

FTSE EDHEC-Risk Efficient Index Series

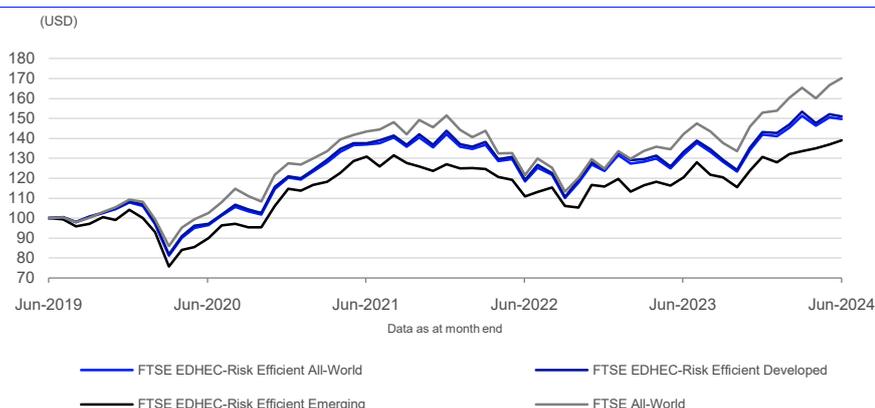
Data as at: 28 June 2024

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	3351	2072	1279	4291
Dividend Yield %	2.39	2.29	3.29	1.90
Constituent (Wgt %)				
Average	0.03	0.05	0.08	0.02
Largest	0.56	0.62	1.44	4.44
Median	0.01	0.02	0.04	0.00
Top 10 Holdings (Wgt %)	3.95	4.34	8.16	21.95

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	-1.1	5.5	5.5	13.5	9.3	49.7	3.0	8.4	9.3	14.7	17.8
FTSE EDHEC-Risk Efficient Developed	-1.6	5.4	5.4	13.3	9.7	50.9	3.1	8.6	9.8	15.3	18.1
FTSE EDHEC-Risk Efficient Emerging	4.1	6.4	6.4	15.3	6.2	39.0	2.0	6.8	10.0	12.7	17.4
FTSE All-World	2.9	11.3	11.3	19.7	18.7	70.2	5.9	11.2	9.4	15.4	17.4
FTSE Developed	2.6	11.6	11.6	20.4	22.4	76.9	7.0	12.1	9.7	15.9	17.8
FTSE Emerging	5.8	8.4	8.4	13.9	-9.1	22.4	-3.1	4.1	11.7	15.7	17.9

* 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

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	1.5	0.2	0.5	0.5	-11.4	-23.2	-36.4	-36.4
FTSE EDHEC-Risk Efficient Developed	1.4	0.2	0.5	0.5	-11.6	-23.7	-36.5	-36.5
FTSE EDHEC-Risk Efficient Emerging	1.5	0.2	0.4	0.3	-10.5	-21.0	-36.3	-38.0
FTSE All-World	2.2	0.4	0.6	0.6	-10.4	-26.0	-33.7	-33.7
FTSE Developed	2.2	0.4	0.7	0.6	-10.4	-26.1	-34.0	-34.0
FTSE Emerging	1.1	-0.2	0.2	0.2	-11.3	-32.5	-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/Market	ICB Sector	FTSE EDHEC-Risk Efficient Developed (Wgt %)	FTSE Developed (Wgt %)	Diff %
Marathon Petroleum	USA	Oil Gas and Coal	0.62	0.09	0.53
O Reilly Auto	USA	Retailers	0.52	0.09	0.43
Howmet Aerospace Inc	USA	Aerospace and Defense	0.46	0.05	0.41
Walmart	USA	Retailers	0.41	0.44	-0.02
Colgate-Palmolive	USA	Personal Care Drug and Grocery Stores	0.41	0.12	0.29
Chipotle Mexican Grill	USA	Travel and Leisure	0.40	0.13	0.27
Coca-Cola	USA	Beverages	0.39	0.37	0.03
Applied Materials	USA	Technology Hardware and Equipment	0.38	0.29	0.09
Merck & Co	USA	Pharmaceuticals and Biotechnology	0.38	0.47	-0.09
Pepsico	USA	Beverages	0.37	0.34	0.04
Totals			4.34	2.39	

