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Cogence Global Growth Portfolios Monthly Strategy Report

BlackRock Multi-Asset Strategies & Solutions | April 2024



Executive Summary

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

			01 Cautious			02 Balanced			03 Growth	
		Portfolio	Benchmark ²	Active	Portfolio	Benchmark ³	Active	Portfolio	Benchmark ⁴	Active
	Month	-2.12%	-2.03%	-0.09%	-2.53%	-2.45%	-0.08%	-2.95%	-2.88%	-0.07%
Performance	3 Months	0.75%	-0.05%	0.79%	2.34%	1.31%	1.03%	3.97%	2.66%	1.30%
Periormance	Year-to-date	1.02%	-0.05%	1.06%	2.90%	1.51%	1.40%	4.86%	3.07%	1.79%
	Since inception ⁵	2.01%	-	-	4.58%	-	-	7.06%	-	-
Risk	Ex-ante Risk¹	7.58%	6.50%	1.39%	11.00%	9.83%	1.45%	14.82%	13.51%	1.66%
ESG	ESG Adjusted Score	6.32	6.28	0.03	6.66	6.45	0.20	7.11	6.61	0.50
	Carbon Emission Intensity	134.76	134.44	0.24%	107.24	128.24	-16.37%	81.36	124.68	-34.75%

Monthly Market Commentary

April was a tough month for financial markets, with persistent inflation and resilient economic data in the U.S. leading investors to lower their expectations for Federal Reserve interest rate cuts. This shift caused equities and fixed income to decline by -1.74% and -0.94% respectively in the balanced profile, while commodities provided positive returns. Developed market equities, except for the UK, had a negative month. The S&P 500 fell, while European equities, though also down, outperformed the U.S. due to a better inflation outlook and improved economic growth. UK Equities delivered positive returns thanks to its energy and commodity exposure. Emerging Markets fared better, driven by the outperformance of Chinese equities.

Fixed income markets were broadly negative, with European high-yield bonds being an exception, ending flat. The Federal Reserve's expected rate cuts were pushed further out, causing U.S. Treasury yields to rise, leading to negative returns in global bonds. European bond yields rose to a lesser degree due to greater confidence in the European Central Bank's ability to deliver on rate cuts. Commodities performed well over the period due to strong performance from precious metals such as gold because of continuing tensions in the Middle East.

The portfolios generated negative returns over the month. All profiles underperformed their respective benchmarks, cautious by -0.09%, balanced by-0.08% and growth by -0.07%. However, YTD, active performance remains strong with cautious profile outperforming by 1.06%, balanced by 1.40% and growth by 1.79%.

Both Manager Selection and Asset Allocation contributions were negative. The US equity managers, GQG and BlackRock were the largest detractors over the month. However, Emerging Markets (Schroders) were additive to the portfolios. Fixed Income managers for EMD HC (Payden) and Global Credit (PGIM) also saw negative returns. On Asset allocation front, our overweight to US equities detracted from active returns, mainly driven by the notable decline of the Technology sector in April. Similarly, our overweight to Corporate bonds detracted to added performance. On the positive side, our underweight to Treasuries added to active performance.

In April, we tactically tilted the portfolios to increase equity exposure and reduce fixed income exposure. Within equity we trimmed Europe equities and added to Small cap, Emerging Markets and US. Within fixed income, we added to EM debt funded from Global High Yield. Also, we reduced our government bond exposure and added to Europe corporate bonds.

