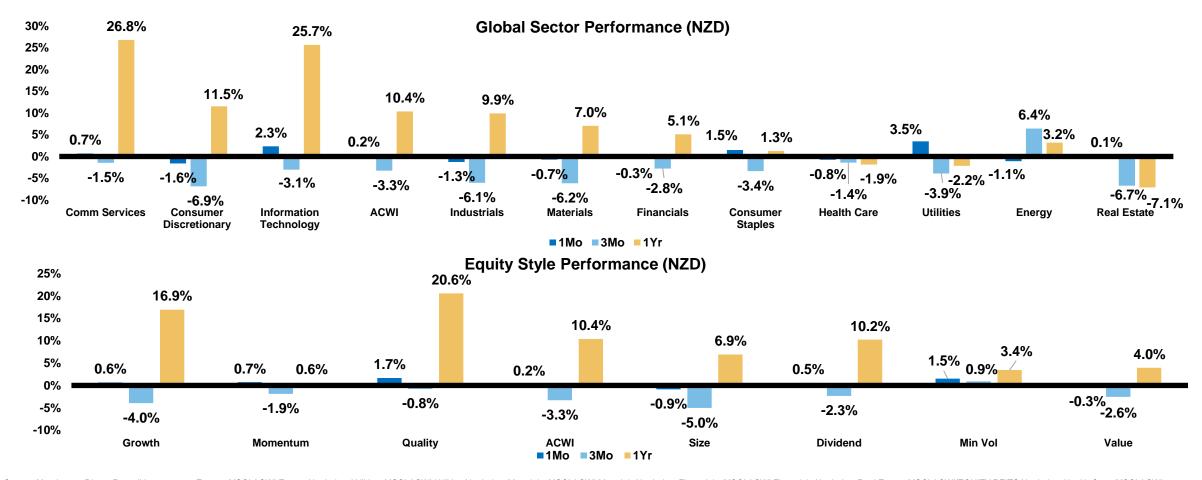
- The MSCI ACWI finished October broadly flat in NZD terms, though down 3% in USD terms
- In economic news, the US economy grew more than expected in the third quarter, expanding at its fastest pace since the fourth quarter 2021, preliminary figures showed
- In Europe, the ECB maintained interest rates at 4.0%, amid rising concerns over a recession in the region. Reflecting the weakness in the economy, flash PMI figures for October declined with the manufacturing PMI falling to 43.0 from 43.4, the services down to 47.8 from 48.7 and the composite lower at 46.5 from 47.2 in September. However, manufacturing PMI rose to 40.7 from 39.6 in September, better than market expectations of 40.0.
- In Japan, the TOPIX finished the month lower, but investors were buoyed by a strong IPO in Kokusai Electric. Offsetting this was a run of mostly disappointing domestic economic data, including a decline in the latest services sector activity number

Source: Morningstar Direct, Russell Investments. Global: MSCI ACWI NR USD, Europe: MSCI Europe Ex UK NR EUR, UK: FTSE AllSh TR GBP, Australia: S&P/ASX 200 TR AUD, Japan: TOPIX TR JPY, US - S&P 500: S&P 500 NR USD, US - Nasdaq Composite: NASDAQ Composite TR USD. Index returns represent past performance, and are not a guarantee of future performance, nor are they indicative of any specific investment. Indexes are unmanaged and cannot be invested in directly.



Global sector and style performance

Periods ending 31 October 2023

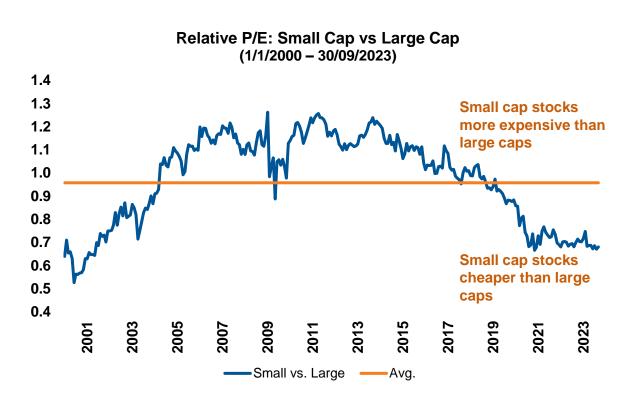


Source: Morningstar Direct, Russell Investments. Energy: MSCI ACWI Energy Net Index, Utilities: MSCI ACWI Utilities Net Index, Materials: MSCI ACWI Financials: MSCI ACWI Financials: MSCI ACWI Index, Information Technology: MSCI ACWI Index, Financials: MSCI ACWI Index, F



