

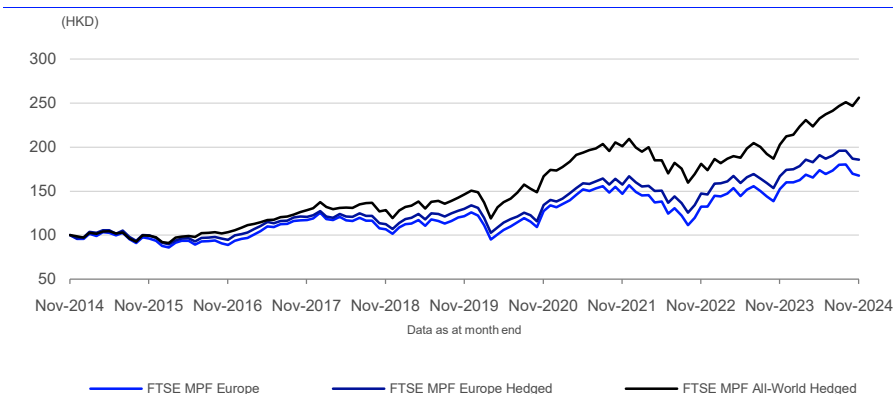
# FTSE MPF Europe Index

Data as at: 29 November 2024

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	-6.9	-3.5	4.8	10.0	14.0	37.8	4.5	6.6	12.2	17.6	19.4
FTSE MPF Europe Hedged	-5.3	-2.7	6.5	11.3	17.9	42.8	5.7	7.4	11.1	15.4	17.6
FTSE MPF All-World Hedged	3.8	10.1	20.7	26.2	27.4	75.2	8.4	11.9	10.0	15.4	16.9

\* 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)	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
FTSE MPF Europe	-6.0	-2.3	0.0	27.3	-14.6	23.8	6.2	17.1	-15.4	20.7
FTSE MPF Europe Hedged	-2.3	0.4	3.0	22.8	-12.6	25.0	4.5	19.4	-12.6	19.3
FTSE MPF All-World Hedged	5.9	-0.9	8.4	23.6	-8.8	26.3	15.6	20.3	-17.0	22.1

## 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	0.8	0.2	0.3	0.3	-10.2	-30.8	-35.8	-35.9
FTSE MPF Europe Hedged	1.0	0.3	0.4	0.4	-8.3	-26.7	-34.2	-34.2
FTSE MPF All-World Hedged	2.6	0.5	0.7	0.7	-8.6	-24.4	-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/Market	ICB Industry	Net MCap (HKDm)	Wgt %
Novo-Nordisk B	Denmark	Health Care	2,577,278	3.02
ASML Holding	Netherlands	Technology	2,128,450	2.49
SAP	Germany	Technology	2,026,643	2.37
Nestle	Switzerland	Consumer Staples	1,736,968	2.03
Novartis (REGD)	Switzerland	Health Care	1,680,269	1.97
Shell	UK	Energy	1,575,500	1.84
AstraZeneca	UK	Health Care	1,571,997	1.84
Roche Hldgs (GENUS)	Switzerland	Health Care	1,559,331	1.82
HSBC Hldgs	UK	Financials	1,341,791	1.57
LVMH	France	Consumer Discretionary	1,198,508	1.40
Totals			17,396,735	20.35

Country/Market Breakdown

Country/Market	No. of Cons	Net MCap (HKDm)	Wgt %
Austria	7	290,763	0.34
Belgium	12	1,302,034	1.52
Denmark	19	4,065,423	4.76
Finland	14	1,288,051	1.51
France	63	13,427,896	15.71
Germany	67	11,794,562	13.80
Greece	29	341,831	0.40
Ireland	5	367,804	0.43
Italy	36	3,848,655	4.50
Netherlands	29	5,622,431	6.58
Norway	16	835,674	0.98
Poland	10	413,505	0.48
Portugal	4	208,314	0.24
Spain	23	3,616,692	4.23
Sweden	53	4,264,094	4.99
Switzerland	53	12,624,696	14.77
UK	99	21,166,408	24.76
Totals	539	85,478,835	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	23	6,583,072	7.70
15	Telecommunications	20	2,421,646	2.83
20	Health Care	51	13,248,584	15.50
30	Financials	103	17,057,782	19.96
35	Real Estate	15	734,677	0.86
40	Consumer Discretionary	75	10,035,482	11.74
45	Consumer Staples	41	7,686,022	8.99
50	Industrials	122	15,750,969	18.43
55	Basic Materials	38	4,002,586	4.68
60	Energy	19	4,477,367	5.24
65	Utilities	32	3,480,648	4.07
Totals		539	85,478,835	100.00

Index Characteristics

Attributes	FTSE MPF Europe
Number of constituents	539
Net MCap (HKDm)	85,478,835
Dividend Yield %	2.87
Constituent Sizes (Net MCap HKDm)	
Average	158,588
Largest	2,577,278
Smallest	1,189
Median	58,740
Weight of Largest Constituent (%)	3.02
Top 10 Holdings (% Index MCap)	20.35

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