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



Asset Allocation Review

Description		ISIN	Cautious	Balanced	Growth
Fixed Income			69.50%	44.50%	19.50%
Global Agg Bonds	iShares Core Global Aggregate Bond UCITS ETF	IE00BZ043R46	14.00%	6.50%	0.00%
Global Government Bonds	iShares Global Government Bond UCITS ETF	IE00BK7Y2P34	11.00%	6.00%	0.00%
Euro Government Bonds iShares Euro Government Bond Flex UCITS ETF (EUR Hedged)		IE0007IZFCL5	7.20%	4.80%	2.40%
US Short Treasuries	iShares \$ Treasury Bond 1-3yr ETF	IE00B3VWN179	2.70%	1.30%	0.60%
JS Short Treasuries	iShares USD Treasury Bond 3-7yr UCITS ETF USD	IE00B3VWN393	4.00%	2.80%	0.50%
JS Short Treasuries	iShares USD Treasury Bond 7-10yr UCITS ETF USD	IE00B3VWN518	2.10%	1.60%	1.00%
JS Treasuries	iShares USD Treasury Bond 20+ yr UCITS ETF USD	IE00BFM6TC58	0.50%	0.00%	0.00%
Global Credit	PGIM Global Investment Grade	IE00BFLQZJ56	15.00%	10.00%	5.00%
Euro Credit	iShares Core Euro Corp Bond UCITS (USD Hedged)	IE00093GOJ04	2.00%	2.00%	2.00%
Global High Yield	Wellington Global High YieldBond Fund	IE00BL5GZN70	1.50%	1.50%	1.50%
EMD HC	Payden Emerging Market Debt HC Fund	IE00BHX5Q577	4.00%	4.00%	4.00%
MD LC	Neuberger Berman Emerging Market Debt Local Currency Fund	IE00BMY4BK85	1.00%	1.00%	1.00%
China Bonds	iShares China CNY Bond UCITS ETF (USD Hedged)	IE00BKT6RT64	4.50%	3.00%	1.50%
Equities			28.50%	53.50%	78.50%
JS Equities	iShares MSCI USA ESG Enhanced UCITS ETF	IE00BHZPJ908	2.00%	12.00%	20.40%
JS Equities	BlackRock Advantage US Equity Fund	IE00BFZP7V49	9.00%	12.20%	16.30%
JS Equities	GQG US Equity Fund	IE00BN4GYG85	6.30%	8.40%	10.90%
JK Equities	iShares FTSE 100 ETF, USD Un-hedged	IE0005042456	0.90%	1.70%	2.60%
European Equities	BGF Continental European Flexible Fund, USD Unhedged	LU2315844121	2.00%	5.30%	8.60%
apan Equities	iShares MSCI Japan ESG Enhanced UCITS ETF (Unhedged)	IE00BHZPJ452	1.70%	3.30%	4.90%
merging Equities	iShares MSCI EM ESG Enhanced UCITS ETF	IE00BHZPJ239	1.00%	1.00%	1.00%
Emerging Equities	Schroders ISF Emerging Markets Fund	LU2049715449	2.80%	5.60%	8.50%
Norld Value	iShares Edge MSCI World Value ETF	IE00BP3QZB59	1.30%	2.50%	3.80%
World Small Cap	iShares MSCI World Small Cap ETF	IE00BF4RFH31	1.50%	1.50%	1.50%
Cash			2.00%	2.00%	2.00%
JSD Cash	BlackRock ICS US Dollar Liquid Environmentally Aware Fund	IE00BH3Z9035	2.00%	2.00%	2.00%
Alternatives			0.00%	0.00%	0.00%
Gold	iShares Physical Gold ETF	IE00B4ND3602	0.00%	0.00%	0.00%
			100.00%	100.00%	100.00%

Source: BlackRock, 30 April 2024. 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.