Large cap stocks continue decade long run

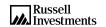
U.S. small cap stocks remain historically cheap versus large caps



TEN YEARS ENDING					
SEPT 2023	SEPT 2013	SEPT 2003	SEPT 1993		
US LC Growth 14.5%	US SC Growth 9.9%	US SC Value 11.3%	US LC Value 15.5%		
US LC Value 8.5%	US SC Value 9.3%	US LC Value 10.4%	US LC Growth 13.2%		
US SC Growth 6.7%	US LC Growth 7.8%	US LC Growth 8.5%	US SC Value 12.9%		
US SC Value 6.2%	US LC Value 8.0%	US SC Growth 4.5%	US SC Growth 7.4%		

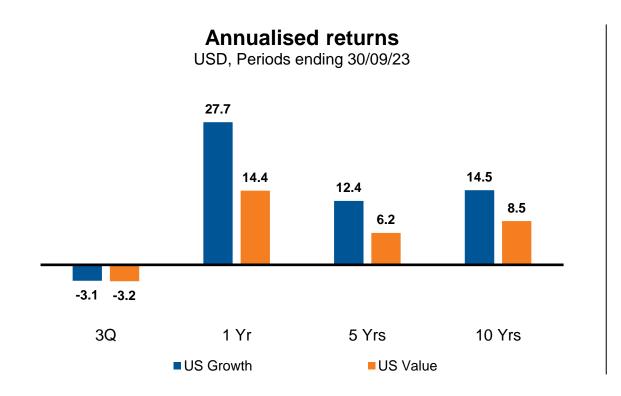
- U.S. small cap stocks have underperformed U.S. large cap stocks by 10.5% YTD in 2023
- Valuations are well below historical averages and remain near record lows relative to large caps
- A cautious environment for small caps can be an opportunity for long term investors

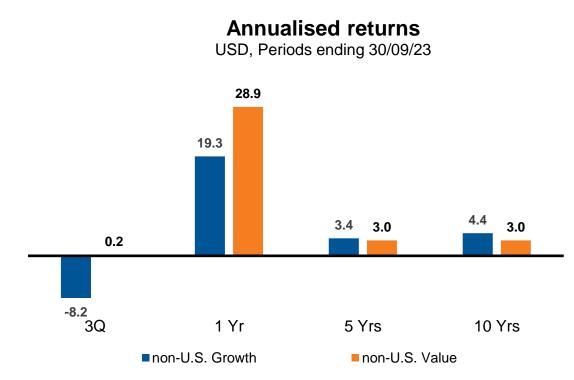
Source: Morningstar; Large Cap stocks: Russell 1000 Index; Small Cap stocks: Russell 2000 Index; U.S. LC Growth: Russell 1000 Growth Index; U.S. SC Growth: Russell 2000 Growth Index; U.S. SC Growth: Russell 2000 Growth Index; U.S. SC Value: Russell 2000 Index; Russe



Large cap growth stocks still winning in U.S.

International value stocks have rallied over the last year





- International value stocks have matched U.S. growth stocks for the twelve-month horizon
- Strong returns in non-U.S. financials, energy and industrials over the last year

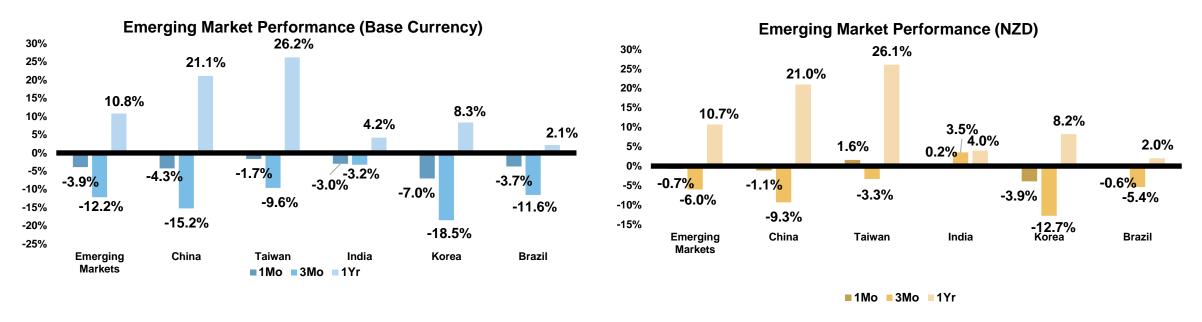
Sources: US Growth: Russell 1000 Growth Index; US Value: Russell 1000 Value Index; non-U.S. Growth: MSCI World x-US Value: MSCI World x-US Value Index returns represent past performance, are not a guarantee of future performance, and are not indicative of any specific investment. Indexes are unmanaged and cannot be invested in directly. All returns are in USD



/ 11

Emerging market performance

Periods ending 31 October 2023



- The MSCI EM Index continued its slide from September to the October 3.9% lower (USD terms), with China dragging the index lower
- In South Korea, third-quarter GDP growth positively surprised in an advance reading at 0.6% QoQ (1.4% YoY).
- Elsewhere, inflation was broadly in-line with consensus in Brazil (0.2% MoM, 5.0% YoY) for October.
- Meanwhile, in Turkey, the central bank increased its benchmark interest rate for a fifth-successive month, up 500 basis points (bps) to 35% as it continued its
 efforts to reduce inflation.

