

# Discovery Global Portfolios

## Commentary from **BlackRock**

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### July 2022

The strategy offers three risk-profiled portfolios, the Discovery Global Growth Portfolio, Discovery Global Moderate Portfolio and Discovery Global Conservative Portfolio, and provides clients with a global all-in-one investment solution, comprised of a broad spectrum of asset classes across many geographies. The portfolios consist of an active-passive blend of index trackers and active investment managers that provide a diverse holding across asset classes and geographies – capturing opportunities across the globe. They are managed to achieve sustained, strong returns within a given risk appetite.

## Market review

- In July, most risk assets and bonds bounced back after a difficult year for markets. Economic data released over the month continued to indicate a slowing economy and the US economy shrank an annualised 0.9% on quarter in Q2 2022, following a 1.6% fall in the previous quarter technically pushing it into a recession. Surprisingly, the extent to which markets have priced this has changed materially and they responded positively to expectations of interest rate movements. However, ongoing concerns remain over the Ukraine-Russia war, soaring inflation and higher interest rates which contributed to overall market volatility. Developed market equities ended the month up 8.0% and US equities ended up 9.3%. Emerging markets (in USD terms) did not enjoy the strong performance of developed markets, ending the month down -0.2%, with China equity market weakness causing the principal drag. During the month, developed market bonds also performed strongly, as markets gained confidence about interest rate projections. US treasuries ended up 1.7% and UK gilts were up 2.8%. In currencies, the Euro depreciated by 2.5% relative to the USD, while the Sterling appreciated by 0.2% relative to the USD.
- The Fed increased the funds rate by 75bps, for the second consecutive meeting, to 2.25%-2.50% during its July meeting as annual inflation rate in the US continued to accelerate to 9.1%. The S&P Global US Composite PMI fell to 47.5 in July as the month witnessed a continued contraction in private sector output. Retail sales in the US rose 1.0% MoM in June, reflecting a rebound from the previous month. The annual inflation rate in the Euro Area increased to a new record high of 9.6% in July. ECB raised its 3 key interest rates by 50bps during its July 2022 meeting, ending eight years of negative rates, to release the inflationary pressures. The S&P Global Eurozone Manufacturing PMI fell to 49.8 in July, pointing to slower growth. The annual inflation



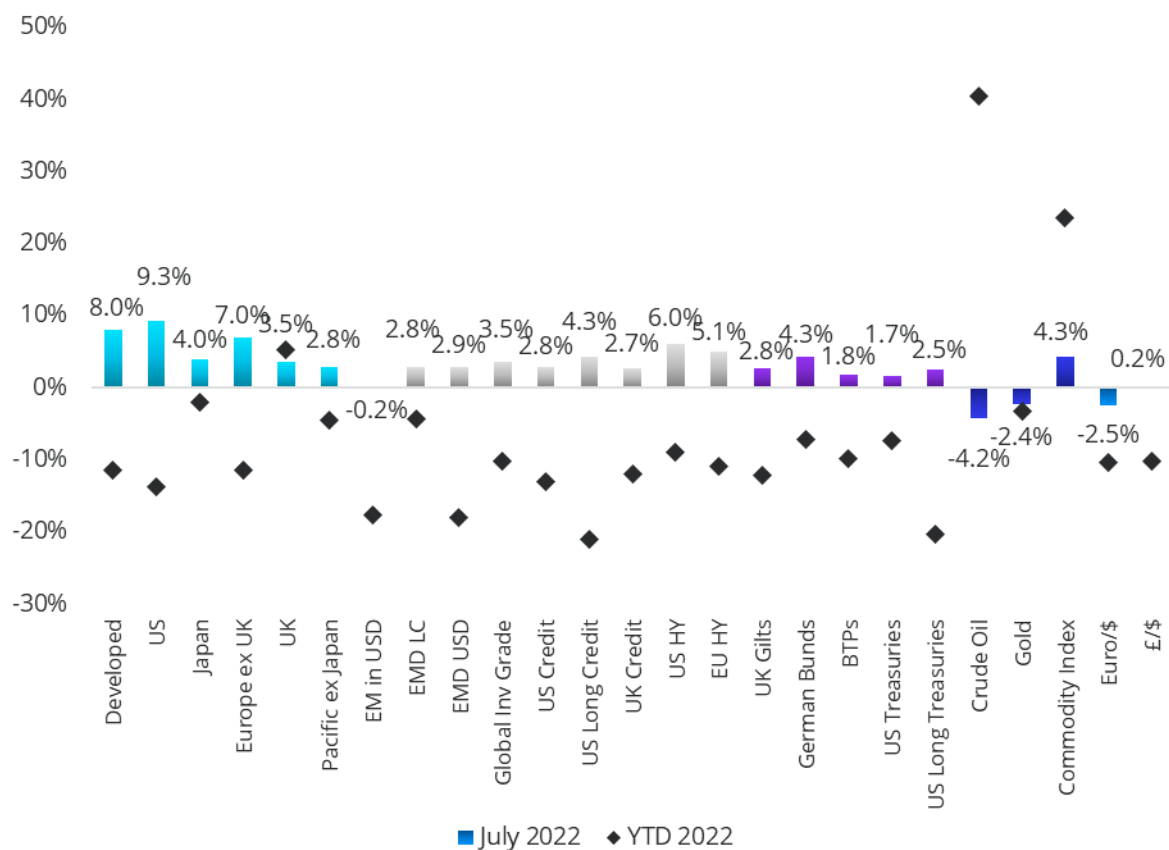
rate in the UK increased to 9.4%, while the S&P Global/CIPS UK Composite PMI fell to 52.1 in July, again signalling slower growth.

- Sovereign yields fell in July leading to positive returns. The 2 to 10-year curve extended its inversion. Short-term yields, which are more sensitive to interest rates, were seen rising with rate-hike expectations. Longer-dated government bond yields in comparison fell in July, amid concerns that policy tightening may hurt the economy. Benchmark 10-year yields were down by 33bps to 2.64% in the US, down by 38bps to 1.86% in the UK, down by 5bps to 0.18% in Japan, down by 54bps to 0.83% in Germany and down by 24bps to 3.15% in Italy. Brent crude was down 4.2% to \$110 per barrel. Supply-side issues continue to impact this market as OPEC+ has been struggling to pump more crude. Gold was down -2.4% to \$1764/ounce, in response to the major central banks continuing to hike interest rates.

*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 30 June 2022. All performance numbers in local currency unless otherwise stated.*



# 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 30 June 2022. All performance numbers in local currency unless otherwise stated.

## Discovery Global Conservative Portfolio

### Monthly commentary

- The Portfolio returned 3.56% over the month marginally underperforming the reference benchmark by 0.09%. Longer term, Since Inception returns sits at 0.31% p.a.
- Both equity and fixed income assets moved up during July. This came after a couple of challenging months. US equity outperformed its developed counterparts. Within fixed income both sovereign and credit assets ended the month in green. Despite a positive month, slowing growth and looming inflation coupled with a myriad other factors the economic data continues to be challenging.
- The small overweight to Equity contributed positively along with a preference for US small cap. However, manager selection detracted, primarily driven by the underperformance by GQG. Allocation to US equity (BLK



sustainable advantage fund) was the largest contributor to performance followed by PGIM Investment grade fund.

- In July we trimmed out position in European equity and re-introduced an underweight to government bonds. We bought Global IG credit as we think credit will offer better value than equities.
- The portfolio risk stands at 6.4% while active risk is around 1.1%.

## Asset Allocation

The tables and graphs that follow provide a look-through perspective on active allocations in the fund.

The below table reflects the exposure to each of the underlying assets at the latest reported date. This valuation will reflect market movements since the last portfolio rebalance/trade.

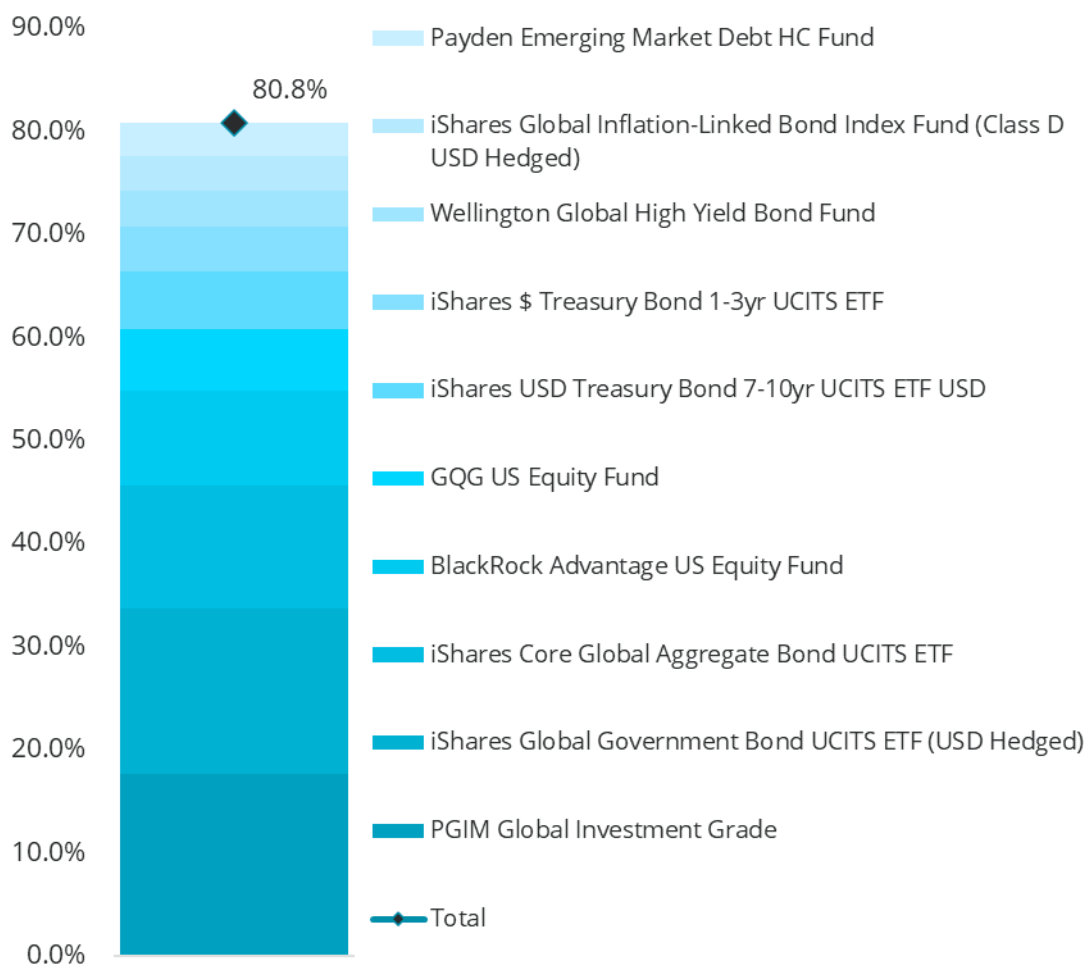
Asset Class	Market Value %		
	01/07/2022	01/08/2022	Change
<b>Equities</b>	<b>25.28%</b>	<b>24.68%</b>	<b>-0.60%</b>
IE00BFZP7V49 BlackRock Advantage US Equity Fund	9.13%	9.18%	0.05%
LU2049715449 Schroders ISF Emerging Markets Fund	3.06%	3.08%	0.02%
IE00BL5M8925 American Century Global Small Cap Equity Fund	1.02%	1.00%	-0.02%
IE00BHZPJ239 iShares MSCI EM ESG Enhanced UCITS ETF	0.70%	0.70%	0.00%
IE00BN4GYG85 GQG US Equity Fund	5.97%	6.00%	0.03%
IE0005042456 iShares FTSE 100 ETF, USD Un-hedged	1.23%	1.26%	0.03%
LU2315844121 BGF Continental European Flexible Fund, USD Unhedged	2.11%	1.41%	-0.70%
IE00BHZPJ452 iShares MSCI Japan ESG Enhanced UCITS ETF (Unhedged)	2.06%	2.05%	-0.01%
<b>Fixed Income</b>	<b>72.24%</b>	<b>72.82%</b>	<b>0.58%</b>
IE00BK7Y2P34 iShares Global Government Bond UCITS ETF (USD Hedged)	18.06%	16.02%	-2.05%
IE00BZ043R46 iShares Core Global Aggregate Bond UCITS ETF	12.04%	11.97%	-0.06%
IE00BFLQZJ56 PGIM Global Investment Grade	15.02%	17.67%	2.65%
IE00BL5GZN70 Wellington Global High Yield Bond Fund	3.48%	3.57%	0.09%
IE00BDONC367 iShares Global Inflation-Linked Bond Index Fund (Class D USD Hedged)	3.29%	3.29%	0.01%
IE00BMY4BK85 Neuberger Berman Emerging Market Debt Local Currency Fund	1.49%	1.50%	0.00%
IE00B3VWN179 iShares \$ Treasury Bond 1-3yr UCITS ETF	4.29%	4.29%	0.00%
IE00BKT6RT64 iShares China CNY Bond UCITS ETF Agg	2.99%	3.00%	0.01%
IE00BLDGH553 iShares Euro Government Bond Climate UCITS ETF (EUR Unhedged)	2.67%	2.68%	0.01%
IE00B3VWN518 iShares USD Treasury Bond 7-10yr UCITS ETF USD	5.64%	5.61%	-0.03%
IE00BHX5Q577 Payden Emerging Market Debt HC Fund	3.27%	3.22%	-0.05%
<b>Factor Strategy</b>	<b>0.64%</b>	<b>0.66%</b>	<b>0.02%</b>
IE00BP3QZB59 iShares Edge MSCI World Value ETF	0.64%	0.66%	0.02%
<b>Commodities</b>	<b>0.70%</b>	<b>0.70%</b>	<b>0.00%</b>
IE00B4ND3602 iShares PHYSICAL GOLD	0.70%	0.70%	0.00%
<b>Cash</b>	<b>1.15%</b>	<b>1.15%</b>	<b>0.00%</b>
IE00BH3Z9035 BlackRock ICS US Dollar Liquid Environmentally Aware Fund Premier	1.15%	1.15%	0.00%
<b>Total</b>	<b>100.00%</b>	<b>100.00%</b>	

