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Cogence Global Growth PortfoliosMonthly Strategy Report

BlackRock Multi-Asset Strategies & Solutions | April 2023



Executive Summary

This report reviews the monthly performance, risk and positions of the **Cogence Portfolio** range.

		01 Conservative			02 Moderate			03 Aggressive		
		Portfolio	Benchmark2	Active	Portfolio	Benchmark3	Active	Portfolio	Benchmark4	Active
	Month	0.69%	0.75%	-0.06%	0.75%	0.98%	-0.23%	0.86%	1.21%	-0.35%
Doufoumones	3 Months	0.60%	1.22%	-0.63%	0.56%	1.34%	-0.78%	0.53%	1.46%	-0.93%
Performance	Year-to-date	4.03%	4.79%	-0.75%	5.09%	6.14%	-1.05%	6.09%	7.49%	-1.40%
	Since inception5	0.06%	-	-	1.92%	-	-	3.62%	-	-
Risk	Ex-ante Risk1	6.94%	6.33%	1.16%	10.31%	9.63%	1.15%	13.90%	13.30%	1.18%
	ESG Adjusted Score	6.4	6.2	0.1	6.4	6.4	-0.1	7.0	6.6	0.4
ESG	Carbon Emission Intensity	162.0	159.3	1.67%	162.0	155.2	4.36%	118.8	152.9	-22.29%

Monthly Market Commentary

April was a positive month for most risk assets with the positive correlation between equity and bonds persisting. Japan continued to be one of the strong performed in 2023. UK equities also had a better month in April. Fixed Income assets were close to flat over the month but exhibited high intramonth volatility. UK government bonds were the biggest detractor as the benchmark rates rose by 23bps over the month. Credit spreads tightened marginally over the month with the exception of European high yield assets.

In line with the benchmarks the portfolios generated positive return over the month however, active performance was negative over the month. The Aggressive profile underperformed its benchmark by 0.35%, the Moderate by 0.23% and Conservative profile underperformed by 0.06%.

Manager Selection was the biggest detractor, as the European equity manager gave back the alpha generated in the year so far. On the asset allocation side the overweight to emerging market detracted however active positions on the fixed income assets added to active return. Overall, asset allocation added marginal alpha to offset the losses from manager selection.

At the end of April we made small changes to asset allocation.

- We increased our allocation to Inflation linked bonds while reducing the exposure to High yield credit. Overall we increased the allocation to Fixed Income.
- On the Equity side we reduced our allocation to UK equity bringing it back to neutral.

The three portfolios continue to be positioned with a slight risk on generating an active risk between 1.15% and 1.18%.

1Risk based on 230 exponentially weighted monthly observations (36 month half life). 2Benchmark is composed of 25% MSCI All Country World Index (Net Total Return) and 75% BBG Global Index (USD Hedged). 3Benchmark is composed of 50% MSCI All Country World Index (Net Total Return) and 25% BBG Global Aggregate Index (USD Hedged). 4BenchAggregatemark is composed of 75% MSCI All Country World Index (Net Total Return) and 25% BBG Global Aggregate Index (USD Hedged). 5Since inception as at 18th August 2020

