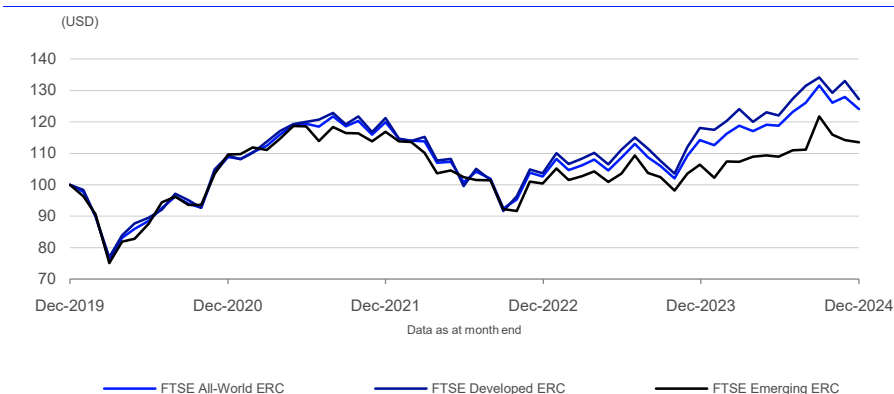


# FTSE All-World Equal Risk Contribution Indices

Data as at: 31 December 2024

The FTSE Global Equal Risk Contribution Index Series has been designed to monitor the performance of an index consisting of securities that are weighted such that each large cap security contributes equally to overall portfolio risk. The indices comprising the FTSE Global Equal Risk Contribution Index Series consist of the constituents of the corresponding underlying universe of the FTSE All-World Index Series at the time of the semi-annual review (but may differ between reviews due to intra-review additions to the underlying index).

## 5-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
FTSE All-World ERC	-5.7	4.4	8.7	8.7	3.5	24.1	1.2	4.4	8.0	12.7	16.1
FTSE Developed ERC	-5.2	4.3	7.7	7.7	4.9	27.2	1.6	4.9	9.1	14.4	17.1
FTSE Emerging ERC	-6.8	4.2	6.7	6.7	-2.9	13.5	-1.0	2.6	10.6	12.8	16.6

\* 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)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
FTSE All-World ERC	-4.2	7.2	26.0	-9.9	19.6	8.9	10.1	-14.4	11.3	8.7
FTSE Developed ERC	-0.4	6.7	24.9	-9.6	22.0	9.2	11.1	-14.5	13.9	7.7
FTSE Emerging ERC	-15.7	9.2	29.5	-12.0	14.9	9.6	6.6	-14.1	6.0	6.7

## Return/Risk Ratio and Drawdown - Total Return

Index (USD)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE All-World ERC	1.0	0.1	0.3	0.4	-5.9	-23.6	-34.4	-34.4
FTSE Developed ERC	0.8	0.1	0.3	0.4	-6.4	-25.2	-34.7	-34.7
FTSE Emerging ERC	0.6	0.0	0.2	0.2	-7.1	-22.7	-33.1	-35.6

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

Drawdown - based on daily data

## FEATURES

### Methodology

The approach applies an optimisation algorithm to determine the weighting scheme such that each large cap security contributes equally to overall portfolio risk. The weightings that result from the optimisation are normalised, so the large and mid capitalisation weighting split of each index is equal to the weighting split of the large cap and mid cap segments of the relevant underlying index.

### Objective

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

### Investability

Stocks in the underlying universe are free-float weighted to ensure that only the investable opportunity set is included.

### Liquidity

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

### Transparency

The indices use a transparent, rules-based construction process. Index Rules are freely available on the FTSE website.

### Availability

The indices are calculated based on price and total return methodologies, available end-of-day. Net TRI versions of the indices are also available.