Source: BlackRock, 29 July 2022. 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.

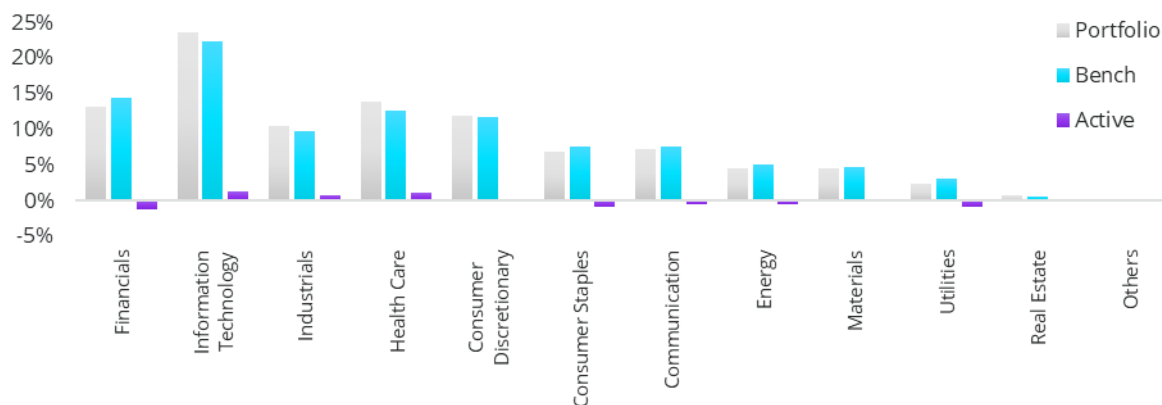


### TOP 10 holdings



Source: BlackRock 29 July 2022

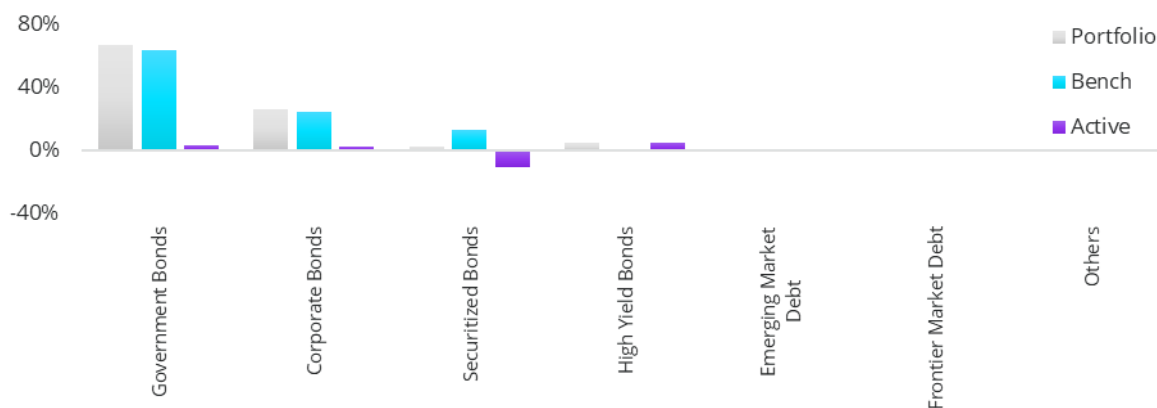
### Equities: Sector allocation



Source: BlackRock 29 July 2022

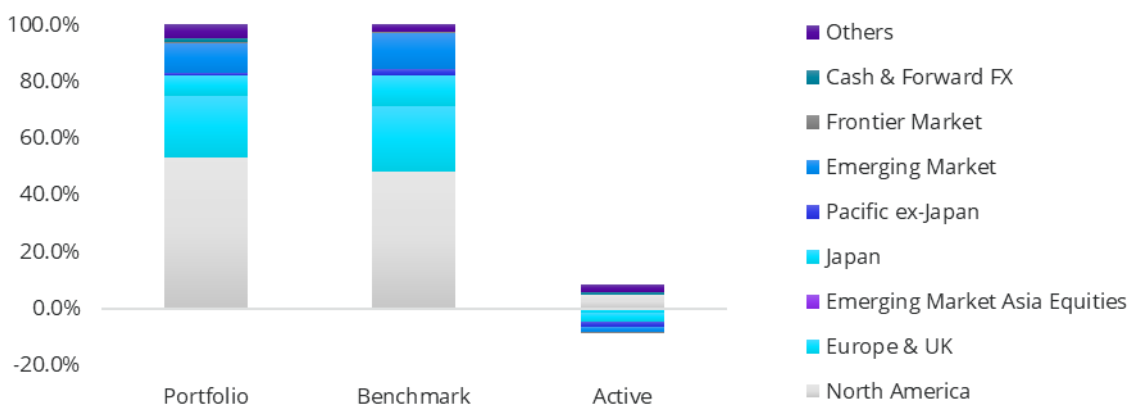


### Fixed Income: Issuer type



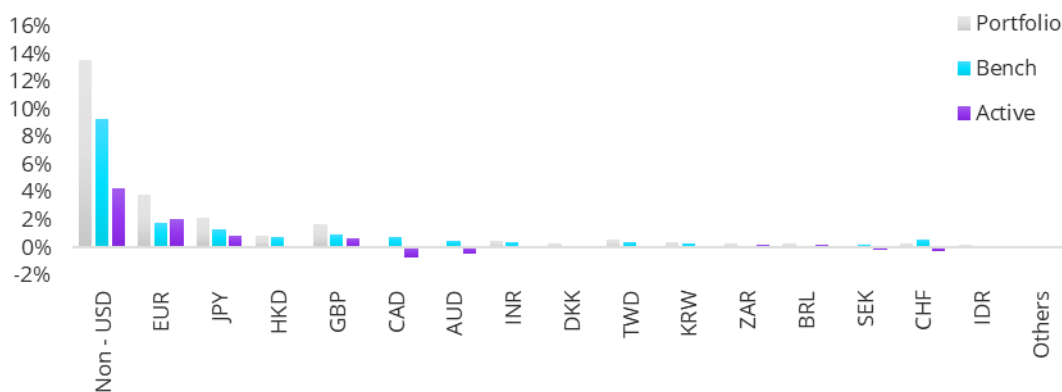
Source: BlackRock 29 July 2022

### Country allocation



Source: BlackRock 29 July 2022

### Currency allocation



Source: BlackRock 29 July 2022



## Performance contribution

Performance contribution identifies how much of the total portfolio performance has been contributed from the underlying investments. Performance is shown in basis points below.