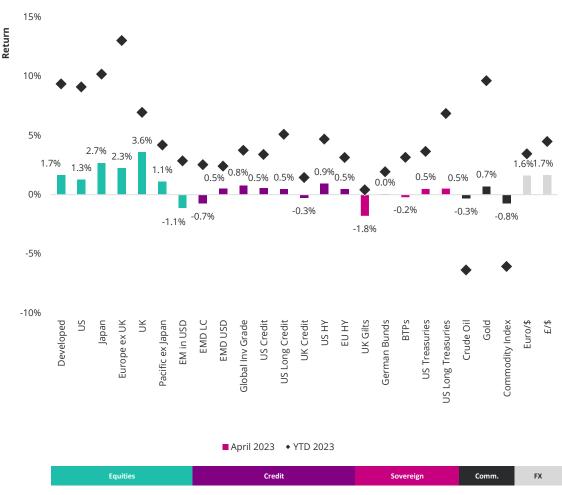


Monthly Market Update April 2023

Monthly Market Commentary

- Financial markets were relatively calm over April despite the uncertain macroeconomic outlook. April was a positive month for the global economy with growth remaining remarkably resilient in the face of higher interest rates, whilst falling energy prices helped bring headline inflation down in the major developed economies. Developed market equities rose by 1.7% in local currency terms over the month. At a regional level, European equities delivered 2.3%, while US equities and Japanese equities returned 1.3% and 2.7% respectively. Emerging markets decreased by 1.1%. During the month, developed market bonds delivered a mixed bag of returns. US treasuries increased by 0.5%, while UK gilts decreased by 1.8%. In currencies, the Euro appreciated by 1.6% relative to the USD, while Sterling appreciated by 1.7% against the USD.
- In April, headline US inflation dropped to 5.0% year-on-year, while core inflation increased slightly to 5.6%. US manufacturing climbed away from the three-year low witnessed in March, as new orders improved slightly and employment rebounded. However, activity remained depressed amid higher borrowing costs and tight credit conditions. The unemployment rate fell to 3.4% and non-farm payrolls grew by 253,000. Average hourly earnings increased slightly to 4.4% year-on-year. In the Eurozone, CPI increased by 0.1% to 7.0%, while core inflation fell by 0.1% to 5.6% year-on-year. The UK manufacturing PMI fell to 47.8, however there was some positive news on the inflation front, as UK headline inflation fell from 10.4% to 10.1%.
- Despite experiencing some intra-month volatility, fixed income markets finished April on a positive note. Rising concerns around the US debt ceiling and ongoing market repricing over expectations of future monetary policy drove volatility across short-dated government bonds. US 10-year yields fell from 3.48% to 3.43%, with the two-year yield falling from 4.04% to 4.03%. Germany's 10-year yield rose from 2.31% to 2.32%, whilst the UK 10-year and 2-year yields rose from 3.49% to 3.72%, and 3.44% to 3.78% respectively. Both US and European high yield and global investment grade displayed positive returns. Emerging market debt performed negatively in local currency terms but positively in USD terms. Commodities delivered a mix of returns, with crude oil falling by 0.3% at the same time that gold appreciated by 0.7%.

Monthly Market Performance



The figures shown relate to past performance. Past performance is not a reliable indicator of current or future results. Index performance is shown for illustrative purposes only. You cannot invest directly in an index. Index performance returns do not reflect any management fees, transaction costs or expenses. Source: Multi-Asset Strategies & Solutions, DataStream, all data as of 28 April 2023. All performance numbers in local currency unless otherwise stated.