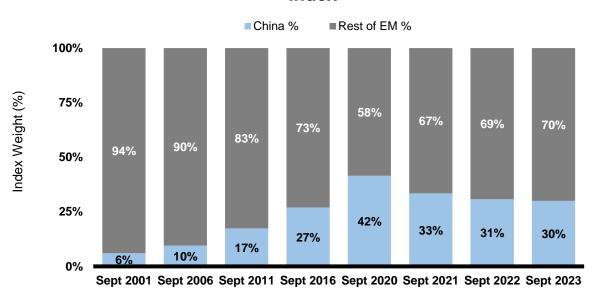
Source: Morningstar Direct, Russell Investments. Emerging Markets: MSCI EM NR USD, China: MSCI China NR USD, India: MSCI India NR USD, Korea: MSCI Korea NR USD, Brazil: MSCI Brazil NR USD. Index returns represent past performance, and are not a guarantee of future performance, nor are they indicative of any specific investment. Indexes are unmanaged and cannot be invested in directly.



China's impact on emerging markets

Representation has reduced but still a large impact on returns

Chinese stocks' representation in emerging markets index



Emerging Market Performance (%)

Today (Sept 30 th , 2023)							
YTD* 1 YR 3 YR 5 YR							
EM	6.4	10.7	0.5	4.0			
China	-3.5 21.0 -13.3						
EM ex-China	11.2 6.9 9.2						
Last year (Sept 30 th , 2022)							
YTD* 1 YR 3 YR 5 YR							
EM	-16.8	-15.0	-1.2	0.2			
China	-32.6	-35.8	-11.0	-6.6			
EM ex-China	-9.1	-3.8	3.8	3.6			

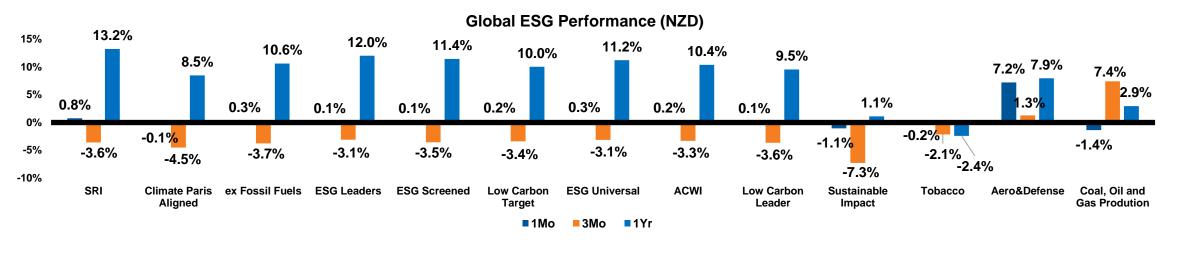
- Chinese stocks' representation within emerging markets has dropped by 13% from its peak of 43% in October 2020
- Economic and regulatory changes within China still have a large impact on emerging market performance, but less than in recent years
- Slower than expected economic reopening in China has been a drag on emerging market returns
- Valuations in China are still relatively cheap, compared to U.S. equities

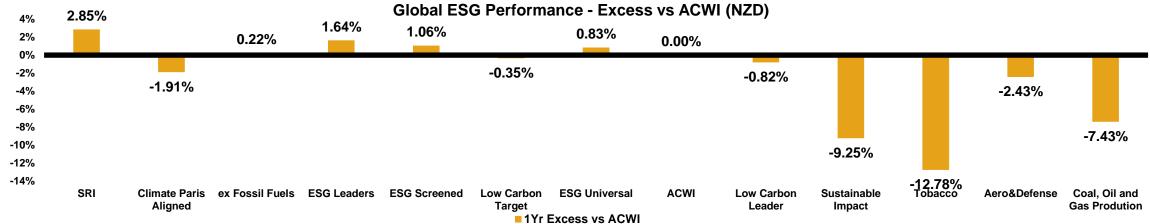
Source: Morningstar Direct. Emerging Markets (EM): MSCI Emerging Markets Index. China: MSCI China Index. Emerging Markets ex-China Index. Index returns represent past performance, are not a guarantee of future performance, and are not indicative of any specific investment. Indexes are unmanaged and cannot be invested in directly. Emerging Market Performance (%) Table: Illustrates trailing annualized total return in NZD as of "Last Year" (30/09/2022) and "Today" (30/09/2023). *YTD = Year-to-date total return is not annualised.