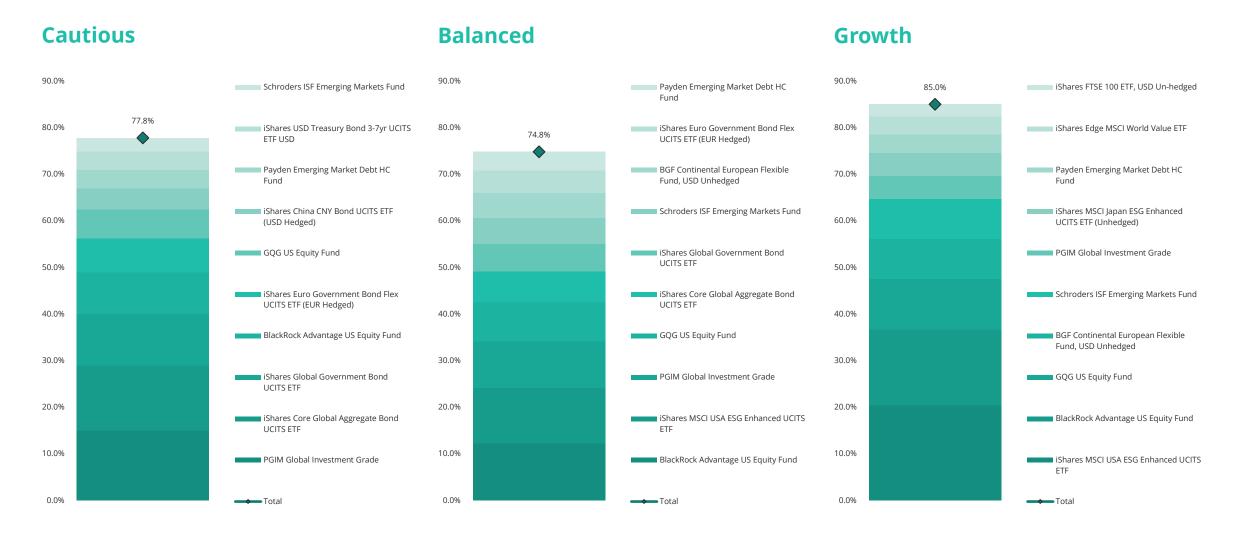
Asset Allocation Review

Description		ISIN	Cautious	Balanced	Growth
Fixed Income			-1.50%	-1.50%	-1.50%
Global Agg Bonds	iShares Core Global Aggregate Bond UCITS ETF	IE00BZ043R46	0.00%	0.00%	0.00%
Global Government Bonds	iShares Global Government Bond UCITS ETF	IE00BK7Y2P34	-1.50%	-1.50%	-1.10%
Euro Government Bonds	iShares Euro Government Bond Flex UCITS ETF (EUR Hedged)	IE0007IZFCL5	0.00%	0.00%	0.00%
US Short Treasuries	iShares \$ Treasury Bond 1-3yr ETF	IE00B3VWN179	0.00%	0.00%	0.00%
US Short Treasuries	iShares USD Treasury Bond 3-7yr UCITS ETF USD	IE00B3VWN393	0.00%	0.00%	-0.40%
US Short Treasuries	iShares USD Treasury Bond 7-10yr UCITS ETF USD	IE00B3VWN518	0.00%	0.00%	0.00%
US Treasuries	iShares USD Treasury Bond 20+ yr UCITS ETF USD	IE00BFM6TC58	0.00%	0.00%	0.00%
Global Credit	PGIM Global Investment Grade	IE00BFLQZJ56	0.00%	0.00%	0.00%
Euro Credit	iShares Core Euro Corp Bond UCITS (USD Hedged)	IE00093GOJ04	0.00%	0.00%	0.00%
Global High Yield	Wellington Global High YieldBond Fund	IE00BL5GZN70	-3.00%	-3.00%	-3.00%
EMD HC	Payden Emerging Market Debt HC Fund	IE00BHX5Q577	3.00%	3.00%	3.00%
EMD LC	Neuberger Berman Emerging Market Debt Local Currency Fund	IE00BMY4BK85	0.00%	0.00%	0.00%
China Bonds	iShares China CNY Bond UCITS ETF (USD Hedged)	IE00BKT6RT64	0.00%	0.00%	0.00%
Equities			0.00%	0.00%	0.00%
US Equities	iShares MSCI USA ESG Enhanced UCITS ETF	IE00BHZPJ908	0.00%	0.00%	0.00%
US Equities	BlackRock Advantage US Equity Fund	IE00BFZP7V49	0.00%	0.00%	0.00%
US Equities	GQG US Equity Fund	IE00BN4GYG85	0.00%	0.00%	0.00%
UK Equities	iShares FTSE 100 ETF, USD Un-hedged	IE0005042456	0.00%	0.00%	0.00%
European Equities	BGF Continental European Flexible Fund, USD Unhedged	LU2315844121	0.00%	0.00%	0.00%
Japan Equities	iShares MSCI Japan ESG Enhanced UCITS ETF (Unhedged)	IE00BHZPJ452	0.00%	0.00%	0.00%
Emerging Equities	iShares MSCI EM ESG Enhanced UCITS ETF	IE00BHZPJ239	0.00%	0.00%	0.00%
Emerging Equities	Schroders ISF Emerging Markets Fund	LU2049715449	0.00%	0.00%	0.00%
World Value	iShares Edge MSCI World Value ETF	IE00BP3QZB59	0.00%	0.00%	0.00%
World Small Cap	iShares MSCI World Small Cap ETF	IE00BF4RFH31	0.00%	0.00%	0.00%
Cash			1.50%	1.50%	1.50%
USD Cash	BlackRock ICS US Dollar Liquid Environmentally Aware Fund	IE00BH3Z9035	1.50%	1.50%	1.50%
Alternatives			0.00%	0.00%	0.00%
Gold	iShares Physical Gold ETF	IE00B4ND3602	0.00%	0.00%	0.00%

Source: BlackRock, 30 April 2024. 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.