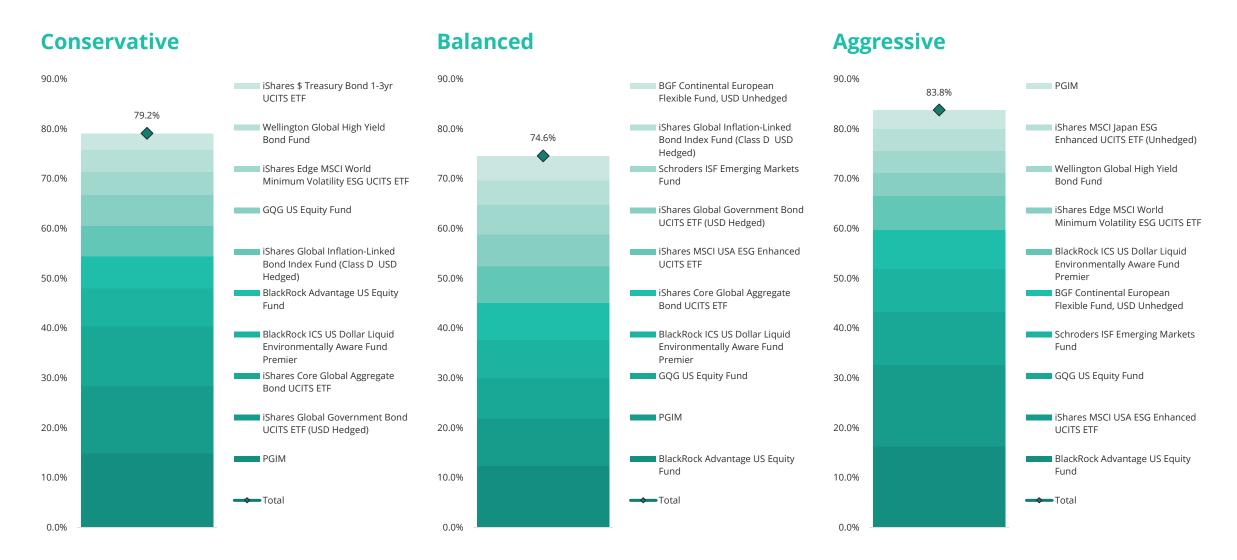
Asset Allocation Review

		Consei	Conservative		Moderate		Aggressive	
Asset Class		Apr-23	Change	Apr-23	Change	Apr-23	Change	
	Equity	27.67%	0.21%	52.68%	0.21%	77.64%	0.12%	
Emorging Markets	iShares MSCI EM ESG Enhanced UCITS ETF	1.94%	-0.04%	1.94%	-0.04%	1.94%	-0.04%	
Emerging Markets	Schroders ISF Emerging Markets Fund	3.03%	-0.06%	5.85%	-0.12%	8.67%	-0.20%	
Europe BGF Continental European Flexible Fund, USD Unhedged		1.59%	0.00%	4.86%	-0.01%	7.72%	-0.02%	
Global Small Cap	American Century Global Small Cap Equity Fund	0.64%	-0.01%	1.24%	-0.02%	1.88%	-0.03%	
Japan	iShares MSCI Japan ESG Enhanced UCITS ETF (Unhedged)	1.20%	0.00%	2.79%	-0.01%	4.38%	-0.02%	
UK	iShares FTSE 100 ETF, USD Un-hedged	1.46%	0.06%	2.29%	0.09%	3.23%	0.12%	
	BlackRock Advantage US Equity Fund	6.43%	0.01%	12.44%	-0.01%	16.33%	-0.04%	
US	GQG US Equity Fund	6.14%	0.16%	8.18%	0.20%	10.72%	0.24%	
	iShares MSCI USA ESG Enhanced UCITS ETF	0.00%	0.00%	7.25%	0.04%	16.29%	0.07%	
World Factors	iShares Edge MSCI World Minimum Volatility ESG UCITS ETF	4.59%	0.09%	4.59%	0.08%	4.58%	0.07%	
WOITH FACTORS	iShares Edge MSCI World Value ETF	0.65%	0.00%	1.26%	0.00%	1.91%	0.00%	
	Fixed Income	64.74%	-0.23%	39.73%	-0.21%	15.48%	-0.11%	
Emerging Markets	Neuberger Berman Emerging Market Debt Local Currency Fund	1.50%	0.01%	1.50%	0.00%	1.50%	0.00%	
Emerging warkets	Payden Emerging Market Debt HC Fund	1.49%	0.00%	1.49%	-0.01%	1.49%	-0.01%	
	iShares \$ Treasury Bond 1-3yr UCITS ETF	3.30%	0.00%	1.80%	0.00%	0.00%	0.00%	
	iShares China CNY Bond UCITS ETF Agg	3.01%	0.02%	0.50%	0.00%	0.00%	0.00%	
	iShares Core Global Aggregate Bond UCITS ETF	12.01%	0.00%	7.50%	-0.01%	0.80%	0.00%	
Government Bonds	iShares Euro Government Bond Climate UCITS ETF (EUR Unhedged)	2.01%	0.00%	1.00%	0.00%	0.00%	0.00%	
	iShares Global Government Bond UCITS ETF (USD Hedged)	13.46%	-0.12%	6.47%	-0.07%	0.00%	0.00%	
	iShares Global Inflation-Linked Bond Index Fund (Class D USD Hedged)	6.19%	-0.08%	5.01%	-0.08%	3.43%	-0.06%	
	iShares USD Treasury Bond 7-10yr UCITS ETF USD	2.31%	0.00%	0.50%	0.00%	0.00%	0.00%	
High Yield	Wellington Global High Yield Bond Fund	4.49%	0.00%	4.48%	0.00%	4.48%	-0.01%	
IG Credit	PGIM Global Investment Grade	14.96%	-0.06%	9.47%	-0.05%	3.78%	-0.03%	
	Cash	7.60%	0.02%	7.59%	0.01%	6.88%	-0.01%	
Cach	BlackRock ICS US Dollar Liquid Environmentally Aware Fund Premier	7.60%	0.02%	7.59%	0.01%	6.88%	-0.01%	
Cash	Cash	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Total		100.00%		100.00%		100.00%		

Source: BlackRock, 30 April 2023. Performance and valuations rounded where appropriate, hence totals may not sum. *Positions shown are as off end of the month and included market drift from the last rebalance.



Asset Allocation | Top 10 Holdings



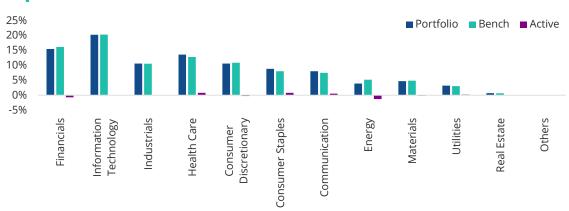
Source: BlackRock, 30 April 2023. Performance and valuations rounded where appropriate, hence totals may not sum. Positions shown are as off end of the month and included market drift from the last rebalance.



Asset Allocation Review | Look-Through Analysis

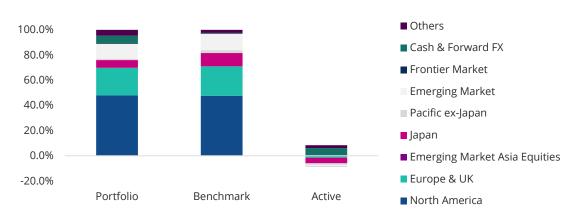
The graphs on this page provide a look-through perspective on active allocations in the Conservative Model Portfolio.

Equities: Sector allocation

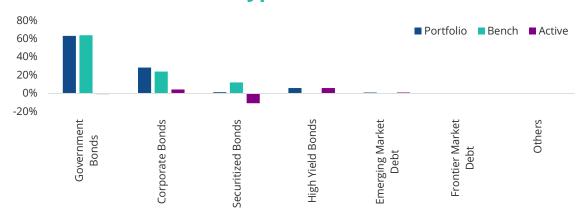


The allocations are scaled to the portfolio's total equity/fixed income allocation. Figures are based on unaudited values.

