Smart Beta (Compass

Seeking Safety in the Soft Landing

Q1 2024

04 Investment Outlook

09 Investor Behaviour

13 Factor Performance and Flows



STATE STREET GLOBAL SPDR®

A Leader in Smart Beta Index Investing

SPDR® is a pioneer in both smart beta and ETF investing. For more than a quarter of a century, we have uncovered research-backed insights and formed strong opinions about how to efficiently harvest factor premia and implement them in a portfolio using ETFs.

Smart beta ETFs allow investors the opportunity, with a single trade, to introduce a factor exposure into their portfolio. In the current environment, we continue to see equity investors positioning for the long term, when markets will resume trading on fundamentals.

Table of Contents

O4 Investment Outlook

Seeking Safety in the Soft Landing

09 Investor Behaviour

Investors trim Quality overweight, with inflows to Value and Dividends underweight.

13 Factor Performance and Flows

Markets pulled back in October, before a yearend rally led by Small Caps. ETF investors continued into Small Cap and Quality stocks, with Value split geographically.

Investment Outlook

State Street Global Advisors has identified the key considerations for investors in the coming quarter, and how markets can be navigated using SPDR® ETFs.

Implementing Smart Beta Investing

This section contains our market outlook for the coming quarter, as well as the complete listings and recent standard performance for all factor-based, Smart Beta SPDR® ETFs.

Q1 Market Outlook: Seeking Safety in the Soft Landing

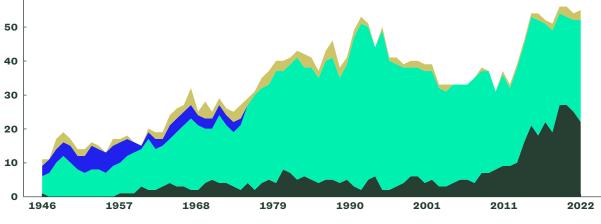
Figure 1: Global Armed Conflicts Escalating

In the first quarter of 2024, we caution investors to consider if the market has gotten ahead of itself with respect to pricing in the soft landing. We encourage investors to seek out relatively safe opportunities to stay long equities in the event we experience a short-term spike in volatility. We believe value stocks may be better priced to reflect a measured risk-on approach.

In our 2024 Global Market Outlook, Positioning the Pieces, we discussed how increasing geopolitical tensions may have the ability to derail the disinflationary trend. This comes at a time when markets are anticipating much softer inflation and interest rates in 2024. Central bankers appear to have successfully orchestrated an economic "soft landing" while re-normalising interest rates from 2022 through 2023. The perceived risk now is whether or not bankers will be in a position to reduce rates at the speed and magnitude required to maintain the economic resilience. If we do see repricing in Q1, we think it could result in contraction of the ever-expanding premium in growth stocks. In short, value stocks remain historically cheap and could offer some relevant downside risk protection as a result.

Investors should consider three factors in taking a relative value approach to remaining long equities in 2024: geopolitical risk/impact, market expectations, and valuations.

(1946 - 2022)60 **Number of Conflicts** 50



Source: State Street Global Advisors Macro Policy, UCDP via Our World in Data, as of 21 September 2023.

Geopolitical Tension Increasing Global conflicts are escalating amidst a historical drawdown in strategic petroleum reserves ("SPR"). A singular focus on Ukraine this time last year has now expanded to include actions in the Middle East, with significant implications for energy markets and global trade more broadly. Key elections scheduled for 2024 may not help, as campaign rhetoric is likely to further disrupt geopolitical harmony.

Intrastate (non-Internationalised)

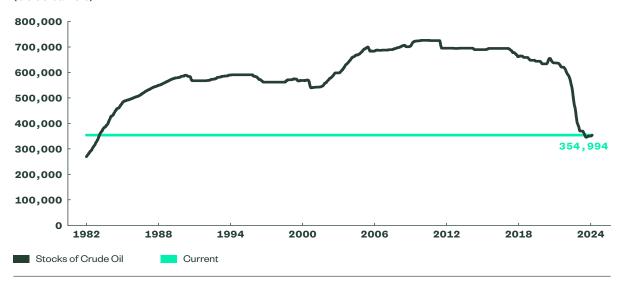
Extra Systemic

Intrastate (Internationalised)

Interstate

Figure 2: Weekly US Ending Stocks of Crude Oil in Strategic Petroleum Reserve

(000s barrels)

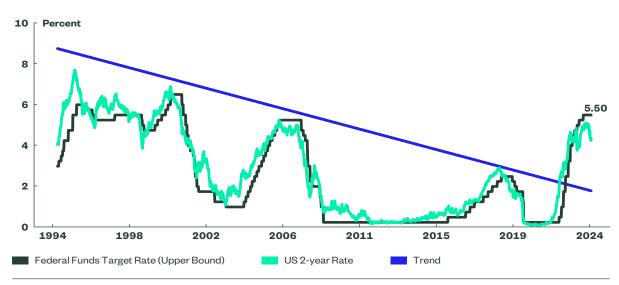


Source: U.S. Energy and Information Administration ("EIA"), as of 4 January 2024.

Softer Inflation and Interest Rates in 2024 The bond market is expecting rates to decrease significantly in the next 12 months. While the Federal Reserve (Fed) is expected to hold at the current 5.25–5.5% in January, the market is projecting an 85.7% chance that the rate is <4% by year end. A change in the policy rate is usually foreshadowed by a drop in short-term rates. Given the magnitude of expected declines and market consensus, any deviation is likely to be a source of short-term market disruption.

Figure 3: US Short-term Rates

(Last 30 Years)

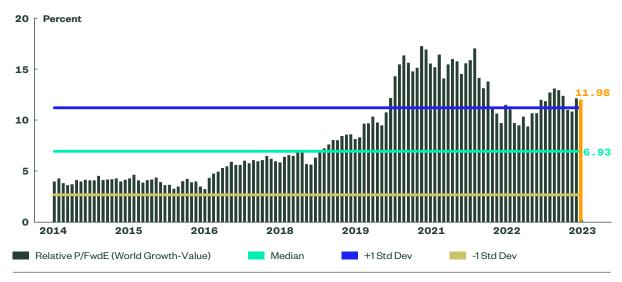


Source: Bloomberg Finance L.P., as of 29 December 2023. Holdings and characteristics are as of the date indicated, are subject to change, and should not be relied upon as current thereafter.

Value Remains Good Relative Value We continue to track the premium price on earnings in growth sectors on a historical basis. While this structural trend remains a tailwind for investors, growth stocks may be most at risk if interest rate repricing occurs in the first half of 2024.

Figure 4: Earnings Valuation Premium in Growth Stocks

(World Equities, Last 10 Years)



Source: Bloomberg Finance L.P., as of 29 December 2023. Holdings and characteristics are as of the date indicated, are subject to change, and should not be relied upon as current thereafter.

Last quarter we emphasized the protection opportunity in US equities on the basis of the relative resilience of US employment and underlying structural momentum. Despite our concerns about household balance sheets, more challenging credit conditions, and declining leading economic indicators, the US charged forward on the path towards a soft landing. Growth stocks were the strongest performing global factor last year, led by US growth.

