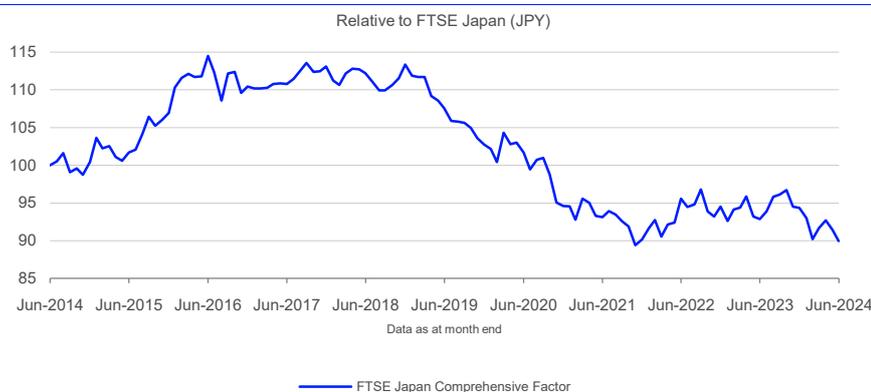


# FTSE Japan Comprehensive Factor Index

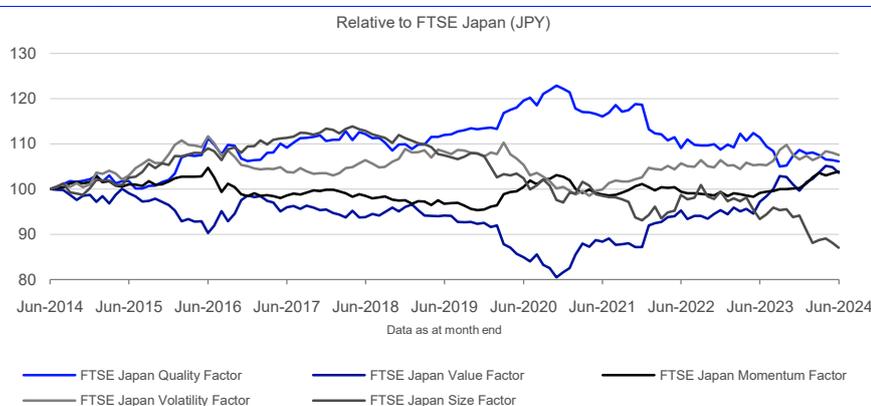
Data as at: 28 June 2024

The FTSE Japan Comprehensive Factor Index is a benchmark designed to capture exposure to five factors – Quality, Value, Momentum, Low Volatility and Size. These factors represent common factor characteristics for which there is a broad academic and practitioner consensus, supported by a body of empirical evidence across different geographies and time periods.

## 10-Year Comprehensive Factor Performance relative to FTSE Japan - Total Return



## 10-Year Single Factors Performance relative to FTSE Japan - Total Return



## Performance and Volatility - Total Return

Index (JPY)	Return %						Return pa %*		Volatility %**		
	3M	6M	YTD	12M	3YR	5YR	3YR	5YR	1YR	3YR	5YR
FTSE Japan Comprehensive Factor	-0.5	14.8	14.8	21.4	49.5	73.0	14.3	11.6	13.5	14.4	13.2
FTSE Japan Quality Factor	0.1	17.7	17.7	19.5	41.6	96.2	12.3	14.4	14.8	17.3	14.8
FTSE Japan Value Factor	1.3	25.1	25.1	33.7	81.4	127.7	22.0	17.9	15.8	17.0	15.2
FTSE Japan Momentum Factor	1.7	24.8	24.8	31.3	62.8	122.0	17.6	17.3	15.3	17.0	13.7
FTSE Japan Volatility Factor	1.9	21.5	21.5	27.9	66.6	105.4	18.6	15.5	13.7	15.1	13.0
FTSE Japan Size Factor	-0.5	11.3	11.3	16.9	36.8	67.7	11.0	10.9	11.9	13.9	13.6
FTSE Japan	1.4	20.4	20.4	25.4	54.8	106.9	15.7	15.7	14.2	16.2	13.9

\* 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

## FEATURES

### Coverage

Derived from the FTSE Japan index, which represents large and mid cap Japanese companies.

### Objective

The FTSE Global Factor Index series uses a common methodology to achieve controlled exposure to target factor(s), whilst considering levels of diversification and capacity.

### Liquidity

Stocks in the universe index are screened to ensure that the index is tradable.

### Transparency

Index methodologies are freely available on the FTSE Russell website.

### Availability

The index is calculated based on price and total return methodologies and available end-of-day and in some cases real-time (please see index rules for details).