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	1.44	0.16	1.28
Adani Enterprises	India	General Industrials	0.89	0.16	0.73
Delta Electronics (Thailand)	Thailand	Technology Hardware and Equipment	0.81	0.09	0.72
Varun Beverages	India	Beverages	0.79	0.12	0.66
Bharat Petroleum Corp	India	Oil Gas and Coal	0.77	0.10	0.67
Evergreen Marine	Taiwan	Industrial Transportation	0.77	0.08	0.69
Indian Oil	India	Oil Gas and Coal	0.71	0.11	0.60
Gold Fields	South Africa	Precious Metals and Mining	0.69	0.18	0.51
Titan	India	Personal Goods	0.66	0.23	0.43
Bharat Electronics	India	Aerospace and Defense	0.63	0.18	0.45
Totals			8.16	1.41	

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	296	12.86	421	28.81	-15.95
15	Telecommunications	111	3.12	130	2.76	0.36
20	Health Care	246	9.40	350	10.58	-1.19
30	Financials	522	12.35	614	14.26	-1.91
35	Real Estate	208	4.62	240	2.20	2.42
40	Consumer Discretionary	507	15.14	621	13.32	1.82
45	Consumer Staples	261	9.45	324	5.11	4.34
50	Industrials	616	14.85	788	12.49	2.36
55	Basic Materials	257	4.51	387	3.20	1.31
60	Energy	140	6.79	183	4.47	2.32
65	Utilities	187	6.92	233	2.80	4.12
Totals		3351	100.00	4291	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	0.974	0.880	0.809
FTSE All-World		1.000	0.980	0.998	0.847	0.799
FTSE EDHEC-Risk Efficient Developed			1.000	0.977	0.855	0.784
FTSE Developed				1.000	0.814	0.755
FTSE EDHEC-Risk Efficient Emerging					1.000	0.939
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	105	1.16	105	1.84	-0.68
Austria	7	0.29	7	0.05	0.25
Belgium	14	0.35	14	0.21	0.14
Brazil	82	0.45	82	0.48	-0.03
Canada	48	2.33	48	2.28	0.04
Chile	21	0.13	21	0.05	0.07
China	298	1.65	1238	2.75	-1.10
Colombia	3	0.02	3	0.01	0.01
Czech Rep.	4	0.01	4	0.01	-0.01
Denmark	18	0.75	18	0.84	-0.09
Egypt	3	0.02	3	0.01	0.02
Finland	14	0.41	14	0.23	0.18
France	69	1.64	69	2.43	-0.79
Germany	70	1.90	70	1.92	-0.03
Greece	29	0.05	29	0.06	-0.01
Hong Kong	72	0.83	72	0.48	0.36
Hungary	4	0.02	4	0.03	-0.01
Iceland	11	0.01	11	0.01	0.00
India	231	2.88	231	2.29	0.59
Indonesia	42	0.34	42	0.18	0.16
Ireland	5	0.31	5	0.06	0.24
Israel	30	0.15	30	0.14	0.00
Italy	34	0.83	34	0.65	0.19
Japan	502	5.95	502	5.87	0.08
Korea	160	1.43	160	1.26	0.17
Kuwait	8	0.06	8	0.08	-0.02
Malaysia	39	0.35	39	0.18	0.18
Mexico	38	0.21	38	0.25	-0.04
Netherlands	31	0.88	31	1.18	-0.29
New Zealand	15	0.23	15	0.07	0.16
Norway	17	0.50	17	0.15	0.35
Pakistan	1	0.00	1	0.00	0.00
Philippines	24	0.22	24	0.06	0.16
Poland	10	0.33	10	0.08	0.24
Portugal	4	0.14	4	0.04	0.10
Qatar	17	0.09	17	0.09	0.00
Romania	7	0.02	7	0.02	0.00
Saudi Arabia	62	0.32	62	0.44	-0.11
Singapore	36	0.34	36	0.30	0.03
South Africa	40	0.40	40	0.31	0.09
Spain	25	0.68	25	0.61	0.07
Sweden	52	1.28	52	0.76	0.52
Switzerland	52	1.20	52	2.16	-0.96
Taiwan	122	1.31	122	2.01	-0.70
Thailand	50	0.35	50	0.17	0.18
Turkiye	111	0.17	111	0.13	0.04
UAE	32	0.20	32	0.16	0.05
UK	103	3.58	103	3.56	0.02
USA	579	63.21	579	63.03	0.19
Totals	3351	100.00	4291	100.00	

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