While we would still tend to favour a number of defensive-tilted factor exposures, ultimately we think Value Exposure Select strategies promote a strong balance between value and quality. Quality stocks continue to have strong momentum behind them and value stocks are trading at attractive historical valuations, given the backdrop of uncertainty ahead. Value Exposure Select strategies can allow investors to access strong value factor exposure while seeking to avoid value traps by using a light quality touch.

SPDR® ETFs offer a suite of Value Exposure Select strategies in World, USA and European exposures which track the MSCI Value Exposure Select family of indices.

In summary, we would encourage investors to consider the following:

World/USA/Europe Value With so much uncertainty from geopolitics to interest rate outlooks, we think
investors could benefit from the combination of strong momentum (quality) and cheap valuations (value).
 Value Exposure Select strategies can allow investors to access strong value factor exposure while
seeking to avoid value traps by using a light quality touch.

How Can Investors Navigate This Theme?

World SPDR® MSCI World Value UCITS ETF (Acc)

The SPDR® MSCI World Value UCITS ETF seeks to fully replicate the MSCI World Value Exposure Select Index, an index which measures the performance of the stocks that exhibit relatively higher exposure to the value factor within developed market countries that compose the parent index, MSCI World Index. The Index also seeks to avoid poor quality companies, as measured by their fundamental accounting data including return on equity, debt to equity and earnings variability.

USA SPDR® MSCI USA Value UCITS ETF

The SPDR® MSCI USA Value UCITS ETF seeks to fully replicate the MSCI USA Value Exposure Select Index, an index which measures the performance of the stocks that exhibit relatively higher exposure to the value factor within developed market countries that compose the parent index, MSCI USA Index. The Index also seeks to avoid poor quality companies, as measured by their fundamental accounting data including return on equity, debt to equity and earnings variability.

Europe SPDR® MSCI Europe Value UCITS ETF

The SPDR® MSCI Europe Value UCITS ETF seeks to fully replicate the MSCI Europe Value Exposure Select Index, an index which measures the performance of the stocks that exhibit relatively higher exposure to the value factor within developed market countries that compose the parent index, MSCI Europe Index. The Index also seeks to avoid poor quality companies, as measured by their fundamental accounting data including return on equity, debt to equity and earnings variability.

Investor Behaviour

A snapshot of the cross-sectional patterns of institutional equity flows and holdings.

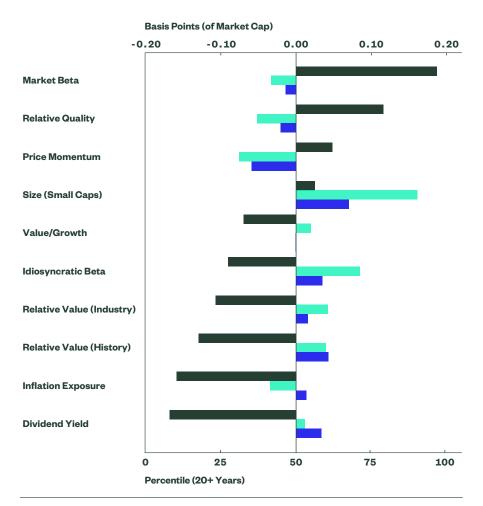
Institutional Style Positioning

The analysis covers 10 style dimensions; Market Beta, Idiosyncratic Volatility (further referred to as Idiosyncratic Beta), Dividend Yield, Inflation Exposure, Value/Growth, Relative Value to History, Relative Value to Industry, Size (Small Caps), Price Momentum and Relative Efficiency (further referred to as Relative Quality). See page 21 for full style definitions.

Investors Trim Quality Overweight, With Inflows to Value and Dividend Underweight Positioning in Market Beta and Relative Quality stocks was the most significant overweight at the end of Q4. With respect to Quality, positioning was driven by relative market performance as flows were negative and slightly accelerated an outflow trend. Conversely, Small Cap and Idiosyncratic Beta stocks experienced accelerating inflows, the latter from an underweight position.

Value and Dividend stocks continued to attract inflows despite still being historically underweight from a positioning standpoint. Inflation stocks are also under-owned as the most recent flows trend turned negative.





Source: State Street Global Markets, as of 2 January 2024. Flows and holdings are as of the date indicated, are subject to change, and should not be relied upon as current thereafter. This information should not be considered a recommendation to invest in a particular style. It is not known whether the styles shown will be profitable in the future. See Appendix for style definitions.

Trend Flows

In addition to the latest investor positioning in each of the significant style dimensions, the active flows trend can provide further context on investor sentiment.

Below we analyse the trend in active flows across two time series: the daily change in 60-day trend flows over the past year and the daily change in 20-day trend flows over the past quarter. Each of the charts provides expanded context on the trend of investor flows leading up to the quarter-end positioning (see Figure 5).

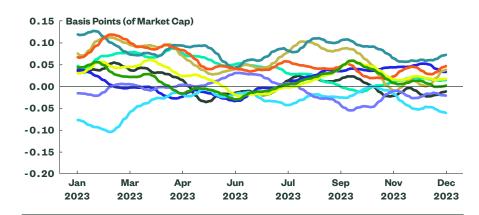
The 60-day trend flows experienced style consolidation in Q4. Small-cap stocks remain strongly positive on both the 60- and 20-day trend, once again accelerating into the end of the quarter. This is the only overweight style to see inflows. Momentum stocks experienced the strongest outflow trend throughout the quarter. Momentum, Quality and Beta all experienced accelerating outflows.

Figure 6: Institutional Style Flow (60d Flow Trend, Last 1 Year)



Relative Value (Industry)

Value/Growth



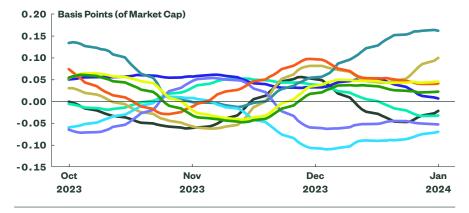
Source: State Street Global Markets, as of 2 January 2024. Holdings are as of the date indicated, are subject to change, and should not be relied upon as current thereafter. This information should not be considered a recommendation to invest in a particular style. It is not known whether the styles shown will be profitable in the future. See Appendix for style definitions.

Figure 7: Institutional Style Flow (20d Flow Trend, Last Quarter)



Value/Growth

Relative Value (Industry)



Source: State Street Global Markets, as of 2 January 2024. Holdings are as of the date indicated, are subject to change, and should not be relied upon as current thereafter. This information should not be considered a recommendation to invest in a particular style. It is not known whether the styles shown will be profitable in the future. See Appendix for style definitions.

Trend Holdings

In addition to the latest investor positioning in each of the significant style dimensions, the historical holdings trend can provide further context on investor sentiment.

The below time series shows the monthly change in investor holdings over the past year. This chart provides expanded context on the trend of investor holdings leading up to the quarter-end positioning (see Figure 5).

Holdings in higher Beta and Relative Quality remain significantly overweight in Q4. Again, this appears to have been driven by the strength of relative performance in high quality stocks, as flows were actually negative.