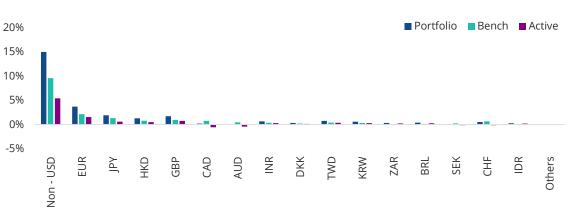
Total Portfolio: Country allocation



Fixed Income: Issuer Type



Total Portfolio: Currency allocation



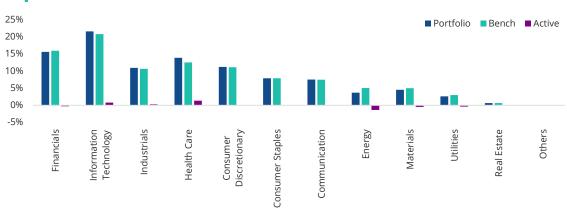
BlackRock, Data as of 30 April 2023. Figures are based on unaudited values. Benchmark is composed of 25% MSCI All Country World Index (Net Total Return) and 75% BBG Global Aggregate Index (USD Hedged).



Asset Allocation Review | Look-Through Analysis

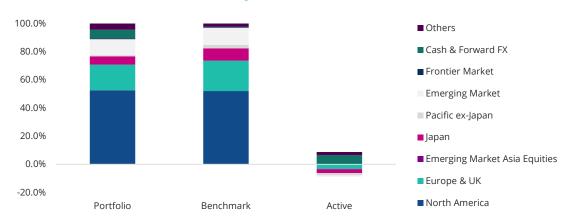
The graphs on this page provide a look-through perspective on active allocations in the Moderate Model Portfolio.

Equities: Sector allocation

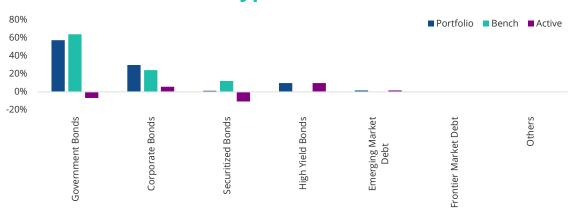


The allocations are scaled to the portfolio's total equity/fixed income allocation. Figures are based on unaudited values.

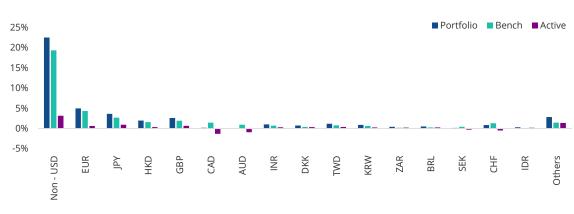
Total Portfolio: Country allocation



Fixed Income: Issuer Type



Total Portfolio: Currency allocation



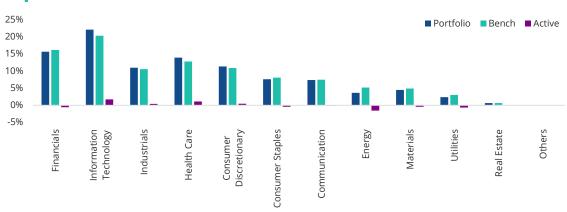
BlackRock Data as of 30 April 2023. Figures are based on unaudited values. Benchmark is composed of 50% MSCI All Country World Index (Net Total Return) and 50% BBG Global Aggregate Index (USD Hedged).



Asset Allocation Review | Look-Through Analysis

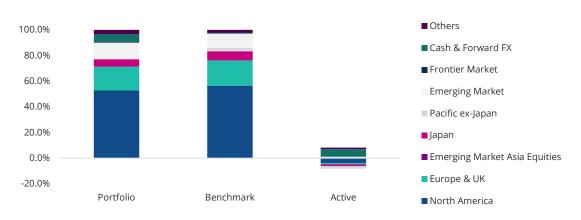
The graphs on this page provide a look-through perspective on active allocations in the Aggressive Model Portfolio.

Equities: Sector allocation

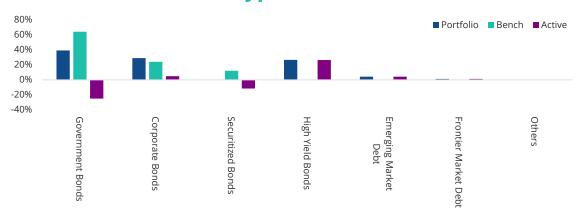


The allocations are scaled to the portfolio's total equity/fixed income allocation. Figures are based on unaudited values.

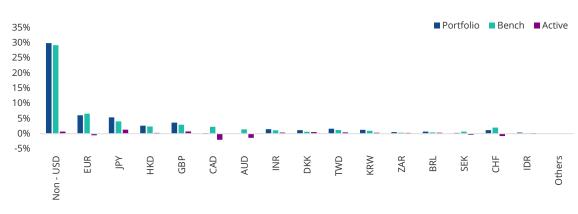
Total Portfolio: Country allocation



Fixed Income: Issuer Type



Total Portfolio: Currency allocation



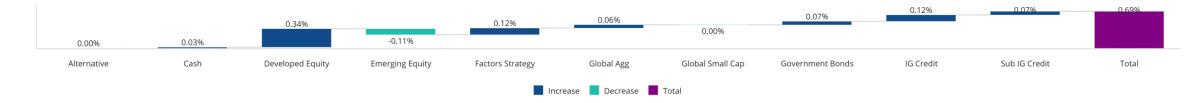
BlackRock, Data as of 30 April 2023. Figures are based on unaudited values. Benchmark is composed of 75% MSCI All Country World Index (Net Total Return) and 25% BBG Global Aggregate Index (USD Hedged).



