

FTSE EDHEC-Risk Efficient Index Series

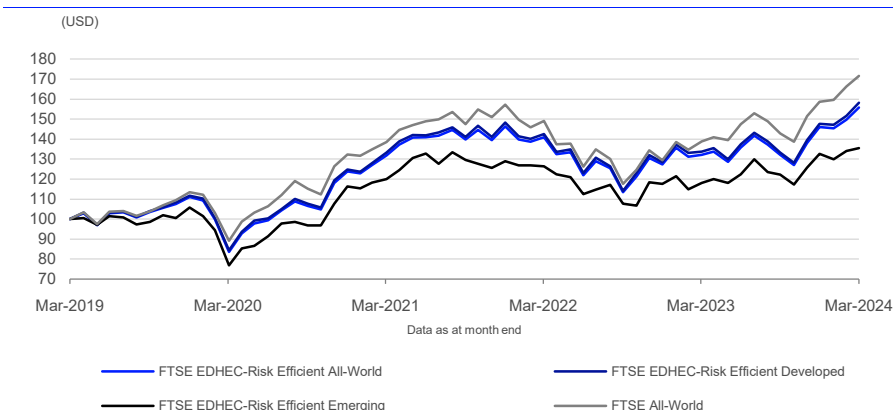
Data as at: 29 March 2024

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	3348	2079	1269	4292
Dividend Yield %	2.37	2.25	3.71	1.92
Constituent (Wgt %)				
Average	0.03	0.05	0.08	0.02
Largest	0.70	0.76	1.66	4.29
Median	0.01	0.02	0.04	0.00
Top 10 Holdings (Wgt %)	4.25	4.66	8.48	19.11

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	6.6	17.9	6.6	18.0	18.2	55.8	5.7	9.3	9.6	14.5	18.1
FTSE EDHEC-Risk Efficient Developed	7.1	18.7	7.1	18.3	18.7	58.2	5.9	9.6	10.0	15.1	18.4
FTSE EDHEC-Risk Efficient Emerging	2.3	10.9	2.3	14.8	13.0	35.6	4.1	6.3	9.4	12.6	17.5
FTSE All-World	8.1	20.1	8.1	23.6	23.8	71.6	7.4	11.4	9.6	15.2	17.7
FTSE Developed	8.8	21.3	8.8	25.4	28.4	79.3	8.7	12.4	9.9	15.7	18.1
FTSE Emerging	2.4	9.2	2.4	8.5	-9.6	17.2	-3.3	3.2	11.2	15.6	18.2

* 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)	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
FTSE EDHEC-Risk Efficient All-World	8.1	0.9	8.6	23.8	-9.5	23.8	11.5	18.1	-12.9	14.7
FTSE EDHEC-Risk Efficient Developed	8.4	2.3	8.6	23.3	-9.3	24.8	11.7	18.9	-13.4	14.9
FTSE EDHEC-Risk Efficient Emerging	4.7	-13.4	8.5	28.7	-11.6	14.9	10.1	10.8	-8.8	12.7
FTSE All-World	4.8	-1.7	8.6	24.6	-9.1	27.2	16.6	18.9	-17.7	22.6
FTSE Developed	5.1	-0.3	8.2	23.9	-8.6	28.0	16.7	21.4	-17.8	24.2
FTSE Emerging	1.6	-15.2	13.5	32.5	-13.0	20.6	15.5	0.1	-16.9	9.1

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	2.0	0.4	0.5	0.6	-11.4	-23.2	-36.4	-36.4
FTSE EDHEC-Risk Efficient Developed	2.0	0.4	0.5	0.6	-11.6	-23.7	-36.5	-36.5
FTSE EDHEC-Risk Efficient Emerging	1.6	0.3	0.4	0.3	-10.5	-21.0	-36.3	-38.0
FTSE All-World	2.6	0.5	0.6	0.6	-10.4	-26.0	-33.7	-33.7
FTSE Developed	2.7	0.6	0.7	0.7	-10.4	-26.1	-34.0	-34.0
FTSE Emerging	0.8	-0.2	0.2	0.2	-11.3	-32.9	-34.8	-35.7

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	ICB Sector	FTSE EDHEC-Risk Efficient Developed (Wgt %)	FTSE Developed (Wgt %)	Diff %
Marathon Petroleum	USA	Oil Gas and Coal	0.76	0.11	0.65
Pioneer Natural Resource	USA	Oil Gas and Coal	0.57	0.09	0.47
O Reilly Auto	USA	Retailers	0.55	0.10	0.45
Kroger	USA	Personal Care Drug and Grocery Stores	0.43	0.06	0.37
Phillips 66	USA	Oil Gas and Coal	0.43	0.11	0.32
Valero Energy	USA	Oil Gas and Coal	0.42	0.09	0.33
Howmet Aerospace Inc	USA	Aerospace and Defense	0.38	0.04	0.34
Pepsico	USA	Beverages	0.38	0.36	0.01
Colgate-Palmolive	USA	Personal Care Drug and Grocery Stores	0.37	0.11	0.26
Merck & Co	USA	Pharmaceuticals and Biotechnology	0.37	0.51	-0.14
Totals			4.66	1.58	