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Asset Allocation | Top 10 Holdings



Source: BlackRock, 30 April 2024. 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

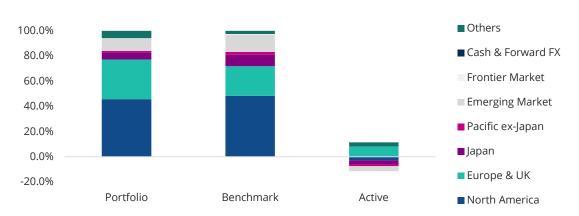
The graphs on this page provide a look-through perspective on active allocations in the Cautious Model Portfolio.

Equities: Sector allocation

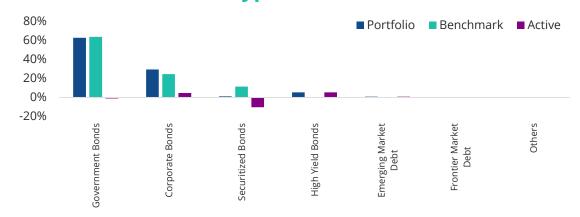


The allocations are scaled to the portfolio's total equity/fixed income allocation. Figures are based on unaudited values.

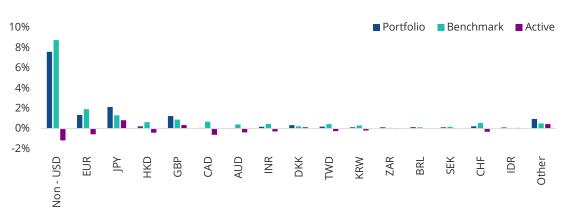
Total Portfolio: Country allocation



Fixed Income: Issuer Type



Total Portfolio: Currency allocation



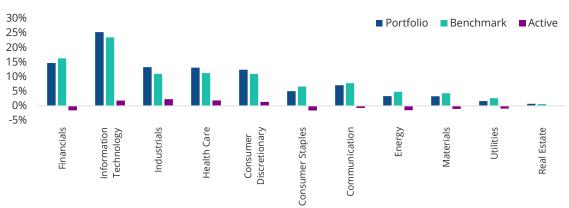
BlackRock, Data as of 30 April 2024. Figures are based on unaudited values. Benchmark is composed of 25% MSCI All Country World Index (Net Total Return) and 75% BBG Global Aggregate Index (USD Hedged).



Asset Allocation Review | Look-Through Analysis

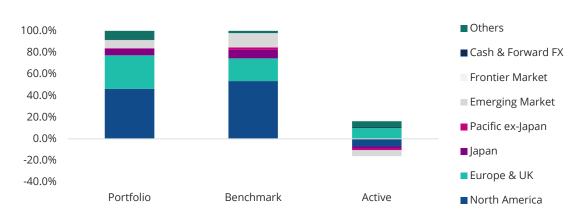
The graphs on this page provide a look-through perspective on active allocations in the **Balanced Model Portfolio**.

Equities: Sector allocation

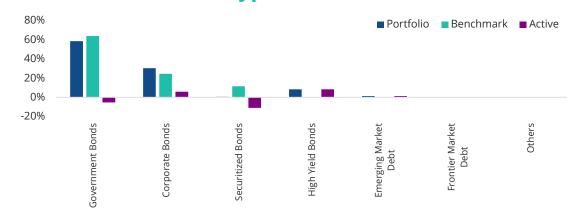


The allocations are scaled to the portfolio's total equity/fixed income allocation. Figures are based on unaudited values.

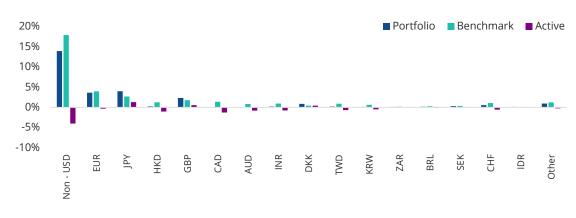
Total Portfolio: Country allocation



Fixed Income: Issuer Type



Total Portfolio: Currency allocation



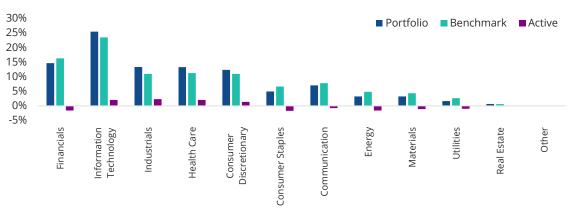
BlackRock Data as of 30 April 2024. Figures are based on unaudited values. Benchmark is composed of 50% MSCI All Country World Index (Net Total Return) and 50% BBG Global Aggregate Index (USD Hedged).



