

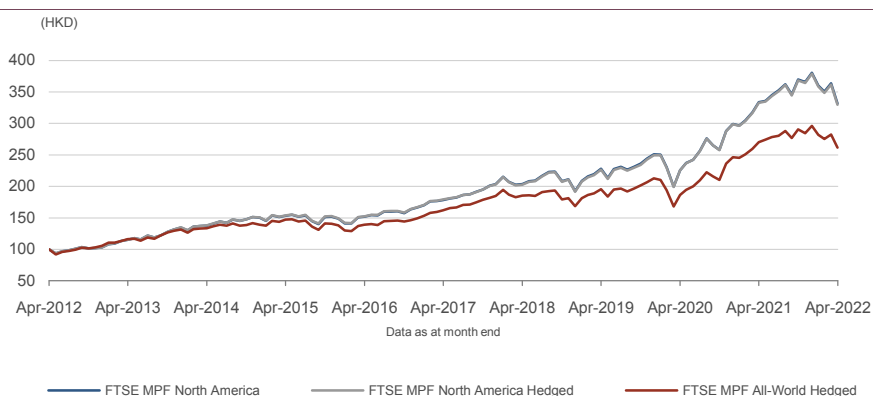
FTSE MPF North America Index

Data as at: 29 April 2022

The FTSE Mandatory Provident Fund (MPF) Index Series was launched in 2001 by FTSE Russell in collaboration with Willis Towers Watson (WTW) and Hong Kong Investment Funds Association (HKIFA). The MPF Index Series is based on the FTSE All-World Index Series and provides a range of country and regional indexes, with both unhedged and hedged indexes to provide choices for investors. The series provides the most precise benchmarks for the Hong Kong market by accurately reflecting regulatory requirements, permitted investment markets and asset classes as well as accounting for any dividend withholding tax rates and investment restrictions applied to the MPF system.

The FTSE MPF North America Index consists of eligible U.S. and Canadian large and mid cap companies which are listed on the stock exchanges approved by the Mandatory Provident Fund Schemes Authority (MPFA). Both unhedged and hedged indexes in price return and total return are available for this index.

10-Year Performance - Total Return



Performance and Volatility - Total Return

Index (HKD)	Return %						Return pa %*		Volatility %**		
	3M	6M	YTD	12M	3YR	5YR	3YR	5YR	1YR	3YR	5YR
FTSE MPF North America	-7.9	-10.3	-12.9	-0.6	45.5	86.0	13.3	13.2	16.1	20.8	16.8
FTSE MPF North America Hedged	-8.1	-10.6	-13.1	-1.0	45.4	84.1	13.3	13.0	16.1	20.8	16.8
FTSE MPF All-World Hedged	-7.2	-9.9	-11.6	-3.2	33.8	61.5	10.2	10.1	13.0	19.0	15.4

* Compound annual returns measured over 3 and 5 years respectively

** Volatility – 1YR based on 12 months daily data. 3YR based on weekly data (Wednesday to Wednesday). 5YR based on monthly data

Year-on-Year Performance - Total Return

Index % (HKD)	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
FTSE MPF North America	14.7	30.8	11.6	-1.2	12.0	22.5	-5.5	30.3	19.4	27.2
FTSE MPF North America Hedged	14.7	30.9	11.8	-0.8	11.8	21.6	-5.7	30.2	19.8	26.9
FTSE MPF All-World Hedged	16.0	24.8	5.9	-0.9	8.4	23.6	-8.8	26.3	15.6	20.3

FEATURES

Objective

The index has been designed for the creation of index tracker funds and ETFs, and as a tool to enable performance comparisons with the many MPF funds currently available in Hong Kong.

Investability

Stocks in the underlying universe are screened for liquidity and are free float adjusted to ensure the index is tradable.

Tax adjusted

The total return indexes are calculated using the actual withholding tax rates applicable to MPF funds. The tax rates are available from FTSE Russell.