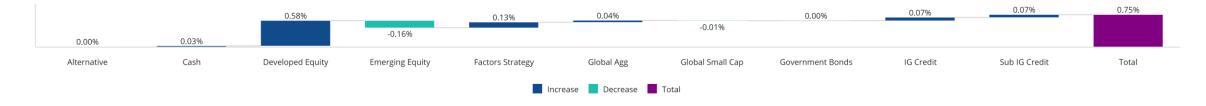
Performance Contribution | 1 Month

Performance Contribution identifies how much of the total portfolio performance has been contributed from the underlying investments.

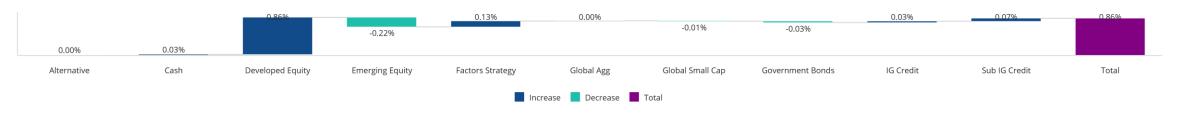
Conservative



Moderate



Aggressive



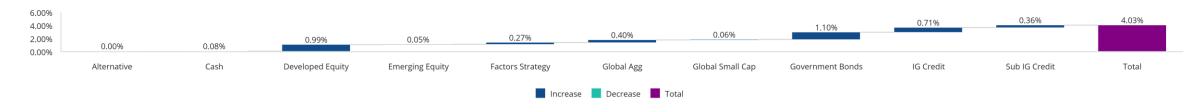
Note: Attribution methodology calculates the active performance under three headings. Asset Allocation includes any active tilts applied using underlying pooled funds, futures or currency forwards. Performance is shown gross of Fee, but some components of the performance may be net when the management fee relating to the collective investment scheme and exchange traded funds is borne in the unit price.



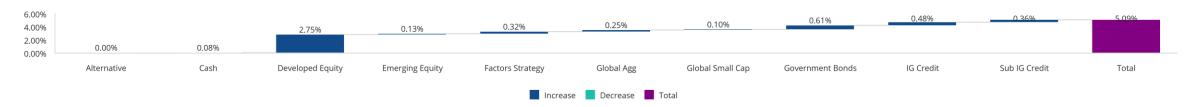
Performance Contribution | Year to Date

Performance Contribution identifies how much of the total portfolio performance has been contributed from the underlying investments.

Conservative



Moderate



Aggressive



Note: Attribution methodology calculates the active performance under three headings. Asset Allocation includes any active tilts applied using underlying pooled funds, futures or currency forwards. Performance is shown gross of Fee, but some components of the performance may be net when the management fee relating to the collective investment scheme and exchange traded funds is borne in the unit price.



Risk Review | Absolute & Relative

Conservative

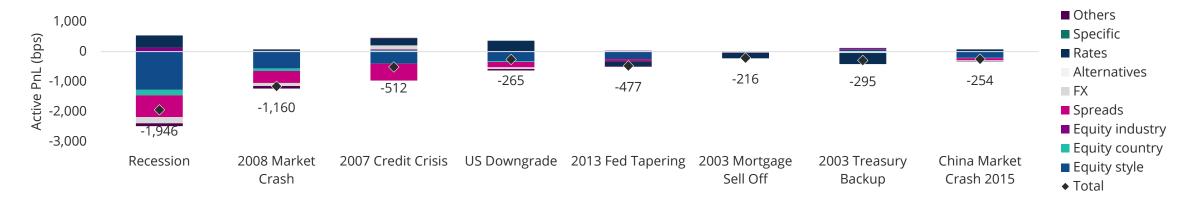




Risk Review | Scenario analysis

The charts below apply different historical and forward-looking scenarios to the current portfolio. For additional information on the forward-looking scenarios, please refer to the appendix. The below data is for the **Conservative Model Portfolio**