### Industry Classification Benchmark (ICB)

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

## Year-on-Year Performance - Total Return

Index % (JPY)	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
FTSE Japan Comprehensive Factor	16.1	18.8	3.0	23.9	-15.1	7.3	0.2	7.9	1.6	28.0
FTSE Japan Quality Factor	17.9	11.4	3.8	26.0	-15.8	22.2	17.2	10.0	-11.2	28.2
FTSE Japan Value Factor	11.1	9.0	1.9	17.2	-14.7	14.0	-3.9	20.9	6.0	34.0
FTSE Japan Momentum Factor	9.1	11.7	-3.5	22.7	-17.2	15.9	17.1	11.5	-4.8	29.3
FTSE Japan Volatility Factor	16.3	18.8	-2.6	19.2	-10.9	16.4	2.2	15.6	0.5	28.4
FTSE Japan Size Factor	15.3	17.3	3.6	25.4	-16.9	14.2	-1.6	8.7	3.4	21.5
FTSE Japan	10.3	11.5	-0.3	21.0	-15.3	18.3	8.9	13.2	-3.1	28.2

## Return/Risk Ratio and Drawdown - Total Return

Index (JPY)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE Japan Comprehensive Factor	1.5	1.0	0.9	0.7	-8.5	-15.7	-29.7	-36.9
FTSE Japan Quality Factor	1.2	0.7	1.0	0.8	-9.6	-20.9	-27.4	-27.7
FTSE Japan Value Factor	2.0	1.3	1.2	0.7	-9.6	-11.7	-31.1	-35.2
FTSE Japan Momentum Factor	1.9	1.0	1.3	0.8	-8.4	-16.6	-27.3	-33.0
FTSE Japan Volatility Factor	1.9	1.2	1.2	0.9	-8.0	-12.4	-27.1	-27.1
FTSE Japan Size Factor	1.3	0.8	0.8	0.6	-7.3	-17.5	-33.4	-38.4
FTSE Japan	1.7	1.0	1.1	0.7	-8.0	-16.1	-28.7	-31.3

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

## Top 10 Constituents - Comprehensive Factor

Constituent	ICB Industry	FTSE Japan Comprehensive Factor (Wgt %)	FTSE Japan (Wgt %)	Diff %
Obayashi	Industrials	3.06	0.18	2.88
Eneos Holdings	Energy	2.44	0.33	2.11
Sojitz	Industrials	1.68	0.12	1.56
Idemitsu Kosan	Energy	1.63	0.18	1.45
Tokyo Gas	Utilities	1.53	0.19	1.34
Chubu Elec Power	Utilities	1.47	0.18	1.29
Shimizu Corp	Industrials	1.44	0.07	1.37
Daiit Trust Constuction	Real Estate	1.22	0.13	1.09
Medipal Holdings	Consumer Staples	1.18	0.07	1.11
Subaru	Consumer Discretionary	1.14	0.29	0.85
<b>Totals</b>		<b>16.79</b>	<b>1.74</b>	

## ICB Industry Breakdown - Comprehensive Factor

ICB Code	ICB Industry	FTSE Japan Comprehensive Factor		FTSE Japan		Diff %
		No. of Cons	Wgt %	No. of Cons	Wgt %	
10	Technology	32	4.72	60	11.45	-6.73
15	Telecommunications	6	0.55	7	3.89	-3.34
20	Health Care	18	2.57	31	7.22	-4.65
30	Financials	21	1.88	40	13.64	-11.76
35	Real Estate	27	3.41	37	3.24	0.18
40	Consumer Discretionary	81	18.25	106	21.61	-3.36
45	Consumer Staples	44	10.05	47	5.54	4.51
50	Industrials	96	35.34	119	26.22	9.12
55	Basic Materials	37	11.37	39	4.86	6.51
60	Energy	4	4.57	4	0.86	3.71
65	Utilities	12	7.29	12	1.45	5.84
<b>Totals</b>		<b>378</b>	<b>100.00</b>	<b>502</b>	<b>100.00</b>	

## INFORMATION

## Index Universe

FTSE Japan Index

## Index Launch

19 September 2017

## Base Date

20 September 2013

## Base Value

1000

## Investability Screen

Actual free float and liquidity screen applied to underlying

## Index Calculation

Indexes calculated end-of-day

## End-of-Day Distribution

Via FTP and email

## Currency

USD, EUR, GBP, JPY, AUD, Local

## Review Dates

Annually in September. Additional review in March for Momentum Factor index.

## History

Available from September 2001

**Index Characteristics - FTSE Japan Comprehensive Factor**

Attributes	FTSE Japan Comprehensive Factor
Number of constituents	378
Dividend Yield %	2.61
Constituent (Wgt %)	
Average	0.26
Largest	3.06
Median	0.14
Top 10 Holdings (Wgt %)	16.79

**Index Characteristics - FTSE Japan Single Factors**

Attributes	FTSE Japan Quality Factor	FTSE Japan Value Factor	FTSE Japan Momentum Factor
Number of constituents	204	373	469
Dividend Yield %	1.82	2.51	2.02
Constituent (Wgt %)			
Average	0.49	0.27	0.21
Largest	5.16	8.41	8.25
Median	0.18	0.07	0.05
Top 10 Holdings (Wgt %)	38.52	38.47	32.32

