

FTSE All-World Equal Risk Contribution Indices

Data as at: 28 June 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).

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.

5-Year Performance - Total Return

INFORMATION

Index Universe

Casablanca Stock Exchange

Index Launch

29th November 2010

Base Date

30th June 2010

Base Value

10000

Investability Screen

Free-float adjusted and liquidity screened

Index Calculation

Real-time and end-of-day index available

End-of-Day Distribution

Via FTP and email

Currency

USD, EUR, MAD

Review Dates

June, December

History

29th June 2007 onwards

Casablanca Stock Exchange

www.casablanca-bourse.com

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

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	0.0	4.0	4.0	9.4	-0.5	26.1	-0.2	4.7	7.8	12.4	15.9
FTSE Developed ERC	-1.7	3.3	3.3	9.7	1.6	31.1	0.5	5.6	8.8	14.0	16.8
FTSE Emerging ERC	1.6	2.4	2.4	5.3	-8.1	13.2	-2.8	2.5	9.2	12.1	16.2

* 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

Year-on-Year Performance - Total Return

Index % (USD)	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
FTSE All-World ERC	5.7	-4.2	7.2	26.0	-9.9	19.6	8.9	10.1	-14.4	11.3
FTSE Developed ERC	5.4	-0.4	6.7	24.9	-9.6	22.0	9.2	11.1	-14.5	13.9
FTSE Emerging ERC	4.3	-15.7	9.2	29.5	-12.0	14.9	9.6	6.6	-14.1	6.0

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	1.3	0.0	0.3	0.4	-10.4	-25.6	-34.4	-34.4
FTSE Developed ERC	1.2	0.0	0.3	0.4	-10.5	-27.2	-34.7	-34.7
FTSE Emerging ERC	0.6	-0.2	0.2	0.2	-11.3	-23.9	-33.1	-35.6

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

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	301,037	0.47
Merck & Co	USA	Pharmaceuticals and Biotechnology	298,270	0.47
Northrop Grumman Corp	USA	Aerospace and Defense	297,459	0.46
Lockheed Martin Corp	USA	Aerospace and Defense	275,591	0.43
Humana	USA	Health Care Providers	248,883	0.39
Lilly (Eli) & Co	USA	Pharmaceuticals and Biotechnology	242,993	0.38
Johnson & Johnson	USA	Pharmaceuticals and Biotechnology	239,232	0.37
Amgen Corp	USA	Pharmaceuticals and Biotechnology	231,925	0.36
Colgate-Palmolive	USA	Personal Care Drug and Grocery Stores	230,737	0.36
Progressive Corp	USA	Non-life Insurance	213,844	0.33
Totals			2,579,972	4.03

Top 10 Constituents - FTSE Emerging Equal Risk Contribution Index

Constituent	Country/Market	ICB Sector	Net MCap (USDm)	Wgt %
Saudi Electricity Co	Saudi Arabia	Electricity	64,258	0.94
Alpha Dhabi Holding	UAE	General Industrials	27,979	0.41
Telekomunikasi Indonesia	Indonesia	Telecommunications Service Providers	22,812	0.33
Dubai Electricity and Water Authority	UAE	Electricity	21,801	0.32
BOROUGE	UAE	Chemicals	20,602	0.30
Migros Ticaret A.S	Turkiye	Personal Care Drug and Grocery Stores	19,947	0.29
ADNOC Drilling Company	UAE	Oil Gas and Coal	19,502	0.29
Cipla	India	Pharmaceuticals and Biotechnology	16,313	0.24
Saudi Telecom Co	Saudi Arabia	Telecommunications Service Providers	16,204	0.24
Nestle (Malaysia)	Malaysia	Food Producers	16,175	0.24
Totals			245,594	3.61

