



# FTSE Developed

19 August 2024

Indicative Index Weight Data as at Closing on 28 June 2024

Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market
3i Group	0.05	UNITED KINGDOM	Allegro	0.01	POLAND	As One	<0.005	JAPAN
3M Company	0.08	USA	Alifunds Group	<0.005	NETHERLANDS	Asahi Group Holdings	0.02	JAPAN
A P Moller - Maersk A	0.01	DENMARK	Alliant Energy	0.02	USA	Asahi Intecc	<0.005	JAPAN
A P Moller - Maersk B	0.01	DENMARK	Allianz SE	0.16	GERMANY	Asahi Kasei Corporation	0.01	JAPAN
a2 Milk	<0.005	NEW ZEALAND	Allstate Corp	0.06	USA	Ashthead Group	0.04	UNITED KINGDOM
A2A	<0.005	ITALY	Ally Financial	0.02	USA	Asics Corp	0.01	JAPAN
AAC Technologies Holdings	<0.005	HONG KONG	Alnylam Pharmaceuticals	0.05	USA	Askul	<0.005	JAPAN
Aalberts NV	0.01	NETHERLANDS	Alphabet Class A	1.59	USA	Asm Intl	0.05	NETHERLANDS
ABB	0.13	SWITZERLAND	Alphabet Class C	1.34	USA	ASML Holding	0.6	NETHERLANDS
Abbott Laboratories	0.27	USA	Alps Alpine	<0.005	JAPAN	ASMPT	0.01	HONG KONG
AbbVie Inc	0.45	USA	ALS	0.01	AUSTRALIA	ASR Nederland	0.01	NETHERLANDS
ABC-Mart	<0.005	JAPAN	Alstom	0.01	FRANCE	Assa Abloy B	0.04	SWEDEN
ABN AMRO Bank NV	0.01	NETHERLANDS	Alteogen	0.01	KOREA	Associated British Foods	0.01	UNITED KINGDOM
Abrdn	0.01	UNITED KINGDOM	Altium	0.01	AUSTRALIA	Astellas Pharmaceutical	0.03	JAPAN
Accenture CI A	0.28	USA	Altria Group	0.12	USA	AstraZeneca	0.35	UNITED KINGDOM
Acciona Global Renewables	<0.005	SPAIN	Alumina	<0.005	AUSTRALIA	ASX	0.01	AUSTRALIA
Acciona S.A.	<0.005	SPAIN	Amada	0.01	JAPAN	AT&T	0.2	USA
Accor	0.01	FRANCE	Amadeus IT Group SA	0.04	SPAIN	Atlas Arteria	0.01	AUSTRALIA
Ackermans & Van Haaren	0.01	BELGIUM	Amano Corp	<0.005	JAPAN	Atlas Copco A	0.07	SWEDEN
Acom	<0.005	JAPAN	Amazon.Com	2.66	USA	Atlas Copco B	0.04	SWEDEN
ACS Actividades Cons y Serv	0.01	SPAIN	Amcor CDI	0.02	AUSTRALIA	Atlassian	0.04	USA
Activia Properties	<0.005	JAPAN	Amdocs	0.01	USA	Atmos Energy	0.03	USA
Adecco Group AG	0.01	SWITZERLAND	Ameren Corp	0.03	USA	Auckland International Airport	0.01	NEW ZEALAND
Adidas	0.06	GERMANY	American Airlines Group	<0.005	USA	Aurizon Holdings	0.01	AUSTRALIA
Admiral Group	0.01	UNITED KINGDOM	American Elec Power Com	0.07	USA	Auto Trader Group	0.01	UNITED KINGDOM
Adobe	0.37	USA	American Express Com	0.19	USA	Autodesk	0.08	USA
Advance Residence Investment	<0.005	JAPAN	American Intl Group	0.07	USA	Autoliv	0.01	USA
Advanced Micro Dev	0.39	USA	American Tower Corp	0.13	USA	Automatic Data Process	0.15	USA
Advantest Corp	0.04	JAPAN	American Water Works Company	0.04	USA	AutoStore Holdings	<0.005	NORWAY
Adyen	0.05	NETHERLANDS	Ameriprise Financial	0.06	USA	Autozone	0.08	USA