Historical scenarios



Forward-looking scenarios

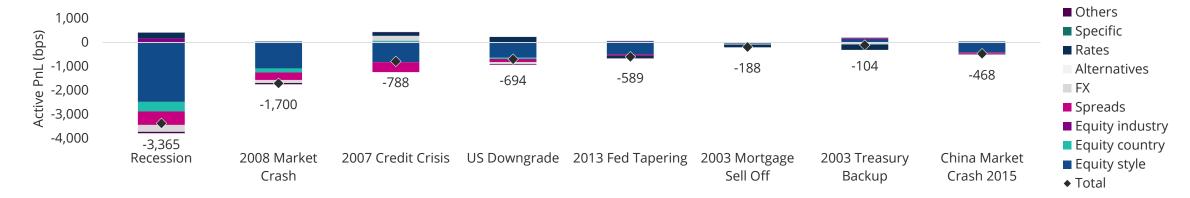




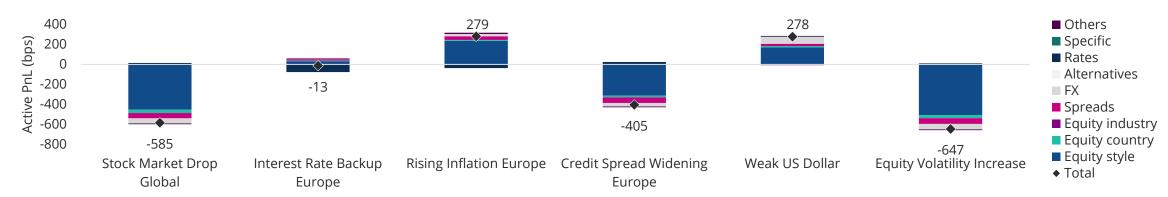
Risk Review | Scenario analysis

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Historical scenarios



Forward-looking scenarios





Risk Review | Scenario analysis

The charts below apply different historical and forward-looking scenarios to the current portfolio. For additional information on the forward-looking scenarios, please refer to the appendix. The below data is for the **Aggressive Model Portfolio**

Historical scenarios

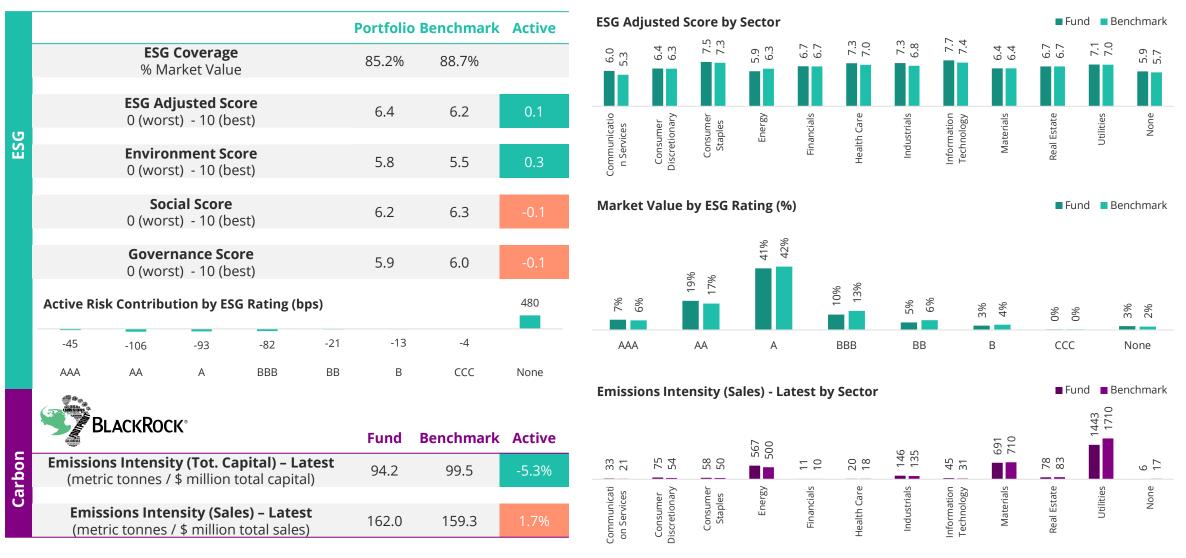


Forward-looking scenarios





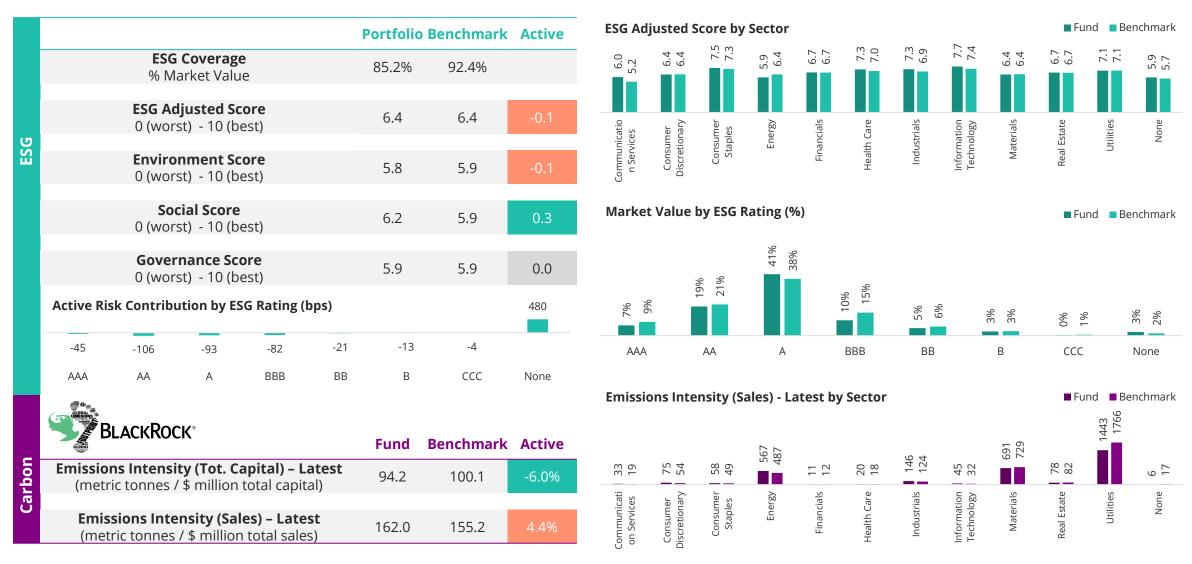
Carbon and ESG Reporting | Conservative Model Portfolio