Global ESG & low carbon performance

Periods ending 31 October 2023



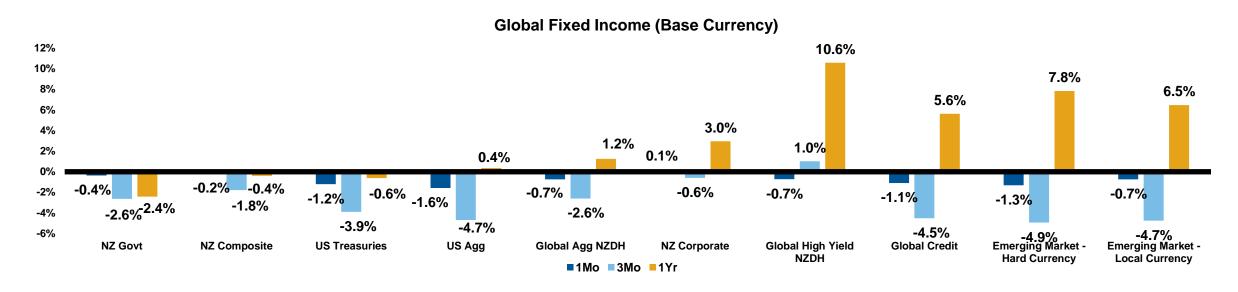


Source: Morningstar Direct, Russell Investments. Climate Paris Aligned: MSCI ACWI Climate Paris Aligned Net Index, ex Fossil Fuels: MSCI ACWI ex Fossil Fuels Net Index, ESG Screened: MSCI ACWI ESG SCREENED Net Index, Low Carbon Target: MSCI ACWI Low Carbon Target: MSCI ACWI Low Carbon Target: MSCI ACWI Low Carbon Leader: MSCI ACWI Low Carbon Leader: MSCI ACWI Low Carbon Leader: MSCI ACWI Sustainable Impact: MSCI ACWI Select Energy Prod IMI Net Index. Index returns are denominated in NZD and represent past performance, are not a guarantee of future performance, and are not indicative of any specific investment. Indexes are unmanaged and cannot be invested in directly.

Russell Investments FOR INSTITUTIONAL USE ONLY / 14

Global fixed income performance

Govt, credit and broad market performance to 31 October 2023



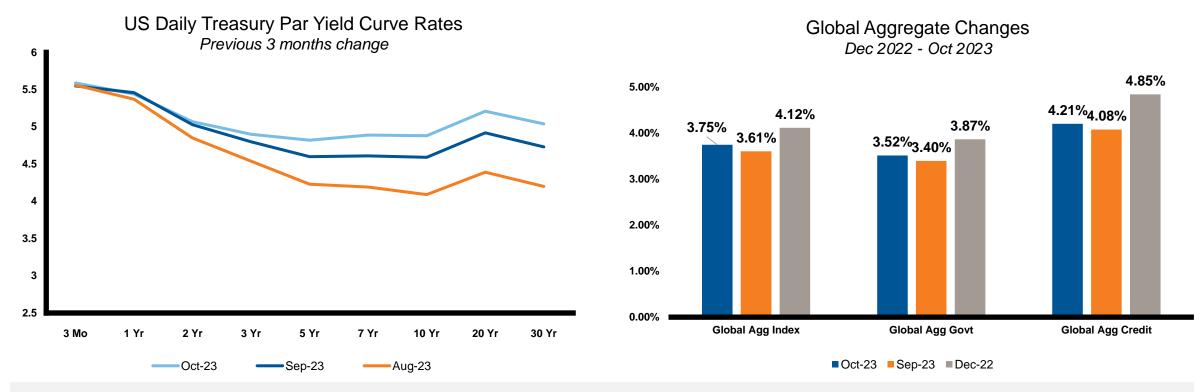
- The Bloomberg Global Aggregate index ended the period 0.7% lower.
- Market expectations are for the Fed to hold rates at its next policy meeting on 31st October.
- In the investment grade corporate bond market, issuance was lower than expected over late October.
- In Europe, the ECB left its benchmark deposit interest rate unchanged at 4.0% following 10 consecutive rate rises amid concerns over eurozone growth. This raised expectations that rates may have peaked in the region.
- Government bond yields eased with the yield on German 10-year government bunds ending six bps lower at 2.83%. In the UK, the benchmark 10-year gilt yield ended the period 11 bps lower at 4.54%.