Aegon	0.01	NETHERLANDS	Ametek Inc	0.06	USA	Avalonbay Communities	0.04	USA
Aena SME SA	0.02	SPAIN	Amgen Corp	0.25	USA	Avangrid	<0.005	USA
Aeon	0.02	JAPAN	AmoreG	<0.005	KOREA	Avantor	0.02	USA
AEON Financial Service	<0.005	JAPAN	Amorepacific Corp	0.01	KOREA	Avery Dennison Corp	0.03	USA
Aeon Mall	<0.005	JAPAN	Amorepacific Pfd.	<0.005	KOREA	Aviva	0.02	UNITED KINGDOM
AEON REIT Investment	<0.005	JAPAN	Amot Investments Ltd.	<0.005	ISRAEL	Avolta	0.01	SWITZERLAND
Aeroports de Paris	0.01	FRANCE	AMP	<0.005	AUSTRALIA	AXA	0.09	FRANCE
AES Corp.	0.02	USA	Amphenol Corp A	0.12	USA	Axfood	<0.005	SWEDEN
Aflac	0.08	USA	Amplifon	0.01	ITALY	Axon Enterprise	0.03	USA
AGC	0.01	JAPAN	Ampol	0.01	AUSTRALIA	Ayvens SA	<0.005	FRANCE
Ageas	0.01	BELGIUM	Amundi	0.01	FRANCE	Azbil Corp.	0.01	JAPAN
Agilent Technologies	0.06	USA	Amvis Holdings	<0.005	JAPAN	AZ-COM MARUWA Holdings	<0.005	JAPAN
AGL Energy	0.01	AUSTRALIA	ANA Holdings	<0.005	JAPAN	Azrieli Group	<0.005	ISRAEL
Agnico Eagle Mines	0.05	CANADA	Analog Devices	0.17	USA	B&M European Value Retail	0.01	UNITED KINGDOM
Ahold Delhaize	0.04	NETHERLANDS	Andritz	0.01	AUSTRIA	Bachem N	<0.005	SWITZERLAND
AIA Group Ltd.	0.11	HONG KONG	Anglo American	0.06	UNITED KINGDOM	BAE Systems	0.08	UNITED KINGDOM
AIB Group	0.01	IRELAND	Anheuser-Busch InBev	0.08	BELGIUM	Baker Hughes Company	0.05	USA
Aica Kogyo	<0.005	JAPAN	Annaly Capital Management	0.01	USA	Ball Corp	0.03	USA
Air Liquide	0.14	FRANCE	Anritsu	<0.005	JAPAN	Baloise	0.01	SWITZERLAND
Air New Zealand	<0.005	NEW ZEALAND	Ansell	<0.005	AUSTRALIA	Banca Mediolanum	<0.005	ITALY
Air Products & Chemicals Inc	0.08	USA	ANSYS Inc	0.04	USA	Banco Bilbao Vizcaya Argentaria	0.09	SPAIN
Air Water	<0.005	JAPAN	Antofagasta	0.01	UNITED KINGDOM	Banco BPM	0.01	ITALY
Airbnb	0.1	USA	ANZ Group Holdings	0.08	AUSTRALIA	Banco De Sabadell	0.02	SPAIN
Airbus	0.12	FRANCE	Aon plc	0.09	USA	Banco Santander	0.11	SPAIN
Airport City Ltd	<0.005	ISRAEL	Aozora Bank	<0.005	JAPAN	Bandai Namco Holdings	0.02	JAPAN
Airtel Africa	<0.005	UNITED KINGDOM	APA Corporation	0.02	USA	Bank Hapoalim	0.02	ISRAEL
Aisin	0.01	JAPAN	APA Group	0.01	AUSTRALIA	Bank Leumi	0.02	ISRAEL
Ajinomoto Co	0.02	JAPAN	Apollo Global Management Inc	0.09	USA	Bank of America	0.4	USA
Akamai Technologies	0.02	USA	Apple Inc.	4.54	USA	Bank of East Asia	<0.005	HONG KONG
Aker	<0.005	NORWAY	Applied Materials	0.29	USA	Bank Of Ireland Group	0.02	IRELAND
Aker BP ASA	0.01	NORWAY	Aptiv PLC	0.03	USA	Bank of Montreal	0.09	CANADA
Akzo Nobel	0.02	NETHERLANDS	Arcelor Mittal	0.02	NETHERLANDS	Bank of New York Mellon	0.07	USA
Albemarle	0.02	USA	Arch Capital Gp	0.05	USA	Bank of Nova Scotia	0.08	CANADA