Asset Allocation Review | Look-Through Analysis

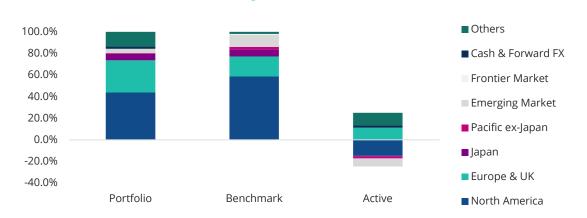
The graphs on this page provide a look-through perspective on active allocations in the **Growth Model Portfolio**.

Equities: Sector allocation

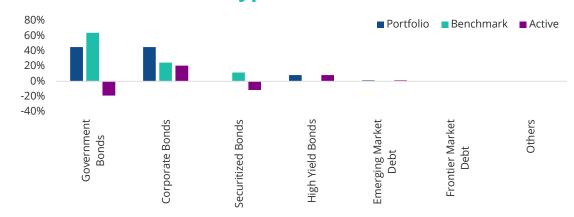


The allocations are scaled to the portfolio's total equity/fixed income allocation. Figures are based on unaudited values.

Total Portfolio: Country allocation



Fixed Income: Issuer Type



Total Portfolio: Currency allocation



BlackRock, Data as of 30 April 2024. 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.

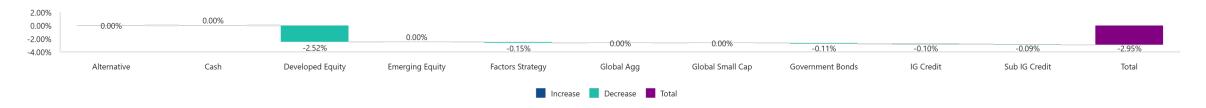
Cautious



Balanced



Growth



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.

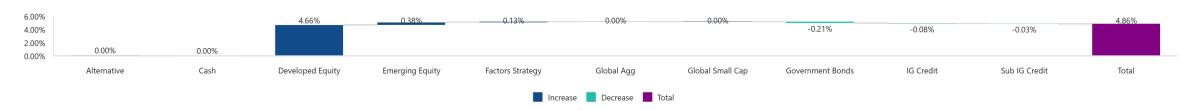
Cautious



Balanced



Growth



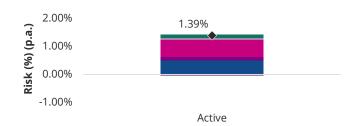
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Risk Review | Absolute & Relative

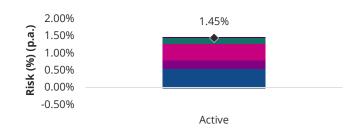
Cautious





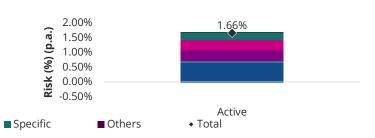
Balanced





Growth







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 **Cautious Model Portfolio**

Historical scenarios



Forward-looking scenarios

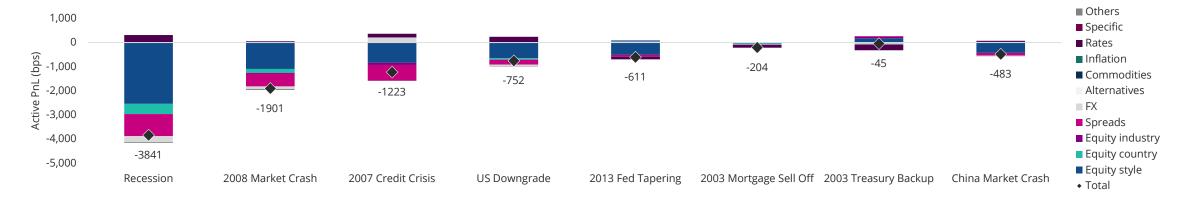




Risk Review | Scenario analysis

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 **Balanced Model Portfolio**