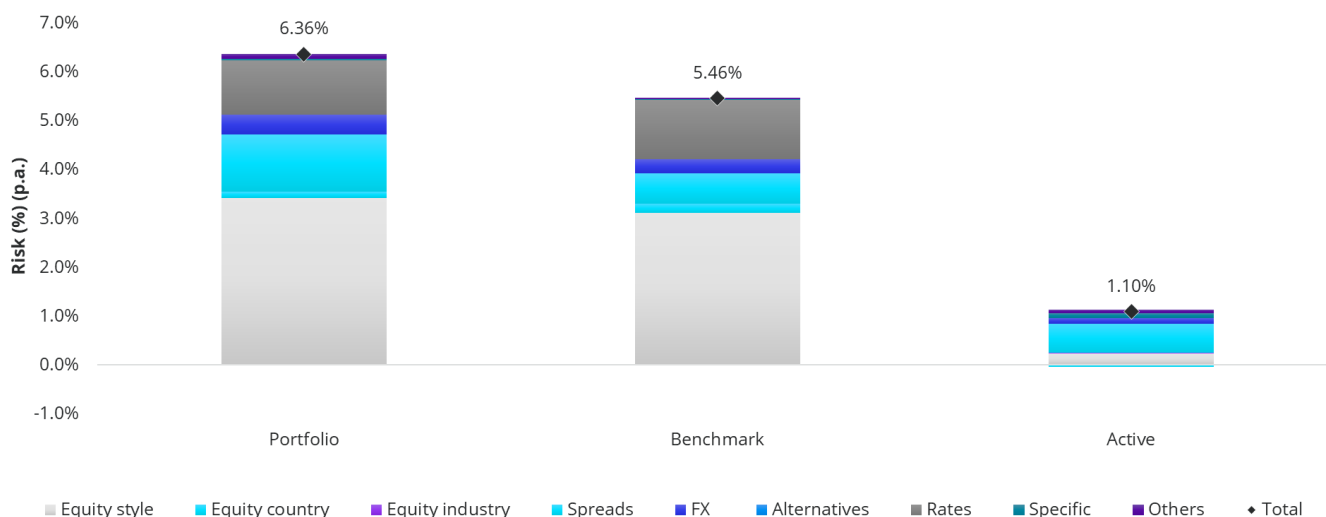
	MTD(%)	YTD(%)
<b>Equities</b>	<b>1.51%</b>	<b>-4.50%</b>
BlackRock Advantage US Equity Fund	0.75%	-1.13%
American Century Global Small Cap Equity Fund	0.09%	-0.42%
BGF Continental European Flexible Fund, USD Unhedged	0.19%	-0.11%
iShares MSCI Japan ESG Enhanced UCITS ETF (Unhedged)	0.15%	-0.03%
BGF Continental European Flexible Fund (Class D2 USD Hedged)		-0.56%
iShares MSCI Japan ESG Enhanced UCITS ETF		-0.30%
iShares FTSE 100 ETF (USD Hedged Acc)		0.04%
iShares MSCI USA ESG Enhanced UCITS ETF		-0.99%
iShares MSCI EM ESG Enhanced UCITS ETF	0.00%	-0.16%
iShares FTSE 100 ETF, USD Un-hedged	0.05%	-0.04%
Schroders ISF Emerging Markets Fund	-0.01%	-0.81%
GQG US Equity Fund	0.30%	0.01%
<b>Fixed Income</b>	<b>2.05%</b>	<b>-5.24%</b>
iShares Global Inflation-Linked Bond Index Fund (Class D USD Hedged)	0.16%	-0.39%
iShares Global Government Bond UCITS ETF (USD Hedged)	0.40%	-0.47%
iShares Core Global Aggregate Bond UCITS ETF	0.36%	-0.62%
Wellington Global High Yield Bond Fund	0.20%	-0.32%
iShares Euro Government Bond Climate UCITS ETF (EUR Unhedged)	0.03%	-0.08%
iShares China CNY Bond UCITS ETF (USD Unhedged)		0.00%
Ashmore SICAV Emerging Market Debt Fund		-0.80%
iShares \$ Corp Bond 0-3yr ESG UCITS ETF		-0.14%
Payden Emerging Market Debt HC Fund	0.11%	-0.09%
PGIM Global Investment Grade	0.54%	-1.92%
iShares USD Treasury Bond 7-10yr UCITS ETF USD	0.19%	0.14%
iShares \$ Treasury Bond 1-3yr UCITS ETF	0.02%	-0.31%
Neuberger Berman Emerging Market Debt Local Currency Fund	0.02%	-0.26%
iShares China CNY Bond UCITS ETF Agg	0.02%	0.02%
<b>Factors Strategy</b>	<b>0.02%</b>	<b>-0.06%</b>
iShares Edge MSCI World Value ETF	0.02%	-0.06%
<b>Commodities</b>	<b>-0.02%</b>	<b>-0.06%</b>
ISHARES PHYSICAL GOLD	-0.02%	-0.06%
<b>Cash</b>	<b>0.00%</b>	<b>0.00%</b>
BlackRock ICS US Dollar Liquid Environmentally Aware Fund Premier	0.00%	0.00%
<b>Total</b>	<b>3.56%</b>	<b>-9.85%</b>

Source: BlackRock, 29 July 2022. Performance and valuations rounded where appropriate, hence totals may not sum.



## Risk analysis: Absolute and Relative

The below graph focuses on Factor risk decomposition. Specifically, the analysis shows a risk factor decomposition of the current portfolio based on the past 230 exponentially-weighted months.



BlackRock, 29 July 2022.

Based on 230 exponentially-weighted monthly data points(36 month half life).

In the above:

- Equity measures the contribution to risk from holding equities in the portfolio. This is split between the style of equity, the country, and the industry to which the equity belongs.
- Spreads measures the contribution to risk from holding corporate bonds and swaps in the portfolio.
- Foreign exchange measures the contribution to risk from unhedged currency exposure
- Alternatives measures the contribution to risk from holding alternative asset classes such as property, hedge funds or illiquid assets.
- Rates illustrates the risk of the values of the assets changing when there is a change to the level of interest rates.
- Specific measures idiosyncratic risk due to the unique circumstances of a particular security, and not the market as a whole.
- 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, cash and cash equivalents.

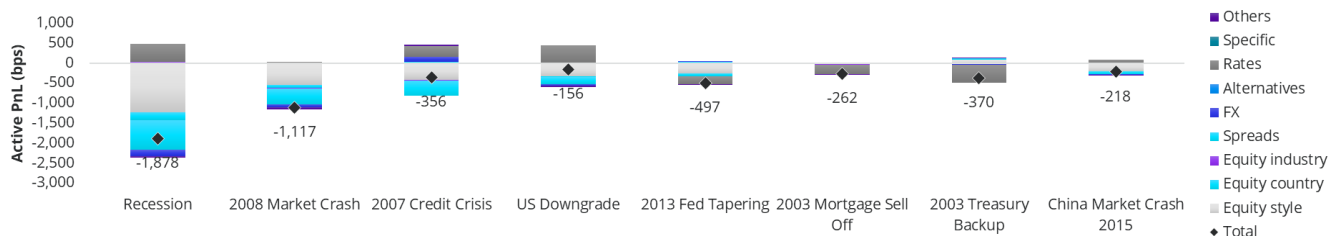




## Risk analysis: Scenario analysis

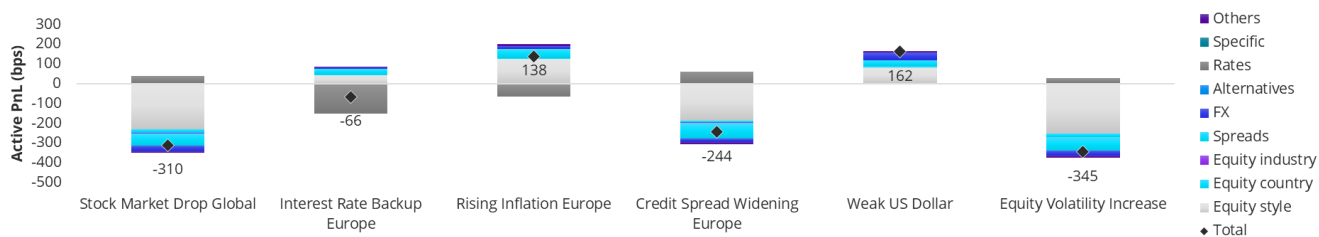
The charts below apply different historical and forward-looking scenarios to the current portfolio. For additional information on the forward-looking scenarios, please refer to the appendix.

### Historical scenarios



BlackRock, 29 July 2022. 1bps refers to 0.01%

### Forward-looking scenarios




BlackRock, 29 July 2022. 1bps refers to 0.01%



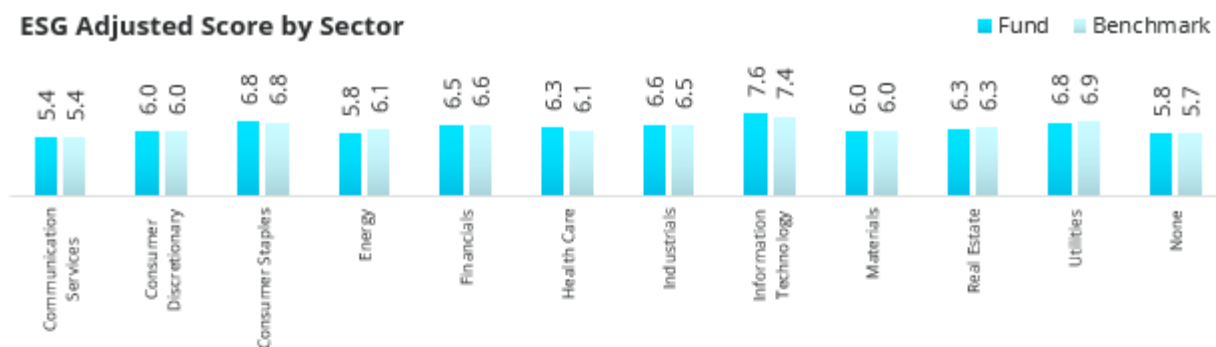
## ESG (Environmental, social, and governance) review: Carbon and ESG exposure

The following refers to the portfolio's carbon and ESG exposure based on its underlying holdings. Aggregation at the total portfolio level has been done using BlackRock-approved methodology, which is explained at the end of the document. ESG data for individual funds and securities was sourced from MSCI.

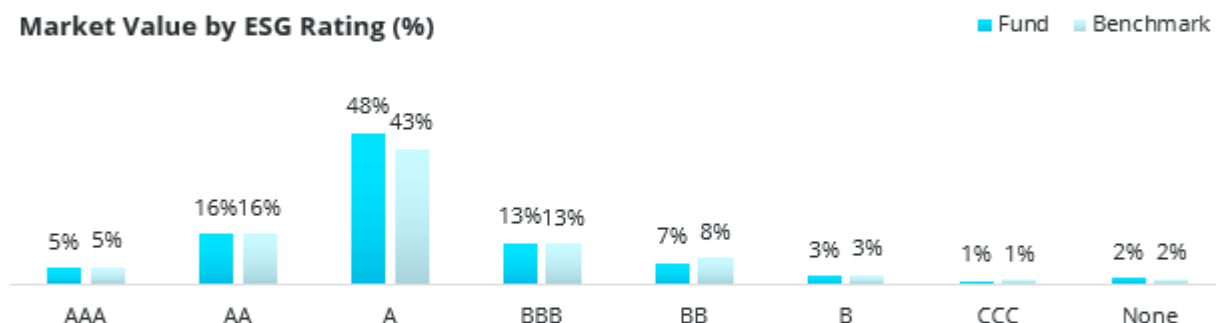
		Portfolio	Benchmark	Active				
ESG	<b>ESG Coverage</b> % Market Value	92.6%	89.0%					
	<b>ESG Adjusted Score</b> 0 (worst) - 10 (best)	6.1	61	0.0				
	<b>Environment Score</b> 0 (worst) - 10 (best)	5.9	5.6	0.3				
	<b>Social Score</b> 0 (worst) - 10 (best)	6.4	6.5	0.0				
	<b>Governance Score</b> 0 (worst) - 10 (best)	5.9	6.0	-0.2				
	<b>Active Risk Contribution by ESG Rating (bps)</b>				666			
	-54	-124	-212	-114	-43	-15	-4	
	AAA	AA	A	BBB	BB	B	CCC	None
Carbon	 <b>BLACKROCK</b>							
	<b>Emissions Intensity (Tot. Capital) - Latest</b> (metric tonnes / \$ million total capital)	Fund	Benchmark	Active				
		100.1	100.0	-0.1%				
	<b>Emissions Intensity (Sales) - Latest</b> (metric tonnes / \$ million total sales)	Fund	Benchmark	Active				
		188.5	181.4	3.9%				



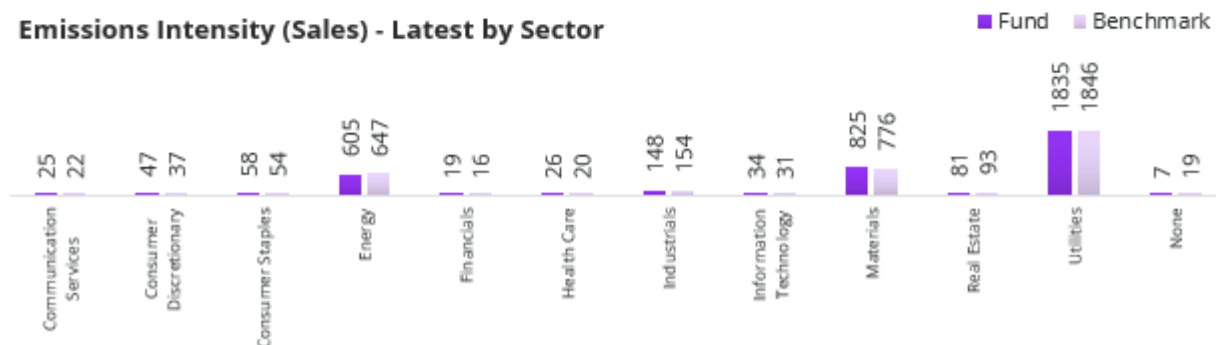
### ESG Adjusted Score by Sector



### Market Value by ESG Rating (%)



### Emissions Intensity (Sales) - Latest by Sector



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

## Discovery Global Moderate Portfolio

### Monthly commentary

- The Portfolio returned 4.6% over the month marginally underperforming the reference benchmark by 0.16%. Longer term, Since Inception returns sits at 2.2% p.a.
- Both equity and fixed income assets moved up during July. This came after a couple of challenging months. US equity outperformed its developed counterparts. Within fixed income both sovereign and credit assets ended the month in green. Despite a positive month, slowing growth and looming inflation coupled with a myriad other factors the economic data continues to be challenging.
- The small overweight to Equity contributed positively along with a preference for US small cap. However, manager selection detracted, primarily driven by the underperformance by GQG. Allocation to US equity (BLK



sustainable advantage fund and iShares MSCI USA ESG enhanced ) was the largest contributor to performance followed by PGIM Investment grade fund.

