

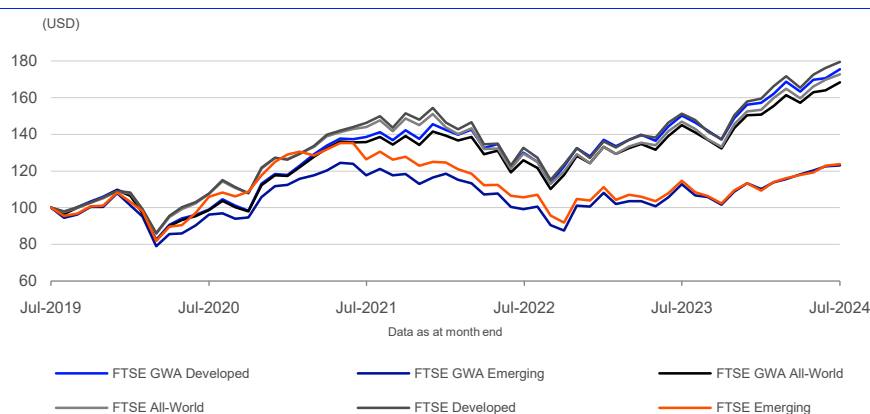
FTSE GWA Index Series

Data as at: 31 July 2024

The FTSE GWA Index Series provides investors with an alternatively weighted complement to the market cap weighted index. Constituents are weighted according to the company's ability to create shareholder wealth, measured by net profit, cash flow and book value*.

* From the March 2013 rebalance, the Book Value wealth proxy has evolved to better reflect the wealth creating assets of the company. See the Ground Rules for more information.

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 GWA Developed	7.4	11.6	12.3	16.9	26.7	75.5	8.2	11.9	8.9	15.0	18.2
FTSE GWA Emerging	4.2	11.7	8.7	9.2	4.6	23.2	1.5	4.3	11.6	15.9	18.3
FTSE GWA All-World	7.1	11.7	11.9	16.0	23.9	68.3	7.4	11.0	8.8	14.6	17.9
FTSE All-World	8.2	12.6	13.3	17.5	20.0	72.7	6.3	11.5	9.5	15.5	17.4
FTSE Developed	8.5	12.5	13.7	18.6	22.7	79.5	7.1	12.4	9.9	16.0	17.8
FTSE Emerging	5.0	13.2	9.2	8.0	-2.0	23.8	-0.7	4.4	11.4	15.5	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

Year-on-Year Performance - Total Return

Index % (USD)	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
FTSE GWA Developed	4.2	-2.7	10.0	24.0	-10.5	26.4	7.8	22.9	-12.0	22.1
FTSE GWA Emerging	-0.2	-15.8	19.3	28.1	-9.2	19.5	3.6	4.2	-13.6	12.6
FTSE GWA All-World	3.8	-4.1	10.9	24.5	-10.2	25.6	7.4	20.4	-12.2	21.0
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

FEATURES

Coverage

Global based on FTSE Developed and FTSE Emerging universes. UK based on FTSE All-Share universe.

Objective

The indices are designed for the creation of index tracking funds, derivatives and Exchange Traded Funds (ETFs).

Investability

Stocks are selected and weighted to ensure that the index is investable.

Liquidity

Stocks are screened to ensure that the index is 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.

Industry Classification Benchmark

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

Return/Risk Ratio and Drawdown - Total Return

Index (USD)	Return/Risk Ratio				Drawdown (%)			
	1YR	3YR	5YR	10YR	1YR	3YR	5YR	10YR
FTSE GWA Developed	1.8	0.5	0.7	0.6	-9.6	-23.7	-36.5	-36.5
FTSE GWA Emerging	0.8	0.1	0.2	0.2	-10.2	-29.3	-35.1	-37.7
FTSE GWA All-World	1.7	0.5	0.6	0.6	-9.6	-23.9	-36.3	-36.3
FTSE All-World	1.8	0.4	0.7	0.6	-10.4	-26.0	-33.7	-33.7
FTSE Developed	1.8	0.4	0.7	0.7	-10.4	-26.1	-34.0	-34.0
FTSE Emerging	0.7	-0.1	0.2	0.2	-11.3	-30.9	-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 GWA All-World Index