Historical scenarios



Forward-looking scenarios

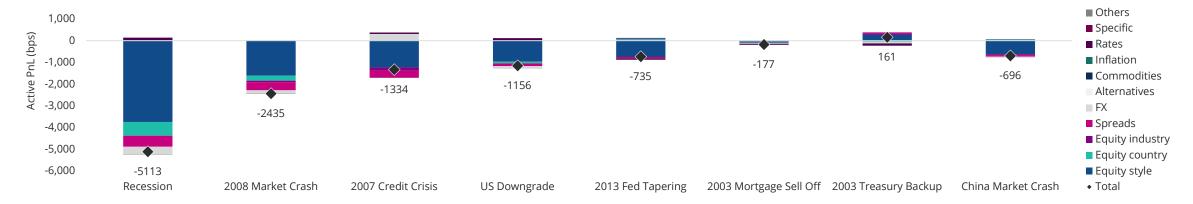




Risk Review | Scenario analysis

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 **Growth Model Portfolio**

Historical scenarios



Forward-looking scenarios





Carbon and ESG Reporting | Cautious Model Portfolio

		Portfolio	Benchmark	Active	ESG Ad	justed S	Score by	Sector						■ Fui	nd Bei	nchmark
	ESG Coverage % Market Value	85.96%	89.29%		5.5	6.2	7.3	6.4	6.7	7.2	7.3	7.8	6.8	6.6	7.1	5.8
	ESG Adjusted Score 0 (worst) - 10 (best)	6.32	6.28	0.03	cation	umer ionary	Consumer Staples	Energy	Financials	Health Care	Industrials	Information Technology	Materials	Real Estate	Utilities	None
ESG	Environment Score 0 (worst) - 10 (best)	6.18	6.15	0.02	Communication Services	Consumer Discretionary	Con Sta	_	Fina	Healt	Indu	Inforr Techr	M	Real	J	
	Social Score 0 (worst) - 10 (best)	6.18	6.20	-0.03	Market	t Value	by ESG R							■ Fu	nd ■Be	enchmark
	Governance Score 0 (worst) - 10 (best)	6.22	6.23	-0.01			19% 18%	40%		% %						
	Active Risk Contribution by ESG Rating (bps)			585	% % 9				Ш	12%	%9		3% 4%	%0	8	3%
	-67 -131 -118 -89 -26 AAA AA A BBB BB	-19 B	-1 CCC	None	AAA Emissi		AA ensity (Sa	A ales) - La	atest by	BBB / Sector	BB		В	CCC ■ Fu		None enchmark
	BLACKROCK®	Fund	Benchmark	Active	25 20	44 44	51 45	403 394	9	18 16	108	26 28	633 627	94 81	1284	9 16
Carbon	Emissions Intensity (Tot. Capital) – Latest (metric tonnes / \$ million total capital)	88.41	96.48	-8.36%		Consumer	Consumer Staples	Energy	Financials	Health Care	Industrials	Information Technology Technology	Materials	Real Estate	Utilities	None
Ü	Emissions Intensity (Sales) – Latest (metric tonnes / \$ million total sales)	134.76	134.44	0.24%	Communication Services	Con! Discre	CO		ΪΞ	Heal	lnd	Infor Tech	Σ	Rea		

Source: Based on portfolio holdings data at 30 April 2024 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 ©2024 MSCI ESG Research LLC. Reproduced by permission; no further distribution.