- In July we trimmed out position in European equity and re-introduced an underweight to government bonds. We bought Global IG credit as we think credit will offer better value than equities.
- The portfolio risk stands at 9.8% while active risk is around 1.1%.

## Asset Allocation

The tables and graphs that follow provide a look-through perspective on active allocations in the fund.

The below table reflects the exposure to each of the underlying assets at the latest reported date. This valuation will reflect market movements since the last portfolio rebalance/trade.

Asset Class	Market Value %		
	01/07/2022	01/08/2022	Change
<b>Equities</b>	<b>50.07%</b>	<b>49.20%</b>	<b>-0.87%</b>
IE00BHZPJ908 iShares MSCI USA ESG Enhanced UCITS ETF	9.90%	10.00%	0.10%
IE00BFZP7V49 BlackRock Advantage US Equity Fund	12.34%	12.39%	0.06%
LU2049715449 Schroders ISF Emerging Markets Fund	6.33%	6.37%	0.04%
IE00BL5M8925 American Century Global Small Cap Equity Fund	1.78%	1.75%	-0.04%
IE00BHZPJ239 iShares MSCI EM ESG Enhanced UCITS ETF	1.00%	1.00%	0.00%
IE00BN4GYG85 GQG US Equity Fund	7.99%	7.94%	-0.05%
IE0005042456 iShares FTSE 100 ETF, USD Un-hedged	2.18%	2.22%	0.04%
LU2315844121 BGF Continental European Flexible Fund, USD Unhedged	4.74%	3.73%	-1.00%
IE00BHZPJ452 iShares MSCI Japan ESG Enhanced UCITS ETF (Unhedged)	3.83%	3.80%	-0.03%
<b>Fixed Income</b>	<b>46.74%</b>	<b>47.73%</b>	<b>0.84%</b>
IE00BK7Y2P34 iShares Global Government Bond UCITS ETF (USD Hedged)	11.07%	8.02%	-3.05%
IE00BZ043R46 iShares Core Global Aggregate Bond UCITS ETF	7.54%	7.49%	-0.05%
IE00BFLQZJ56 PGIM Global Investment Grade	9.54%	13.49%	3.96%
IE00BL5GZN70 Wellington Global High Yield Bond Fund	3.48%	3.53%	0.05%
IE00BDONC367 iShares Global Inflation-Linked Bond Index Fund (Class D USD Hedged)	2.10%	2.10%	0.00%
IE00BK6RT64 iShares China CNY Bond UCITS ETF Agg	2.00%	2.00%	0.00%
IE00BMY4BK85 Neuberger Berman Emerging Market Debt Local Currency Fund	1.50%	1.50%	0.00%
IE00B3VWN179 iShares \$ Treasury Bond 1-3yr UCITS ETF	2.00%	2.00%	0.00%
IE00BLDGH553 iShares Euro Government Bond Climate UCITS ETF (EUR Unhedged)	1.52%	1.52%	0.00%
IE00B3VWN518 iShares USD Treasury Bond 7-10yr UCITS ETF USD	2.12%	2.11%	-0.01%
IE00BHX5Q577 Payden Emerging Market Debt HC Fund	4.03%	3.97%	-0.06%
IE00BKPSFD61 iShares China CNY Bond UCITS ETF (USD Unhedged)	0.00%	0.00%	0.00%
<b>Factor Strategy</b>	<b>1.24%</b>	<b>1.27%</b>	<b>0.03%</b>
IE00BP3QZB59 iShares Edge MSCI World Value ETF	1.24%	1.27%	0.03%
<b>Commodities</b>	<b>1.00%</b>	<b>1.00%</b>	<b>0.01%</b>
IE00B4ND3602 ISHARES PHYSICAL GOLD	1.00%	1.00%	0.01%
<b>Cash</b>	<b>0.80%</b>	<b>0.80%</b>	<b>0.00%</b>
IE00BH3Z9035 BlackRock ICS US Dollar Liquid Environmentally Aware Fund Premier	0.80%	0.80%	0.00%
<b>Total</b>	<b>100.00%</b>	<b>100.00%</b>	

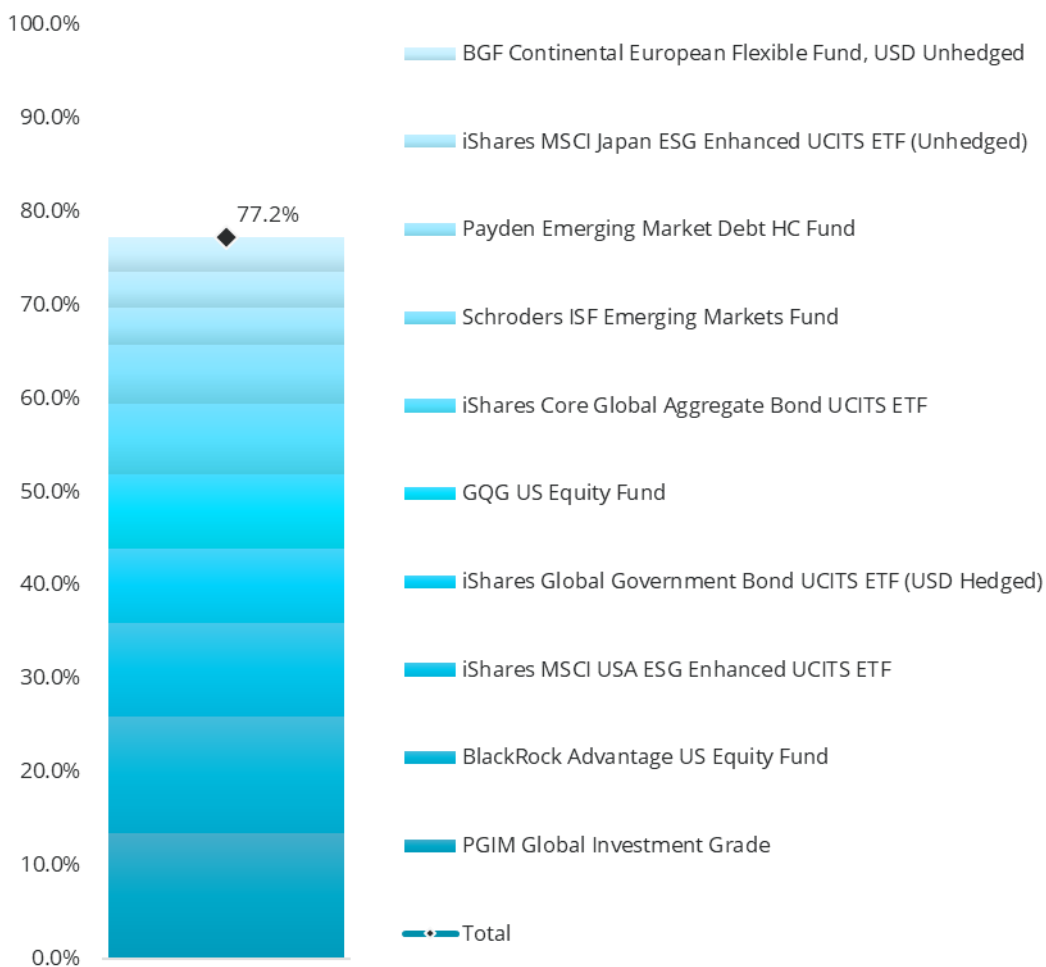
Source: BlackRock, 29 July 2022. Performance and valuations rounded where appropriate, hence totals may not sum.

\*Positions shown are as off end of the month and included market drift from the last rebalance.



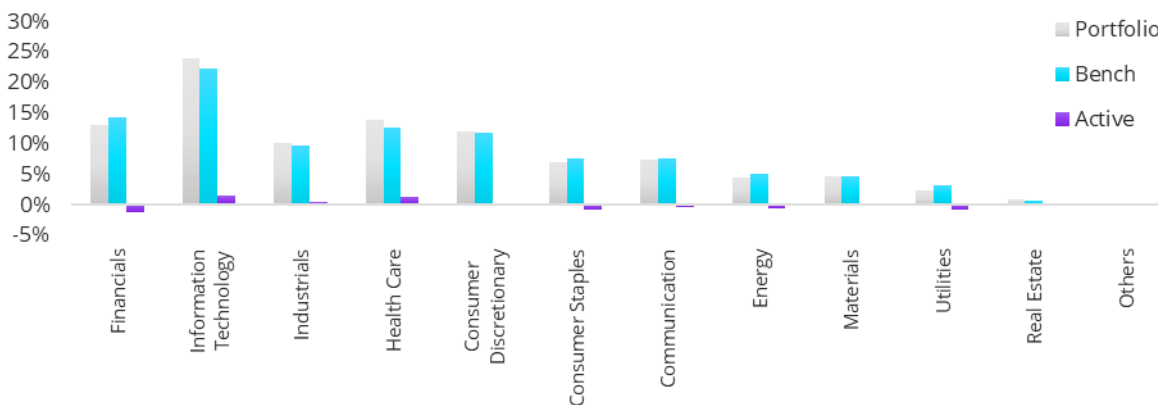
## TOP 10 holdings

The following make up the top 10 holdings of the portfolio.