Positive flows into Small Cap stocks helped the exposure finish the quarter slightly overweight. The underweight styles remained consistent throughout the quarter. Value-based factor exposures (including Dividends) continued to struggle to attract overweight positioning.



Market Beta



Dividend Yield

Idiosyncratic BetaSize (Small Caps)

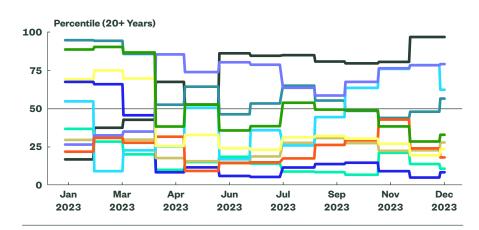
Price Momentum

Relative Quality

Relative Value (History)

Relative Value (Industry)

Value/Growth



Source: State Street Global Markets, as of 2 January 2024. Holdings are as of the date indicated, are subject to change, and should not be relied upon as current thereafter. This information should not be considered a recommendation to invest in a particular style. It is not known whether the styles shown will be profitable in the future. See Appendix for style definitions.

Figure 9: Institutional Style Holdings

(Last Quarter)

	October 2023		November 2023		December 2023		January 2024		
ight	Market Beta	0.79	Market Beta	0.80	Market Beta	0.97	Market Beta	0.97	
Overweight	Relative Quality	0.67	Relative Quality	0.76	Price Momentum	0.78	Relative Quality	0.79	
ŏ	Price Momentum	0.63	Price Momentum	0.76	Relative Quality	0.78	Price Momentum	0.62	
							Size (Small Caps)	0.56	
	Value/Growth	0.49	Size (Small Caps)	0.44	Size (Small Caps)	0.48	Value/Growth	0.33	
,ht	Size (Small Caps)	0.48	Relative Value (History)	0.43	Value/Growth	0.28	Idiosyncratic Beta	0.28	
Weig	Relative Value (Industry)	0.30	Value/Growth	0.38	Relative Value (History)	0.24	Relative Value (Industry)	0.23	
Underweight	Relative Value (History)	0.29	Relative Value (Industry)	0.27	Idiosyncratic Beta	0.22	Relative Value (History)	0.18	
Ď	Idiosyncratic Beta	0.27	Idiosyncratic Beta	0.22	Relative Value (Industry)	0.19	Inflation Exposure	0.10	
	Dividend Yield	0.14	Inflation Exposure	0.21	Inflation Exposure	0.13	Dividend Yield	0.08	
	Inflation Exposure	0.06	Dividend Yield	0.09	Dividend Yield	0.05			

Source: State Street Global Markets, as of 2 January 2024. Holdings are as of the date indicated, are subject to change, and should not be relied upon as current thereafter. This information should not be considered a recommendation to invest in a particular style. It is not known whether the styles shown will be profitable in the future. See Appendix for style definitions.

Factor Performance and Flows

Recent performance of specific factor-driven indices that are tracked by relevant European-listed Smart Beta ETFs and the flows in both European- and US-listed Smart Beta ETF categories by their relevant factor exposure.

Factor Performance

The charts in this section show the relative performance of each index against a single cap-weighted market benchmark in three critical geographic regions: World/Global, USA, and Eurozone/Europe.

Market pulled back in October, before a year-end rally lead by Small Caps Global equities rallied to end 2023, with every style dimension advancing. After a brief market pullback in October, all geographic benchmarks were positive in Q4: MSCI World (+11.4%), S&P 500® (+11.6%), EURO STOXX® (+7.8%), and MSCI Europe (+6.4%).

Small Caps outperformed across all geographic exposures. In US equities, Growth and Value Exposure Select outperformed, with the latter outperforming its binary MSCI Value benchmark by nearly 4%. In European equities, Quality was the only factor exposure which outperformed Small Caps on a relative basis. In global equities, the second strongest performed was Global Dividend Aristocrats (trailing only MSCI World Growth).

Looking Forward Markets are focused on how soon interest rates will begin to come down. Global growth expectations continue to be below trend, but that's a known challenge for investors. As long as economic data can continue to come in relatively resilient, central bankers will consider the latest exercise in interest rate normalisation a success. The market rally in 2023 was narrowly led by the hyper-growth sectors. Despite the impact of higher interest rates, price-to-earnings multiples have continued to expand in growth stocks.

As we look to 2024, market expectations have shifted to an outlook for lower inflation and lower rates. If neither materialises, we could see an increase in short-term volatility. While we remain favourable on US equities, we think the risk of geopolitical shocks or a monetary policy failure could cause a contraction in the growth premium. We continue to favour the opportunities in Value Exposure Select stocks because of the strong momentum behind quality stocks and the cheap valuations of value stocks.

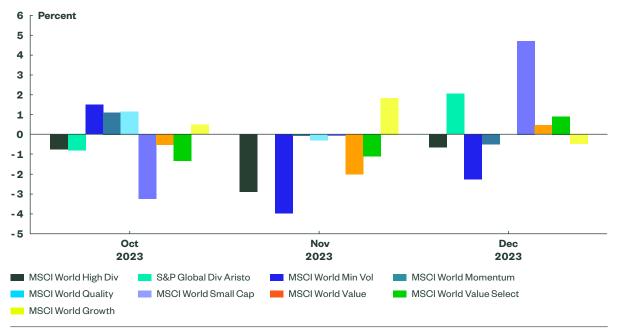
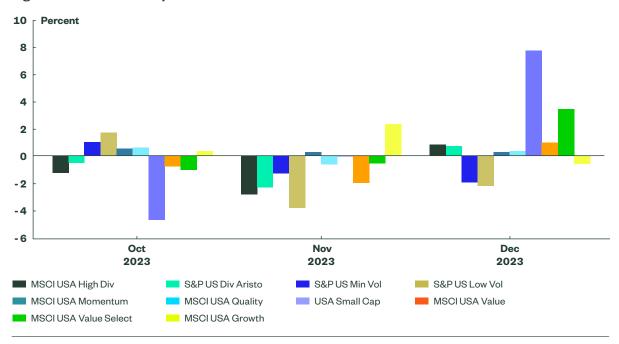


Figure 10: Relative Monthly Performance Versus the MSCI World Index

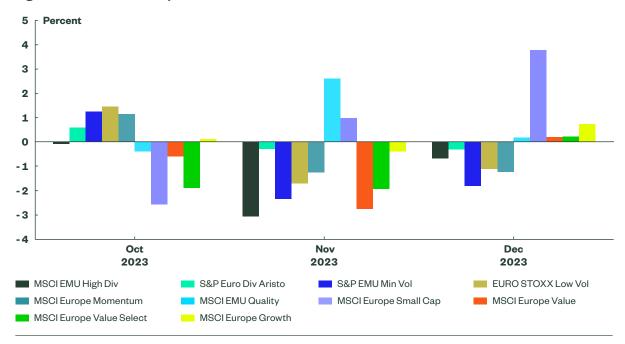
Source: Bloomberg Finance L.P., as of 29 December 2023. **Past performance is not a reliable indicator of future performance.** Index returns are unmanaged and do not reflect the deduction of any fees or expenses. Index returns reflect all items of income, gain and loss and the reinvestment of dividends and other income as applicable. See Appendix for index details.

