

Mackenzie Maximum Diversification All World Developed Index ETF

Global Equity

Compound Annualized Returns 01/31/2023

1 Month	3.0%
3 Months	8.1%
Year-to-date	3.0%
1 Year	-0.8%
2 Years	-1.6%
3 Years	3.0%
5 Years	4.7%
Since inception (Sep. 2016)	6.1%

Regional Allocation 12/31/2022

CASH & EQUIVALENTS

Cash & Equivalents	0.3%
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OVERALL

United States	57.7%
Japan	10.3%
Canada	5.2%
Hong Kong	4.2%
United Kingdom	4.1%
France	2.8%
Spain	1.9%
Germany	1.8%
Switzerland	1.7%
Other**	10.0%
Total	100%

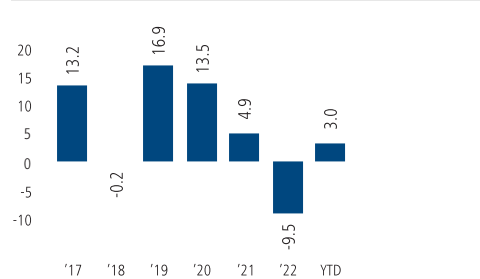
Sector Allocation 12/31/2022

Health Care	25.5%
Consumer Staples	15.1%
Financials	14.3%
Consumer Discretionary	8.3%
Communication Services	8.3%
Information Technology	8.2%
Industrials	6.6%
Materials	6.0%
Real Estate	4.2%
Energy	1.7%
Utilities	1.5%
Cash & Equivalents	0.3%
Total	100%

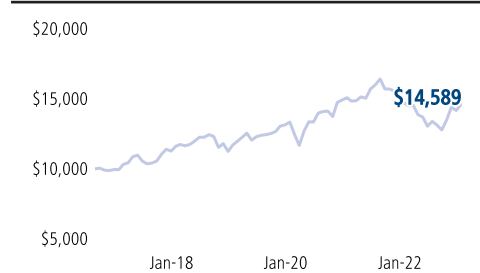
Index Provider

Mackenzie Maximum Diversification Index ETFs are based on TOBAM Maximum Diversification Index Series created by TOBAM S.A.S. The TOBAM Maximum Diversification Index Series are based on constituents in the Solactive AG Index. TOBAM is a Paris-based index provider and institutional asset manager with AUM of US\$8B.

Calendar Year Returns (%) 01/31/2023



Value of \$10,000 invested 01/31/2023



Major Holdings 01/31/2023

Major Holdings Represent 11.7% of the fund

Biogen Inc	1.4%
Moderna Inc	1.4%
Newmont Corp	1.3%
Apple Inc	1.3%
Eli Lilly & Co	1.1%
KROGER CO	1.1%
MERCK & CO.	1.1%
Pfizer Inc	1.0%
Franco-Nevada Corp	1.0%
ALNYLAM PHARMACEUTICALS I	1.0%

TOTAL NUMBER OF HOLDINGS: 873

Fund Risk Measures

Annual Std Dev	13.3
Annual Std Dev. B'mark	13.3
Alpha	-0.6
Beta	1.0
R-squared	1.0
Sharpe Ratio	0.1

Source: Mackenzie Investments

Key Fund Data 12/31/2022

Ticker:	MWD
Total Fund Assets:	\$377.32 million
NAVPS (01/31/2023):	\$26.95
CUSIP:	55453N105
Listing Date:	09/07/2016
Index:	TOBAM Maximum Diversification All World Developed Index
Fund Category:	Global Equity
Distribution Frequency:	Quarterly
DRIP Eligibility:	Yes
Management Fee:	0.50%
Distribution Yield:	2.63%
Price/Earnings:	15.18
Price/Book:	2.07

Why Invest in this fund?

- MWD seeks to increase diversification to reduce biases and enhance risk-adjusted returns.
- Enhances diversification in global markets to reduce sector concentration, help protect value and give exposure to all sources of potential future return.
- Mackenzie Investments now offers TOBAM's proven, award-winning diversification methodology to all Canadian retail investors.

Risk Tolerance



* The TOBAM Maximum Diversification All World Developed Index is designed to measure the performance of large and mid capitalization equity securities of developed markets selected and weighted to enhance diversification. On February 28, 2019, this ETF began to track a version of this index which is calculated net of withholding taxes. Index inception date: February 28, 2019.

** Other includes currency contracts.