

FTSE EDHEC-Risk Efficient Index Series

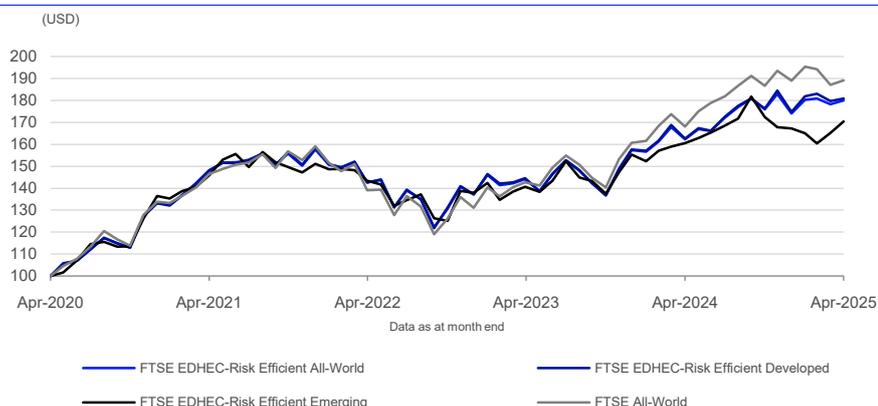
Data as at: 30 April 2025

The FTSE EDHEC-Risk Efficient Index Series, launched in association with EDHEC-Risk Institute (EDHEC-Risk), is based on all constituent securities in the FTSE All-World Index Series. Constituents' weights result from EDHEC-Risk's portfolio optimisation, which targets improvements in efficiency for a broad market index by maximising the Return/Risk Ratio.

Key Features:

- The indices attempt to improve the risk/reward trade-off available in the broad stock market.
- The indices are highly diversified.
- The high concentration and the poor diversification of cap-weighted indices can be avoided.

5-Year Performance - Total Return



Index Characteristics

Attributes	FTSE EDHEC-Risk Efficient All-World	FTSE EDHEC-Risk Efficient Developed	FTSE EDHEC-Risk Efficient Emerging	FTSE All-World
Number of constituents	3280	1974	1306	4228
Dividend Yield %	2.49	2.37	3.58	1.98
Constituent (Wgt %)				
Average	0.03	0.05	0.08	0.02
Largest	0.72	0.79	1.91	4.02
Median	0.01	0.02	0.05	0.00
Top 10 Holdings (Wgt %)	4.89	5.41	8.46	20.09

Performance and Volatility - Total Return

Index (USD)	Return %						Return pa %*		Volatility %**		
	3M	6M	YTD	12M	3YR	5YR	3YR	5YR	1YR	3YR	5YR
FTSE EDHEC-Risk Efficient All-World	-0.2	2.3	3.4	10.9	26.1	80.0	8.0	12.5	12.3	14.6	14.8
FTSE EDHEC-Risk Efficient Developed	-0.6	2.6	3.5	11.3	26.9	80.9	8.3	12.6	12.9	15.0	15.3
FTSE EDHEC-Risk Efficient Emerging	3.2	-1.2	1.9	6.1	18.7	70.4	5.9	11.2	13.2	14.1	13.6
FTSE All-World	-3.2	1.3	0.0	12.5	36.0	89.2	10.8	13.6	14.2	15.1	15.0
FTSE Developed	-3.8	1.4	-0.3	12.6	38.3	94.8	11.4	14.3	15.1	15.5	15.6
FTSE Emerging	2.3	0.6	3.1	11.8	17.3	47.1	5.5	8.0	15.6	16.4	15.1

* 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

FEATURES

Objective

The indices 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

Index rules are freely available on the FTSE 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

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 % (USD)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
FTSE EDHEC-Risk Efficient All-World	0.9	8.6	23.8	-9.5	23.8	11.5	18.1	-12.9	14.7	10.6
FTSE EDHEC-Risk Efficient Developed	2.3	8.6	23.3	-9.3	24.8	11.7	18.9	-13.4	14.9	10.9
FTSE EDHEC-Risk Efficient Emerging	-13.4	8.5	28.7	-11.6	14.9	10.1	10.8	-8.8	12.7	7.6
FTSE All-World	-1.7	8.6	24.6	-9.1	27.2	16.6	18.9	-17.7	22.6	17.7
FTSE Developed	-0.3	8.2	23.9	-8.6	28.0	16.7	21.4	-17.8	24.2	18.2
FTSE Emerging	-15.2	13.5	32.5	-13.0	20.6	15.5	0.1	-16.9	9.1	12.8