Source: Morningstar Direct, Russell Investments. NZ Govt: Bloomberg NZBond Govt 0+ Yr TR NZD; NZ Composite: Bloomberg NZBond Composite 0+ Yr TR NZD; Global Agg NZDH: Bloomberg Global Aggregate TR Hdg NZD; US Treasuries: Bloomberg US Treasury TR USD (1987); US Agg: Bloomberg US Agg Bond TR USD NZ Corporate: S&P/NZX NZ Corp Bond Invest Grade NZD; Global High Yield NZDH: ICE BofA Dv Mkts HY Constnd TR HNZD; Global Credit: Bloomberg Global Credit: Bloomberg EM Local Currency: Bloomberg EM Local Currency Govt TR USD; Emerging Market - Hard Currency: Bloomberg EM Hard Currency Agg TR USD. Index returns are denominated in base currency and represent past performance, and are not indicative of any specific investment. Indexes are unmanaged and cannot be invested in directly.

Russell Investments FOR INSTITUTIONAL USE ONLY / 15

Global fixed income

Yield curve changes to October 2023



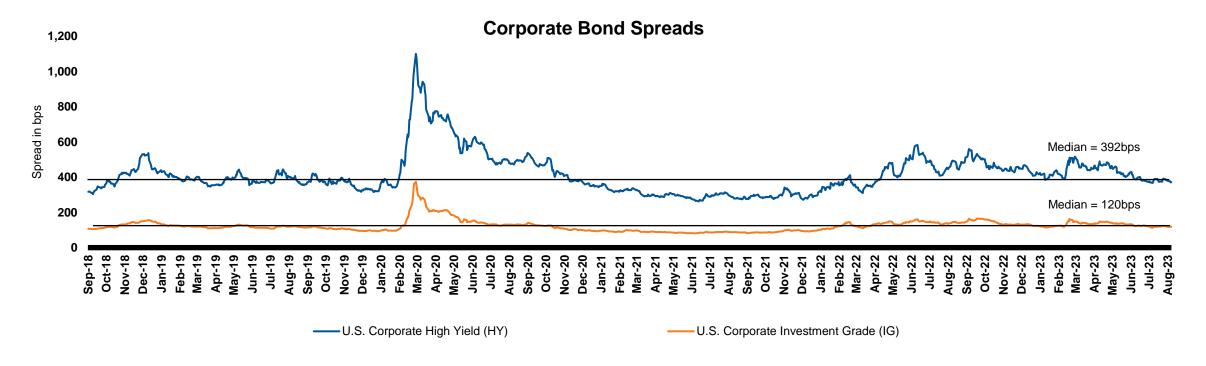
- The Bloomberg Global Aggregate index ended the month 0.7% lower.
- After breaking through the 5.0% threshold on Monday, the first time since July 2007, the yield on 10-year US Treasuries trended down, ending eight bps lower at 4.83%.
- Resilience in the US economy is adding to the challenge of anticipating when interest rate hikes will end. Increased government issuance and geopolitical tensions, notably the Middle East conflict, have also clouded the outlook.

Source: U.S. Department of the Treasury, Bloomberg, Global Agg Index; Bloomberg Global Aggregate Bond Index NZD Hedged, Global Agg Govt; Bloomberg Global Agg Government NZD hedged, Global Agg Credit, Bloomberg Global Aggregate - Credit NZD hedged. Global Agg YTM data from 31 Dec 2022 – 26 Oct 2023.



Corporate bond spreads

Appear tight relative to historical averages



- Corporate bond spreads are near to inside longer-term averages
- Factors contributing to tighter spreads include higher overall yields, lower than average default rates, reasonable levels of leverage, and overall lower issuance, particularly in the HY market
- Though yields appear attractive, caution given cycle outlook may be warranted

Source: Bloomberg U.S. Corporate Investment Grade index and Bloomberg U.S. Corporate High Yield index. Index returns represent past performance, are not a guarantee of future performance, and are not indicative of any specific investment. Indexes are unmanaged and cannot be invested in directly.