Figure 11: Relative Monthly Performance Versus the S&P 500 Index



Source: Bloomberg Finance L.P., as of 29 December 2023. **Past performance is not a reliable indicator of future performance.** Index returns are unmanaged and do not reflect the deduction of any fees or expenses. Index returns reflect all items of income, gain and loss and the reinvestment of dividends and other income as applicable. See Appendix for index details.

Figure 12: Relative Monthly Performance Versus the EURO STOXX® Index



Source: Bloomberg Finance L.P., as of 29 December 2023. **Past performance is not a reliable indicator of future performance.** Index returns are unmanaged and do not reflect the deduction of any fees or expenses. Index returns reflect all items of income, gain and loss and the reinvestment of dividends and other income as applicable. See Appendix for index details.

Smart Beta ETF Flows

The figures in this section show the nominal net assets gathered by each category, across all geographic regions, over four relevant time periods. The top two and bottom two factor categories in each time period are highlighted.

ETF flows continued into Small Cap and Quality stocks, with Value split geographically European and US ETF investors continued to take significant steps in positioning their portfolios towards factors that stand to benefit in a recovery stage of a cyclical business cycle — with the exception of value factor ETFs. European investors continued to pull cash from value, while US investors continued to buy. Both regions remain negative on low-volatility ETFs, the least favoured factor. European investors took money out of Quality in December, despite strong inflows in 2023 overall.

Figure 13: European-listed Smart Beta Flows (\$ Millions)

Factor Category	December 2023	Trailing 3 months	2023
Dividend	147	61	-31
Growth	4	89	320
Low Volatility	-482	-1,028	-2,512
Momentum	-40	-146	-727
Multifactor	-170	-165	243
Quality	-123	973	1,328
Size	333	-254	1,426
Value	-746	-1,623	-3,228
Total	-1,077	-2,092	-3,182

Source: Bloomberg Finance L.P., as of 29 December 2023. The top two (green) and bottom two (red) categories are highlighted in each time period. Flows are as of the date indicated and should not be relied upon thereafter.

Figure 14: US-listed Smart Beta Flows (\$ Millions)

Factor Category	December 2023	Trailing 3 months	2023
Dividend	1,825	1,330	4,097
Growth	671	963	2,274
Low Volatility	-1,630	-5,030	-13,593
Momentum	-74	-861	-3,151
Multifactor	640	436	2,842
Quality	965	4,153	22,964
Size	4,939	5,843	16,353
Value	3,948	7,340	15,935
Total	11,284	14,174	47,721

Source: Bloomberg Finance L.P., as of 29 December 2023. The top two (green) and bottom two (red) categories are highlighted in each time period. Flows are as of the date indicated and should not be relied upon thereafter.

SPDR® ETFs Smart Beta Range

Range	ETF	ISIN	AUM (\$mn)	TER	Primary Ticker (Xetra)	London Stock Exchange	SIX (CHF)	Borsa Italiana (€)	Euronext (€)
Dividend Aristocrats	SPDR® S&P® Global Dividend Aristocrats UCITS ETF (Dist)	IEOOB9CQXS71	1,157	0.45	ZPRG	GBDV (£) GLDV (\$)	GLDV	GLDV	
	SPDR® S&P® U.S. Dividend Aristocrats UCITS ETF (Dist)	IEOOB6YX5D40	3,864	0.35	SPYD	USDV (£) UDVD (\$)	USDV	USDV	
	SPDR® S&P® U.S. Dividend Aristocrats EUR Hdg UCITS ETF (Dist)	IE00B979GK47	61	0.40	SPPD		USDE	USDE	
	SPDR® S&P® Euro Dividend Aristocrats UCITS ETF (Dist)	IEOOB5M1WJ87	1,127	0.30	SPYW	EUDV (£) EUDI (€)	EUDV	EUDV	EUDV
	SPDR® S&P® UK Dividend Aristocrats UCITS ETF (Dist)	IE00B6S2Z822	139	0.30	SPYG	UKDV (£)	UKDV		
	SPDR® S&P® Pan Asia Dividend Aristocrats UCITS ETF (Dist)	IEOOB9KNR336	160	0.55	ZPRA	PADV (£) ASDV (\$)	PADV	PADV	
	SPDR® S&P® Emerging Markets Dividend UCITS ETF (Dist)	IEOOB6YX5B26	113	0.55	SPYV	EMDV (£) EDVD (\$)	EMDV	EMDV	
ESG	SPDR® S&P® Global Dividend Aristocrats ESG UCITS ETF (Dist)	IEOOBYTH5S21	17	0.45	ZPD3	GEDV (\$)			GEDV
	SPDR® S&P® U.S. Dividend Aristocrats ESG UCITS ETF (Dist)	IEOOBYTH5R14	31	0.35	ZPD6	UGDV (£) UEDV (\$)		UEDV	UEDV
	SPDR® S&P® Euro Dividend Aristocrats ESG UCITS ETF (Dist)	IEOOBYTH5T38	7	0.30	ZPD9				EEDV
Low Volatility	SPDR® S&P® 500 Low Volatility UCITS ETF (Acc)	IE00B802KR88	153	0.35	SPY1	USLV (£) LOWV (\$)	LOWV	LOWV	LOWV
	SPDR® EURO STOXX® Low Volatility UCITS ETF (Acc)	IEOOBFTWP510	38	0.30	ZPRL		ELOW	ELOW	ELOW
Value	SPDR® MSCI World Value UCITS ETF (Acc)	IEOOBJXRT813	51	0.25		VALW (£) WVAL (\$)			WVAL*
	SPDR® MSCI USA Value UCITS ETF	IEOOBSPLC520	117	0.20	ZPRU	UVAL (£) USVL (\$)	UVAL		
	SPDR® MSCI USA Small Cap Value Weighted UCITS ETF	IEOOBSPLC413	454	0.30	ZPRV	USSC (\$)			
	SPDR® MSCI Europe Value UCITS ETF	IEOOBSPLC306	28	0.20	ZPRW	EVAL (£)	EVAL		
	SPDR® MSCI Europe Small Cap Value Weighted UCITS ETF	IEOOBSPLC298	173	0.30	ZPRX	EUSV (£)			

Source: State Street Global Advisors, as of 2 January 2024. *Primary ticker (if not listed on Xetra).