Return/Risk Ratio and Drawdown - Total Return

Index (USD)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE EDHEC-Risk Efficient All-World	0.9	0.5	0.8	0.5	-12.0	-16.0	-23.2	-36.4
FTSE EDHEC-Risk Efficient Developed	0.8	0.5	0.8	0.5	-12.5	-16.4	-23.7	-36.5
FTSE EDHEC-Risk Efficient Emerging	0.4	0.4	0.8	0.3	-16.9	-16.9	-21.0	-38.0
FTSE All-World	0.8	0.7	0.9	0.6	-15.6	-16.5	-26.0	-33.7
FTSE Developed	0.8	0.7	0.9	0.6	-16.1	-16.6	-26.1	-34.0
FTSE Emerging	0.7	0.4	0.5	0.2	-15.1	-18.4	-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 - FTSE EDHEC-Risk Efficient Developed

Constituent	Country/Market	ICB Sector	FTSE EDHEC-Risk Efficient Developed (Wgt %)	FTSE Developed (Wgt %)	Diff %
Howmet Aerospace Inc	USA	Aerospace and Defense	0.79	0.08	0.71
O Reilly Auto	USA	Retailers	0.64	0.12	0.53
Walmart	USA	Retailers	0.57	0.60	-0.03
SPOTIFY TECHNOLOGY SA	USA	Media	0.57	0.13	0.44
Marathon Petroleum	USA	Oil Gas and Coal	0.56	0.06	0.50
Duke Energy Corp	USA	Gas Water and Multi-utilities	0.48	0.13	0.35
Kroger	USA	Personal Care Drug and Grocery Stores	0.46	0.07	0.40
Cons Edison Holding	USA	Electricity	0.45	0.06	0.39
Coca-Cola	USA	Beverages	0.45	0.40	0.04
American Elec Power Com	USA	Electricity	0.44	0.08	0.36
Totals			5.41	1.73	

Top 10 Constituents - FTSE EDHEC-Risk Efficient Emerging

Constituent	Country/Market	ICB Sector	FTSE EDHEC-Risk Efficient Emerging (Wgt %)	FTSE Emerging (Wgt %)	Diff %
Anta Sports Products (P Chip)	China	Personal Goods	1.91	0.19	1.72
Gold Fields	South Africa	Precious Metals and Mining	0.88	0.25	0.63
Evergreen Marine	Taiwan	Industrial Transportation	0.86	0.09	0.78
Delta Electronics (Thailand)	Thailand	Technology Hardware and Equipment	0.84	0.10	0.73
Bharat Petroleum Corp	India	Oil Gas and Coal	0.83	0.09	0.74
Sabesp ON	Brazil	Gas Water and Multi-utilities	0.77	0.12	0.65
Adani Enterprises	India	General Industrials	0.62	0.11	0.51
Indian Oil	India	Oil Gas and Coal	0.61	0.08	0.53
China Resources Land (Red Chip)	China	Real Estate Investment and Services Development	0.58	0.12	0.47
Bharat Electronics	India	Aerospace and Defense	0.56	0.17	0.39
Totals			8.46	1.32	

INFORMATION

Index Universe

FTSE All World Index Series

Index Launch

18 January 2010

Base Date

20 December 2002

Base Value

100

Investability Screen

Actual free float applied and liquidity screened

Index Calculation

Real-time and end-of-day indices available

End-of-Day Distribution

Via FTP and email

Currency

USD, GBP, JPY, EUR

Review Dates

Quarterly in March, June, September, December

ICB Industry Breakdown

ICB Code	ICB Industry	FTSE EDHEC-Risk Efficient All-World		FTSE All-World		Diff %
		No. of Cons	Wgt %	No. of Cons	Wgt %	
10	Technology	298	11.46	428	26.71	-15.25
15	Telecommunications	102	3.21	123	2.91	0.30
20	Health Care	240	9.00	348	9.64	-0.63
30	Financials	537	13.66	630	16.28	-2.62
35	Real Estate	208	5.09	237	2.32	2.78
40	Consumer Discretionary	472	14.67	586	13.86	0.81
45	Consumer Staples	256	9.97	318	5.37	4.60
50	Industrials	606	14.71	775	13.07	1.63
55	Basic Materials	239	4.00	368	2.92	1.08
60	Energy	139	6.04	185	3.86	2.18
65	Utilities	183	8.19	230	3.05	5.13
Totals		3280	100.00	4228	100.00	