Source: BlackRock 29 July 2022

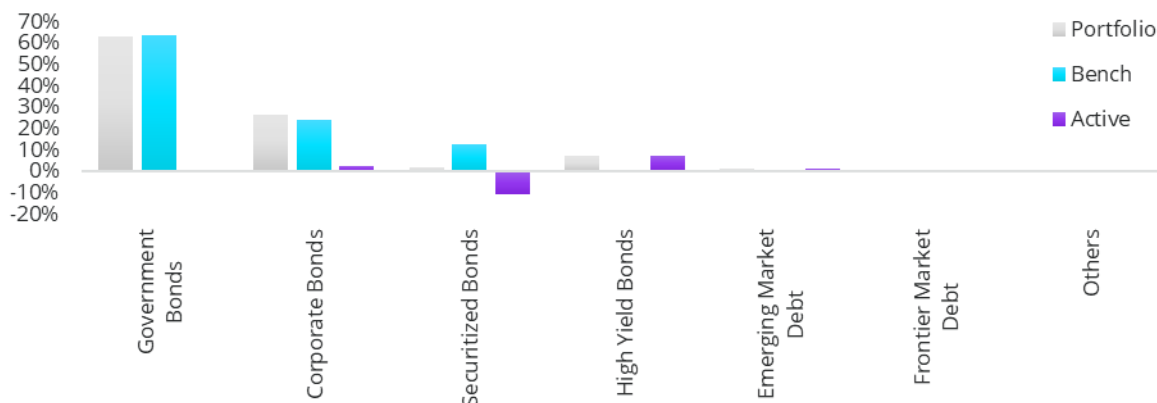
## Equities: Sector allocation



Source: BlackRock 30 June 2022

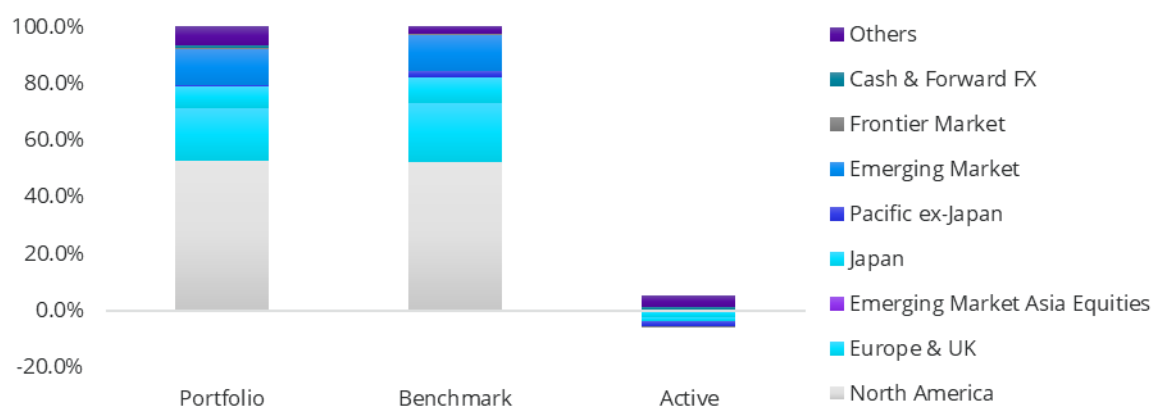


### Fixed Income: Issuer type



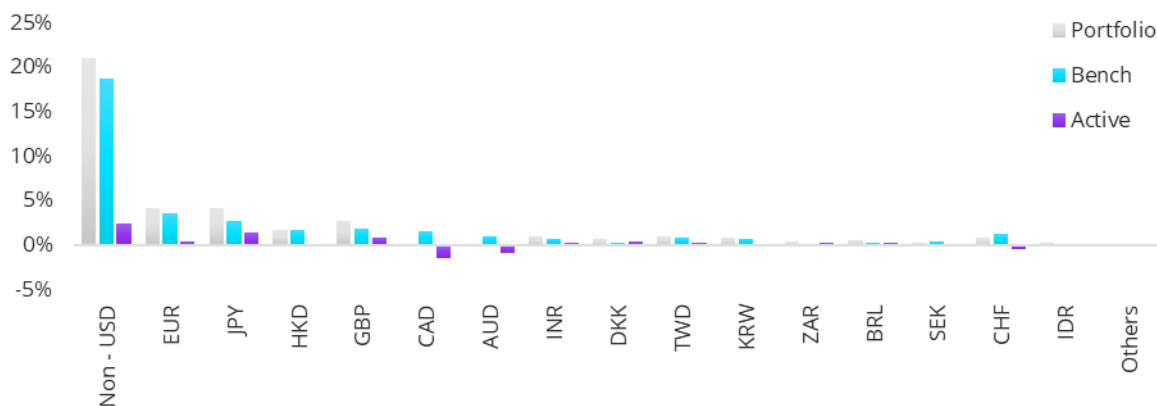
Source: BlackRock 29 July 2022

### Country allocation



Source: BlackRock 29 July 2022

### Currency allocation



Source: BlackRock 29 July 2022



## Performance contribution

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

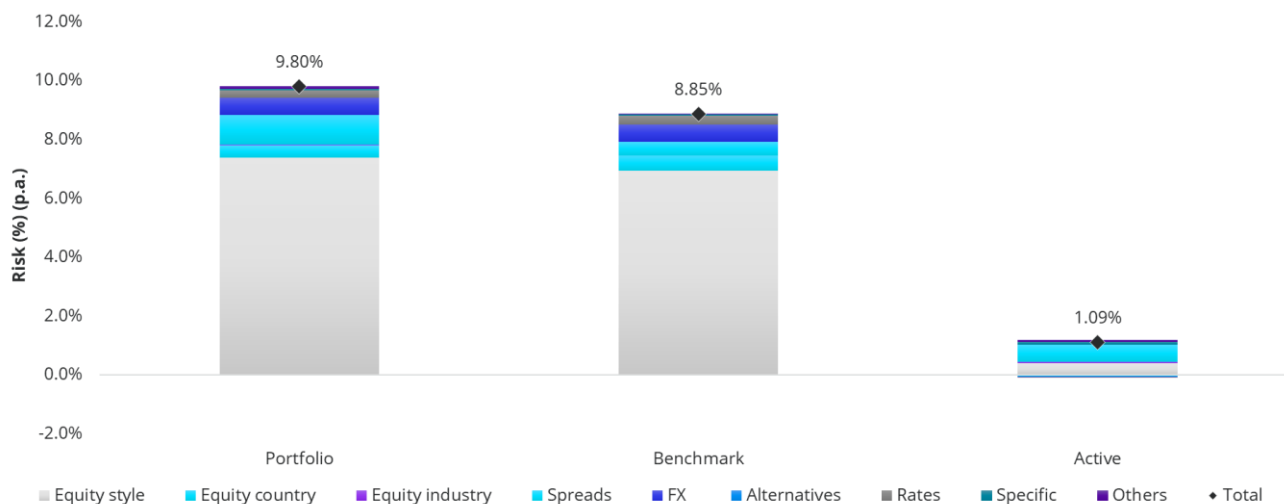
	MTD(%)	YTD(%)
<b>Equities</b>	<b>3.22%</b>	<b>-8.05%</b>
iShares MSCI USA ESG Enhanced UCITS ETF	0.89%	-1.99%
BlackRock Advantage US Equity Fund	1.01%	-1.90%
American Century Global Small Cap Equity Fund	0.16%	-0.64%
BGF Continental European Flexible Fund, USD Unhedged	0.43%	-0.25%
iShares MSCI Japan ESG Enhanced UCITS ETF (Unhedged)	0.28%	-0.06%
BGF Continental European Flexible Fund (Class D2 USD Hedged)		-1.01%
iShares MSCI Japan ESG Enhanced UCITS ETF		-0.52%
iShares FTSE 100 ETF (USD Hedged Acc)		0.06%
iShares MSCI EM ESG Enhanced UCITS ETF	0.00%	-0.23%
iShares FTSE 100 ETF, USD Un-hedged	0.08%	-0.07%
Schroders ISF Emerging Markets Fund	-0.02%	-1.45%
GQG US Equity Fund	0.40%	0.00%
<b>Fixed Income</b>	<b>1.38%</b>	<b>-4.18%</b>
iShares Global Inflation-Linked Bond Index Fund (Class D USD Hedged)	0.10%	-0.16%
iShares Global Government Bond UCITS ETF (USD Hedged)	0.24%	-0.57%
Wellington Global High Yield Bond Fund	0.20%	-0.32%
iShares Core Global Aggregate Bond UCITS ETF	0.23%	-0.55%
iShares China CNY Bond UCITS ETF (USD Unhedged)	0.00%	0.00%
Ashmore SICAV Emerging Market Debt Fund		-0.93%
iShares \$ Corp Bond 0-3yr ESG UCITS ETF		-0.07%
iShares USD Treasury Bond 7-10yr UCITS ETF USD	0.07%	0.05%
PGIM Global Investment Grade	0.34%	-1.06%
Payden Emerging Market Debt HC Fund	0.13%	-0.12%
iShares \$ Treasury Bond 1-3yr UCITS ETF	0.01%	-0.13%
Neuberger Berman Emerging Market Debt Local Currency Fund	0.02%	-0.28%
iShares Euro Government Bond Climate UCITS ETF (EUR Unhedged)	0.02%	-0.04%
iShares China CNY Bond UCITS ETF Agg	0.02%	0.01%
<b>Factors Strategy</b>	<b>0.03%</b>	<b>-0.11%</b>
iShares Edge MSCI World Value ETF	0.03%	-0.11%
<b>Commodities</b>	<b>-0.02%</b>	<b>-0.08%</b>
ISHARES PHYSICAL GOLD	-0.02%	-0.08%
<b>Cash</b>	<b>0.00%</b>	<b>0.00%</b>
BlackRock ICS US Dollar Liquid Environmentally Aware Fund Premier	0.00%	0.00%
<b>Total</b>	<b>4.60%</b>	<b>-12.41%</b>

Source: BlackRock, 29 July 2022. Performance and valuations rounded where appropriate, hence totals may not sum



## Risk analysis: Absolute and Relative

The below graph focuses on Factor risk decomposition. Specifically, the analysis shows a risk factor decomposition of the current portfolio and the active risk based on the past 230 exponentially-weighted months.



BlackRock, 29 July 2022.

Based on 230 exponentially-weighted monthly data points (36 month half life).

In the above:

- Equity measures the contribution to risk from holding equities in the portfolio. This is split between the style of equity, the country, and the industry to which the equity belongs.
- Spreads measures the contribution to risk from holding corporate bonds and swaps in the portfolio.
- Foreign exchange measures the contribution to risk from unhedged currency exposure.
- Alternatives measures the contribution to risk from holding alternative asset classes such as property, hedge funds or illiquid assets.
- Rates illustrates the risk of the values of the assets changing when there is a change to the level of interest rates.
- Specific measures idiosyncratic risk due to the unique circumstances of a particular security and not the market as a whole.
- 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, cash and cash equivalents.

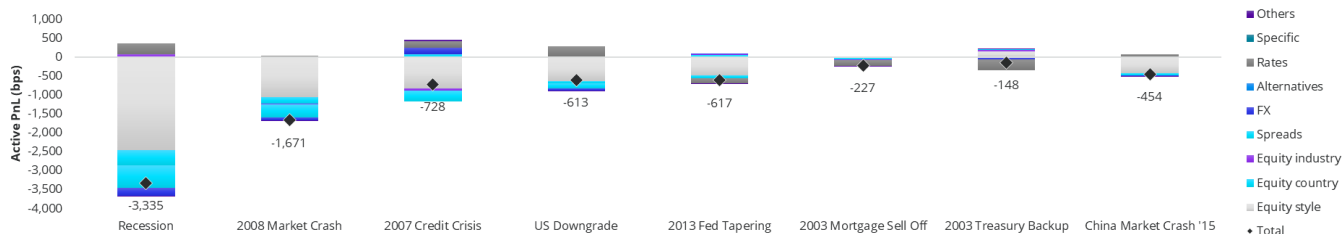




## Risk analysis: Scenario analysis

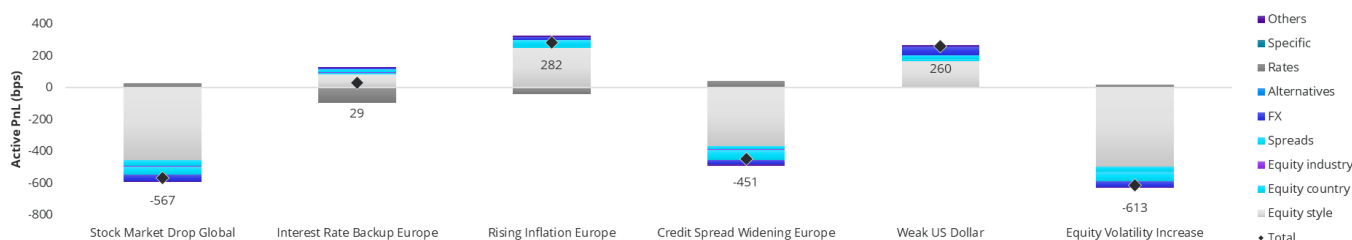
The charts below apply to different historical and forward-looking scenarios to the current portfolio. For further explanations of the scenarios, please refer to the end of the document.