Standard Performance (%)

Fund/Index Name	1 Month (%)	3 Months (%)	6 Months (%)	Year-to- Date (%)	1 Year (%)	3 Years (%)	5 Years (%)	10 Years (%)	Since Inception (%)
Inception Date 15 May 2013			ı						
SPDR S&P Global Dividend Aristocrats UCITS ETF	6.96	12.66	10.20	6.93	6.93	4.69	4.61	3.84	4.38
S&P Global Dividend Aristocrats Quality Income Index ¹	6.97	12.69	10.26	6.90	6.90	4.75	4.60	3.91	4.45
Difference	-0.01	-0.03	-0.06	0.03	0.03	-0.06	0.01	-0.07	-0.07
Inception Date 14 October 2011									
SPDR S&P US Dividend Aristocrats UCITS ETF	5.19	9.32	3.10	2.02	2.02	8.01	9.41	8.90	10.91
S&P High Yield Dividend Aristocrats Index	5.19	9.29	3.03	1.89	1.89	7.93	9.30	8.84	10.84
Difference	0.00	0.03	0.07	0.13	0.13	0.08	0.11	0.06	0.07
Inception Date 14 June 2019									
SPDR S&P U.S. Dividend Aristocrats EUR Hedge UCITS ETF	4.98	8.66	1.63	-0.99	-0.99	5.42	-	-	4.97
S&P High Yield Dividend Aristocrats EUR Dynamic Hedged Index	5.00	8.63	1.58	-1.03	-1.03	5.47	_	_	4.71
Difference	-0.02	0.03	0.05	0.04	0.04	-0.05	-	_	0.26
Inception Date 28 February 2012									
SPDR S&P Euro Dividend Aristocrats UCITS ETF	2.88	7.75	6.72	18.39	18.39	6.44	5.33	5.12	7.08
S&P Euro High Yield Dividend Aristocrats Index	2.90	7.79	6.74	17.95	17.95	6.01	4.86	4.72	6.71
Difference	-0.02	-0.04	-0.02	0.44	0.44	0.43	0.47	0.40	0.37
Inception Date 28 February 2012									
SPDR S&P UK Dividend Aristocrats UCITS ETF	6.09	8.04	5.18	6.21	6.21	3.58	4.04	1.48	4.09
S&P UK High Yield Dividend Aristocrats Index	6.15	8.18	5.38	6.76	6.76	4.08	4.56	1.97	4.59
Difference	-0.06	-0.14	-0.20	-0.55	-0.55	-0.50	-0.52	-0.49	-0.50
Inception Date 15 May 2013									
SPDR S&P Pan Asia Dividend Aristrocrats UCITS ETF	6.21	8.23	7.72	15.59	15.59	0.08	3.87	4.40	3.75
S&P Pan Asia Dividend Aristocrats Index	6.31	8.45	7.63	15.80	15.80	0.55	4.37	4.96	4.28
Difference	-0.10	-0.22	0.09	-0.21	-0.21	-0.47	-0.50	-0.56	-0.53
Inception Date 14 October 2011									
SPDR S&P Emerging Markets Dividend Aristocrats UCITS ETF	3.79	3.74	0.97	5.96	5.96	-1.69	0.78	-0.24	-0.67
S&P Emerging Markets High Yield Dividend Aristocrats Index ²	3.50	3.46	1.05	6.94	6.94	-0.91	1.56	0.73	0.31
Difference	0.29	0.28	-0.08	-0.98	-0.98	-0.78	-0.78	-0.97	-0.98
Inception Date 3 June 2021									
SPDR S&P Global Dividend Aristocrats ESG UCITS ETF	7.24	12.91	10.05	8.60	8.60	_	-	-	1.98
S&P Global ESG Dividend Aristocrats Quality Income Index	7.26	12.94	10.11	8.66	8.66	_	_	_	2.02
Difference	-0.02	-0.03	-0.06	-0.06	-0.06	_	_	_	-0.04
Inception Date 3 June 2021									
SPDR S&P US Dividend Aristocrats ESG UCITS ETF	6.03	8.20	2.03	1.82	1.82	-	-	-	2.63
S&P ESG High Yield Dividend Aristocrats Index	6.05	8.19	1.98	1.74	1.74	_	_	_	2.55
Difference	-0.02	0.01	0.05	0.08	0.08	_	_	_	0.08

Source: State Street Global Advisors, as of 29 December 2023. The performance figures contained herein are calculated in base currency and provided on a net of fees basis and do reflect the deduction of advisory or other fees. Past performance is not a reliable indicator of future performance. Investment return and principal value will fluctuate, so you may have a gain or loss when shares are sold. Current performance may be higher or lower than that quoted. All results are historical and assume the reinvestment of dividends and capital gains. Visit ssga.com for most recent month-end performance. Index returns are unmanaged and do not reflect the deduction of any fees or expenses. Index returns reflect all items of income, gain and loss and the reinvestment of dividends and other income as applicable.

¹ Index returns reflect the S&P Global Dividend Aristocrats Index prior to 31st January 2020, when the fund changed to tracking current benchmark.

² Index returns reflect the S&P Emerging Markets Dividend Opportunities Index prior to 7th February 2020, when the fund changed to tracking current benchmark.

 $^{^3}$ Index returns reflect the MSCI USA Value Weighted Index prior to 11th July 2018, when the fund changed to tracking current benchmark.

⁴ Index returns reflect the MSCI Europe Value Weighted Index prior to 11th July 2018, when the fund changed to tracking current benchmark.

Standard Performance (%) (cont'd)

Fund/Index Name	1 Month (%)	3 Months (%)	6 Months (%)	Year-to- Date (%)	1 Year (%)	3 Years (%)	5 Years (%)	10 Years (%)	Since Inception (%)
Inception Date 3 June 2021				,					
SPDR S&P Euro Dividend Aristocrats ESG UCITS ETF	3.10	6.93	5.01	16.16	16.16	-	-	-	2.46
S&P Euro ESG High Yield Dividend Aristocrats Index	3.14	7.00	5.08	15.81	15.81	-	-	_	2.23
Difference	-0.04	-0.07	-0.07	0.35	0.35	_	_	-	0.23
Inception Date 3 October 2012				,		,			
SPDR S&P 500 Low Volatility UCITS ETF	2.28	7.16	0.83	0.05	0.05	5.40	7.90	8.40	9.21
S&P 500 Low Volatility Index	2.28	7.15	0.78	-0.06	-0.06	5.37	7.90	8.42	9.22
Difference	0.00	0.01	0.05	0.11	0.11	0.03	0.00	-0.02	-0.01
Inception Date 24 March 2014									
SPDR EURO STOXX Low Volatility UCITS ETF	2.11	6.32	1.75	12.55	12.55	4.23	5.25	-	6.31
EUROSTOXX Low Risk Weighted 100 Index	2.12	6.52	1.89	12.36	12.36	3.98	4.97	_	6.08
Difference	-0.01	-0.20	-0.14	0.19	0.19	0.25	0.28	_	0.23
Inception Date 3 September 2020				,					
SPDR MSCI World Value UCITS ETF	5.75	9.68	9.30	22.66	22.66	9.36	-	-	12.57
MSCI World Value Exposure Select Index	5.82	9.75	9.49	22.79	22.79	9.40	_	_	12.61
Difference	-0.07	-0.07	-0.19	-0.13	-0.13	-0.04	_	_	-0.04
Inception Date 18 February 2015									
SPDR MSCI USA Value UCITS ETF	7.88	13.42	10.15	14.97	14.97	8.15	10.48	-	7.53
MSCI USA Value Exposure Select Index ³	7.91	13.38	10.06	14.75	14.75	7.96	10.28	_	7.38
Difference	-0.03	0.04	0.09	0.22	0.22	0.19	0.20	-	0.15
Inception Date 18 February 2015									
SPDR MSCI Europe Value UCITS ETF	3.39	3.97	4.72	14.28	14.28	11.71	9.50	-	4.66
MSCI Europe Value Exposure Select Index ⁴	3.45	4.02	4.79	13.89	13.89	11.51	9.33	_	4.45
Difference	-0.06	-0.05	-0.07	0.39	0.39	0.20	0.17	-	0.21
Inception Date 18 February 2015				,		,			
SPDR MSCI USA Small Cap Value Weighted UCITS ETF	12.66	15.69	13.17	21.18	21.18	13.79	14.62	-	8.57
MSCI USA Small Cap Value Weighted Index	12.65	15.68	13.16	21.19	21.19	13.88	14.86	_	8.76
Difference	0.01	0.01	0.01	-0.01	-0.01	-0.09	-0.24	-	-0.19
Inception Date 18 February 2015				,					
SPDR MSCI Europe Small Cap Value Weighted UCITS ETF	6.90	9.37	8.51	16.21	16.21	8.53	9.38	-	5.06
MSCI Europe Small Cap Value Weighted Index	7.00	9.47	8.55	16.18	16.18	8.55	9.47	_	5.19
Difference	-0.10	-0.10	-0.04	0.03	0.03	-0.02	-0.09	_	-0.13
Inception Date 25 November 2013									
SPDR MSCI World Small Cap UCITS ETF	9.59	12.26	7.41	15.72	15.72	2.75	9.63	6.63	6.89
MSCI World Small Cap Index	9.62	12.47	7.54	15.76	15.76	2.87	9.76	6.78	7.05
Difference	-0.03	-0.21	-0.13	-0.04	-0.04	-0.12	-0.13	-0.15	-0.16