Alcon AG	0.07	SWITZERLAND	Archer Daniels Midland	0.04	USA	Bank of Queensland Ltd.	<0.005	AUSTRALIA
Alexandria Real Estate Equity	0.03	USA	Ares Management Corporation	0.04	USA	Bank Pekao	0.01	POLAND
Alfa Laval	0.02	SWEDEN	Argenx S.E	0.04	BELGIUM	Bankinter	0.01	SPAIN
Alfresa Holdings	<0.005	JAPAN	Arista Networks	0.13	USA	Barclays	0.06	UNITED KINGDOM
Align Technology Inc	0.03	USA	Aristocrat Leisure	0.03	AUSTRALIA	Barratt Developments	0.01	UNITED KINGDOM
Alimentation Couche Tard Inc	0.06	CANADA	Arkema	0.01	FRANCE	Barrick Gold	0.04	CANADA
Allegion PLC	0.02	USA	Arthur J Gallagher	0.08	USA	Barry Callebaut	0.01	SWITZERLAND

Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market
BASF	0.06	GERMANY	CAR Group	0.01	AUSTRALIA	Cooper Cos Inc	0.03	USA
Bath & Body Works Inc	0.01	USA	Cardinal Health	0.04	USA	Copart Inc	0.07	USA
Baxter Intl	0.03	USA	Carl Zeiss Meditec	<0.005	GERMANY	Corning	0.04	USA
Baycurrent Consulting	<0.005	JAPAN	Carlsberg (B)	0.02	DENMARK	Corpay Inc	0.03	USA
Bayer AG	0.04	GERMANY	Carlyle Group Inc	0.01	USA	Corteva	0.06	USA
BC Vaud N	<0.005	SWITZERLAND	Carmax Inc	0.02	USA	Cosmo Energy Holdings	<0.005	JAPAN
BCE Inc	0.01	CANADA	Carnival Corp A	0.03	USA	CosmoAM&T	<0.005	KOREA
BE Semiconductor Industries	0.02	NETHERLANDS	Carrefour	0.01	FRANCE	Cosmos Pharmaceutical	<0.005	JAPAN
Beach Energy	<0.005	AUSTRALIA	Carrier Global	0.08	USA	CoStar Group	0.04	USA
Beazley	0.01	UNITED KINGDOM	Casio Computer Co	<0.005	JAPAN	Costco Wholesale Corp	0.56	USA
Bechtle	0.01	GERMANY	Castellum	0.01	SWEDEN	Coterra Energy Inc	0.03	USA
Becton Dickinson	0.1	USA	Catalent	0.02	USA	Coupang	0.04	USA
Beiersdorf	0.02	GERMANY	Caterpillar	0.24	USA	Covestro AG	0.02	GERMANY
Beijer Ref AB	0.01	SWEDEN	Cathay Pacific Airways	<0.005	HONG KONG	Covivio	<0.005	FRANCE
Belimo Holding N	0.01	SWITZERLAND	Cboe Global Markets	0.03	USA	Coway	<0.005	KOREA
Bendigo and Adelaide Bank	0.01	AUSTRALIA	CBRE Group	0.04	USA	Credicorp	0.02	USA
Berkeley Group Holdings	0.01	UNITED KINGDOM	CDW	0.04	USA	Credit Agricole	0.02	FRANCE
Berkley W R	0.02	USA	Celanese	0.02	USA	Credit Saison	<0.005	JAPAN
Berkshire Hathaway B	0.79	USA	Cellnex Telecom SAU	0.03	SPAIN	CRH	0.08	UNITED KINGDOM
Berkshire Hathaway -CL A	0.31	USA	Celltrion Inc	0.03	KOREA	Croda International	0.01	UNITED KINGDOM
Best Buy Company	0.03	USA	Celltrion Pharm	<0.005	KOREA	CrowdStrike Holdings	0.12	USA
Bezeq	<0.005	ISRAEL	Cencora Inc	0.06	USA	Crown Castle Inc	0.06	USA
BGF Retail	<0.005	KOREA	Cenovus Energy	0.04	CANADA	CSL	0.14	AUSTRALIA
BHP Group	0.21	AUSTRALIA	Centene Corp	0.05	USA	CSX Corp	0.1	USA