Constituent	Country/Market	ICB Sector	FTSE GWA All-World (Wgt %)	FTSE All-World (Wgt %)	Diff %
Apple Inc.	USA	Technology Hardware and Equipment	3.18	4.25	-1.07
Microsoft Corp	USA	Software and Computer Services	2.76	4.09	-1.33
Amazon.Com	USA	Retailers	1.92	2.28	-0.36
Nvidia	USA	Technology Hardware and Equipment	1.60	3.66	-2.06
Exxon Mobil Corporation	USA	Oil Gas and Coal	1.53	0.70	0.83
Meta Platforms Inc	USA	Software and Computer Services	0.99	1.37	-0.37
Alphabet Class C	USA	Software and Computer Services	0.94	1.12	-0.18
Alphabet Class A	USA	Software and Computer Services	0.86	1.33	-0.47
JPMorgan Chase & Co	USA	Banks	0.85	0.80	0.05
Berkshire Hathaway B	USA	Investment Banking and Brokerage Services	0.80	0.75	0.04
Totals			15.43	20.35	

Top 10 Constituents - FTSE GWA Developed Index

Constituent	Country/Market	ICB Sector	FTSE GWA Developed (Wgt %)	FTSE Developed (Wgt %)	Diff %
Apple Inc.	USA	Technology Hardware and Equipment	3.55	4.70	-1.15
Microsoft Corp	USA	Software and Computer Services	3.08	4.53	-1.45
Amazon.Com	USA	Retailers	2.14	2.53	-0.39
Nvidia	USA	Technology Hardware and Equipment	1.78	4.05	-2.27
Exxon Mobil Corporation	USA	Oil Gas and Coal	1.70	0.77	0.93
Meta Platforms Inc	USA	Software and Computer Services	1.11	1.51	-0.40
Alphabet Class C	USA	Software and Computer Services	1.05	1.24	-0.19
Alphabet Class A	USA	Software and Computer Services	0.96	1.47	-0.51
JPMorgan Chase & Co	USA	Banks	0.95	0.89	0.06
Berkshire Hathaway B	USA	Investment Banking and Brokerage Services	0.89	0.83	0.05
Totals			17.21	22.52	

INFORMATION

Index Universe

FTSE Developed Indices, FTSE Emerging Indices, FTSE All-Share Index (UK)

Index Series Launch

17 October 2005

Base Date

30 June 2005

Base Value

3000

Investability Screen

Actual free float applied and liquidity screened

Index Calculation

Real time for FTSE GWA US Index.
Remaining indices available end of day

End-of-Day Distribution

Via FTP and email

Currency

USD,Yen, Sterling,Euro, Australian dollar

Review Dates

Quarterly in March, June, September, December

History

FTSE GWA Developed: from July 2000

Top 10 Constituents - FTSE GWA Emerging Index

Constituent	Country/Market	ICB Sector	FTSE GWA Emerging (Wgt %)	FTSE Emerging (Wgt %)	Diff %
Taiwan Semiconductor Manufacturing	Taiwan	Technology Hardware and Equipment	6.48	9.32	-2.84
Tencent Holdings (P Chip)	China	Software and Computer Services	3.83	3.98	-0.15
Alibaba Group Holding (P Chip)	China	Retailers	3.44	2.30	1.15
Petrobras PN	Brazil	Oil Gas and Coal	2.06	0.51	1.55
Vale SA	Brazil	Industrial Metals and Mining	1.92	0.58	1.34
Petrobras ON	Brazil	Oil Gas and Coal	1.49	0.36	1.12
Hon Hai Precision Industry	Taiwan	Technology Hardware and Equipment	1.26	0.98	0.27
Reliance Industries	India	Oil Gas and Coal	1.24	1.63	-0.39
PDD Holdings Inc ADS (N Shares)	China	Software and Computer Services	1.04	1.24	-0.20
Naspers	South Africa	Software and Computer Services	0.91	0.48	0.43
Totals			23.67	21.38	