Source: State Street Global Advisors, as of 29 December 2023. The performance figures contained herein are calculated in base currency and provided on a net of fees basis and do reflect the deduction of advisory or other fees. Past performance is not a reliable indicator of future performance. Investment return and principal value will fluctuate, so you may have a gain or loss when shares are sold. Current performance may be higher or lower than that quoted. All results are historical and assume the reinvestment of dividends and capital gains. Visit ssga.com for most recent month-end performance. Index returns are unmanaged and do not reflect the deduction of any fees or expenses. Index returns reflect all items of income, gain and loss and the reinvestment of dividends and other income as applicable.

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⁴ Index returns reflect the MSCI Europe Value Weighted Index prior to 11th July 2018, when the fund changed to tracking current benchmark.

Standard Performance (%) (cont'd)

Fund/Index Name	1 Month (%)	3 Months (%)	6 Months (%)	Year-to- Date (%)	1 Year (%)	3 Years (%)	5 Years (%)	10 Years (%)	Since Inception (%)
Inception Date 1 July 2014									
SPDR Russell 2000 US Small Cap UCITS ETF	12.14	13.81	7.87	16.27	16.27	1.85	9.52	-	6.82
Russell 2000 Index	12.17	13.89	7.94	16.41	16.41	1.84	9.55	-	6.65
Difference	-0.03	-0.08	-0.07	-0.14	-0.14	0.01	-0.03	-	0.17
Inception Date 31 March 2005			•						
SPDR MSCI Europe Small Cap UCITS ETF	6.97	9.61	6.60	12.86	12.86	2.84	8.35	6.98	7.68
MSCI Europe Small Cap Index	6.98	9.72	6.67	12.74	12.74	2.66	8.26	7.05	7.87
Difference	-0.01	-0.11	-0.07	0.12	0.12	0.18	0.09	-0.07	-0.19
Inception Date 16 May 2011									
SPDR MSCI Emerging Markets Small Cap UCITS ETF	4.00	8.25	11.28	23.14	23.14	6.10	9.34	5.06	3.28
MSCI Emerging Markets Small Cap Index	4.42	8.95	12.14	23.92	23.92	6.46	9.92	5.34	3.49
Difference	-0.42	-0.70	-0.86	-0.78	-0.78	-0.36	-0.58	-0.28	-0.21

Source: State Street Global Advisors, as of 29 December 2023. The performance figures contained herein are calculated in base currency and provided on a net of fees basis and do reflect the deduction of advisory or other fees. Past performance is not a reliable indicator of future performance. Investment return and principal value will fluctuate, so you may have a gain or loss when shares are sold. Current performance may be higher or lower than that quoted. All results are historical and assume the reinvestment of dividends and capital gains. Visit ssga.com for most recent month-end performance. Index returns are unmanaged and do not reflect the deduction of any fees or expenses. Index returns reflect all items of income, gain and loss and the reinvestment of dividends and other income as applicable.

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⁴ Index returns reflect the MSCI Europe Value Weighted Index prior to 11th July 2018, when the fund changed to tracking current benchmark.

Contributors

Ryan Reardon, Senior ETF Strategist

Methodologies

Style This document generally uses the term Style to refer to categorical stock characteristics which can be measured (see Style Definitions).

Factor This document generally uses the term Factor to refer to specific categorical stock characteristics which have been studied extensively in academia for having the potential to explain portfolio returns such as value, quality, size, momentum, volatility and dividend yield.

Smart Beta This document generally uses the term *Smart Beta* to refer to indexing strategies which are non-market capitalisation (Beta) weighted.

Institutional Style Positioning As part of State Street, we have access to information gleaned from our large global custody business. By aggregating \$18.2 trillion of equity assets, we can observe behavioural trends of this important investor constituent.² This includes not only the direction of flows, but also the relative positioning of portfolios. These metrics are generated from regression analysis based on aggregated and anonymous flow data in order to better capture investor preference and to ensure the safeguarding of client confidentiality.

Institutional Holdings Trend Measure investors' actual positions over and above the neutral positions embedded in their benchmarks. The figures are shown as percentiles and represent the investor holdings at month-end versus the last 20+ years (data since March 1998). This approach provides perspective on the size of holdings compared with their historical trends, whereas a single, dollar figure provides less context; 100% represents the largest holding whilst 0% is the lowest holding.

Active Flows Trend Indicates the value of net buying by large institutional investors (buys minus sells) expressed in terms of basis points of market capitalisation. These are flows in addition to the purchases or sales driven by shareholders allocating to the benchmark.

Style Definitions The table below explains the methodology behind each style dimension.

Market Beta	Regression coefficient in Capital Asset Pricing Model ("CAPM")
Inflation Exposure	Correlation between stock return and implied Consumer Price Index ("CPI")
Dividend Yield	Dividend Yield
Idiosyncratic Volatility (referenced as Idiosyncratic Beta)	Standard deviation of residuals in Capital Asset Pricing Model ("CAPM")
Size (Small Caps)	(Inverse) Market capitalisation
Price Momentum	9-month price return
Relative Efficiency (referenced as Relative Quality)	Return-on-equity minus industry median return-on-equity
Relative Value (History)	Book-to-market of stock vs. average historical book-to-market
Relative Value (Industry)	Book-to-market of stock vs. industry median book-to-market
Value/Growth	Book-to-market

Methodologies (cont'd)

Index Definitions The table below details the indexes used in this document.