Russell Investments' global market outlook

ECONOMIC VIEWS

U.S. ECONOMY



- A soft landing is possible, but a mild recession before the end of 2024 is more likely
- Solid household finances and corporate cash buffers may limit downturn
- The economy could benefit if receding inflations boosts consumer spending

ASSET CLASSES



GLOBAL EQUITIES

- Potentially limited upside given recession risk
- Non-U.S. developed stocks are cheaper than U.S. equities, although uncertainty has us neutral
- Quality factor, low debt and stable earnings, are preferred over weights
- China's economy is holding back the performance of the emerging markets



EUROZONE

- The economy is under pressure as Germany, France, Italy and Spain all are flirting with recession
- Bank lending and money supply are declining
- Manufacturing numbers are contracting



FIXED INCOME

- Government bonds appear attractive in the U.S., U.K., and Germany
- The poor cycle outlook makes credit less attractive in both investment grade, near long-term average spreads; and high yield which is below historical credit spread levels



PACIFIC BASIN

- Property market struggles are contributing to slowdown in China
- Chinese consumer confidence and spending soft
- Japan's service spending back to pre-COVID levels



REAL ASSETS

 REIT valuations remain attractive relative to global equities and other real assets



INFLATION and EMPLOYMENT

- Unemployment numbers are lowest since the 1960s
- Current unemployment numbers fall below target for stable inflation expectations
- Likely need to see unemployment above 4% to see inflation to fall to Fed's 2% target



CURRENCIES

- USD has strengthened as of late, given higher expectations of a soft landing
- Yen is offering attractive cycle and value perspective
- The Euro appears undervalued, but will likely only rally if recession fears subside

There is no guarantee the stated expectations will be met.

As of 26/09/2023. Forecasting represents predictions of market prices and/or volume patterns utilizing varying analytical data. It is not representative of a projection of the stock market, or of any specific investment.



Economic risks remain elevated

Even as some forecasters have walked back their recession risk

MEDIUM-TERM RISK INDICATORS	JUNE 2022	SEPT 2023
Slope of the curve (10y-2y)		
Labor market slack		
Stance of Fed policy		
Output Gap		
Corporate financing gap		
Household debt levels		
Household debt services		
Corporate debt levels		
Corporate debt services		

REAL TIME ACTIVITY INDICATORS	JUNE 2022	SEPT 2023
Business Cycle Index		
Yield Curve (10y – 3m)		
Employment Growth		
Consumption Growth		
Ted Spread		
Credit Spread		
Temporary help employment		
Cyclical v stable spending index		
Architectural billings		
Financial Conditions Index		
Banking lending standards		
ISM Manufacturing		
ISM non-manufacturing		
Initial jobless claims		
Bank loan demand		

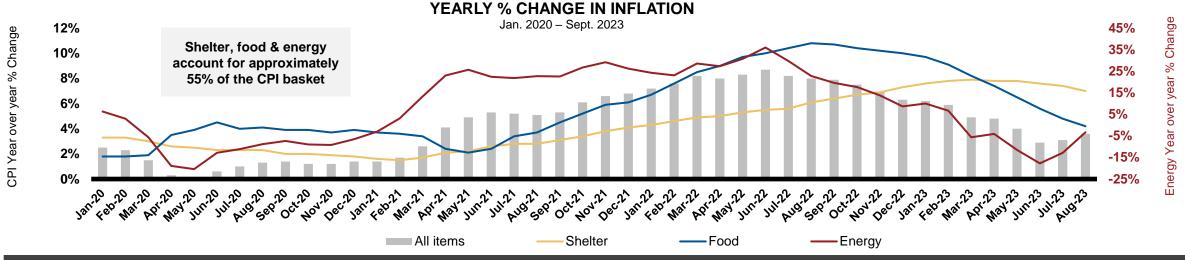
- Real time activity indicators have weakened since last summer
- Recession risks are elevated, but bright spots remain

Source: Russell Investments, June 2022 and September 2023. Red denotes areas of high risk, yellow and orange denote areas of intermediate risk, and green denotes areas of low risk. Approx recession dates are based on historical lead-lag times associated with each indicator.



U.S. Inflation

What a difference a year makes. And what's next?



		CPI 12 MONTH % CHANGE			
CPI Categories	Change in past 12 months Aug 2022 – Aug 2023	Change 1 Year Ago Aug 2021 – Aug 2022	All Time Average (Since 1980)		
All Items	+3.6%	+8.0%	+3.1%		
Shelter	+7.0%	+6.1%	+3.6%		
Food	+4.2%	+10.8%	+3.1%		
Energy	-3.3%	+22.8%	+3.3%		

