

Mackenzie Maximum Diversification Developed Europe Index Fund

Series F

Global Equity

Compound Annualized Returns 11/30/2022

1 Month	10.5%
3 Months	9.4%
Year-to-date	-15.4%
1 Year	-13.3%
2 Years	-4.3%
3 Years	-0.8%
5 Years	0.3%
Since inception (Sep. 2016)	2.5%

Regional Allocation 10/31/2022

CASH & EQUIVALENTS

Cash & Equivalents	1.4%
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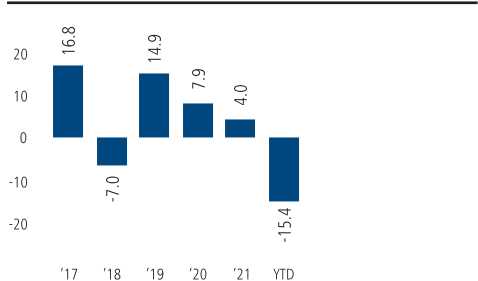
OVERALL

United Kingdom	21.9%
France	16.1%
Switzerland	15.2%
Denmark	9.3%
Spain	8.2%
Germany	7.0%
Netherlands	6.3%
Finland	3.2%
Sweden	2.3%
Other	9.1%

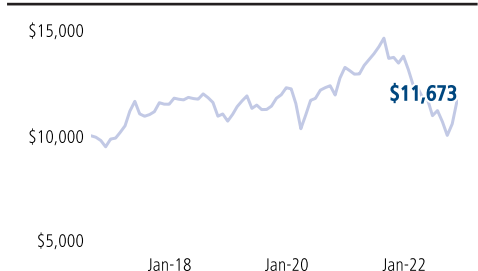
Sector Allocation 10/31/2022

Health Care	26.6%
Financials	18.0%
Consumer Staples	14.0%
Communication Serv.	9.6%
Industrials	8.1%
Materials	7.1%
Utilities	5.3%
Consumer Discretionary	3.9%
Real Estate	2.8%
Information Technology	2.5%
Cash & Equivalents	1.4%
Energy	0.7%

Calendar Year Returns (%) 11/30/2022



Value of \$10,000 invested 11/30/2022



Major Holdings*** 10/31/2022

Major Holdings Represent 15.4% of the fund

Pearson PLC	1.7%
Novo Nordisk A/S	1.6%
Roche Holding AG	1.6%
Koninklijke Ahold Delhaize NV	1.6%
Unilever PLC	1.6%
Novartis AG	1.5%
Carrefour SA	1.5%
AstraZeneca PLC	1.5%
QIAGEN NV	1.5%
Nestle SA	1.5%

TOTAL NUMBER OF EQUITY HOLDINGS: 312

Fund Risk Measures (3 year) 11/30/2022

Annual Std Dev	15.68	Beta	0.85
B'mark Annual Std Dev.	16.84	R-squared	0.84
Alpha	-3.52	Sharpe Ratio	-0.11

Source: Mackenzie Investments

Key Fund Data

Total Fund Assets: **\$1.9 million**

NAVPS (11/30/2022): **C\$8.40**

MER (as of Sep. 2022): F: **0.73%** A: **1.96%**

Management Fee: F: **0.50%** A: **1.55%**

Benchmark**: **MSCI Europe Total Return Index**
CDN

Last Paid Distribution:

SERIES	FREQUENCY	AMOUNT	DATE
F	Annually	0.2863	12/24/2021
A	Annually	0.1886	12/24/2021
FB	Annually	0.2903	12/24/2021
PW	Annually	0.1891	12/24/2021
PWFB	Annually	0.3040	12/24/2021

Fund Codes:

SERIES (C\$)	PREFIX	FE	BE *	LL2 *	LL3 *
F	MFC	5072	—	—	—
A	MFC	5068	5069	—	5070
FB	MFC	5074	—	—	—
PW	MFC	6624	—	—	—
PWFB	MFC	6874	—	—	—

Additional fund series available at mackenzieinvestments.com/fundcodes

Why Invest in this fund?

- Seeks to increase diversification to reduce biases and enhance risk adjusted returns.
- Enhances diversification in developed European markets that have experienced sector concentration, like Telecoms in the 1990s and Financials in the mid-2000s.
- A proven, award-winning diversification methodology exclusively available through Mackenzie Mutual Funds and ETFs to all retail investors in Canada.

Risk Tolerance

LOW	MEDIUM	HIGH
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* Effective June 1, 2022, the redemption charge purchase option, and the low-load purchase option are no longer available for purchase, including those made through systematic purchase plans such as pre-authorized contribution plans. Switching from securities of a Mackenzie Fund previously purchased under the redemption charge or low-load purchase options to securities of another Mackenzie Fund, under the same purchase option, will continue to be available until such redemption schedules expire.

** The MSCI Europe is a free float adjusted, market capitalization weighted that is designed to measure the equity market performance of the developed markets in Europe. It consists of 16 developed market country indices.

*** The major holdings of the Fund may, but do not necessarily, represent the largest holdings of the Fund. Rather, the major holdings are selected for their overall significance in evaluating the investment portfolio.