

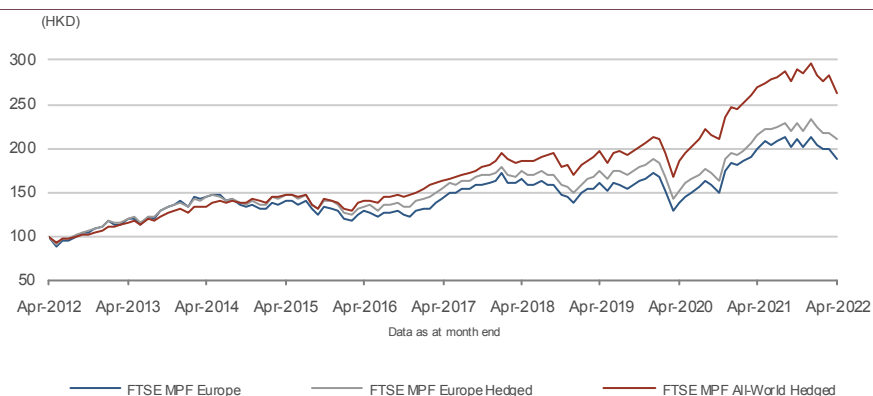
FTSE MPF Europe Index

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 Europe Index consists of eligible large cap and mid cap European 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 Europe	-8.0	-11.3	-12.4	-6.0	17.1	31.2	5.4	5.6	19.0	22.3	17.0
FTSE MPF Europe Hedged	-6.3	-8.6	-10.2	-2.1	20.9	36.0	6.5	6.3	17.6	21.0	15.6
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 Europe	19.2	26.0	-6.0	-2.3	0.0	27.3	-14.6	23.8	6.2	17.1
FTSE MPF Europe Hedged	18.4	24.7	-2.3	0.4	3.0	22.8	-12.6	25.0	4.5	19.4
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 Europe 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 Europe	-0.3	0.2	0.3	0.4	-18.5	-35.8	-35.9	-35.9
FTSE MPF Europe Hedged	-0.2	0.3	0.4	0.5	-17.3	-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 %
Nestle	Switzerland	Consumer Staples	2,801,361	3.56
Roche Hldgs (GENUS)	Switzerland	Health Care	2,058,104	2.61
ASML Holding	Netherlands	Technology	1,734,123	2.20
Shell Plc	UK	Energy	1,634,426	2.08
AstraZeneca	UK	Health Care	1,628,500	2.07
Novartis (REGD)	Switzerland	Health Care	1,466,608	1.86
Novo-Nordisk B	Denmark	Health Care	1,433,708	1.82
LVMH	France	Consumer Discretionary	1,277,982	1.62
HSBC Hldgs	UK	Financials	1,008,428	1.28
Unilever	UK	Consumer Staples	934,982	1.19
Totals			15,978,222	20.29

Country Breakdown

Country	No. of Cons	Net MCap (HKDm)	Wgt %
Austria	7	255,532	0.32
Belgium	15	1,211,229	1.54
Denmark	21	3,225,712	4.10
Finland	17	1,619,684	2.06
France	73	12,803,248	16.26
Germany	85	9,922,175	12.60
Greece	12	181,864	0.23
Ireland	4	276,230	0.35
Italy	38	3,043,595	3.87
Netherlands	29	5,034,983	6.40
Norway	17	1,033,386	1.31
Poland	13	308,447	0.39
Portugal	4	243,438	0.31
Spain	24	2,921,432	3.71
Sweden	61	4,167,609	5.29
Switzerland	52	12,513,125	15.89
UK	117	19,970,750	25.37
Totals	589	78,732,441	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

ICB Industry Breakdown

ICB Code	ICB Industry	No. of Cons	Net MCap (HKDm)	Wgt %
10	Technology	33	5,199,981	6.60
15	Telecommunications	27	2,647,777	3.36
20	Health Care	54	12,807,664	16.27
30	Financials	105	12,646,027	16.06
35	Real Estate	19	985,866	1.25
40	Consumer Discretionary	91	9,307,449	11.82
45	Consumer Staples	45	9,542,647	12.12
50	Industrials	125	12,404,752	15.76
55	Basic Materials	37	4,900,390	6.22
60	Energy	21	4,901,562	6.23
65	Utilities	32	3,388,326	4.30
Totals		589	78,732,441	100.00

Index Characteristics

Attributes	FTSE MPF Europe
Number of constituents	589
Net MCap (HKDm)	78,732,441
Dividend Yield %	2.57
Constituent Sizes (Net MCap HKDm)	
Average	133,671
Largest	2,801,361
Smallest	1,223
Median	55,135
Weight of Largest Constituent (%)	3.56
Top 10 Holdings (% Index MCap)	20.29

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