Top 10 Constituents - FTSE EDHEC-Risk Efficient Emerging

Constituent	Country	ICB Sector	FTSE EDHEC-Risk Efficient Emerging (Wgt %)	FTSE Emerging (Wgt %)	Diff %
Anta Sports Products (P Chip)	China	Personal Goods	1.66	0.19	1.47
Adani Enterprises	India	General Industrials	0.87	0.20	0.67
Gold Fields	South Africa	Precious Metals and Mining	0.86	0.21	0.65
Sabesp ON	Brazil	Gas Water and Multi-utilities	0.77	0.08	0.68
Bharat Petroleum Corp	India	Oil Gas and Coal	0.74	0.10	0.63
Delta Electronics (Thailand)	Thailand	Technology Hardware and Equipment	0.73	0.08	0.65
Titan	India	Personal Goods	0.73	0.28	0.45
Evergreen Marine	Taiwan	Industrial Transportation	0.72	0.08	0.64
Varun Beverages	India	Beverages	0.70	0.11	0.59
Indian Oil	India	Oil Gas and Coal	0.70	0.12	0.58
Totals			8.48	1.45	

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

		FTSE EDHEC-Risk Efficient All-World		FTSE All-World		
ICB Code	ICB Industry	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
10	Technology	295	11.79	422	26.20	-14.41
15	Telecommunications	110	2.95	129	2.83	0.13
20	Health Care	245	9.46	350	10.79	-1.33
30	Financials	520	12.43	612	14.54	-2.12
35	Real Estate	211	4.46	243	2.32	2.14
40	Consumer Discretionary	507	15.46	624	13.82	1.64
45	Consumer Staples	261	9.69	323	5.39	4.30
50	Industrials	614	14.58	788	13.25	1.34
55	Basic Materials	258	4.92	385	3.44	1.48
60	Energy	140	7.62	183	4.65	2.96
65	Utilities	187	6.63	233	2.77	3.86
Totals		3348	100.00	4292	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	0.980	0.999	0.975	0.886	0.822
FTSE All-World		1.000	0.981	0.998	0.853	0.814
FTSE EDHEC-Risk Efficient Developed			1.000	0.978	0.862	0.799
FTSE Developed				1.000	0.822	0.772
FTSE EDHEC-Risk Efficient Emerging					1.000	0.937
FTSE Emerging						1.000

Country Breakdown

	FTSE EDHEC-Risk Efficient All-World		FTSE All-World		
Country	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
Australia	108	1.20	108	1.87	-0.67
Austria	7	0.29	7	0.05	0.24
Belgium	15	0.37	15	0.23	0.13
Brazil	82	0.54	82	0.57	-0.03
Canada	48	2.39	48	2.40	-0.01
Chile	21	0.13	21	0.06	0.08
China	297	1.54	1241	2.63	-1.09
Colombia	3	0.02	3	0.01	0.01
Czech Rep.	4	0.01	4	0.01	-0.01
Denmark	17	0.71	17	0.81	-0.09
Egypt	3	0.02	3	0.01	0.01
Finland	14	0.39	14	0.23	0.16
France	69	1.85	69	2.75	-0.90
Germany	70	2.08	70	2.05	0.03
Greece	28	0.05	28	0.06	-0.01
Hong Kong	72	0.82	72	0.49	0.33
Hungary	4	0.02	4	0.03	-0.01
Iceland	11	0.01	11	0.01	0.00
India	228	2.40	228	2.07	0.32
Indonesia	42	0.36	42	0.20	0.16
Ireland	5	0.32	5	0.07	0.25
Israel	30	0.16	30	0.16	0.00
Italy	35	0.92	35	0.70	0.22
Japan	506	6.39	506	6.36	0.03
Korea	159	1.42	159	1.31	0.10
Kuwait	8	0.06	8	0.08	-0.02
Malaysia	39	0.33	39	0.17	0.16
Mexico	38	0.27	38	0.31	-0.04
Netherlands	31	0.87	31	1.18	-0.31
New Zealand	15	0.23	15	0.07	0.16
Norway	18	0.49	18	0.15	0.34
Pakistan	1	0.00	1	0.00	0.00
Philippines	24	0.23	24	0.07	0.15
Poland	10	0.29	10	0.08	0.21
Portugal	4	0.13	4	0.04	0.09
Qatar	17	0.09	17	0.09	0.00
Romania	7	0.01	7	0.01	0.00
Saudi Arabia	60	0.35	60	0.46	-0.11
Singapore	36	0.34	36	0.30	0.03
South Africa	40	0.39	40	0.29	0.10
Spain	25	0.71	25	0.65	0.06
Sweden	52	1.24	52	0.77	0.47
Switzerland	52	1.21	52	2.16	-0.96
Taiwan	122	1.25	122	1.81	-0.56
Thailand	50	0.36	50	0.19	0.17
Turkiye	109	0.14	109	0.12	0.02
UAE	31	0.20	31	0.16	0.04
UK	103	3.56	103	3.56	-0.01
USA	578	62.86	578	62.13	0.73
Totals	3348	100.00	4292	100.00	

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