### Industry Classification Benchmark

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

Top 10 Constituents - FTSE Developed Equal Risk Contribution Index

Constituent	Country/Market	ICB Sector	Net MCap (USDm)	Wgt %
McKesson	USA	Personal Care Drug and Grocery Stores	1,287,703	1.93
Northrop Grumman Corp	USA	Aerospace and Defense	431,606	0.65
Progressive Corp	USA	Non-life Insurance	306,850	0.46
Merck & Co	USA	Pharmaceuticals and Biotechnology	302,907	0.45
O Reilly Auto	USA	Retailers	269,770	0.40
Lockheed Martin Corp	USA	Aerospace and Defense	257,686	0.39
Johnson & Johnson	USA	Pharmaceuticals and Biotechnology	252,505	0.38
Bristol Myers Squibb	USA	Pharmaceuticals and Biotechnology	239,865	0.36
Unitedhealth Group	USA	Health Care Providers	235,430	0.35
T-Mobile US Inc.	USA	Telecommunications Service Providers	227,038	0.34
Totals			3,811,361	5.72

Top 10 Constituents - FTSE Emerging Equal Risk Contribution Index

Constituent	Country/Market	ICB Sector	Net MCap (USDm)	Wgt %
Alpha Dhabi Holding	UAE	General Industrials	69,033	0.92
Dubai Electricity and Water Authority	UAE	Electricity	35,394	0.47
Americana Restaurants	UAE	Travel and Leisure	30,773	0.41
BOROUGE	UAE	Chemicals	28,287	0.38
ADNOC Drilling Company	UAE	Oil Gas and Coal	23,448	0.31
Ooredoo QSC	Qatar	Telecommunications Service Providers	22,668	0.30
Arca Continental SAB de CV	Mexico	Beverages	18,438	0.25
First Abu Dhabi Bank PJSC	UAE	Banks	17,069	0.23
Nestle (Malaysia)	Malaysia	Food Producers	17,067	0.23
Saudi Electricity Co	Saudi Arabia	Electricity	16,992	0.23
Totals			279,168	3.71

INFORMATION

Index Universe

FTSE All-World Index

Index Launch

12 September 2013

Base Date

18 March 2013

Base Value

1000

Investability Screen

Actual free float applied and liquidity screened

Index Calculation

End-of-day

End-of-Day Distribution

Via FTP and email

Currency

USD, EUR, GBP, JPY, AUD

Review Dates

Semi-annually in March and September

History

Available from 2003

Country/Market Breakdown

Country/Market	FTSE All-World ERC			FTSE All-World		
	No. of Cons	Net MCap (USDm)	Wgt %	No. of Cons	Net MCap (USDm)	Wgt %
Australia	104	1,600,803	2.14	104	1,328,353	1.70
Austria	7	38,591	0.05	7	38,223	0.05
Belgium	13	240,263	0.32	13	165,918	0.21
Brazil	81	1,192,820	1.59	81	308,168	0.39
Canada	48	1,363,891	1.82	48	1,861,203	2.38
Chile	20	324,085	0.43	20	40,730	0.05
China	1231	10,775,773	14.38	1233	2,349,363	3.00
Colombia	4	51,474	0.07	4	8,471	0.01
Czech Rep.	4	113,333	0.15	4	10,707	0.01
Denmark	18	327,221	0.44	18	451,002	0.58
Egypt	1	3,496	0.00	1	3,867	0.00
Finland	14	193,613	0.26	14	160,295	0.21
France	67	1,241,579	1.66	67	1,738,157	2.22
Germany	67	1,243,782	1.66	67	1,500,149	1.92
Greece	29	369,859	0.49	29	46,379	0.06
Hong Kong	70	1,274,658	1.70	70	380,727	0.49
Hungary	5	110,554	0.15	5	21,036	0.03
Iceland	9	26,847	0.04	9	6,899	0.01
India	243	7,192,391	9.60	244	1,689,099	2.16
Indonesia	39	475,845	0.64	39	127,118	0.16
Ireland	5	47,148	0.06	5	47,351	0.06
Israel	29	416,120	0.56	29	138,971	0.18
Italy	36	393,941	0.53	36	493,964	0.63
Japan	495	5,898,074	7.87	495	4,483,863	5.73
Korea	158	1,304,541	1.74	159	721,258	0.92
Kuwait	8	211,863	0.28	8	61,944	0.08
Malaysia	39	912,599	1.22	39	149,034	0.19
Mexico	37	657,047	0.88	37	154,974	0.20
Netherlands	30	590,738	0.79	31	726,537	0.93
New Zealand	13	164,949	0.22	13	53,843	0.07
Norway	16	119,912	0.16	16	101,694	0.13
Philippines	23	297,414	0.40	23	47,466	0.06
Poland	10	51,894	0.07	10	53,786	0.07
Portugal	4	25,082	0.03	4	25,082	0.03
Qatar	17	327,792	0.44	17	70,673	0.09
Romania	7	92,254	0.12	7	10,663	0.01
Saudi Arabia	64	1,250,985	1.67	65	350,310	0.45
Singapore	35	757,099	1.01	35	254,234	0.33
South Africa	40	368,976	0.49	40	240,770	0.31
Spain	24	517,845	0.69	24	458,208	0.59
Sweden	53	580,612	0.78	53	534,398	0.68
Switzerland	53	1,085,974	1.45	53	1,556,478	1.99
Taiwan	128	2,503,057	3.34	128	1,548,919	1.98
Thailand	50	807,083	1.08	50	148,872	0.19
Turkiye	114	923,008	1.23	115	88,196	0.11
UAE	32	1,227,551	1.64	33	142,972	0.18
UK	101	1,897,905	2.53	101	2,630,428	3.36
USA	544	23,319,173	31.13	544	50,654,047	64.79
Totals	4239	74,911,515	100.00	4247	78,184,799	100.00