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	105	1,794,304	2.51	105	1,377,943	1.84
Austria	7	36,370	0.05	7	36,023	0.05
Belgium	14	171,506	0.24	14	159,406	0.21
Brazil	82	1,099,272	1.54	82	361,354	0.48
Canada	48	1,193,874	1.67	48	1,704,767	2.28
Chile	21	262,485	0.37	21	39,998	0.05
China	1237	9,157,878	12.80	1238	2,050,913	2.75
Colombia	3	47,132	0.07	3	8,273	0.01
Czech Rep.	4	93,543	0.13	4	10,173	0.01
Denmark	18	335,372	0.47	18	626,044	0.84
Egypt	3	4,005	0.01	3	4,031	0.01
Finland	14	194,357	0.27	14	171,867	0.23
France	69	1,092,980	1.53	69	1,818,408	2.43
Germany	70	1,078,570	1.51	70	1,436,729	1.92
Greece	28	347,913	0.49	29	44,490	0.06
Hong Kong	72	1,069,621	1.50	72	355,058	0.48
Hungary	4	96,088	0.13	4	19,780	0.03
Iceland	11	93,331	0.13	11	7,714	0.01
India	228	7,228,635	10.11	231	1,711,779	2.29
Indonesia	42	700,251	0.98	42	132,860	0.18
Ireland	5	47,965	0.07	5	47,044	0.06
Israel	30	232,703	0.33	30	108,141	0.14
Italy	34	359,118	0.50	34	482,643	0.65
Japan	501	7,620,143	10.65	502	4,385,941	5.87
Korea	159	1,433,307	2.00	160	944,542	1.26
Kuwait	8	222,953	0.31	8	57,954	0.08
Malaysia	39	918,734	1.28	39	133,830	0.18
Mexico	38	739,356	1.03	38	184,862	0.25
Netherlands	31	509,663	0.71	31	878,336	1.18
New Zealand	15	189,927	0.27	15	53,539	0.07
Norway	17	121,292	0.17	17	111,586	0.15
Pakistan	1	313	0.00	1	313	0.00
Philippines	24	385,663	0.54	24	47,316	0.06
Poland	10	61,301	0.09	10	61,904	0.08
Portugal	4	82,663	0.12	4	30,127	0.04
Qatar	17	257,611	0.36	17	64,636	0.09
Romania	7	114,937	0.16	7	11,604	0.02
Saudi Arabia	60	1,153,100	1.61	62	324,909	0.44
Singapore	36	788,316	1.10	36	227,003	0.30
South Africa	40	362,545	0.51	40	235,149	0.31
Spain	25	493,235	0.69	25	459,255	0.61
Sweden	52	570,203	0.80	52	564,195	0.76
Switzerland	52	1,059,589	1.48	52	1,616,090	2.16
Taiwan	122	2,581,071	3.61	122	1,503,252	2.01
Thailand	50	726,926	1.02	50	128,320	0.17
Turkiye	109	1,108,150	1.55	111	99,088	0.13
UAE	32	851,487	1.19	32	117,765	0.16
UK	103	1,849,385	2.59	103	2,657,952	3.56
USA	579	20,582,142	28.78	579	47,073,217	63.03
Totals	4280	71,521,289	100.00	4291	74,688,125	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	190	5,453,061	8.51	191	19,545,162	29.00
15	Telecommunications	56	2,366,510	3.70	56	1,781,291	2.64
20	Health Care	172	7,514,222	11.73	172	7,670,583	11.38
30	Financials	288	10,294,130	16.07	288	9,001,268	13.36
35	Real Estate	140	3,131,253	4.89	140	1,490,131	2.21
40	Consumer Discretionary	345	8,015,946	12.52	345	9,148,064	13.58
45	Consumer Staples	159	6,447,983	10.07	159	3,424,404	5.08
50	Industrials	417	11,412,893	17.82	417	8,716,871	12.94
55	Basic Materials	138	2,552,117	3.99	139	1,949,688	2.89
60	Energy	71	2,779,542	4.34	71	2,853,864	4.23
65	Utilities	94	4,074,351	6.36	94	1,806,437	2.68
Totals		2070	64,042,009	100.00	2072	67,387,760	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	228	582,820	8.56	230	1,970,473	26.99
15	Telecommunications	74	339,018	4.98	74	282,684	3.87
20	Health Care	178	433,656	6.37	178	234,745	3.22
30	Financials	324	1,350,358	19.82	326	1,649,726	22.60
35	Real Estate	100	177,284	2.60	100	150,142	2.06
40	Consumer Discretionary	275	689,305	10.12	276	801,394	10.98
45	Consumer Staples	165	640,438	9.40	165	393,855	5.40
50	Industrials	368	1,015,810	14.91	371	609,731	8.35
55	Basic Materials	248	640,394	9.40	248	444,063	6.08
60	Energy	111	395,418	5.80	112	481,232	6.59
65	Utilities	139	547,201	8.03	139	282,319	3.87
Totals		2210	6,811,703	100.00	2219	7,300,365	100.00

Index Characteristics

Attributes	FTSE All-World ERC	FTSE All-World
Number of constituents	4280	4291
Net MCap (USDm)	71,521,289	74,688,125
Dividend Yield %	2.74	1.90
Constituent Sizes (Net MCap USDm)		
Average	16,711	17,406
Largest	848,085	3,319,306
Smallest	17	17
Median	7,152	2,503
Weight of Largest Constituent (%)	1.19	4.44
Top 10 Holdings (% Index MCap)	4.85	21.95

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