MSCI World Index	MSCI World Net Total Return USD Index
STOXX Global 1800 Index	STOXX Global 1800 Index USD
MSCI World High Div	MSCI World High Dividend Yield Net Total Return Index
S&P Global Div Aristo	S&P Global Dividend Aristocrats Quality Income Index (USD) NTR
MSCI World Min Vol	MSCI World Minimum Volatility Net Total Return USD Index
MSCI World Momentum	MSCI World Momentum Net Total Return USD Index
MSCI World Quality	MSCI World Quality Net Total Return USD Index
MSCI World Small Cap	MSCI World Small Cap Net Total Return USD Index
MSCI World Value	MSCI World Value Net Total Return USD Index
MSCI World Value Select	MSCI World Value Exposure Select Net Return USD Index
MSCI World Growth	MSCI World Growth Net Total Return USD Index
S&P 500 Index	S&P 500 Net Total Return Index
MSCI USA Index	MSCI USA Net Total Return USD Index
MSCI USA High Div	MSCI USA High Dividend Yield Net Total Return USD Index
S&P US Div Aristo	S&P High Yield Dividend Aristocrats Net Total Return Index
S&P US Min Vol	S&P 500 Minimum Volatility Net Total Return Index
S&P US Low Vol	S&P 500 Low Vol Net Total Return Index
MSCI USA Momentum	MSCI USA Momentum USD Net Total Return Total Return Index
MSCI USA Quality	MSCI USA Quality Net Total Return USD Index
US Small Cap	Russell 2000 Net 30% Return
MSCI USA Value	MSCI USA Value Net Total Return USD Index
MSCI USA Value Select	MSCI USA Value Exposure Select Net Return USD Index
MSCI USA Growth	MSCI USA Growth Net Total Return USD Index
EURO STOXX Index	EURO STOXX Net Return EUR
MSCI Europe Index	MSCI Europe Net Total Return EUR Index
MSCI EMU High Div	MSCI EMU High Dividend Yield Net Total Return Local Index
S&P Euro Div Aristo	S&P Euro HIGH YIELD Dividend Aristocrats Net Total Return
MSCI EMU Min Vol	MSCI EMU Minimum Volatility Optimized In EUR Net Total Return Local Index
EURO STOXX Low Vol	EURO STOXX Low Risk Weighted 100 Index
MSCI Europe Momentum	MSCI EUROPE MOMENTUM Net EUR Index
MSCI EMU Quality	MSCI EMU Quality Net Return EUR Index
MSCI Europe Small Cap	MSCI Europe Small Cap Net Return EUR Index
MSCI Europe Value	MSCI Europe Value Net Total Return EUR Index
MSCI Europe Value Select	MSCI Europe Value Exposure Select Net Return EUR Index
MSCI Europe Growth	MSCI Europe Growth Net Return EUR Index
	·

Endnotes

- $\begin{array}{ll} 1 & \text{CME FedWatchTool, as of 16 January 2024. Target rate probabilities for 18 December 2024 Fed meeting are 1.4\% (300-325 \, bps),} \\ & 12.5\% (325-350 \, bps), 37.3\% (350-375 \, bps), 34.5\% (375-400 \, bps), 12.6\% (400-425 \, bps) \, and 1.7\% (425-450 \, bps).} \end{array}$
- 2 State Street, as of 31 December 2023.

Annual Performance — as of 29 December 2023

	2023	2022	2021	2020	2019 (%)	2018	2017	2016 (%)	2015	2014	2013	2012
Global & World	37.00	-4.74	25.66	33.72	36.08	-2.03	32.09	13.82	5.16	12.37	32.38	17.49
Factors	32.39	-6.52	22.09	28.17	33.68	-2.34	28.01	12.67	4.06	11.37	30.86	16.07
	24.96	-6.84	21.94	22.14	29.71	-2.76	25.96	12.30	3.71	8.45	29.66	15.78
	23.79	-9.54	21.82	17.89	27.67	-5.50	24.63	9.26	3.11	7.28	28.62	15.51
	22.79	-9.79	21.18	15.91	27.67	-6.74	22.69	8.76	2.64	6.55	27.06	15.46
	15.76	-10.65	19.32	15.86	26.19	-7.56	22.66	8.75	1.09	6.48	26.73	14.91
	11.75	-17.79	16.99	2.61	23.17	-7.59	22.40	7.49	-0.31	6.14	26.68	14.04
	11.51	-18.14	15.83	0.52	23.15	-7.61	19.58	7.45	-0.87	4.94	26.62	13.01
	9.13	-18.76	15.75	-0.03	23.06	-8.71	18.14	6.08	-2.63	3.69	21.91	12.21
	7.42	-19.56	15.41	-0.36	22.90	-10.78	17.32	4.54	-3.20	3.19	19.76	11.20
	6.90	-22.21	14.64	-1.16	21.75	-13.86	17.10	4.18	-3.95	2.48	18.61	9.45
	2.39	-29.21	14.26	-11.03	20.31	-14.52	15.99	2.79	-4.82	1.90	18.40	8.03
	2011 (%)	2010 (%)	2009	2008 (%)	2007 (%)	2006	2005 (%)	2004	2003	2002	2001	2000
Global & World	7.29	26.13	49.25	-22.34	19.43	32.55	27.81	24.23	57.78	-3.38	0.83	1.29
Factors (cont'd)	6.53	18.91	44.12	-29.61	16.22	32.55	16.54	22.93	45.26	-10.14	-1.28	0.93
	4.21	16.11	36.94	-33.76	14.76	27.92	15.71	22.53	38.13	-10.43	-8.58	0.74
	3.89	14.50	33.27	-40.12	11.27	25.25	11.44	22.39	33.11	-13.01	-10.53	0.10
	3.84	12.03	32.56	-40.30	9.04	25.08	9.55	20.79	32.39	-14.80	-12.40	-10.41
	1.98	11.76	32.48	-40.50	7.40	20.49	9.49	19.96	30.92	-16.01	-14.93	-13.14
	-5.49	10.75	29.99	-40.63	7.21	20.07	9.41	19.07	29.49	-16.83	-16.82	-14.29
	-5.54	10.70	26.84	-41.04	6.53	18.74	8.21	18.45	28.08	-19.89	-18.29	-18.98
	-5.62	9.51	26.68	-41.79	5.52	18.34	7.70	14.68	27.91	-19.90	-19.38	-25.60
	-8.03	9.02	16.43	-41.83	3.40	17.20	7.67	13.39	25.41	-19.94	-20.87	
	-8.76	8.80	14.21	-42.00	2.97	16.21	5.56	12.13	25.18	-20.70		
	-9.06	6.29	13.52	-42.89	0.79	15.15	5.49	10.87	21.41			
High Di Value S Momen	Select		■ N	lin Vol ISCI World luality	Index	S	ow Vol Small Cap Growth			Value STX Gle Div Aris	obal Index sto	

Source: Bloomberg Finance L.P., as of 29 December 2023. **Past performance is not a reliable indicator of future performance.** The performance figures contained herein are provided on a gross of fees basis and do not reflect the deduction of advisory or other fees which could reduce the return.