### Historical scenarios



BlackRock, 29 July 2022. 1bps refers to 0.01%

### Forward-looking scenarios




BlackRock, 29 July 2022. 1bps refers to 0.01%



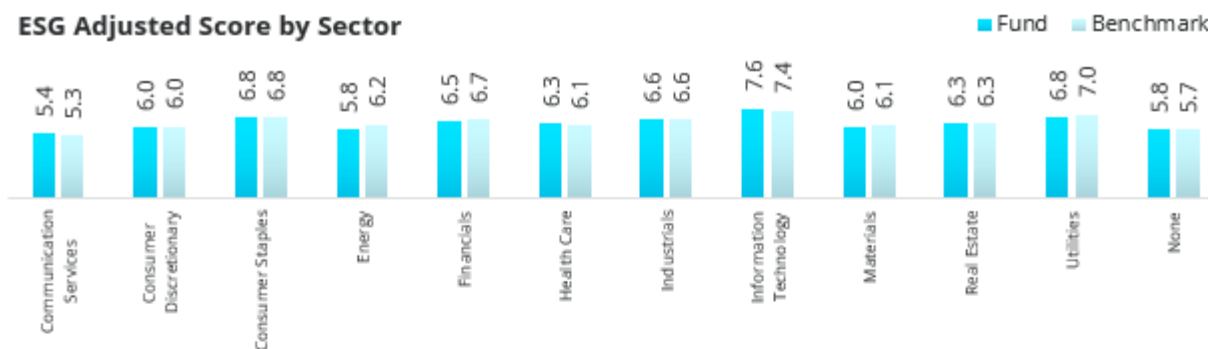
## ESG (Environmental, social, and governance) review: Carbon and ESG exposure

The following refers to the portfolio's carbon and ESG exposure based on its underlying holdings. Aggregation at the total portfolio level has been done using BlackRock-approved methodology, which is explained at the end of the document. ESG data for individual funds and securities was sourced from MSCI.

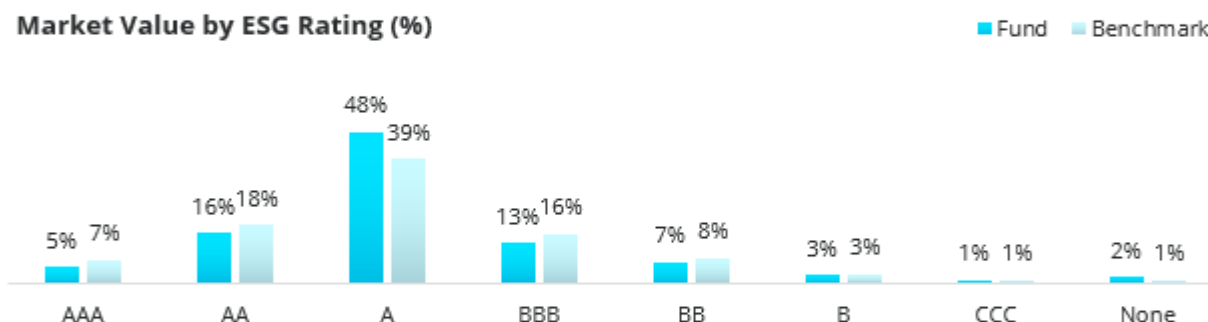
		Portfolio	Benchmark	Active				
ESG	<b>ESG Coverage</b>	92.6%	92.6%					
	% Market Value							
	<b>ESG Adjusted Score</b>	6.1	6.3	-0.1				
	0 (worst) - 10 (best)							
	<b>Environment Score</b>	5.9	6.0	-0.1				
	0 (worst) - 10 (best)							
<b>Social Score</b>	6.4	6.0	0.4					
0 (worst) - 10 (best)								
<b>Governance Score</b>	5.9	5.9	0.0					
0 (worst) - 10 (best)								
Active Risk Contribution by ESG Rating (bps)				666				
	-54	-124	-212	-114	-43	-15	-4	
	AAA	AA	A	BBB	BB	B	CCC	None
Carbon	 <b>BLACKROCK</b>	Fund	Benchmark	Active				
	<b>Emissions Intensity (Tot. Capital) – Latest</b>	100.1	101.1	-0.9%				
	(metric tonnes / \$ million total capital)							
<b>Emissions Intensity (Sales) – Latest</b>	188.5	175.2	7.6%					
(metric tonnes / \$ million total sales)								



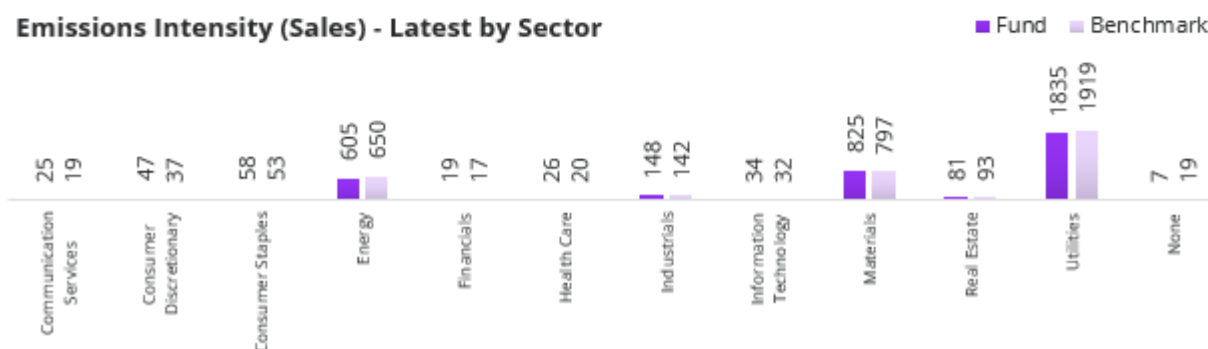
### ESG Adjusted Score by Sector



### Market Value by ESG Rating (%)



### Emissions Intensity (Sales) - Latest by Sector



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

## Discovery Global Growth Portfolio

### Monthly commentary

- The Portfolio returned 5.6% over the month marginally underperforming the reference benchmark by 0.21%. Longer term, Since Inception returns sits at 4.0% p.a.
- Both equity and fixed income assets moved up during July. This came after a couple of challenging months. US equity outperformed its developed counterparts. Within fixed income both sovereign and credit assets ended the month in green. Despite a positive month, slowing growth and looming inflation coupled with a myriad other factors the economic data continues to be challenging.
- The small overweight to Equity contributed positively along with a preference for US small cap. However, manager selection detracted, primarily driven by the underperformance by GQG. Allocation to US equity (BLK



sustainable advantage fund and iShares MSCI USA ESG enhanced ) was the largest contributor to performance followed by European Equity.

- In July we trimmed out position in European equity and re-introduced an underweight to government bonds. We bought Global IG credit as we think credit will offer better value than equities.
- The portfolio risk stands at 13.5% while active risk is around 1.1%.

## Asset Allocation

The tables and graphs that follow provide a look-through perspective on active allocations in the fund.

The below table reflects the exposure to each of the underlying assets at the latest reported date. This valuation will reflect market movements since the last portfolio rebalance/trade.

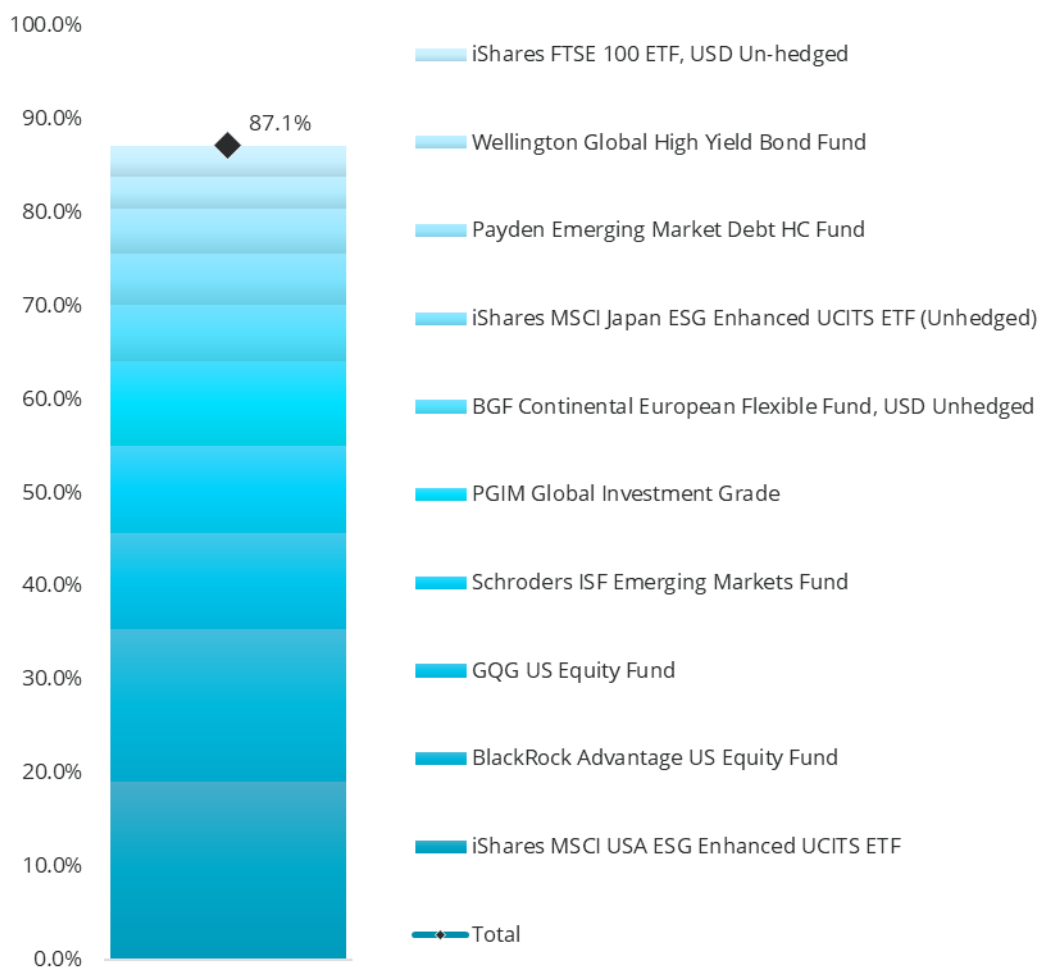
Asset Class		Market Value %		
		01/07/2022	01/08/2022	Change
<b>Equities</b>		<b>74.93%</b>	<b>73.71%</b>	<b>-1.22%</b>
IE00BHZPJ908	iShares MSCI USA ESG Enhanced UCITS ETF	18.85%	19.0%	0.2%
IE00BFZP7V49	BlackRock Advantage US Equity Fund	16.25%	16.3%	0.1%
LU2049715449	Schroders ISF Emerging Markets Fund	9.32%	9.4%	0.1%
IE00BL5M8925	American Century Global Small Cap Equity Fund	2.61%	2.6%	-0.1%
IE00BHZPJ239	iShares MSCI EM ESG Enhanced UCITS ETF	1.30%	1.3%	0.0%
IE00BN4GYG85	GQG US Equity Fund	10.50%	10.3%	-0.2%
IE0005042456	iShares FTSE 100 ETF, USD Un-hedged	3.22%	3.3%	0.1%
LU2315844121	BGF Continental European Flexible Fund, USD Unhedged	7.28%	6.0%	-1.3%
IE00BHZPJ452	iShares MSCI Japan ESG Enhanced UCITS ETF (Unhedged)	5.60%	5.6%	0.0%
<b>Fixed Income</b>		<b>21.53%</b>	<b>22.70%</b>	<b>1.17%</b>
IE00BK7Y2P34	iShares Global Government Bond UCITS ETF (USD Hedged)	1.97%	0.00%	-1.97%
IE00BL5GZN70	Wellington Global High Yield Bond Fund	3.50%	3.51%	0.01%
IE00BFLQZJ56	PGIM Global Investment Grade	3.82%	9.01%	5.19%
IE00B3VWN518	iShares USD Treasury Bond 7-10yr UCITS ETF USD	1.31%	0.00%	-1.31%
IE00BK76RT64	iShares China CNY Bond UCITS ETF Agg	0.80%	0.80%	0.00%
IE00BDONC367	iShares Global Inflation-Linked Bond Index Fund (Class D USD Hedged)	0.80%	0.80%	0.00%
IE00BMY4BK85	Neuberger Berman Emerging Market Debt Local Currency Fund	1.50%	1.50%	0.00%
IE00BHX5Q577	Payden Emerging Market Debt HC Fund	4.80%	4.72%	-0.08%
IE00BZ043R46	iShares Core Global Aggregate Bond UCITS ETF	3.02%	2.35%	-0.67%
<b>Factor Strategy</b>		<b>1.89%</b>	<b>1.93%</b>	<b>0.04%</b>
IE00BP3QZB59	iShares Edge MSCI World Value ETF	1.89%	1.93%	0.04%
<b>Commodities</b>		<b>1.30%</b>	<b>1.31%</b>	<b>0.01%</b>
IE00B4ND3602	ISHARES PHYSICAL GOLD	1.30%	1.31%	0.01%
<b>Cash</b>		<b>0.35%</b>	<b>0.35%</b>	<b>0.00%</b>
IE00BH3Z9035	BlackRock ICS US Dollar Liquid Environmentally Aware Fund Premier	0.35%	0.35%	0.00%
<b>Total</b>		<b>100.00%</b>	<b>100.00%</b>	

