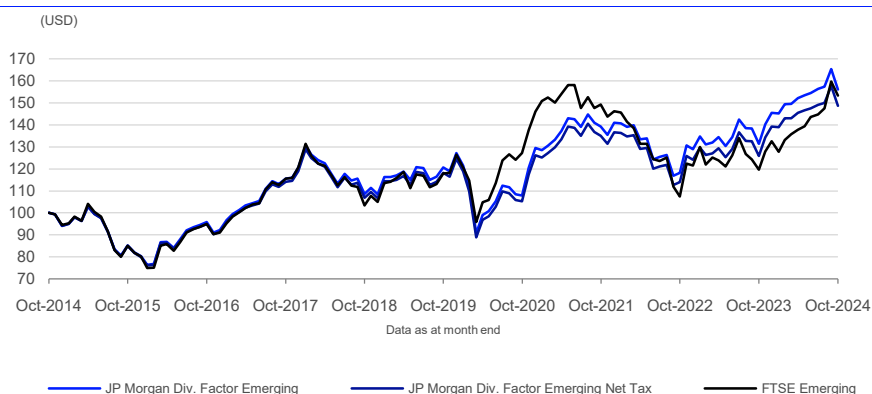


# JP Morgan Diversified Factor Emerging Markets Equity Index

Data as at: 31 October 2024

The JP Morgan Diversified Factor Emerging Markets Equity Index is comprised of large and mid-cap equity securities selected from the FTSE Emerging Index, and uses a rules-based risk allocation and multi-factor selection process developed in conjunction with J.P. Morgan Asset Management. The index is designed to reflect the performance of emerging market securities representing a diversified set of factor characteristics. Constituents are selected using investment characteristics including attractive relative valuation, positive price momentum and strong quality metrics, and seeks to diversify risk across regions and sectors. Where hedged 100% to USD, the calculation reduces the foreign currency risk from a USD perspective from the index.

## 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
JP Morgan Div. Factor Emerging	-0.2	2.5	7.3	18.8	12.1	29.3	3.9	5.3	9.7	12.4	17.3
JP Morgan Div. Factor Emerging Net Tax	-0.3	2.2	6.8	18.1	10.1	25.8	3.3	4.7	9.7	12.4	17.3
FTSE Emerging	5.9	11.2	15.7	28.2	2.7	30.0	0.9	5.4	12.5	16.0	18.1

\* 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)	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
JP Morgan Div. Factor Emerging	2.2	-14.7	14.9	30.6	-9.9	17.3	1.7	8.9	-8.5	12.8
JP Morgan Div. Factor Emerging Net Tax	2.1	-15.1	14.5	30.1	-10.3	16.7	1.2	8.3	-9.1	12.1
FTSE Emerging	1.6	-15.2	13.5	32.5	-13.0	20.6	15.5	0.1	-16.9	9.1

## FEATURES

### Objective

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

### Investability

A transparent and replicable portfolio construction strategy.

### Liquidity

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

### Transparency

The index uses a transparent, rules-based construction process. Index Methodologies are freely available on the FTSE Russell website.

### Availability

The index is calculated based on price and total return methodologies, both real time and end of day. A Net Total Return index is also calculated.

### Industry Classification Benchmark (ICB)

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

Return/Risk Ratio and Drawdown - Total Return

Index (USD)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
JP Morgan Div. Factor Emerging	1.9	0.3	0.3	0.3	-6.4	-20.3	-37.2	-38.3
JP Morgan Div. Factor Emerging Net Tax	1.8	0.3	0.3	0.3	-6.6	-20.7	-37.2	-38.9
FTSE Emerging	2.2	0.1	0.3	0.3	-8.1	-29.9	-34.8	-35.1

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	JP Morgan Div. Factor Emerging (Wgt %)	FTSE Emerging (Wgt %)	Diff %
Taiwan Semiconductor Manufacturing	Taiwan	Technology	1.77	9.90	-8.13
Infosys	India	Technology	1.48	0.94	0.54
Vale SA	Brazil	Basic Materials	1.08	0.53	0.55
Bank of China (H)	China	Financials	1.07	0.51	0.56
Petrobras PN	Brazil	Energy	1.01	0.44	0.58
China Construction Bank (H)	China	Financials	1.00	0.93	0.07
Industrial and Commercial Bank of China (H)	China	Financials	0.85	0.61	0.25
Tata Consultancy Services	India	Technology	0.83	0.63	0.20
Hindustan Unilever	India	Consumer Staples	0.78	0.34	0.44
Reliance Industries	India	Energy	0.76	1.35	-0.59
Totals			10.63	16.18	

ICB Industry Breakdown

ICB Code	ICB Industry	JP Morgan Div. Factor Emerging		FTSE Emerging		Diff %
		No. of Cons	Wgt %	No. of Cons	Wgt %	
10	Technology	16	6.59	230	27.45	-20.86
15	Telecommunications	39	8.16	73	4.01	4.16
20	Health Care	39	4.94	183	3.47	1.46
30	Financials	71	18.21	331	22.77	-4.56
35	Real Estate	9	1.79	95	2.15	-0.37
40	Consumer Discretionary	63	10.33	273	11.79	-1.45
45	Consumer Staples	56	10.89	162	5.15	5.74
50	Industrials	86	13.12	376	8.10	5.02
55	Basic Materials	44	6.99	249	5.73	1.27
60	Energy	42	9.73	113	5.70	4.03
65	Utilities	55	9.24	141	3.67	5.56
Totals		520	100.00	2226	100.00	

INFORMATION

Index Universe

FTSE Emerging Index

Index Launch

28 November 2014

Base Date

18 April 2014

Base Value

1000

History

Available from December 2000

Index Calculation

Real-time and end-of-day

End-of-Day Distribution

Via FTP and email

Currency

USD, EUR, GBP, JPY

Review Dates

Quarterly

Country/Market Breakdown

	JP Morgan Div. Factor Emerging		FTSE Emerging		
Country/Market	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
Brazil	39	9.76	80	4.59	5.17
Chile	12	1.50	20	0.51	0.99
China	166	25.05	1233	30.62	-5.57
Colombia	1	0.18	4	0.10	0.07
Czech Rep.	2	0.43	4	0.14	0.29
Egypt	1	0.20	1	0.05	0.15
Greece	10	2.00	29	0.58	1.42
Hungary	3	0.60	5	0.26	0.34
Iceland	-	-	10	0.12	-0.12
India	53	12.50	243	22.22	-9.72
Indonesia	17	3.23	39	1.85	1.38
Kuwait	3	0.63	8	0.77	-0.15
Malaysia	19	2.79	39	1.89	0.90
Mexico	25	6.44	37	2.12	4.31
Philippines	4	0.33	23	0.68	-0.35
Qatar	8	1.32	17	0.89	0.42
Romania	-	-	7	0.15	-0.15
Saudi Arabia	20	3.86	64	4.34	-0.48
South Africa	23	5.68	40	3.37	2.31
Taiwan	33	10.36	128	20.05	-9.68
Thailand	16	2.42	49	2.01	0.41
Turkiye	49	7.92	114	1.04	6.88
UAE	16	2.83	32	1.65	1.17
Totals	520	100.00	2226	100.00	

Index Characteristics

Attributes	JP Morgan Div. Factor Emerging	FTSE Emerging
Number of constituents	520	2226
Dividend Yield %	4.85	2.70
Constituent (Wgt %)		
Average	0.19	0.04
Largest	1.77	9.90
Median	0.15	0.01
Top 10 Holdings (Wgt %)	10.63	25.19

© 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

To learn more, visit lseg.com/ftse-russell;  
email 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