

MACKENZIE INTERNATIONAL EQUITY INDEX ETF

Quarterly Portfolio Disclosure

As of December 31, 2022

Summary of Investment Portfolio

PORTFOLIO ALLOCATION	% OF NAV
Equities	99.7
Other assets (liabilities)	0.2
Cash and short-term investments	0.1

REGIONAL ALLOCATION	% OF NAV
Japan	23.4
United Kingdom	14.6
France	10.2
Switzerland	9.5
Australia	8.1
Germany	7.4
Other	5.8
Netherlands	4.4
Sweden	3.2
Hong Kong	3.1
Denmark	2.8
Spain	2.3
Italy	2.0
Singapore	1.6
Finland	1.3
Other assets (liabilities)	0.2
Cash and short-term investments	0.1

SECTOR ALLOCATION	% OF NAV
Financials	18.4
Industrials	15.6
Health care	13.5
Consumer discretionary	11.0
Consumer staples	10.3
Information technology	7.8
Materials	7.8
Energy	4.9
Communication services	4.6
Utilities	3.4
Real estate	2.4
Other assets (liabilities)	0.2
Cash and short-term investments	0.1

TOP 25 POSITIONS	% OF NAV
Issuer	
Nestlé SA	2.2
Roche Holding AG	1.6
ASML Holding NV	1.5
Novo Nordisk AS	1.5
Novartis AG	1.4
AstraZeneca PLC	1.4
Shell PLC	1.4
LVMH Moët Hennessy Louis Vuitton SE	1.3
Total SA	1.1
BHP Group Ltd. [AUD shares]	1.1
Toyota Motor Corp.	1.0
AIA Group Ltd.	0.9
Unilever PLC	0.9
HSBC Holdings PLC	0.8
Commonwealth Bank of Australia	0.8
Siemens AG	0.8
SAP AG	0.7
Sanofi	0.7
Diageo PLC	0.7
BP PLC	0.7
Sony Corp.	0.6
CSL Ltd.	0.6
British American Tobacco PLC	0.6
L'Oréal SA	0.6
Allianz SE	0.6

Top long positions as a percentage of total net asset value	25.5
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Total net asset value of the ETF	\$486.5 million
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The ETF held no short positions at the end of the period.

The investments and percentages may have changed since December 31, 2022, due to the ongoing portfolio transactions of the ETF.

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