5-Year Correlation - Total Return

	FTSE EDHEC-Risk Efficient All-World	FTSE All-World	FTSE EDHEC-Risk Efficient Developed	FTSE Developed	FTSE EDHEC-Risk Efficient Emerging	FTSE Emerging
FTSE EDHEC-Risk Efficient All-World	1.000	0.965	0.998	0.961	0.759	0.678
FTSE All-World		1.000	0.963	0.997	0.738	0.689
FTSE EDHEC-Risk Efficient Developed			1.000	0.962	0.717	0.640
FTSE Developed				1.000	0.693	0.629
FTSE EDHEC-Risk Efficient Emerging					1.000	0.906
FTSE Emerging						1.000

Country/Market Breakdown

Country/Market	FTSE EDHEC-Risk Efficient All-World		FTSE All-World		Diff %
	No. of Cons	Wgt %	No. of Cons	Wgt %	
Australia	102	0.95	103	1.75	-0.81
Austria	6	0.30	6	0.05	0.24
Belgium	13	0.37	13	0.25	0.12
Brazil	79	0.46	79	0.46	0.00
Canada	48	2.53	48	2.51	0.02
Chile	20	0.14	20	0.06	0.08
China	294	2.15	1241	3.31	-1.16
Colombia	5	0.02	5	0.01	0.01
Czech Rep.	4	0.01	4	0.02	-0.01
Denmark	18	0.65	18	0.52	0.13
Egypt	1	0.02	1	0.01	0.01
Finland	14	0.51	14	0.24	0.27
France	62	1.73	62	2.52	-0.79
Germany	67	2.21	67	2.38	-0.17
Greece	28	0.05	28	0.07	-0.03
Hong Kong	68	0.76	68	0.49	0.27
Hungary	5	0.02	5	0.04	-0.01
Iceland	8	0.01	8	0.01	0.01
India	258	2.85	258	2.25	0.60
Indonesia	39	0.31	39	0.15	0.16
Ireland	5	0.29	5	0.07	0.21
Israel	31	0.19	31	0.19	0.00
Italy	37	1.00	37	0.79	0.21
Japan	487	6.02	487	6.03	0.00
Korea	145	1.33	145	1.00	0.33
Kuwait	8	0.06	8	0.09	-0.03
Malaysia	40	0.39	40	0.18	0.21
Mexico	37	0.17	37	0.24	-0.07
Netherlands	30	0.92	30	0.97	-0.05
New Zealand	12	0.18	12	0.06	0.12
Norway	15	0.46	15	0.15	0.31
Philippines	23	0.24	23	0.06	0.18
Poland	10	0.35	10	0.10	0.25
Portugal	5	0.17	5	0.04	0.13
Qatar	17	0.10	17	0.09	0.01
Romania	7	0.01	7	0.02	0.00
Saudi Arabia	66	0.35	66	0.44	-0.09
Singapore	35	0.40	35	0.34	0.05
South Africa	40	0.40	40	0.35	0.05
Spain	23	0.71	23	0.75	-0.04
Sweden	53	1.25	53	0.77	0.48
Switzerland	52	1.20	52	2.28	-1.08
Taiwan	129	1.27	129	1.78	-0.52
Thailand	46	0.39	46	0.17	0.22
Turkiye	117	0.13	117	0.09	0.04
UAE	35	0.25	35	0.19	0.06
UK	98	3.59	98	3.58	0.01
USA	538	62.13	538	62.05	0.08
Totals	3280	100.00	4228	100.00	

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To ensure that its activities meet the highest academic standards and to benefit the industry, EDHEC-Risk subjects its activities to a strict validation process. The scientific quality and operational relevance of the research programmes are underpinned by a dual management structure by leading experts serving on its international advisory board.

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