

# FTSE EDHEC-Risk Efficient European Indices

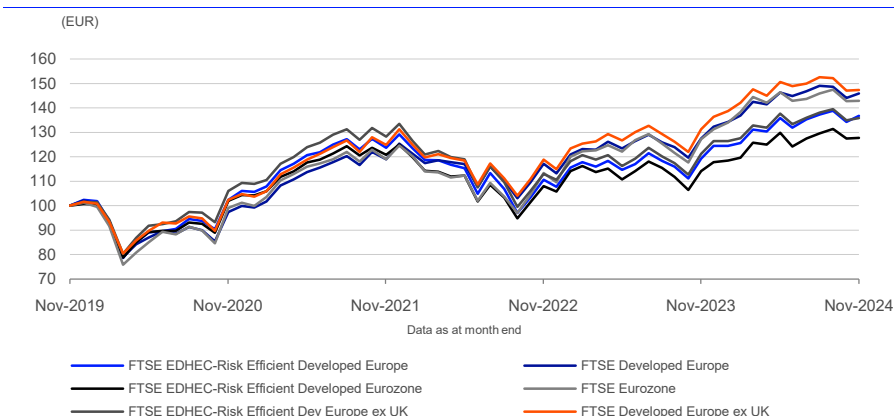
Data as at: 29 November 2024

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



## Performance and Volatility - Total Return

Index (EUR)	Return %						Return pa %*		Volatility %**		
	3M	6M	YTD	12M	3YR	5YR	3YR	5YR	1YR	3YR	5YR
FTSE EDHEC-Risk Efficient Developed Europe	-0.4	0.6	9.9	14.7	10.6	36.8	3.4	6.5	10.0	13.7	17.2
FTSE Developed Europe	-2.1	-0.3	10.3	14.5	22.7	46.0	7.1	7.9	10.1	12.5	15.8
FTSE EDHEC-Risk Efficient Developed Eurozone	-1.4	-1.6	8.4	11.9	5.7	27.8	1.9	5.0	10.1	13.7	16.8
FTSE Eurozone	-2.1	-2.4	8.9	12.3	20.1	42.9	6.3	7.4	11.6	14.2	18.1
FTSE EDHEC-Risk Efficient Dev Europe ex UK	-1.6	-1.3	7.5	12.1	5.9	35.9	1.9	6.3	10.0	13.7	16.8
FTSE Developed Europe ex UK	-3.4	-2.2	8.1	12.3	18.1	47.4	5.7	8.1	10.6	12.9	16.1

\* 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 indices are calculated based on price and total return methodologies, both real time and end of day. Net Total Return indices are 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 % (EUR)	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
FTSE EDHEC-Risk Efficient Developed Europe	10.7	14.6	1.5	13.9	-8.8	24.5	3.5	21.9	-16.6	15.5
FTSE Developed Europe	7.4	9.3	3.1	11.1	-10.1	26.9	-2.2	25.5	-9.7	16.9
FTSE EDHEC-Risk Efficient Developed Eurozone	7.7	15.1	4.5	18.2	-8.9	20.9	3.7	19.7	-15.3	11.4
FTSE Eurozone	4.9	10.5	5.3	13.9	-12.0	26.1	0.0	23.2	-12.1	19.8
FTSE EDHEC-Risk Efficient Dev Europe ex UK	9.3	16.3	4.7	17.6	-8.1	22.6	7.8	22.0	-17.1	14.2
FTSE Developed Europe ex UK	7.3	11.6	3.3	12.7	-10.1	27.6	3.0	25.3	-12.5	18.6

Return/Risk Ratio and Drawdown - Total Return

Index (EUR)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE EDHEC-Risk Efficient Developed Europe	1.5	0.2	0.4	0.5	-7.1	-27.3	-35.6	-35.6
FTSE Developed Europe	1.4	0.5	0.5	0.5	-7.0	-20.0	-35.4	-35.4
FTSE EDHEC-Risk Efficient Developed Eurozone	1.2	0.1	0.3	0.5	-8.4	-26.5	-34.8	-34.8
FTSE Eurozone	1.0	0.4	0.4	0.5	-9.3	-24.6	-37.9	-37.9
FTSE EDHEC-Risk Efficient Dev Europe ex UK	1.2	0.1	0.4	0.5	-7.5	-27.6	-33.7	-33.7
FTSE Developed Europe ex UK	1.2	0.4	0.5	0.5	-7.8	-22.7	-34.4	-34.4