Annual Performance — as of 29 December 2023 (cont'd)

	2023	2022	2021	2020	2019 (%)	2018	2017	2016	2015 (%)	2014	2013	2012
USA Factors	46.47	-1.08	28.83	42.61	38.44	-0.46	37.24	20.71	8.70	16.55	41.11	16.68
	35.70	-4.60	28.16	29.09	37.31	-2.02	28.27	19.58	6.47	16.00	38.29	15.80
	26.49	-5.32	27.14	22.26	31.48	-2.32	25.32	15.79	4.19	14.41	34.03	15.29
	25.67	-6.96	26.45	20.66	30.88	-3.12	21.19	15.71	4.17	14.25	32.76	15.17
	16.41	-11.15	26.29	19.44	30.70	-3.23	21.10	13.15	3.56	13.95	32.27	14.89
	14.75	-14.90	26.08	17.70	27.44	-3.25	20.14	11.19	0.75	13.34	31.79	14.26
	9.64	-17.87	24.74	7.92	27.27	-4.94	18.45	10.86	0.69	12.99	31.55	13.92
	8.98	-18.51	23.74	2.01	27.06	-5.04	16.60	9.53	-1.24	12.69	31.22	13.37
	8.35	-19.85	23.63	1.01	25.00	-5.50	16.41	7.33	-2.82	11.36	29.51	13.23
	5.83	-20.76	20.86	0.62	24.61	-7.96	15.41	6.06	-3.25	11.25	27.14	10.67
	1.89	-22.97	14.49	0.05	22.80	-11.35	14.42	4.62	-4.79	4.50	22.47	9.18
	-0.06	-32.08	12.64	-1.77	21.26	-12.16	14.21					
	2011 (%)	2010	2009	2008	2007 (%)	2006	2005 (%)	2004	2003	2002	2001	2000
USA Factors (cont'd)	13.60	26.40	36.13	-22.02	17.35	21.49	18.79	20.61	46.69	-6.06	16.81	21.68
	9.34	17.76	31.03	-24.05	11.30	20.96	12.64	17.88	32.34	-12.63	1.92	8.74
	7.72	16.10	30.26	-28.63	10.05	18.72	5.14	16.63	30.85	-12.71	-1.01	8.00
	6.45	15.44	26.58	-30.57	5.67	18.30	5.12	16.35	28.41	-18.52	-9.76	2.27
	5.48	14.78	26.25	-34.02	5.44	17.96	5.12	16.01	28.37	-19.83	-12.22	-9.40
	1.97	14.77	25.55	-34.72	4.90	16.77	4.88	14.26	27.99	-22.48	-12.23	-9.62
	1.47	14.37	18.10	-35.97	1.66	15.14	4.33	13.63	25.64	-23.01	-12.39	-9.66
	1.36	13.46	17.30	-37.37	-0.25	14.67	4.18	10.18	24.46	-23.09	-13.59	-12.81
	0.86	13.16	17.11	-37.49	-0.33	11.44	2.64	10.11	24.40	-23.30	-17.62	-27.05
	0.64	12.28	16.91	-39.14	-1.92	10.39	2.01	9.61	21.74			
	-4.55	11.92	9.62	-41.04	-7.26	8.60	1.33	6.55	19.56			
High Div	elect			lin Vol ISCI USA li uality	ndex	<u> </u>	ow Vol Small Cap Growth			Value S&P 50 Div Aris	00 Index sto	

Source: Bloomberg Finance L.P., as of 29 December 2023. **Past performance is not a reliable indicator of future performance.** The performance figures contained herein are provided on a gross of fees basis and do not reflect the deduction of advisory or other fees which could reduce the return.

Annual Performance — as of 29 December 2023 (cont'd)

	2023	2022	2021	2020	2019	2018 (%)	2017	2016 (%)	2015 (%)	2014	2013 (%)	2012
Europe & Eurozone	20.02	-1.08	28.17	11.06	32.42	-4.29	19.03	9.43	23.53	10.93	33.41	26.90
Factors	18.55	-5.04	28.05	5.86	31.44	-5.28	15.33	8.44	17.00	10.70	26.35	21.39
	17.97	-6.69	26.29	5.78	30.80	-7.86	13.63	7.39	15.85	10.13	23.74	20.86
	16.53	-9.49	25.13	4.57	30.04	-8.03	12.55	6.72	15.47	9.57	23.45	19.28
	16.14	-11.86	23.83	0.25	26.11	-9.52	12.39	4.14	14.48	8.04	21.43	18.56
	15.83	-12.31	22.67	-3.31	26.05	-9.69	12.34	3.93	13.85	6.84	21.35	17.83
	15.60	-15.03	22.40	-3.86	23.62	-10.52	11.07	3.13	11.29	6.47	20.49	17.24
	13.89	-15.28	21.82	-5.53	22.90	-10.57	10.24	2.57	10.33	5.87	20.23	16.38
	13.40	-16.21	18.41	-6.17	21.57	-11.64	10.03	1.71	8.23	5.59	19.82	15.49
	12.74	-17.66	17.74	-8.31	20.01	-12.72	8.26	1.42	5.67	4.14	19.71	13.95
	12.56	-19.95	16.43	-12.42	19.80	-14.07	7.96	0.86	0.65	1.48	18.19	8.09
	12.35	-22.50	14.59	-12.87	19.56	-15.86	7.71	-2.18				
						· ·					· ·	
	2011 (%)	2010 (%)	2009 (%)	2008 (%)	2007 (%)	2006	2005 (%)	2004	2003	2002 (%)	2001 (%)	2000
Europe & Eurozone	-0.38	29.91	59.50	-34.84	16.44	29.92	37.04	28.50	34.28	-14.88	-0.41	8.53
Factors (cont'd)	-4.99	24.70	33.45	-37.76	7.82	28.41	32.96	25.68	30.66	-21.22	-5.49	5.95
	-5.04	18.02	31.60	-40.67	7.28	26.08	29.69	24.09	20.77	-22.46	-9.85	-2.19
	-6.72	13.92	31.10	-43.56	4.27	25.55	29.37	23.38	19.69	-25.44	-11.38	-4.89
	-8.08	11.10	30.85	-43.92	4.02	23.90	27.26	23.08	16.39	-25.71	-15.54	-10.97
	-9.45	10.51	29.97	-44.52	2.69	23.66	26.09	18.29	15.27	-26.36	-18.62	-15.33
	-10.49	7.29	29.69	-45.10	2.25	23.02	25.84	12.27	12.59	-30.74	-20.06	
	-12.17	4.13	27.62	-46.40	1.16	19.61	23.89	12.14	9.67	-30.89		
	-15.22	2.69	23.61	-46.43	-0.28	16.90	21.76	8.53	9.30	-33.37		
	-16.15	1.89	21.92	-47.30	-7.51							
	-17.45	-3.85	20.61	-51.77								
_	Dividend						ex					

Source: Bloomberg Finance L.P., as of 29 December 2023. **Past performance is not a reliable indicator of future performance.** The performance figures contained herein are provided on a gross of fees basis and do not reflect the deduction of advisory or other fees which could reduce the return.

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^{*} Pensions & Investments Research Center, as of December 31, 2022.

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