Source: Based on portfolio holdings data at 30 April 2023 For information only, subject to change. For explanations about the methodology, refer to 'Methodologies and assumptions'. The ratings, metrics, methodologies and scores may differ from those of other providers. Certain information ©2023 MSCI ESG Research LLC. Reproduced by permission; no further distribution.



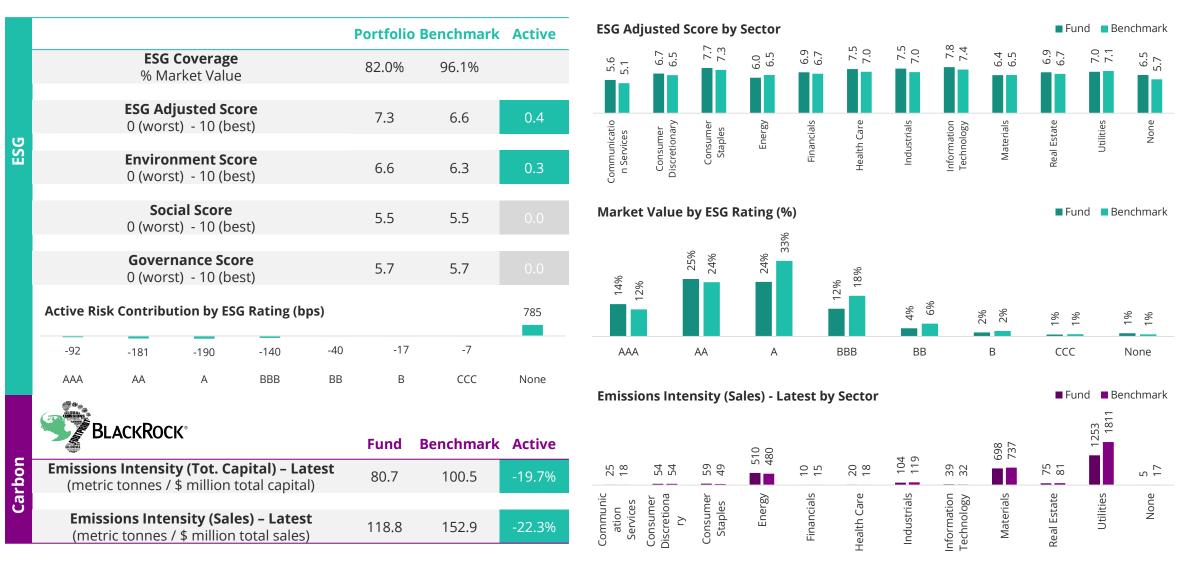
Carbon and ESG Reporting | Moderate Model Portfolio



Source: Based on portfolio holdings data at 30 April 2023 For information only, subject to change. For explanations about the methodology, refer to 'Methodologies and assumptions'. The ratings, metrics, methodologies and scores may differ from those of other providers. Certain information ©2023 MSCI ESG Research LLC. Reproduced by permission; no further distribution.



Carbon and ESG Reporting | Aggressive Model Portfolio



Source: Based on portfolio holdings data at 30 April 2023 For information only, subject to change. For explanations about the methodology, refer to 'Methodologies and assumptions'. The ratings, metrics, methodologies and scores may differ from those of other providers. Certain information ©2023 MSCI ESG Research LLC. Reproduced by permission; no further distribution.

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Supporting Material



Portfolio Commentary

Conservative

The Portfolio returned 0.69% over the month underperforming the reference benchmark by 0.06%. Longer term, Since Inception returns sits at 0.06% p.a.

April was a positive months for most risk assets with the positive correlation between equity and bonds persisting. Japan continued to be one of the strong performed in 2023. UK equities also had a better month in April. Fixed Income assets were close to flat over the month but exhibited high intramonth volatility. UK government bonds were the biggest detractor as the benchmark rates rose by 23bps over the month. Credit spreads tightened marginally over the month with the exception of European high yield assets.

In line with the benchmarks the portfolios generated positive return over the month however, active performance was negative over the month. Manager Selection was the biggest detractor, as the European equity manager gave back the alpha generated in the year so far. On the asset allocation side the overweight to emerging market detracted however active positions on the fixed income assets added to active return. Overall, asset allocation added marginal alpha to offset the losses from manager selection.

At the end of April we made small changes to asset allocation.

We increased our allocation to Inflation linked bonds while reducing the exposure to High yield credit. Overall we increased the allocation to Fixed Income.