Source: BlackRock, 29 July 2022. 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.

### TOP 10 holdings

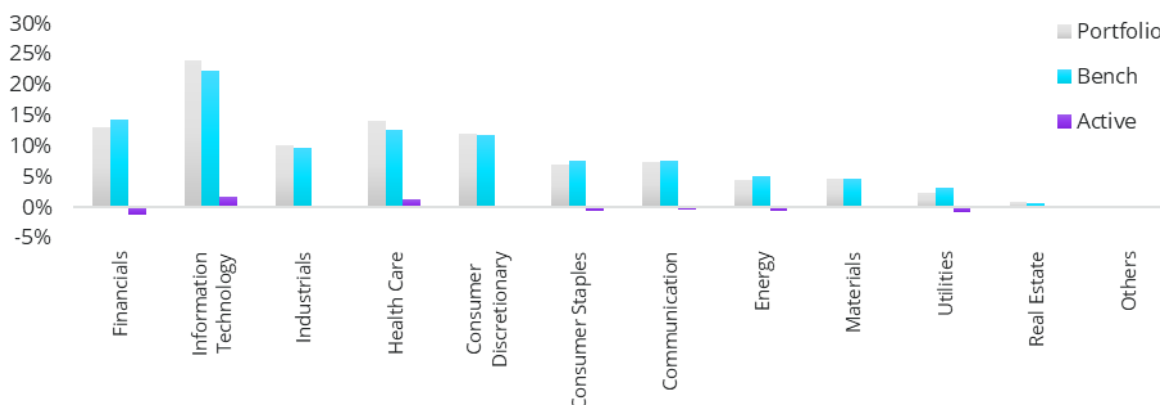
The following make up the top 10 holdings of the portfolio.



Source: BlackRock 29 July 2022



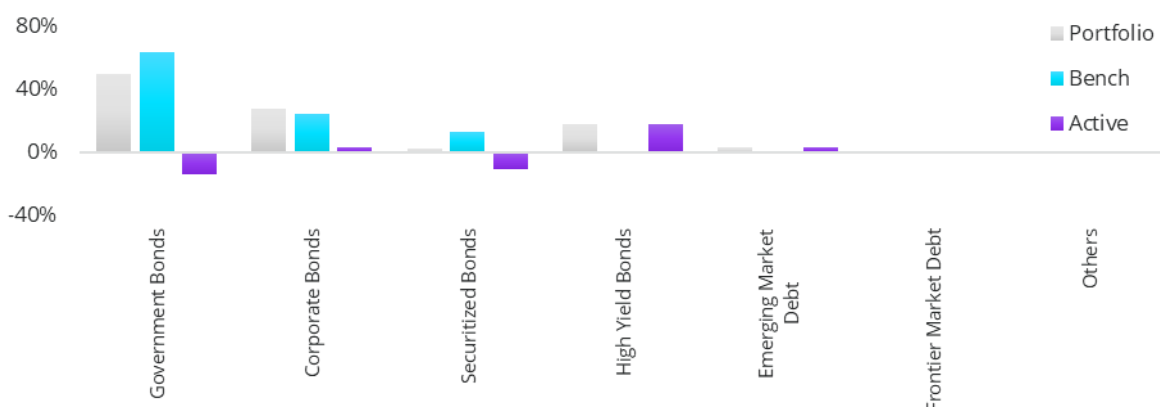
### Equities: Sector allocation



Source: BlackRock 29 July 2022

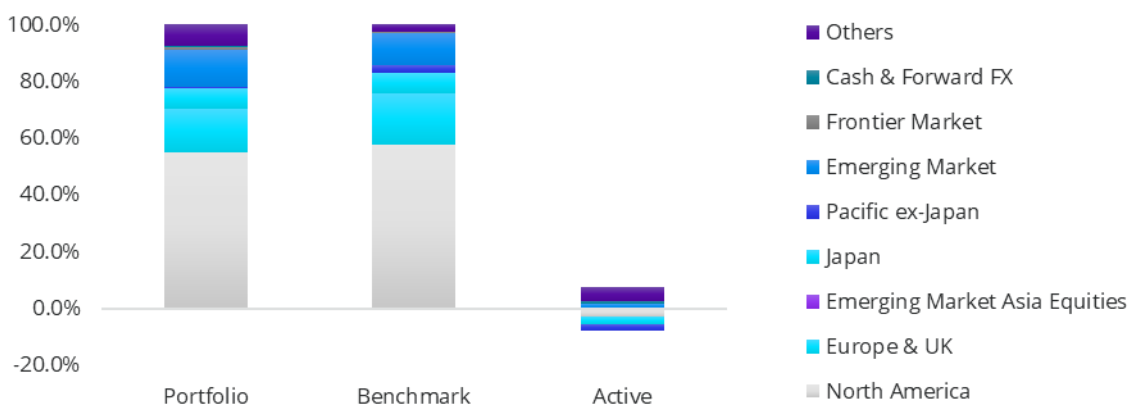
The allocations are scaled to the portfolio's total equity/fixed income allocation. Figures are based on unaudited values.

### Fixed Income: Issuer type



Source: BlackRock 29 July 2022

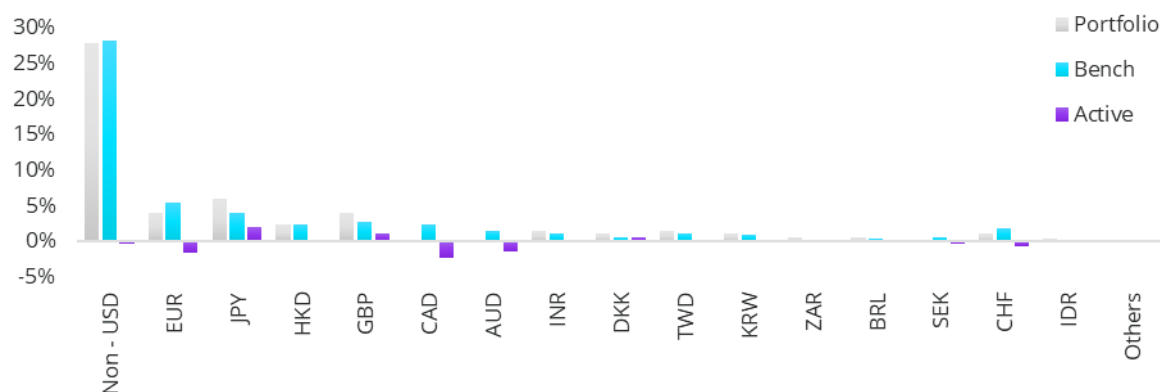
### Country allocation



Source: BlackRock 29 July 2022



## Currency allocation



BlackRock, data as of 29 July 2022. Figures are based on unaudited values.