Carbon and ESG Reporting | Balanced Model Portfolio

		Portfolio	Benchmark	Active	ESG Ad	justed S	Score by					0.10		■ Fur		enchmark
	ESG Coverage % Market Value	82.20%	92.84%		5.3	6.0	7.5	6.6	6.8	7.5	7.6	7.9	7.0	7.0	7.2	5.8
_U	ESG Adjusted Score 0 (worst) - 10 (best)	6.66	6.45	0.20	Communication Services	Consumer Discretionary	Consumer Staples	Energy	Financials	Health Care	Industrials	Information Technology	Materials	Real Estate	Utilities	None
ESG	Environment Score 0 (worst) - 10 (best)	6.37	6.33	0.04	Commu Serv	Con Discr	0 0		Ϊ́	Неа	lnc	Info Tec	2	Reg		
	Social Score 0 (worst) - 10 (best)	5.88	5.81	0.07	Market	: Value	by ESG R	Rating (%	-					■ Fur	ıd ∎Be	enchmark
	Governance Score 0 (worst) - 10 (best)	6.09	6.02	0.07			23%	31%		2% 15%						
	Active Risk Contribution by ESG Rating (bps)			884	10%	2			,	12%	4%		3%	%0		2%
	-125 -212 -124 -139 -42 BB BB	-30 B	-2 CCC		AAA		AA	A		BBB	ВВ		В	CCC		None
	-125 -212 -194 -139 -42 AAA BBB BB	В	CCC	None	Emissio	ons Inte	ensity (S	ales) - La	itest by	Sector				■ Fur	1151 1595	enchmark
	BLACKROCK®	Fund	Benchmark	Active	20	37	51	363	9	17	87	24 28	682	106 82		9
Carbon	Emissions Intensity (Tot. Capital) – Latest (metric tonnes / \$ million total capital)	75.67	96.49	-21.57%	Communication Services	Consumer Discretionary	Consumer Staples	Energy	Financials	Health Care	Industrials	Information Technology	Materials	Real Estate	Utilities	None
Ü	Emissions Intensity (Sales) – Latest (metric tonnes / \$ million total sales)	107.24	128.24	-16.37%	Comn	C. Dis	_			工	_	드는		т		

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Carbon and ESG Reporting | Growth Model Portfolio

						Portfolio	Benchmark	Active	ESG Ad	justed	Score by			_	m	0 10		■Fu		enchmark
			Coverage arket Valu			74.94%	96.39%		5.2	6.5	7.7	7.1	6.9	7.7	7.8	7.9	7.2	7.4	7.5	5.7
(2)			justed Sc st) - 10 (b			7.11	6.61	0.50	ication	Consumer	Consumer Staples	Energy	Financials	Health Care	Industrials	Information Technology	Materials	Real Estate	Utilities	None
ESG		_	nment Sc st) - 10 (b			6.63	6.49	0.14	Communication Services	Cons	Cor		Ë	Heall	Indi	Infor Tech	Š	Real	٥	
			ial Score st) - 10 (b			5.53	5.45	0.08	Market	t Value	by ESG F							■ Fu	nd ■Be	nchmark
			nance Sco st) - 10 (b			5.95	5.83	0.12	% ,		27%	19%		%21						
		Activ	ve Risk Co	ntribution l	by ESG R	ating (bp	s)	1188	13%	-				11%	3%	060	2%	%0	8	% %
	-182	-288	-269	-187	-58	-41	-3		AAA		AA	А		BBB	ВВ		В	CCC		None
	AAA	AA	Α	BBB	BB	В	CCC	None	Emissio	ons Inte	ensity (S	ales) - La	atest by	Sector				■Fu	nd ■ Be	enchmark
	BL	.ackRoc	:K°			Fund	Benchmark	Active	15	28 43	51 45	302	8 41	16	70	23	202	117	937	5
Carbon				apital) – La total capita		65.01	96.50	-32.63%	Communication Services	Consumer Discretionary	Consumer Staples	Energy	Financials	Health Care	Industrials	Information Technology	Materials	Real Estate	Utilities	None
				l es) – Lates n total sales		81.36	124.68	-34.75%	Commu	Cor Discr	ŭ ·		Ľ.	He	드	Infc Tec	2	Re		

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Supporting Material



Portfolio Commentary

Cautious

The Cautious portfolio returned -2.12% over the month underperforming its benchmark by -0.09%. On a rolling 3 month basis the portfolio has outperformed its benchmark by 0.79%. Longer term, Since Inception returns sits at 2.01% p.a April was a tough month with persistent inflation and resilient economic data in the U.S. leading investors to lower their expectations for Federal Reserve interest rate cuts. This shift caused equities and fixed income to decline by -0.89% and -1.11% respectively. Developed market equities, except for the UK, had a negative month. The S&P 500 fell, while European equities, though also down, outperformed the U.S. due to a better inflation outlook and improved economic growth. UK Equities delivered positive returns thanks to its energy and commodity exposure. Emerging Markets fared better, driven by the outperformance of Chinese equities. Fixed income markets were broadly negative, with European high-yield bonds being an exception, ending flat. The Federal Reserve's expected rate cuts were pushed further out, causing U.S. Treasury yields to rise, leading to negative returns in global bonds. European bond yields rose to a lesser degree due to greater confidence in the European Central Bank's ability to deliver on rate cuts. Gold performed well over the period due to strong performance because of continuing tensions in the Middle East. Both Manager Selection and Asset Allocation contributions were negative. The US equity managers, GQG and BlackRock were the largest detractors over the month. However, Emerging Markets (Schroders) were additive to the portfolios. Fixed Income managers for EMD HC (Payden) and Global Credit (PGIM) also saw negative returns. On Asset allocation front, our overweight to US equities detracted from active returns,. Similarly, our overweight to Treasuries added to active performance. In April, we tactically tilted the portfolios to increase equity exposure and reduce fixed income exposure and added to Europe corporate bonds. The portfolio risk stands at 7.58% wh