ICB Industry Breakdown - FTSE Developed Equal Risk Contribution Index

		FTSE Developed ERC			FTSE Developed		
ICB Code	ICB Industry	No. of Cons	Net MCap (USDm)	Wgt %	No. of Cons	Net MCap (USDm)	Wgt %
10	Technology	192	6,198,624	9.30	192	20,680,985	29.31
15	Telecommunications	49	2,431,761	3.65	49	1,781,533	2.52
20	Health Care	165	7,258,605	10.89	165	7,092,833	10.05
30	Financials	288	11,122,472	16.68	289	10,015,108	14.19
35	Real Estate	138	2,737,324	4.11	138	1,564,017	2.22
40	Consumer Discretionary	327	9,156,882	13.73	327	10,376,956	14.71
45	Consumer Staples	156	6,911,985	10.37	156	3,407,808	4.83
50	Industrials	406	12,042,411	18.06	407	9,346,783	13.25
55	Basic Materials	130	2,517,678	3.78	130	1,744,669	2.47
60	Energy	71	2,656,243	3.98	71	2,641,520	3.74
65	Utilities	92	3,647,796	5.47	92	1,905,956	2.70
Totals		2014	66,681,783	100.00	2016	70,558,168	100.00

ICB Industry Breakdown - FTSE Emerging Equal Risk Contribution Index

		FTSE Emerging ERC			FTSE Emerging		
ICB Code	ICB Industry	No. of Cons	Net MCap (USDm)	Wgt %	No. of Cons	Net MCap (USDm)	Wgt %
10	Technology	230	686,416	9.12	230	2,120,662	27.81
15	Telecommunications	73	334,373	4.44	74	330,936	4.34
20	Health Care	183	503,747	6.69	184	264,675	3.47
30	Financials	331	1,576,753	20.95	331	1,770,999	23.22
35	Real Estate	95	222,948	2.96	95	164,981	2.16
40	Consumer Discretionary	271	800,004	10.63	274	888,068	11.64
45	Consumer Staples	162	672,454	8.94	162	380,653	4.99
50	Industrials	375	1,143,271	15.19	376	617,127	8.09
55	Basic Materials	249	619,298	8.23	249	398,488	5.22
60	Energy	113	425,649	5.66	113	424,141	5.56
65	Utilities	143	539,685	7.17	143	265,899	3.49
Totals		2225	7,524,597	100.00	2231	7,626,630	100.00

Index Characteristics

Attributes	FTSE All-World ERC	FTSE All-World
Number of constituents	4239	4247
Net MCap (USDm)	74,911,515	78,184,799
Dividend Yield %	2.67	1.85
Constituent Sizes (Net MCap USDm)		
Average	17,672	18,409
Largest	1,476,223	3,579,296
Smallest	0	0
Median	7,095	2,544
Weight of Largest Constituent (%)	1.97	4.58
Top 10 Holdings (% Index MCap)	6.04	23.25

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