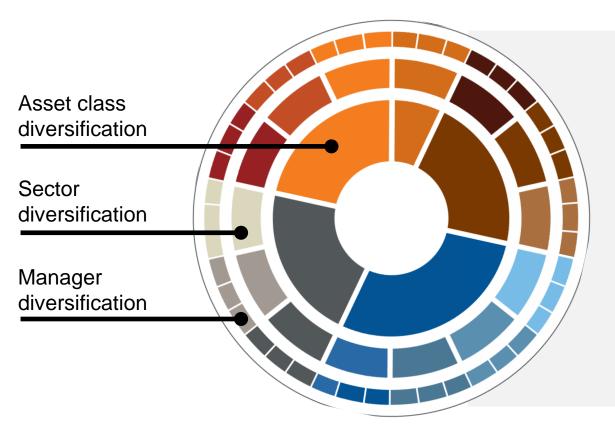
- Inflation has been moderating over the last year alongside lower prices in food and shelter
- Since June 2023, a 5% increase in volatile energy prices nudged inflation levels slightly higher
- Elevated wage growth continues to remain a concern for the Fed

Source: BLS.gov As of 31/08/2023



Managing through volatility

The future is uncertain, we focus on making the most of it.



Stay the course

We know investors tend to ride their emotions, but history shows that staying invested during downturns tends to be rewarded.

Stay diversified

No one asset class or style always outperforms. No single manager is great at everything.

Stay invested

In times of market volatility some investors choose to move to cash investments, while others try to time the market. Unfortunately, these investors are often buying high and selling low—and miss the rallies that follow the challenging periods.





THANK YOU!

ANY QUESTIONS?

Important information

The information contained in this publication was prepared by Russell Investment Group Limited on the basis of information available at the time of preparation. This publication provides general information only and should not be relied upon in making an investment decision. Before acting on any information, you should consider the appropriateness of the information provided and the nature of the relevant Russell Investments' fund having regard to your objectives, financial situation and needs. In particular, you should seek independent financial advice and read the relevant Product Disclosure Statement or Information Memorandum prior to making an investment decision about a Russell Investments' fund. Accordingly, Russell Investment Group Limited and their directors will not be liable (to the maximum extent permitted by law) for any loss or damage arising as a result of reliance being placed on any of the information contained in this publication. None of Russell Investment Group Limited, any member of the Russell Investments group of companies, their directors or any other person guarantees the repayment of your capital or the return of income. All investments are subject to risks. Significant risks are outlined in the Product Disclosure Statements or the Information Memorandum for the applicable Russell Investments' fund. Past performance is not a reliable indicator of future performance.

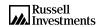
The Product Disclosure Statements or the Information Memorandum for the Russell Investments' funds (as applicable) are available by contacting Russell Investment Group Limited on 09 357 6633 or 0800 357 6633.

Source for MSCI data: MSCI. The MSCI information may only be used for your internal use, may not be reproduced or redisseminated in any form and may not be used to create any financial instruments or products or any indices. The MSCI information is provided on an "as is" basis and the user of this information assumes the entire risk of any use made of this information. MSCI, each of its affiliates and each other person involved in or related to compiling, computing or creating any MSCI information (collectively, the MSCI Parties.) expressly disclaims all warranties (including, without limitation, any warranties of originality, accuracy, completeness, timeliness, non-infringement, merchantability and fitness for a particular purpose) with respect to this information. Without limiting any of the foregoing, in no event shall any MSCI Party have any liability for any direct, indirect, special, incidental, punitive, consequential (including, without limitation, lost profits) or any other damages.

S&P Indexes are a product of S&P Dow Jones Indices LLC and/or its affiliates and has been licensed for use by Russell Investments. Copyright © 2023 S&P Dow Jones Indices LLC, a division of S&P Global, Inc., and/or its affiliates. All rights reserved. Redistribution or reproduction in whole or in part are prohibited without written permission of S&P Dow Jones Indices LLC. For more information on any of S&P Dow Jones Indices LLC's indices please visit www.spdji.com. S&P® is a registered trademark of S&P Global and Dow Jones® is a registered trademark of Dow Jones Trademark Holdings LLC. Neither S&P Dow Jones Indices LLC, Dow Jones Trademark Holdings LLC, their affiliates nor their third party licensors make any representation or warranty, express or implied, as to the ability of any index to accurately represent the asset class or market sector that it purports to represent and neither S&P Dow Jones Indices LLC, Dow Jones Trademark Holdings LLC, their affiliates nor their third party licensors shall have any liability for any errors, omissions, or interruptions of any index or the data included therein.

Bloomberg Index Services Limited. BLOOMBERG® is a trademark and service mark of Bloomberg Finance L.P. and its affiliates (collectively "Bloomberg"). Bloomberg or Bloomberg's licensors own all proprietary rights in the Bloomberg Indices. Bloomberg does not approve or endorse this material or guarantee the accuracy or completeness of any information herein, nor does Bloomberg make any warranty, express or implied, as to the results to be obtained therefrom, and, to the maximum extent allowed by law, Bloomberg shall not have any liability or responsibility for injury or damages arising in connection therewith.

