

Shareholders' Rights Directive II – Portfolio Turnover Rate

Based on the second shareholders' rights directive (SRD II) asset managers have to disclose certain information. As part of fund specific disclosure, this document contains portfolio turnover rates (PTORs) for the same period as the annual reports of the funds listed on this website. DWS has taken a consistent PTOR computation methodology across all our solutions.

Turnover numbers are calculated using the following method taken from the CBI:

$$\text{Turnover} = ((\text{Total 1} - \text{Total 2}) / \text{M}) * 100$$

Where: Total 1 = Sum of all security transactions (purchases and sales) made during the period;

Total 2 = Sum of all creations and redemptions made during the period; M = Average Net Assets of the fund

Due to the formula used by the CBI in calculating PTOR for Exchange Traded Funds (ETFs), in particular, the method for accounting for creations/redemptions of fund shares, turnover numbers may appear inflated or negative. Please note all transaction costs associated with these creations / redemptions will be externalized to the transacting investor and no costs will be borne by existing holders within the ETF. This calculation may also yield negative values in instances where creations / redemptions during the period exceed Transactions made within the fund.

Sub-Fund name*	Turnover Rate
Xtrackers EUR Credit 12.5 Swap UCITS ETF	2691,57%
Xtrackers MSCI GCC Select Swap UCITS ETF	2570,69%
Xtrackers Portfolio Income UCITS ETF	321,20%
Xtrackers Artificial Intelligence and Big Data UCITS ETF	183,85%
Xtrackers Emerging Markets Net Zero Pathway Paris Aligned UCITS ETF	1,40%
Xtrackers EMU Net Zero Pathway Paris Aligned UCITS ETF	18,65%
Xtrackers ESG EUR High Yield Corporate Bond UCITS ETF	45,40%
Xtrackers USD Corporate Bond Short Duration SRI PAB UCITS ETF	175,13%
Xtrackers USD Corporate Bond SRI PAB UCITS ETF	66,78%
Xtrackers ESG USD Emerging Markets Bond Quality Weighted UCITS ETF	51,84%
Xtrackers ESG USD High Yield Corporate Bond UCITS ETF	37,83%
Xtrackers EUR Corporate Green Bond UCITS ETF	100,55%
Xtrackers Europe Net Zero Pathway Paris Aligned UCITS ETF	2,05%
Xtrackers FTSE Developed Europe ex UK Real Estate UCITS ETF	39,05%
Xtrackers Future Mobility UCITS ETF	161,65%
Xtrackers iBoxx EUR Corporate Bond Yield Plus UCITS ETF	104,34%
Xtrackers India Government Bond UCITS ETF	19,03%
Xtrackers Japan Net Zero Pathway Paris Aligned UCITS ETF	0,69%
Xtrackers MDAX ESG Screened UCITS ETF	116,94%
Xtrackers MSCI AC World ESG Screened UCITS ETF	17,32%
Xtrackers MSCI Emerging Markets ESG Screened UCITS ETF	206,83%
Xtrackers MSCI Emerging Markets ESG UCITS ETF	111,83%
Xtrackers MSCI Emerging Markets UCITS ETF	26,05%
Xtrackers MSCI EMU ESG Screened UCITS ETF	18,95%
Xtrackers MSCI EMU ESG UCITS ETF	42,94%
Xtrackers MSCI Europe Consumer Discretionary ESG Screened UCITS ETF	31,85%

