

FTSE Developed Asia Pacific Minimum Variance Indices

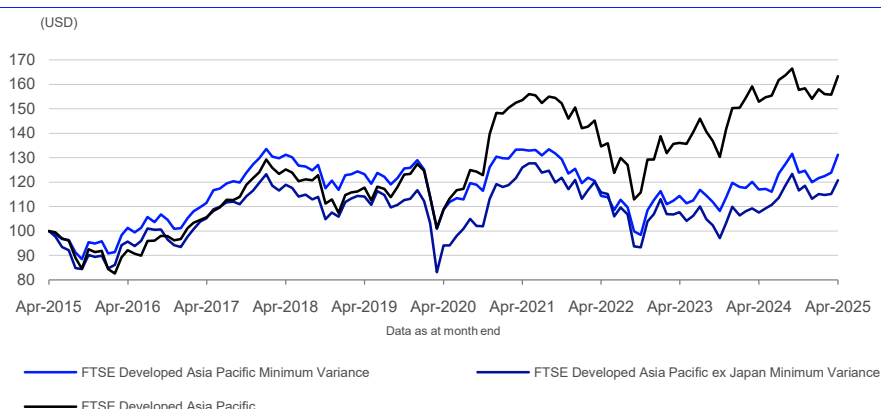
Data as at: 30 April 2025

The FTSE Global Minimum Variance Index Series aims to deliver reduced index volatility based on historical return information, thereby offering potential improvements to the risk reward trade-off, whilst maintaining full allocation to the relevant equity market.

Reduced volatility is achieved by applying a transparent rules-based approach which minimizes historical variance subject to additional constraints on the weight of individual stocks within an index, and, at aggregate level on the weight of countries and industries represented in the index.

Constituents are selected from the corresponding underlying universe of the FTSE All-World Index Series at the time of the bi-annual review and aspects such as index reviews and company classification are governed by the FTSE All-World Index Series Ground Rules.

10-Year Performance - Total Return



Performance and Volatility - Total Return

Index (USD)	Return %						Return pa %*		Volatility %**		
	3M	6M	YTD	12M	3YR	5YR	3YR	5YR	1YR	3YR	5YR
FTSE Developed Asia Pacific Minimum Variance	7.8	5.9	9.3	12.1	14.7	20.6	4.7	3.8	14.4	13.0	12.4
FTSE Developed Asia Pacific ex Japan Minimum Variance	4.9	3.6	6.7	12.3	4.3	28.2	1.4	5.1	13.6	15.5	14.8
FTSE Developed Asia Pacific	3.4	3.5	6.0	6.8	21.3	50.1	6.6	8.5	22.0	17.5	15.3

* 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 % (USD)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
FTSE Developed Asia Pacific Minimum Variance	8.8	5.6	28.3	-10.0	10.4	1.2	-3.9	-10.2	6.3	0.2
FTSE Developed Asia Pacific ex Japan Minimum Variance	-2.0	3.9	28.2	-11.6	10.3	2.1	1.4	-11.5	2.7	3.0
FTSE Developed Asia Pacific	2.8	5.2	28.3	-13.4	18.6	16.4	1.5	-14.2	16.2	2.6

FEATURES

Methodology

The approach applies a rules-based strategy to minimise volatility. Some constraints are applied, for example, to avoid over concentration in any particular stock, sector or country.

Objective

The indices are designed for the creation of index tracking funds, derivatives and as a performance benchmark.

Investability

Stocks in the underlying universe are free-float weighted to ensure that only the investable opportunity set is included.

Liquidity

Stocks in the underlying universe are screened to ensure that the indices are tradable.

Transparency

Index rules are freely available on the FTSE website.

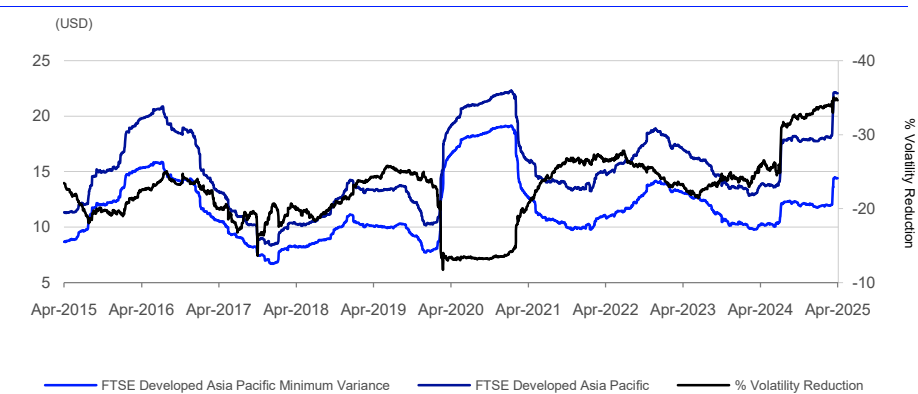
Availability

The indices are calculated based on price and total return methodologies, both real time and end-of-day.