Capping

The indexes are subject to a 9 per cent limit on the size of constituents included in an index on a monthly basis.

Eligible Securities

The indexes only include eligible securities listed on stock exchanges approved by the MPFA. Securities which are not fully permissible under the MPFA Guidelines, such as Stapled securities, REITs which are not approved by MPFA, Unit Trusts, Receipts or Certificates with unlisted underlying shares etc., are not eligible for inclusion.

Currency Hedging

The MPF regulations stipulate that at least 30 per cent of a fund's exposure must be to Hong Kong dollar risk assets. The FTSE MPF North America index will hedge non-Hong Kong dollar currency exposure in the indexes in excess of 65 per cent to ensure they stay well within the regulations. An unhedged index is also available.

Return/Risk Ratio and Drawdown - Total Return

Index (HKD)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE MPF North America	-0.1	0.7	0.8	0.9	-13.3	-34.4	-34.4	-34.4
FTSE MPF North America Hedged	-0.1	0.7	0.8	0.9	-13.5	-34.2	-34.2	-34.2
FTSE MPF All-World Hedged	-0.3	0.5	0.7	0.8	-12.9	-33.1	-33.1	-33.1

Return/Risk Ratio – based on compound annual returns and volatility in Performance and Volatility table
 Drawdown - based on daily data

Top 10 Constituents

Constituent	Country	ICB Industry	Net MCap (HKDm)	Wgt %
Apple Inc.	USA	Technology	19,071,532	6.38
Microsoft Corp	USA	Technology	16,391,671	5.48
Amazon.Com	USA	Consumer Discretionary	8,455,324	2.83
Tesla	USA	Consumer Discretionary	5,679,947	1.90
Alphabet Class A	USA	Technology	5,379,893	1.80
Alphabet Class C	USA	Technology	4,985,280	1.67
Unitedhealth Group	USA	Health Care	3,749,456	1.25
Johnson & Johnson	USA	Health Care	3,726,393	1.25
Meta Platforms Inc	USA	Technology	3,623,720	1.21
Nvidia	USA	Technology	3,477,541	1.16
Totals			74,540,758	24.92

Country Breakdown

Country	No. of Cons	Net MCap (HKDm)	Wgt %
Canada	51	13,510,551	4.52
USA	618	285,581,404	95.48
Totals	669	299,091,955	100.00

ICB Industry Breakdown

ICB Code	ICB Industry	No. of Cons	Net MCap (HKDm)	Wgt %
10	Technology	101	81,969,067	27.41
15	Telecommunications	21	8,089,720	2.70
20	Health Care	77	38,545,169	12.89
30	Financials	94	35,888,787	12.00
35	Real Estate	37	8,659,031	2.90
40	Consumer Discretionary	106	42,489,340	14.21
45	Consumer Staples	41	17,234,171	5.76
50	Industrials	98	35,514,636	11.87
55	Basic Materials	26	6,990,979	2.34
60	Energy	30	14,251,389	4.76
65	Utilities	38	9,459,667	3.16
Totals		669	299,091,955	100.00

INFORMATION

Index Universe

FTSE MPF All-World Index

Index Launch

1 January 2005

Base Date

30 November 2000

Base Value

5000

Index Calculation

End-of-Day indexes available

End-of-Day Distribution

The Index is available on the next day at 11:00 Hong Kong local time (03:00 London Time) via FTP and email

Currency

HKD, USD

Review Dates

Semi-annually in March and September

Index Characteristics

Attributes	FTSE MPF North America
Number of constituents	669
Net MCap (HKDm)	299,091,955
Dividend Yield %	1.12
Constituent Sizes (Net MCap HKDm)	
Average	447,073
Largest	19,071,532
Smallest	3,678
Median	181,283
Weight of Largest Constituent (%)	6.38
Top 10 Holdings (% Index MCap)	24.92

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