ICB Supersector Breakdown

ICB Supersector	FTSE GWA Developed		FTSE Developed		Diff %	FTSE GWA Emerging		FTSE Emerging		Diff %
	No. of Cons	Wgt %	No. of Cons	Wgt %		No. of Cons	Wgt %	No. of Cons	Wgt %	
Technology	190	18.68	190	27.64	-8.97	229	21.89	229	26.11	-4.22
Telecommunications	56	3.70	56	2.69	1.01	74	4.16	74	3.89	0.27
Health Care	172	11.29	172	11.54	-0.25	178	2.53	178	3.37	-0.84
Banks	107	8.05	107	6.04	2.01	166	16.02	166	17.14	-1.12
Financial Services	97	4.93	97	4.72	0.21	116	2.38	116	2.93	-0.55
Insurance	84	3.33	84	3.13	0.20	44	2.16	44	2.75	-0.59
Real Estate	140	1.15	140	2.32	-1.17	100	1.70	100	2.08	-0.38
Automobiles and Parts	64	3.55	64	2.34	1.21	69	2.19	69	2.81	-0.61
Consumer Products and Services	103	2.59	103	2.58	0.00	82	2.37	82	2.53	-0.16
Media	39	1.16	39	1.28	-0.12	30	0.33	30	0.33	0.00
Retailers	61	4.92	61	5.54	-0.61	51	5.64	51	4.04	1.61
Travel and Leisure	78	1.51	78	1.66	-0.16	43	1.78	43	1.47	0.31
Food Beverage and Tobacco	102	3.83	102	3.22	0.61	114	3.47	114	3.58	-0.11
Personal Care Drug and Grocery Stores	57	2.38	57	1.97	0.41	51	1.47	51	1.94	-0.47
Construction and Materials	67	1.42	67	1.25	0.17	88	2.09	88	2.19	-0.10
Industrial Goods and Services	349	12.46	349	12.15	0.31	282	5.98	282	6.19	-0.21
Basic Resources	63	2.18	63	1.47	0.71	139	6.15	139	4.26	1.88
Chemicals	75	1.56	75	1.43	0.13	109	2.14	109	1.86	0.28
Energy	71	8.74	71	4.24	4.50	112	11.29	112	6.54	4.75
Utilities	94	2.59	94	2.78	-0.19	139	4.26	139	4.00	0.26
Totals	2069	100.00	2069	100.00		2216	100.00	2216	100.00	

Country/Market Breakdown

	FTSE GWA Developed		FTSE Developed		
Country/Market	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
Australia	103	2.09	103	2.03	0.06
Austria	7	0.11	7	0.05	0.05
Belgium	14	0.29	14	0.25	0.04
Canada	48	2.82	48	2.60	0.22
Denmark	18	0.51	18	0.88	-0.37
Finland	14	0.38	14	0.25	0.12
France	69	3.20	69	2.71	0.48
Germany	70	2.91	70	2.13	0.78
Hong Kong	72	0.59	72	0.51	0.07
Ireland	5	0.10	5	0.08	0.02
Israel	30	0.22	30	0.16	0.06
Italy	34	1.24	34	0.73	0.52
Japan	502	9.40	502	6.80	2.60
Korea	160	2.00	160	1.37	0.62
Netherlands	31	0.96	31	1.22	-0.25
New Zealand	15	0.06	15	0.08	-0.02
Norway	17	0.24	17	0.16	0.08
Poland	10	0.12	10	0.09	0.04
Portugal	4	0.05	4	0.05	0.01
Singapore	36	0.44	36	0.35	0.09
Spain	25	1.09	25	0.69	0.40
Sweden	52	0.72	52	0.83	-0.11
Switzerland	52	2.64	52	2.47	0.17
UK	103	5.14	103	4.07	1.07
USA	578	62.69	578	69.43	-6.74
Totals	2069	100.00	2069	100.00	

Country/Market Breakdown

	FTSE GWA Emerging		FTSE Emerging		
Country/Market	No. of Cons	Wgt %	No. of Cons	Wgt %	Diff %
Brazil	82	11.21	82	5.02	6.19
Chile	21	0.76	21	0.55	0.21
China	1235	30.20	1235	27.45	2.75
Colombia	3	0.25	3	0.11	0.14
Czech Rep.	4	0.20	4	0.14	0.06
Egypt	3	0.08	3	0.06	0.02
Greece	29	1.11	29	0.65	0.46
Hungary	4	0.65	4	0.28	0.37
Iceland	11	0.10	11	0.11	-0.01
India	231	14.35	231	24.39	-10.04
Indonesia	42	2.17	42	1.88	0.29
Kuwait	8	0.72	8	0.83	-0.11
Malaysia	39	1.93	39	1.93	0.00
Mexico	38	2.88	38	2.51	0.36
Pakistan	1	0.01	1	0.00	0.01
Philippines	24	0.87	24	0.67	0.20
Qatar	17	0.85	17	0.90	-0.05
Romania	7	0.30	7	0.16	0.14
Saudi Arabia	62	4.04	62	4.58	-0.54
South Africa	40	4.64	40	3.38	1.26
Taiwan	122	15.64	122	19.50	-3.86
Thailand	50	2.04	50	1.84	0.19
Turkiye	111	2.80	111	1.34	1.46
UAE	32	2.21	32	1.71	0.50
Totals	2216	100.00	2216	100.00	

Index Characteristics

Attributes	FTSE GWA Developed	FTSE Developed	FTSE GWA Emerging	FTSE Emerging
Number of constituents	2069	2069	2216	2216
Dividend Yield %	2.35	1.78	4.26	2.83
Constituent (Wgt %)				
Average	0.05	0.05	0.04	0.04
Largest	3.55	4.70	6.48	9.32
Median	0.01	0.01	0.01	0.01
Top 10 Holdings (Wgt %)	17.21	23.03	23.67	23.91



© 2020 London Stock Exchange Group plc and its applicable group undertakings (the "LSE Group"). The LSE Group includes (1) FTSE International Limited ("FTSE"), (2) Frank Russell Company ("Russell"), (3) FTSE Global Debt Capital Markets Inc. and FTSE Global Debt Capital Markets Limited (together, "FTSE Canada"), (4) MTSNext Limited ("MTSNext"), (5) Mergent, Inc. ("Mergent"), (6) FTSE Fixed Income LLC ("FTSE FI"), (7) The Yield Book Inc ("YB") and (8) Beyond Ratings S.A.S. ("BR"). All rights reserved.