Copyright © 2023 Russell Investments. All rights reserved. This information contained on this publication is proprietary and may not be reproduced, transferred, or distributed in any form without prior written permission from Russell Investments.



Appendix 1

Historical Growth and Balanced portfolios

PORTFOLIO DATE	ASSET CLASS	HOLDINGS	BALANCED (%)	GROWTH (%)
31/12/1975	Developed Market Equity	MSCI World GR	60.00	80.00
	Fixed Income	Bloomberg US Agg Bond TR	40.00	20.00
31/12/1987	Developed Market Equity	MSCI World NR	55.00	75.00
	Emerging Market	MSCI EM GR	5.00	5.00
	NZ Bonds	NZ 5 Yr Govt Bonds NZD	10.00	5.00
	Global Bonds	Bloomberg Global New Zealand TR NZD	25.00	12.50
	NZ Cash	NZ 90 Day Bank Bill Interest Rates NZD	5.00	2.50
31/12/1990	NZ Equity	S&P/NZX All TR NZD	15.00	20.00
	Developed Market Equity	MSCI World NR	40.00	55.00
	Emerging Market	MSCI EM GR	5.00	5.00
	NZ Bonds	NZ 5 Yr Govt Bonds NZD	10.00	5.00
	Global Bonds	Bloomberg Global New Zealand TR NZD	25.00	12.50
	NZ Cash	NZ 90 Day Bank Bill Interest Rates NZD	5.00	2.50
31/03/2001	NZ Equity	S&P/NZX All TR NZD	15.00	20.00
	Global Equity	MSCI ACWI NR	45.00	55.00
	NZ Bonds	NZ 5 Yr Govt Bonds NZD	10.00	5.00
	Global Bonds	Bloomberg Global Aggregate TR Hdg NZD	25.00	12.50
	NZ Cash	NZ 90 Day Bank Bill Interest Rates NZD	5.00	2.50

PORTFOLIO DATE	ASSET CLASS	HOLDINGS	CONSERVATIVE (%)	BALANCED (%)	GROWTH (%)
30/11/2007	NZ Equity	S&P/NZX 50 with Imputation TR NZD		15.00	20.00
	Global Equity	MSCI ACWI NR		25.50	60.00
	Global Equity – Hedged	MSCI ACWI Hedged 100% to NZD		25.50	60.00
	NZ Bonds	NZ 5 Yr Govt Bonds NZD		10.00	5.00
	Global Bonds	Bloomberg Global Aggregate TR Hdg NZD		25.00	12.50
	NZ Cash	NZ 90 Day Bank Bill Interest Rates NZD		5.00	2.50
31/12/2010	NZ Equity	S&P/NZX 50 with Imputation TR NZD	5.00	15.00	20.00
	Global Equity	MSCI ACWI NR	7.50	22.50	30.00
	Global Equity – Hedged	MSCI ACWI Hedged 100% to NZD	7.50	22.50	30.00
	NZ Bonds	Bloomberg NZBond Composite 0+ Yr TR NZD	20.00	10.00	5.00
	Global Bonds	Bloomberg Global Aggregate TR Hdg NZD	50.00	25.00	12.50
	NZ Cash	NZ 90 Day Bank Bill Interest Rates NZD	10.00	5.00	2.50



Biography



Masters of Public Administration, London School of Economics and Political Science

Postgraduate Diploma – Finance, Massey University

Bachelor of Business Studies, Massey University

Scott O'Ryan

Business Development Manager, Adviser and Intermediary Sales

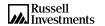
Scott is based in the Auckland office. He is part of the team that is responsible for growing Russell Investments' profile within the financial advisory and wealth management sector.

Prior to joining Russell Investments in 2020, Scott worked at Morningstar, where he held senior roles in the Client Solutions team and was involved in delivering data and research to advisory and institutional clients. Prior to returning to New Zealand in 2019, O'Ryan held a variety of roles within Morningstar's Data and Research teams in the United Kingdom.

Scott is a graduate of Massey University (2010, 2011), holding a degree in Business Studies and a postgraduate diploma in Finance. He has also completed a Masters in Public Administration at the London School of Economics (2017).



Connect with Scott on LinkedIn



Biography



Bachelor of Commerce, Victoria University of Wellington

Falesha Kidd Business Development Associate

Falesha is also based in the Auckland office and part of the team that is responsible for growing Russell Investments' profile within the financial advisory and wealth management sector, mainly through distributing the firm's range of multi-manager and directly managed funds.

Prior to joining Russell Investments in 2023, Falesha worked as a Client Relationship Manager for Syndex, dealing with some of New Zealand's largest private market issuers and investors.



Connect with Falesha on LinkedIn



/ 25