

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 CSSF:

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

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 CSSF 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 Bloomberg Commodity ex-Agriculture & Livestock Swap UCITS ETF	1119,82%
Xtrackers MSCI JAPAN UCITS ETF	-2,51%
Xtrackers MSCI World Swap UCITS ETF	1069,42%
Xtrackers MSCI USA Swap UCITS ETF	1247,31%
Xtrackers MSCI Emerging Markets Swap UCITS ETF	1219,55%
Xtrackers MSCI EM Asia ESG Screened Swap UCITS ETF	1534,73%
Xtrackers MSCI EM Latin America ESG Swap UCITS ETF	1507,41%
Xtrackers MSCI EM Europe, Middle East & Africa ESG Swap UCITS ETF	2013,74%
Xtrackers Nifty 50 Swap UCITS ETF	951,38%
Xtrackers Stoxx Global Select Dividend 100 Swap UCITS ETF	1588,19%
Xtrackers ShortDAX Daily Swap UCITS ETF	1171,87%
Xtrackers Euro Stoxx 50 Short Daily Swap UCITS ETF	482,53%
Xtrackers DAX ESG Screened UCITS ETF	45,85%
Xtrackers MSCI EMU UCITS ETF	36,60%
Xtrackers Nikkei 225 UCITS ETF	-0,75%
Xtrackers FTSE 100 UCITS ETF	13,26%
Xtrackers Harvest FTSE China A-H 50 UCITS ETF	37,75%
Xtrackers Harvest CSI300 UCITS ETF	14,94%
Xtrackers MSCI Europe Materials ESG Screened UCITS ETF	159,94%
Xtrackers MSCI Europe Financials ESG Screened UCITS ETF	153,74%
Xtrackers MSCI Europe Health Care ESG Screened UCITS ETF	55,31%
Xtrackers MSCI Europe Information Technology ESG Screened UCITS ETF	111,73%
Xtrackers MSCI Europe Communication Services ESG Screened UCITS ETF	145,20%
Xtrackers MSCI Europe Utilities ESG Screened UCITS ETF	31,97%
Xtrackers MSCI Europe Consumer Staples ESG Screened UCITS ETF	142,86%
Xtrackers MSCI Europe Industrials ESG Screened UCITS ETF	17,45%
Xtrackers MSCI China A ESG Screened Swap UCITS ETF	2008,94%
Xtrackers MSCI Europe UCITS ETF	19,24%

Sub-fund name*	Turnover Rate
Xtrackers Euro Stoxx 50 UCITS ETF	8,54%
Xtrackers DAX UCITS ETF	37,12%
Xtrackers FTSE MIB UCITS ETF	19,70%
Xtrackers Switzerland UCITS ETF	8,33%
Xtrackers FTSE 100 Income UCITS ETF	9,78%
Xtrackers FTSE 250 UCITS ETF	43,51%
Xtrackers MSCI UK ESG UCITS ETF	57,72%
Xtrackers MSCI Taiwan UCITS ETF	14,24%
Xtrackers MSCI Brazil UCITS ETF	25,13%
Xtrackers MSCI Korea UCITS ETF	23,06%
Xtrackers FTSE China 50 UCITS ETF	52,92%
Xtrackers EURO STOXX QUALITY DIVIDEND UCITS ETF	172,81%
Xtrackers MSCI China UCITS ETF	8,58%
Xtrackers MSCI Malaysia UCITS ETF	17,15%
Xtrackers MSCI Thailand UCITS ETF	22,66%
Xtrackers MSCI Philippines UCITS ETF	27,18%
Xtrackers MSCI Pacific ex Japan ESG Screened UCITS ETF	39,74%
Xtrackers S&P ASX 200 UCITS ETF	22,41%
Xtrackers Stoxx Europe 600 UCITS ETF	42,45%
Xtrackers CAC 40 UCITS ETF	11,63%
Xtrackers MSCI Europe ESG Screened UCITS ETF	42,74%
Xtrackers MSCI Europe Small Cap UCITS ETF	56,98%
Xtrackers MSCI Mexico UCITS ETF	55,16%
Xtrackers FTSE Developed Europe Real Estate UCITS ETF	29,55%
Xtrackers Spain UCITS ETF	75,64%
Xtrackers ATX UCITS ETF	37,07%
Xtrackers MSCI SINGAPORE UCITS ETF	12,02%
Xtrackers SLI UCITS ETF	53,74%
Xtrackers MSCI Europe Value UCITS ETF	31,74%
Xtrackers MSCI Canada ESG Screened UCITS ETF	30,40%
Xtrackers Portfolio UCITS ETF	107,45%
Xtrackers Bloomberg Commodity Swap UCITS ETF	1538,69%
Xtrackers MSCI India Swap UCITS ETF	916,66%
Xtrackers MSCI Africa Top 50 Swap UCITS ETF	554,72%
Xtrackers FTSE 100 Short Daily Swap UCITS ETF	1338,46%
Xtrackers S&P 500 Inverse Daily Swap UCITS ETF	943,45%
Xtrackers MSCI Indonesia Swap UCITS ETF	906,66%
Xtrackers MSCI AC Asia ex Japan ESG Swap UCITS ETF	1725,05%
Xtrackers FTSE Vietnam Swap UCITS ETF	1134,03%
Xtrackers LPX Private Equity Swap UCITS ETF	581,72%
Xtrackers S&P Global Infrastructure Swap UCITS ETF	648,70%
Xtrackers S&P Select Frontier Swap UCITS ETF	478,08%
Xtrackers S&P 500 2x Leveraged Daily Swap UCITS ETF	507,91%
Xtrackers LevDAX Daily Swap UCITS ETF	843,04%
Xtrackers ShortDAX x2 Daily Swap UCITS ETF	912,96%
Xtrackers S&P 500 2x Inverse Daily Swap UCITS ETF	994,02%
Xtrackers CSI300 Swap UCITS ETF	1226,11%
Xtrackers S&P 500 Swap UCITS ETF	1028,32%
Xtrackers MSCI Pakistan Swap UCITS ETF	1936,12%