**Index Characteristics - FTSE Japan Single Factors (cont.)**

Attributes	FTSE Japan Volatility Factor	FTSE Japan Size Factor	FTSE Japan
Number of constituents	261	321	502
Dividend Yield %	2.54	2.43	2.02
Constituent (Wgt %)			
Average	0.38	0.31	0.20
Largest	6.91	0.90	5.53
Median	0.13	0.29	0.07
Top 10 Holdings (Wgt %)	33.04	7.37	23.84

© 2024 London Stock Exchange Group plc and its applicable group undertakings ("LSEG"). LSEG includes (1) FTSE International Limited ("FTSE"), (2) Frank Russell Company ("Russell"), (3) FTSE Global Debt Capital Markets Inc. and FTSE Global Debt Capital Markets Limited (together, "FTSE Canada"), (4) FTSE Fixed Income Europe Limited ("FTSE FI Europe"), (5) FTSE Fixed Income LLC ("FTSE FI"), (6) FTSE (Beijing) Consulting Limited ("WOFE") (7) Refinitiv Benchmark Services (UK) Limited ("RBSL"), (8) Refinitiv Limited ("RL") and (9) Beyond Ratings S.A.S. ("BR"). All rights reserved.

FTSE Russell® is a trading name of FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, WOFE, RBSL, RL, and BR. "FTSE®", "Russell®", "FTSE Russell®", "FTSE4Good®", "ICB®", "Refinitiv", "Beyond Ratings®", "WMR™", "FR™" and all other trademarks and service marks used herein (whether registered or unregistered) are trademarks and/or service marks owned or licensed by the applicable member of LSEG or their respective licensors and are owned, or used under licence, by FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, WOFE, RBSL, RL or BR. FTSE International Limited is authorised and regulated by the Financial Conduct Authority as a benchmark administrator. Refinitiv Benchmark Services (UK) Limited is authorised and regulated by the Financial Conduct Authority as a benchmark administrator.

All information is provided for information purposes only. All information and data contained in this publication is obtained by LSEG, from sources believed by it to be accurate and reliable. Because of the possibility of human and mechanical inaccuracy as well as other factors, however, such information and data is provided "as is" without warranty of any kind. No member of LSEG nor their respective directors, officers, employees, partners or licensors make any claim, prediction, warranty or representation whatsoever, expressly or impliedly, either as to the accuracy, timeliness, completeness, merchantability of any information or LSEG Products, or of results to be obtained from the use of LSEG products, including but not limited to indices, rates, data and analytics, or the fitness or suitability of the LSEG products for any particular purpose to which they might be put. The user of the information assumes the entire risk of any use it may make or permit to be made of the information.

No responsibility or liability can be accepted by any member of LSEG nor their respective directors, officers, employees, partners or licensors for (a) any loss or damage in whole or in part caused by, resulting from, or relating to any inaccuracy (negligent or otherwise) or other circumstance involved in procuring, collecting, compiling, interpreting, analysing, editing, transcribing, transmitting, communicating or delivering any such information or data or from use of this document or links to this document or (b) any direct, indirect, special, consequential or incidental damages whatsoever, even if any member of LSEG is advised in advance of the possibility of such damages, resulting from the use of, or inability to use, such information.

No member of LSEG nor their respective directors, officers, employees, partners or licensors provide investment advice and nothing in this document should be taken as constituting financial or investment advice. No member of LSEG nor their respective directors, officers, employees, partners or licensors make any representation regarding the advisability of investing in any asset or whether such investment creates any legal or compliance risks for the investor. A decision to invest in any such asset should not be made in reliance on any information herein. Indices and rates cannot be invested in directly. Inclusion of an asset in an index or rate is not a recommendation to buy, sell or hold that asset nor confirmation that any particular investor may lawfully buy, sell or hold the asset or an index or rate containing the asset. The general information contained in this publication should not be acted upon without obtaining specific legal, tax, and investment advice from a licensed professional.

Past performance is no guarantee of future results. Charts and graphs are provided for illustrative purposes only. Index and/or rate returns shown may not represent the results of the actual trading of investable assets. Certain returns shown may reflect back-tested performance. All performance presented prior to the index or rate inception date is back-tested performance. Back-tested performance is not actual performance, but is hypothetical. The back-test calculations are based on the same methodology that was in effect when the index or rate was officially launched. However, back-tested data may reflect the application of the index or rate methodology with the benefit of hindsight, and the historic calculations of an index or rate may change from month to month based on revisions to the underlying economic data used in the calculation of the index or rate.

No part of this information may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of the applicable member of LSEG. Use and distribution of LSEG data requires a licence from LSEG and/or its licensors.

Data definitions available from  
[info@ftserussell.com](mailto:info@ftserussell.com)

To learn more, visit [lseg.com/ftse-russell](https://lseg.com/ftse-russell);  
email [info@ftserussell.com](mailto:info@ftserussell.com); or  
call your regional Client Services Team office:

#### EMEA

+44 (0) 20 7866 1810

#### North America

+1 877 503 6437

#### Asia-Pacific

Hong Kong +852 2164 3333

Tokyo +81 3 6441 1430

Sydney +61 (0) 2 7228 5659