Sub-Fund name*	Turnover Rate
Xtrackers MSCI Europe ESG UCITS ETF	55,21%
Xtrackers MSCI Fintech Innovation UCITS ETF	31,16%
Xtrackers MSCI Genomic Healthcare Innovation UCITS ETF	46,56%
Xtrackers MSCI Global SDG 11 Sustainable Cities UCITS ETF	-0,01%
Xtrackers MSCI Global SDG 12 Circular Economy UCITS ETF	0,06%
Xtrackers MSCI Global SDG 9 Industry, Innovation & Infrastructure UCITS ETF	-0,10%
Xtrackers MSCI Innovation UCITS ETF	41,17%
Xtrackers MSCI Japan ESG Screened UCITS ETF	-10,85%
Xtrackers MSCI Japan ESG UCITS ETF	71,01%
Xtrackers MSCI Next Generation Internet Innovation UCITS ETF	25,96%
Xtrackers MSCI Nordic UCITS ETF	28,86%
Xtrackers MSCI North America High Dividend Yield UCITS ETF	42,08%
Xtrackers MSCI USA Banks UCITS ETF	15,47%
Xtrackers MSCI USA Communication Services UCITS ETF	21,47%
Xtrackers MSCI USA Consumer Discretionary UCITS ETF	5,10%
Xtrackers MSCI USA Consumer Staples UCITS ETF	8,74%
Xtrackers MSCI USA Energy UCITS ETF	28,81%
Xtrackers MSCI USA ESG Screened UCITS ETF	12,09%
Xtrackers MSCI USA ESG UCITS ETF	40,32%
Xtrackers MSCI USA Financials UCITS ETF	16,24%
Xtrackers MSCI USA Health Care UCITS ETF	7,35%
Xtrackers MSCI USA Industrials UCITS ETF	17,37%
Xtrackers MSCI USA Information Technology UCITS ETF	12,03%
Xtrackers MSCI USA Minimum Volatility UCITS ETF	46,22%
Xtrackers MSCI USA UCITS ETF	2,24%
Xtrackers MSCI World Communication Services UCITS ETF	19,32%
Xtrackers MSCI World Consumer Discretionary UCITS ETF	8,37%
Xtrackers MSCI World Consumer Staples UCITS ETF	9,42%
Xtrackers MSCI World Energy UCITS ETF	32,83%
Xtrackers MSCI World ESG Screened UCITS ETF	22,89%
Xtrackers MSCI World ESG UCITS ETF	26,21%
Xtrackers MSCI World Financials UCITS ETF	14,65%
Xtrackers MSCI World Health Care UCITS ETF	10,57%
Xtrackers MSCI World Industrials UCITS ETF	17,01%
Xtrackers MSCI World Information Technology UCITS ETF	6,78%
Xtrackers MSCI World Materials UCITS ETF	25,78%
Xtrackers MSCI World Minimum Volatility UCITS ETF	42,30%
Xtrackers MSCI World Momentum UCITS ETF	227,67%
Xtrackers MSCI World Quality UCITS ETF	91,35%
Xtrackers MSCI World UCITS ETF	6,81%
Xtrackers MSCI World Utilities UCITS ETF	6,53%
Xtrackers MSCI World Value UCITS ETF	45,09%
Xtrackers NASDAQ 100 UCITS ETF	21,17%

Sub-Fund name*	Turnover Rate
Xtrackers Russell 2000 UCITS ETF	50,80%
Xtrackers S&P 500 Equal Weight ESG UCITS ETF	13,22%
Xtrackers S&P 500 Equal Weight UCITS ETF	50,86%
Xtrackers S&P 500 ESG UCITS ETF	0,36%
Xtrackers S&P 500 UCITS ETF	35,09%
Xtrackers S&P Europe ex UK UCITS ETF	13,35%
Xtrackers US Treasuries Ultrashort Bond UCITS ETF	367,98%
Xtrackers USA Net Zero Pathway Paris Aligned UCITS ETF	1,77%
Xtrackers USD Corporate Bond UCITS ETF	4,15%
Xtrackers USD Corporate Green Bond UCITS ETF	34,46%
Xtrackers USD High Yield Corporate Bond UCITS ETF	60,62%
Xtrackers World Net Zero Pathway Paris Aligned UCITS ETF	16,48%

* Sub-Fund names are as at 31 December 2022.

The aforementioned Sub-Funds may not be registered for public offering in all jurisdictions.