Balanced

The Balanced portfolio returned -2.53% over the month underperforming its benchmark by -0.08%. On a rolling 3 month basis the portfolio has outperformed its benchmark by 1.03%. Longer term, Since Inception returns sits at 4.58% p.a April was a tough month with persistent inflation and resilient economic data in the U.S. leading investors to lower their expectations for Federal Reserve interest rate cuts. This shift caused equities and fixed income to decline by -1.66% and -0.70% respectively. Developed market equities, except for the UK, had a negative month. The S&P 500 fell, while European equities, though also down, outperformed the U.S. due to a better inflation outlook and improved economic growth. UK Equities delivered positive returns thanks to its energy and commodity exposure. Emerging Markets fared better, driven by the outperformance of Chinese equities. Fixed income markets were broadly negative, with European high-yield bonds being an exception, ending flat. The Federal Reserve's expected rate cuts were pushed further out, causing U.S. Treasury yields to rise, leading to negative returns in global bonds. European bond yields rose to a lesser degree due to greater confidence in the European Central Bank's ability to deliver on rate cuts. Gold performed well over the period due to strong performance because of continuing tensions in the Middle East. Both Manager Selection and Asset Allocation contributions were negative. The US equity managers, GQG and BlackRock were the largest detractors over the month. However, Emerging Markets (Schroders) were additive to the portfolios. Fixed Income managers for EMD HC (Payden) and Global Credit (PGIM) also saw negative returns. On Asset allocation front, our overweight to US equities detracted from active returns,. Similarly, our overweight to Corporate bonds detracted to added performance. On the positive side, our underweight to Treasuries added to active performance. In April, we tactically tilted the portfolios to increase equity exposure and added to Europ

Growth

The Growth portfolio returned -2.95% over the month underperforming its benchmark by -0.07%. On a rolling 3 month basis the portfolio has outperformed its benchmark by 1.30%. Longer term, Since Inception returns sits at 7.06% p.a April was a tough month with persistent inflation and resilient economic data in the U.S. leading investors to lower their expectations for Federal Reserve interest rate cuts. This shift caused equities and fixed income to decline by -2.44% and -0.30% respectively. Developed market equities, except for the UK, had a negative month. The S&P 500 fell, while European equities, though also down, outperformed the U.S. due to a better inflation outlook and improved economic growth. UK Equities delivered positive returns thanks to its energy and commodity exposure. Emerging Markets fared better, driven by the outperformance of Chinese equities. Fixed income markets were broadly negative, with European high-yield bonds being an exception, ending flat. The Federal Reserve's expected rate cuts were pushed further out, causing U.S. Treasury yields to rise, leading to negative returns in global bonds. European bond yields rose to a lesser degree due to greater confidence in the European Central Bank's ability to deliver on rate cuts. Gold performed well over the period due to strong performance because of continuing tensions in the Middle East. Both Manager Selection and Asset Allocation contributions were negative. The US equity managers, GQG and BlackRock were the largest detractors over the month. However, Emerging Markets (Schroders) were additive to the portfolios. Fixed Income managers for EMD HC (Payden) and Global Credit (PGIM) also saw negative returns. On Asset allocation front, our overweight to US equities detracted from active returns,. Similarly, our overweight to Treasuries added to added performance. On the positive side, our underweight to Treasuries added to active performance. In April, we tactically tilted the portfolios to increase equity exposure and added to Europe corporate



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.
ي	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).
ESG	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.
Ca	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.
2008 Market Crash	Performance during the year 2008.
2007 Credit Crisis	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 offset 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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