Sub-fund name*	Turnover Rate
Xtrackers HARVEST MSCI CHINA TECH 100 UCITS ETF	60,26%
Xtrackers II EUR Corporate Bond Short Duration SRI PAB UCITS ETF	132,74%
Xtrackers II EUR Overnight Rate Swap UCITS ETF	1318,73%
Xtrackers II iTraxx Crossover Short Daily Swap UCITS ETF	1608,14%
Xtrackers II Eurozone Government Bond Short Daily Swap UCITS ETF	766,44%
Xtrackers II iBoxx Germany Covered Bond Swap UCITS ETF	566,80%
Xtrackers II USD Overnight Rate Swap UCITS ETF	1112,88%
Xtrackers II GBP Overnight Rate Swap UCITS ETF	938,95%
Xtrackers II EUR High Yield Corporate Bond 1-3 Swap UCITS ETF	2143,14%
Xtrackers II Harvest China Government Bond UCITS ETF	97,68%
Xtrackers II US Treasuries UCITS ETF	39,53%
Xtrackers II US Treasuries 1-3 UCITS ETF	249,16%
Xtrackers II EUR Corporate Bond UCITS ETF	129,73%
Xtrackers II EUR Corporate Bond SRI PAB UCITS ETF	119,62%
Xtrackers II Eurozone Government Bond UCITS ETF	53,25%
Xtrackers II Eurozone Government Bond 1-3 UCITS ETF	181,17%
Xtrackers II Eurozone Government Bond 3-5 UCITS ETF	171,25%
Xtrackers II Eurozone Government Bond 5-7 UCITS ETF	237,60%
Xtrackers II Eurozone Government Bond 7-10 UCITS ETF	130,38%
Xtrackers II Eurozone Government Bond 15-30 UCITS ETF	96,63%
Xtrackers II Eurozone Government Bond 25+ UCITS ETF	169,83%
Xtrackers II Eurozone Inflation-Linked Bond UCITS ETF	54,32%
Xtrackers II iBoxx Eurozone Government Bond Yield Plus 1-3 UCITS ETF	108,30%
Xtrackers II iBoxx Eurozone Government Bond Yield Plus UCITS ETF	86,33%
Xtrackers II EUR High Yield Corporate Bond UCITS ETF	77,20%
Xtrackers II USD Emerging Markets Bond UCITS ETF	68,06%
Xtrackers II Global Inflation-Linked Bond UCITS ETF	25,66%
Xtrackers II Global Government Bond UCITS ETF	49,69%
Xtrackers II Australia Government Bond UCITS ETF	42,12%
Xtrackers II Singapore Government Bond UCITS ETF	49,61%
Xtrackers II Japan Government Bond UCITS ETF	54,27%
Xtrackers II Germany Government Bond UCITS ETF	-15,76%
Xtrackers II Germany Government Bond 1-3 UCITS ETF	212,74%
Xtrackers II Eurozone Government Bond ESG Tilted UCITS ETF	95,65%
Xtrackers II Eurozone Government Green Bond UCITS ETF	158,46%
Xtrackers II TIPS US Inflation-Linked Bond UCITS ETF	54,23%
Xtrackers II ESG Global Aggregate Bond UCITS ETF	31,61%
Xtrackers II ESG Eurozone Government Bond UCITS ETF	91,88%
Xtrackers II ESG Global Government Bond UCITS ETF	24,17%
Xtrackers II Eurozone AAA Government Bond Swap UCITS ETF	162,69%
Xtrackers II Italy Government Bond 0-1 Swap UCITS ETF	921,55%
Xtrackers II EUR Covered Bond Swap UCITS ETF	434,59%
Xtrackers II J.P. Morgan EM Local Government Bond UCITS ETF	30,74%
Xtrackers II Eurozone Government Bond 0-1 UCITS ETF	131,48%
Xtrackers II iBoxx Eurozone Government Bond Yield Plus 0-1 UCITS ETF	157,44%
Xtrackers II Germany Government Bond 0-1 UCITS ETF	77,54%
Xtrackers II Target Maturity Sept 2027 EUR Corporate Bond UCITS ETF	3,02%
Xtrackers II Target Maturity Sept 2029 EUR Corporate Bond UCITS ETF	3,05%
Xtrackers II Target Maturity Sept 2031 EUR Corporate Bond UCITS ETF	7,61%

Sub-fund name*	Turnover Rate
Xtrackers II Target Maturity Sept 2033 EUR Corporate Bond UCITS ETF	18,89%
Xtrackers II US Treasuries 3-7 UCITS ETF	-0,59%
Xtrackers II US Treasuries 7-10 UCITS ETF	-0,83%
Xtrackers II US Treasuries 10+ UCITS ETF	-1,00%

* Sub-Fund names are as at 31.12.2023.

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