On the Equity side we reduced our allocation to UK equity bringing it back to neutral.

The portfolio risk stands at 6.94% while active risk is around 1.16%.

Moderate

The Portfolio returned 0.75% over the month underperforming the reference benchmark by 0.23%. Longer term, Since Inception returns sits at 1.92% p.a.

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The portfolio risk stands at 10.3% while active risk is around 1.15%.

Aggressive

The Portfolio returned 0.86% over the month underperforming the reference benchmark by 0.35%. Longer term, Since Inception returns sits at 3.62% p.a.

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The portfolio risk stands at 13.9% while active risk is around 1.18%.

Limited Distribution



ESG Methodology and Assumptions

	Metric	Methodology	Interpretation
	ESG Score (Adjusted)	Best scoring company within a peer group is be given a score of 10, the worst scoring one will be given a score of 0 and a normal distribution will be applied for the ones in between.	Indicates how well an issuer manages its most material ESG risks relative to sector peers (0 worst, 10 best). Makes company scores across different industries comparable.
ESG	Environment Score	Weighted average of key issue scores falling under the Environmental Pillar.	Indicates how well an issuer manages environmental risks such as greenhouse gas emissions, deforestation etc. relative to sector peers. (0 worst, 10 best).
	Social Score	Weighted average of key issue scores falling under the Social Pillar.	Indicates how well an issuer deals with social issues such as working conditions, employee relations & diversity etc. relative to sector peers. (0 worst, 10 best).
	Governance Score	Weighted average of key issue scores falling under the Governance Pillar.	Indicates how well an issuer deals with governance matters such as executive pay, tax strategy etc. relative to sector peers. (0 worst, 10 best).
Carbon	Emissions Financed (metric tonnes / \$ million total capital)	$\sum (\frac{Scope\ 1\ \&\ 2\ GHG\ Emissions}{Total\ Capital})$	Emissions normalized by total capital (total debt + total equity). With every million dollar invested x metric tons of emissions are financed.
Cal	Emissions Intensity (metric tonnes / \$ million sales)	$\sum (\frac{Scope\ 1\ \&\ 2\ GHG\ Emissions}{Total\ Sales})$	Emissions normalized by total sale. With every million dollar revenue x metric tons of emissions are financed.

ESG data for funds and individual securities has been sourced from MSCI. Aggregation at the sleeve/ total portfolio level has been done using BlackRock approved methodology.

Additional Information can be found in the Glossary slides



Historical Scenario Test Analysis | Scenario Descriptions

Scenario	Scenario Description
Recession	Represents the largest market drawdown of the financial crisis of the period. December 2007 to March 2009.
Crash 2008	Performance during the year 2008.
Crash 2007	Performance during the year 2007.
US Downgrade	Period starts with 50% chance of US downgrade indication from S&P Standards and ends with Operational Twist announcement by Fed.
2013 Fed Tapering	Tapering Talks stirred the market since Congress Testimony by Bernanke with both equity and bond markets sold off.
2003 Mortgage Sell Off	Mortgage sell off of 2003.
2003 Treasury Backup	Backup of treasuries in 2003.
China Market Crash	Chinese stock market crash beginning with the popping of the stock market bubble on 12 June 2015.



Scenario Test Analysis | Scenario Descriptions

Scenario	Scenario Description
Stock Market Drop Global	Global Stock markets are shocked with a one percentile drawdown.
Interest Rate Backup Europe	European Rates are shocked with a one percentile increase.
Rising Inflation Europe	European Inflation is shocked with a one percentile increase.
Credit Spread Widening Europe	Credit Spreads for European Corporate bonds are shocked with a one percentile Credit Spread Widening.
Weak US Dollar	US Dollar is shocked with one a percentile drop.
Equity Volatility Increase	Equity Volatility is shocked with one a percentile increase.



Glossary of Terms | Risk Exposures

Term	Description			
Equities	Measures the contribution to risk from holding equities in the portfolio.			
FX	Measures the contribution to risk from unhedged non GBP currency exposure			
Specific	Idiosyncratic risk; that is, risk due to the unique circumstances of a particular security and not the market as a whole.			
Alternatives	Measures the contribution to risk from holding alternative asset classes such as property, hedge funds or illiquid assets.			
Interest Rates	The Scheme's liabilities and fixed income assets are exposed to interest rate risk which means that the values of these assets will change when there is a change to the level of interest rates. This illustrates the contribution to risk from the Scheme's liabilities which aren't offset by fixed income (matching) assets.			
Spreads	Measures the contribution to risk from holding corporate bonds and swaps in the portfolio.			
US Interest Rates	Measures contribution to risk from exposure to US interest rates.			
Inflation	The Scheme's liabilities and fixed income assets are exposed to inflation risk which means that the values of these assets will change when there is a change to inflation expectations. This illustrates the contribution to risk from the Scheme's liabilities which aren't offs by inflation linked (matching) assets.			
Others	Measures risks that are not attributed to any of the factors listed above. It includes but is not limited to risks attributed to convexity, and cash & cash equivalents.			



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