## Performance contribution

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

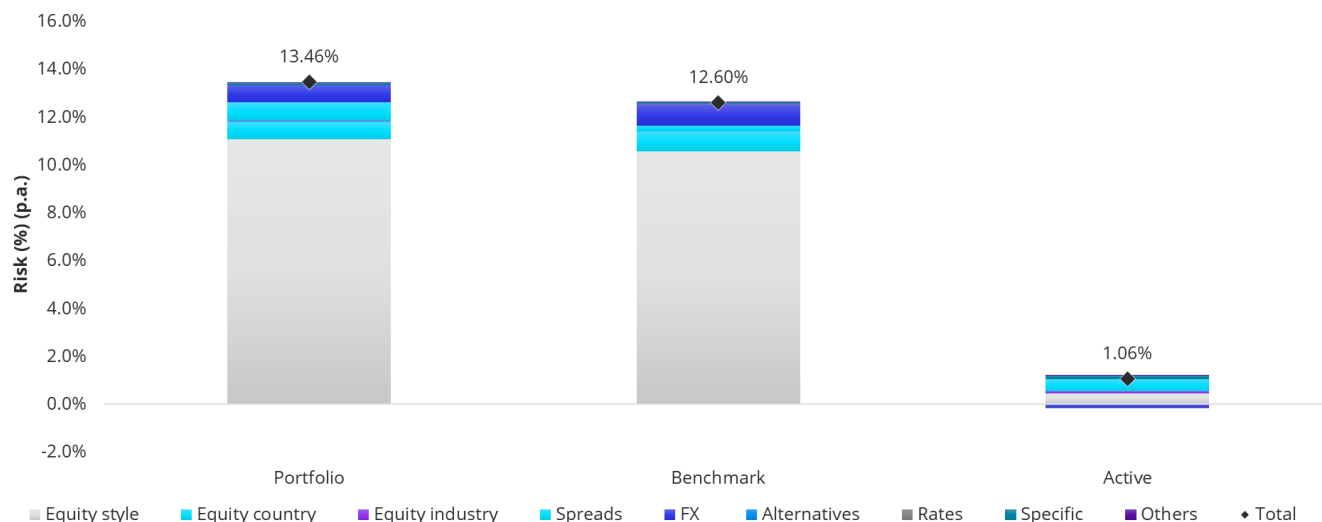
	MTD(%)	YTD(%)
<b>Equities</b>	<b>4.91%</b>	<b>-11.19%</b>
iShares MSCI USA ESG Enhanced UCITS ETF	1.68%	-2.88%
BlackRock Advantage US Equity Fund	1.33%	-2.60%
American Century Global Small Cap Equity Fund	0.23%	-0.85%
BGF Continental European Flexible Fund, USD Unhedged	0.65%	-0.39%
iShares MSCI Japan ESG Enhanced UCITS ETF (Unhedged)	0.40%	-0.09%
BGF Continental European Flexible Fund (Class D2 USD Hedged)		-1.37%
iShares MSCI Japan ESG Enhanced UCITS ETF		-0.69%
iShares FTSE 100 ETF (USD Hedged Acc)		0.08%
iShares MSCI EM ESG Enhanced UCITS ETF	0.00%	-0.29%
iShares FTSE 100 ETF, USD Un-hedged	0.12%	-0.11%
Schroders ISF Emerging Markets Fund	-0.04%	-2.00%
GQG US Equity Fund	0.52%	-0.01%
<b>Fixed Income</b>	<b>0.73%</b>	<b>-3.05%</b>
iShares Global Inflation-Linked Bond Index Fund (Class D USD Hedged)	0.04%	-0.10%
Wellington Global High Yield Bond Fund	0.20%	-0.32%
iShares Global Government Bond UCITS ETF (USD Hedged)	0.04%	-0.46%
iShares Core Global Aggregate Bond UCITS ETF	0.09%	0.03%
Ashmore SICAV Emerging Market Debt Fund		-1.09%
iShares \$ Corp Bond 0-3yr ESG UCITS ETF		-0.05%
PGIM Global Investment Grade	0.14%	-0.64%
Payden Emerging Market Debt HC Fund	0.16%	-0.14%
Neuberger Berman Emerging Market Debt Local Currency Fund	0.02%	-0.31%
iShares USD Treasury Bond 7-10yr UCITS ETF USD	0.04%	0.03%
iShares China CNY Bond UCITS ETF Agg	0.01%	0.00%
<b>Factors Strategy</b>	<b>0.05%</b>	<b>-0.15%</b>
iShares Edge MSCI World Value ETF	0.05%	-0.15%
<b>Commodities</b>	<b>-0.03%</b>	<b>-0.10%</b>
ISHARES PHYSICAL GOLD	-0.03%	-0.10%
<b>Cash</b>	<b>0.00%</b>	<b>0.00%</b>
BlackRock ICS US Dollar Liquid Environmentally Aware Fund Premier	0.00%	0.00%
<b>Total</b>	<b>5.66%</b>	<b>-14.49%</b>

Source: BlackRock, 29 July 2022. Performance and valuations rounded where appropriate, hence totals may not sum



## Risk analysis: Absolute and Relative

The below graph focuses on Factor risk decomposition. Specifically, the analysis shows a risk factor decomposition of the current portfolio and the active risk based on the past 230 exponentially-weighted months.



BlackRock, 29 July 2022.

Based on 230 exponentially-weighted monthly data points(36 month half life).

In the above:

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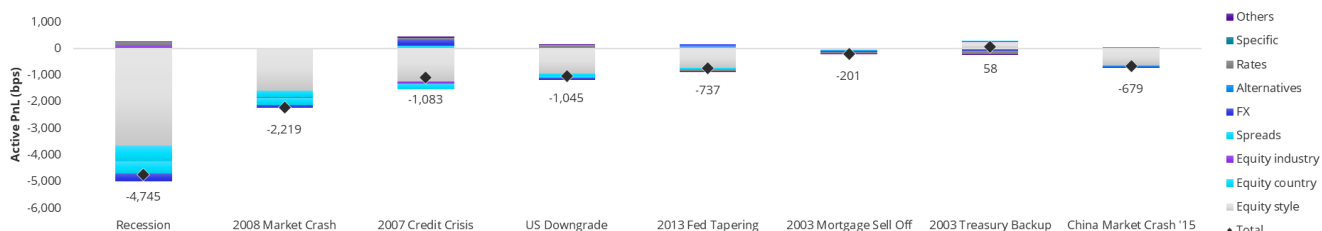




## Risk analysis: Scenario analysis

The charts below apply different historical and forward-looking scenarios to the current portfolio. For further explanations of the scenarios, please refer to the end of the document.

### Historical scenarios



BlackRock, 29 July 2022. 1bps refers to 0.01%

### Forward-looking scenarios




BlackRock, 29 July 2022. 1bps refers to 0.01%



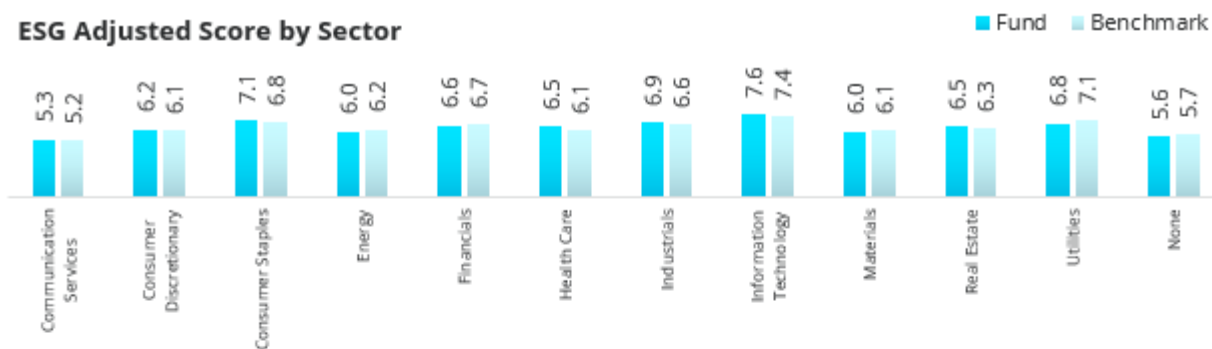
## ESG (Environmental, social, and governance) review: Carbon and ESG exposure

The following refers to the portfolio's carbon and ESG exposure based on its underlying holdings. Aggregation at the total portfolio level has been done using BlackRock-approved methodology which is explained at the end of the document. ESG data for individual funds and securities was sourced from MSCI.

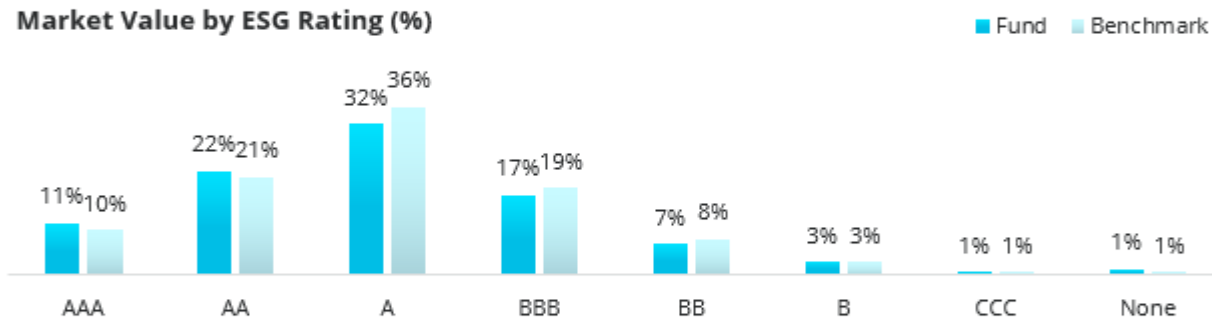
		Portfolio	Benchmark	Active				
ESG	<b>ESG Coverage</b>	92.5%	96.2%					
	% Market Value							
	<b>ESG Adjusted Score</b>	6.6	6.4	0.2				
	0 (worst) - 10 (best)							
	<b>Environment Score</b>	6.5	6.3	0.2				
	0 (worst) - 10 (best)							
<b>Social Score</b>	5.5	5.6	-0.1					
0 (worst) - 10 (best)								
<b>Governance Score</b>	5.6	5.7	-0.1					
0 (worst) - 10 (best)								
<b>Active Risk Contribution by ESG Rating (bps)</b>				1100				
	-126	-212	-320	-224	-74	-32	-6	
	AAA	AA	A	BBB	BB	B	CCC	None
Carbon			Fund	Benchmark	Active			
	<b>Emissions Intensity (Tot. Capital) – Latest</b>		92.3	101.3	-8.9%			
	(metric tonnes / \$ million total capital)							
<b>Emissions Intensity (Sales) – Latest</b>		153.4	171.8	-10.7%				
(metric tonnes / \$ million total sales)								



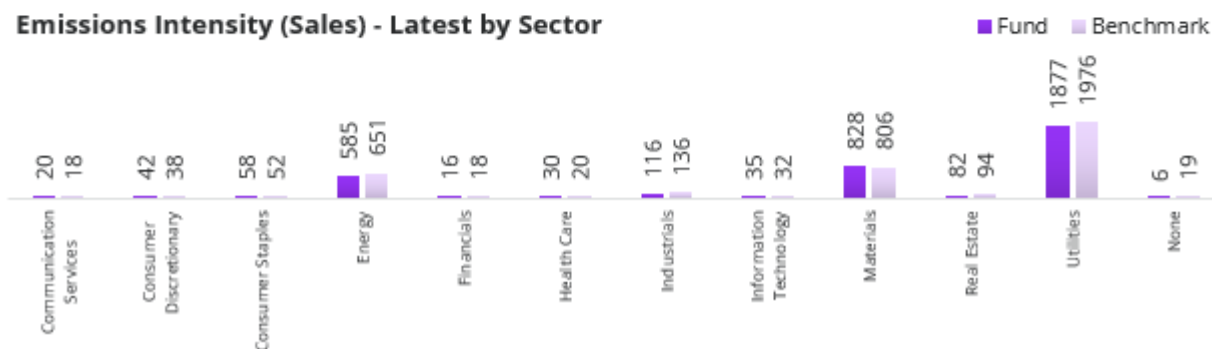
### ESG Adjusted Score by Sector



### Market Value by ESG Rating (%)



### Emissions Intensity (Sales) - Latest by Sector



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



# Notes, definitions and disclaimers

## Scenario descriptions

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- Recession: 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.
- 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 a one percentile increase.



## ESG (Environmental, social, and governance) methodology and assumptions

The above metrics are based on the following methodology and can be interpreted as follows:

	Metric	Methodology	Interpretation
ESG	ESG Score (Adjusted)	Best scoring company within a peer group is 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.
	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)	$\sum \left( \frac{\text{Scope 1 \& 2 GHG Emissions}}{\text{Total Capital}} \right)$	Emissions normalized by total capital (total debt + total equity). With every million dollar invested x metric tons of emissions are financed.
	Emissions Intensity (metric tonnes / \$ million sales)	$\sum \left( \frac{\text{Scope 1 \& 2 GHG Emissions}}{\text{Total Sales}} \right)$	Emissions normalized by total sale. With every million dollar revenue x metric tons of emissions are financed.



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