Industry Classification Benchmark

Index constituents are categorized in accordance with the Industry Classification Benchmark (ICB), the global standard for industry sector analysis.

Annualised Rolling 252 Volatility - Total Return



Top 10 Constituents - FTSE Developed Asia Pacific Minimum Variance Index

Constituent	Country/Market	ICB Sector	FTSE Developed Asia Pacific Minimum Variance (Wgt %)	FTSE Developed Asia Pacific (Wgt %)	Diff %
PCCW	Hong Kong	Telecommunications Service Providers	0.59	0.04	0.56
Cosmos Pharmaceutical	Japan	Personal Care Drug and Grocery Stores	0.56	0.03	0.53
Singapore Exchange	Singapore	Investment Banking and Brokerage Services	0.52	0.12	0.40
Jardine Matheson Holdings	Hong Kong	General Industrials	0.51	0.12	0.39
NetLink NBN Trust	Singapore	Telecommunications Service Providers	0.49	0.03	0.46
Singapore Technologies Engineering	Singapore	Aerospace and Defense	0.47	0.11	0.35
McDonald's Holdings (Japan)	Japan	Travel and Leisure	0.46	0.05	0.41
Contact Energy	New Zealand	Electricity	0.46	0.06	0.41
Nippon Building Fund Inc	Japan	Real Estate Investment Trusts	0.46	0.09	0.37
ComfortDelGro	Singapore	Industrial Transportation	0.45	0.03	0.42
Totals			4.97	0.68	

Country/Market Breakdown

Country/Market	FTSE Developed Asia Pacific Minimum Variance		FTSE Developed Asia Pacific		Diff %
	No. of Cons	Wgt %	No. of Cons	Wgt %	
Australia	84	14.45	103	18.10	-3.65
Hong Kong	55	10.50	68	5.11	5.39
Japan	294	51.68	487	62.23	-10.54
Korea	79	10.63	145	10.37	0.26
New Zealand	12	3.77	12	0.63	3.14
Singapore	35	8.96	35	3.56	5.39
Totals	559	100.00	850	100.00	

INFORMATION

Index Universe

FTSE Developed Asia Pacific Index

Index Launch

July 2012

Base Date

18 June 2012

Base Value

100

Investability Screen

Actual free float applied and liquidity screened

Index Calculation

Real time and end of day

End-of-Day Distribution

Via FTP and email

Currency

USD, Euro, GBP, JPY, AUD, Local

Review Dates

March and September

History

Available from September 2001

ICB Supersector Breakdown

		FTSE Developed Asia Pacific Minimum Variance		FTSE Developed Asia Pacific		
ICB Code	ICB Supersector	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
1010	Technology	40	4.68	79	8.56	-3.88
1510	Telecommunications	15	4.57	17	5.84	-1.27
2010	Health Care	38	6.89	49	6.80	0.08
3010	Banks	24	4.04	44	13.58	-9.54
3020	Financial Services	17	2.49	30	3.18	-0.70
3030	Insurance	14	2.20	22	4.70	-2.50
3510	Real Estate	63	16.18	76	4.91	11.27
4010	Automobiles and Parts	18	2.08	37	6.39	-4.31
4020	Consumer Products and Services	31	3.39	53	6.58	-3.19
4030	Media	8	1.80	10	0.33	1.46
4040	Retailers	22	3.12	25	2.59	0.53
4050	Travel and Leisure	29	4.82	36	1.90	2.92
4510	Food Beverage and Tobacco	43	10.68	46	2.68	8.01
4520	Personal Care Drug and Grocery Stores	27	6.72	28	2.34	4.38
5010	Construction and Materials	20	2.52	30	1.78	0.74
5020	Industrial Goods and Services	80	12.46	159	18.32	-5.86
5510	Basic Resources	13	1.36	29	3.95	-2.58
5520	Chemicals	19	1.96	33	2.11	-0.15
6010	Energy	14	2.50	19	1.41	1.09
6510	Utilities	24	5.54	28	2.05	3.49
Totals		559	100.00	850	100.00	

Index Characteristics

Attributes	FTSE Developed Asia Pacific Minimum Variance	FTSE Developed Asia Pacific ex Japan Minimum Variance
Number of constituents	559	216
Dividend Yield %	3.69	4.63
Constituent (Wgt %)		
Average	0.18	0.46
Largest	0.59	1.72
Median	0.15	0.40
Top 10 Holdings (Wgt %)	4.97	13.11

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