FTSE Russell® is a trading name of FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, WOFE, RBSL, RL, and BR. "FTSE®", "Russell®", "FTSE Russell®", "FTSE4Good®", "ICB®", "Refinitiv", "Beyond Ratings®", "WMR™", "FR™" and all other trademarks and service marks used herein (whether registered or unregistered) are trademarks and/or service marks owned or licensed by the applicable member of LSEG or their respective licensors and are owned, or used under licence, by FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, WOFE, RBSL, RL or BR. FTSE International Limited is authorised and regulated by the Financial Conduct Authority as a benchmark administrator. Refinitiv Benchmark Services (UK) Limited is authorised and regulated by the Financial Conduct Authority as a benchmark administrator.

The FTSE Global Wealth Allocation Indexes are calculated by FTSE Russell® using the wealth allocation weightings provided by GWA Holdings LLC ("GWA").

All information is provided for information purposes only. All information and data contained in this publication is obtained by LSEG, from sources believed by it to be accurate and reliable. Because of the possibility of human and mechanical inaccuracy as well as other factors, however, such information and data is provided "as is" without warranty of any kind. No member of LSEG nor their respective directors, officers, employees, partners or licensors make any claim, prediction, warranty or representation whatsoever, expressly or impliedly, either as to the accuracy, timeliness, completeness, merchantability of any information or LSEG Products, or of results to be obtained from the use of LSEG products, including but not limited to indices, rates, data and analytics, or the fitness or suitability of the LSEG products for any particular purpose to which they might be put. The user of the information assumes the entire risk of any use it may make or permit to be made of the information.

No responsibility or liability can be accepted by any member of LSEG nor their respective directors, officers, employees, partners or licensors for (a) any loss or damage in whole or in part caused by, resulting from, or relating to any inaccuracy (negligent or otherwise) or other circumstance involved in procuring, collecting, compiling, interpreting, analysing, editing, transcribing, transmitting, communicating or delivering any such information or data or from use of this document or links to this document or (b) any direct, indirect, special, consequential or incidental damages whatsoever, even if any member of LSEG is advised in advance of the possibility of such damages, resulting from the use of, or inability to use, such information.

No member of LSEG nor their respective directors, officers, employees, partners or licensors provide investment advice and nothing in this document should be taken as constituting financial or investment advice. No member of LSEG nor their respective directors, officers, employees, partners or licensors make any representation regarding the advisability of investing in any asset or whether such investment creates any legal or compliance risks for the investor. A decision to invest in any such asset should not be made in reliance on any information herein. Indices and rates cannot be invested in directly. Inclusion of an asset in an index or rate is not a recommendation to buy, sell or hold that asset nor confirmation that any particular investor may lawfully buy, sell or hold the asset or an index or rate containing the asset. The general information contained in this publication should not be acted upon without obtaining specific legal, tax, and investment advice from a licensed professional.

Past performance is no guarantee of future results. Charts and graphs are provided for illustrative purposes only. Index and/or rate returns shown may not represent the results of the actual trading of investable assets. Certain returns shown may reflect back-tested performance. All performance presented prior to the index or rate inception date is back-tested performance. Back-tested performance is not actual performance, but is hypothetical. The back-test calculations are based on the same methodology that was in effect when the index or rate was officially launched. However, back-tested data may reflect the application of the index or rate methodology with the benefit of hindsight, and the historic calculations of an index or rate may change from month to month based on revisions to the underlying economic data used in the calculation of the index or rate.

No part of this information may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of the applicable member of LSEG. Use and distribution of LSEG data requires a licence from LSEG and/or its licensors.

Data definitions available from
info@ftserussell.com

To learn more, visit lseg.com/ftse-russell;
email info@ftserussell.com; or
call your regional Client Services Team office:

EMEA

+44 (0) 20 7866 1810

North America

+1 877 503 6437

Asia-Pacific

Hong Kong +852 2164 3333

Tokyo +81 3 6441 1430

Sydney +61 (0) 2 7228 5659