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

ICB Industry Breakdown

ICB Industry	FTSE EDHEC-Risk Efficient Developed Europe		FTSE Developed Europe		Diff %	FTSE EDHEC-Risk Efficient Developed Eurozone		FTSE Eurozone		Diff %
	No. of Cons	Wgt %	No. of Cons	Wgt %		No. of Cons	Wgt %	No. of Cons	Wgt %	
Technology	22	4.42	22	7.71	-3.29	15	6.01	16	14.33	-8.32
Telecommunications	19	4.60	19	2.81	1.79	11	5.56	12	4.05	1.52
Health Care	51	10.28	51	15.51	-5.23	24	11.84	24	7.32	4.52
Financials	98	18.67	98	19.80	-1.12	49	19.41	54	20.12	-0.71
Real Estate	21	2.92	21	1.18	1.73	10	2.86	11	1.20	1.66
Consumer Discretionary	70	12.82	70	11.69	1.13	39	11.67	44	15.12	-3.45
Consumer Staples	40	9.83	40	9.00	0.83	17	8.78	18	4.66	4.12
Industrials	115	21.80	115	18.40	3.39	53	17.68	60	18.47	-0.79
Basic Materials	37	5.72	37	4.68	1.04	18	4.86	19	4.43	0.43
Energy	17	4.19	17	5.23	-1.03	10	5.22	12	4.42	0.80
Utilities	27	4.76	27	4.01	0.75	20	6.11	25	5.89	0.23
Totals	517	100.00	517	100.00		266	100.00	295	100.00	

5-Year Correlation - Total Return

	FTSE EDHEC-Risk Efficient Developed Europe	FTSE Developed Europe	FTSE EDHEC-Risk Efficient Developed Eurozone	FTSE Eurozone	FTSE EDHEC-Risk Efficient Dev Europe ex UK	FTSE Developed Europe ex UK
FTSE EDHEC-Risk Efficient Developed Europe	1.000	0.987	0.941	0.976	0.997	0.983
FTSE Developed Europe		1.000	0.931	0.990	0.984	0.996
FTSE EDHEC-Risk Efficient Developed Eurozone			1.000	0.934	0.936	0.924
FTSE Eurozone				1.000	0.974	0.991
FTSE EDHEC-Risk Efficient Dev Europe ex UK					1.000	0.985
FTSE Developed Europe ex UK						1.000

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

Country/Market Breakdown

	FTSE EDHEC-Risk Efficient Developed Europe		FTSE Developed Europe		
Country/Market	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
Austria	7	1.89	7	0.34	1.55
Belgium	13	2.35	13	1.56	0.79
Denmark	19	5.06	19	4.76	0.30
Finland	14	2.98	14	1.51	1.47
France	67	10.64	67	15.93	-5.29
Germany	67	12.50	67	13.81	-1.31
Ireland	5	1.78	5	0.43	1.35
Italy	36	5.45	36	4.51	0.95
Netherlands	29	5.74	29	6.58	-0.84
Norway	16	3.26	16	0.98	2.28
Poland	10	1.79	10	0.48	1.30
Portugal	4	0.98	4	0.24	0.74
Spain	24	4.08	24	4.28	-0.19
Sweden	53	8.47	53	4.99	3.48
Switzerland	53	8.11	53	14.78	-6.67
UK	100	24.91	100	24.82	0.09
Totals	517	100.00	517	100.00	

Index Characteristics

Attributes	FTSE EDHEC-Risk Efficient Developed Europe	FTSE Developed Europe	FTSE EDHEC-Risk Efficient Developed Eurozone	FTSE Eurozone
Number of constituents	517	517	266	295
Net MCap (EURm)	10,419,143	10,392,743	5,043,278	5,153,193
Dividend Yield %	3.42	3.19	3.61	3.26
Constituent Sizes (Net MCap EURm)				
Average	20,153	20,102	18,960	17,468
Largest	122,421	313,580	80,815	258,971
Smallest	1,911	192	2,928	145
Median	15,597	7,607	15,445	6,546
Weight of Largest Constituent (%)	1.17	3.02	1.60	5.03
Top 10 Holdings (% Index MCap)	8.13	20.37	11.21	27.80

About EDHEC-Risk Institute

Since 2001 EDHEC-Risk has been pursuing a policy, known as “Research for Business”, which aims to make EDHEC-Risk an academic institution of reference for the industry in terms of expertise and research results.

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.

EDHEC-Risk plays a noted role in furthering applied financial research, highlighting its practical uses. As part of its “Research for Business” philosophy, EDHEC-Risk maintains a dialogue with professionals, which benefits the industry as a whole.

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