Bic Camera	<0.005	JAPAN	CenterPoint Energy	0.03	USA	CTP NV	<0.005	NETHERLANDS
Big Shopping Centers (2004)	<0.005	ISRAEL	Central Japan Railway	0.03	JAPAN	Cts Eventim	0.01	GERMANY
BILL Holdings Inc	0.01	USA	Centrica	0.01	UNITED KINGDOM	Cummins	0.06	USA
Biogen	0.05	USA	CF Industries Holdings	0.02	USA	CVS Health Corporation	0.11	USA
BioMarin Pharm	0.02	USA	CGI	0.03	CANADA	CyberAgent	<0.005	JAPAN
Biomerieux	0.01	FRANCE	Challenger	<0.005	AUSTRALIA	D.R. Horton Inc	0.06	USA
Bio-Rad Labs A	0.01	USA	Champion REIT	<0.005	HONG KONG	Daewoo Engineering & Construction	<0.005	KOREA
Bio-Techne	0.02	USA	Charles River Laboratories	0.02	USA	Dah Sing Banking Group	<0.005	HONG KONG
Biprogly	<0.005	JAPAN	Charter Communications Inc. CI A	0.04	USA	Dai Nippon Printing	0.01	JAPAN
BKW AG	<0.005	SWITZERLAND	Charter Hall Group	0.01	AUSTRALIA	Daicel	<0.005	JAPAN
Blackrock Inc	0.17	USA	Check Point Software	0.02	USA	Daido Steel Co	<0.005	JAPAN
Blackstone Inc	0.13	USA	Cheil Worldwide	<0.005	KOREA	Daifuku	0.01	JAPAN
Block Inc (A)	0.05	USA	Cheniere Energy	0.06	USA	Dai-ichi Life Holdings	0.04	JAPAN
Bluescope Steel	0.01	AUSTRALIA	Chevron	0.4	USA	Daiichi Sankyo	0.1	JAPAN
BMW	0.04	GERMANY	Chiba Bank	0.01	JAPAN	Daichikoshu	<0.005	JAPAN
BMW AG Pref	0.01	GERMANY	China Travel International Investment	<0.005	HONG KONG	Daikin Industries	0.05	JAPAN
BNK Financial Group	<0.005	KOREA	Hong Kong			Daimler Truck	0.03	GERMANY
BNP Paribas	0.09	FRANCE	Chipotle Mexican Grill	0.13	USA	Daio Paper Corp	<0.005	JAPAN
BOC Aviation	<0.005	HONG KONG	Chow Tai Fook Jewellery Group	<0.005	HONG KONG	Daito Trust Construction	0.01	JAPAN
BOC Hong Kong (Holdings)	0.02	HONG KONG	Chubb Ltd	0.15	USA	Daiwa House Industry	0.02	JAPAN
Boeing	0.16	USA	Chubu Elec Power	0.01	JAPAN	Daiwa House REIT Investment	0.01	JAPAN
Boliden	0.01	SWEDEN	Chugai Seiyaku	0.03	JAPAN	Daiwa Office Investment	<0.005	JAPAN
Bolloré	0.01	FRANCE	Chugin Financial Group	<0.005	JAPAN	Daiwa Securities Group	0.02	JAPAN
Booking Holdings	0.2	USA	Chugoku Electric Power	<0.005	JAPAN	Daiwa Securities Living Investment	<0.005	JAPAN
BorgWarner	0.01	USA	Church & Dwight	0.04	USA	Danaher Corp	0.25	USA
Boston Properties	0.01	USA	Cincinnati Fin Cp	0.03	USA	Danone	0.06	FRANCE
Boston Scientific Corp	0.17	USA	Cintas Corp	0.09	USA	Danske Bank A/S	0.03	DENMARK
Bouygues	0.01	FRANCE	Cisco Systems	0.29	USA	Darden Restaurants	0.03	USA
BP	0.15	UNITED KINGDOM	Citigroup	0.18	USA	Dassault Aviation S.A.	0.01	FRANCE
Brambles	0.02	AUSTRALIA	Citizens Financial Group	0.02	USA	Dassault Systemes	0.04	FRANCE
Brenntag SE	0.01	GERMANY	City Developments	<0.005	SINGAPORE	Datadog	0.06	USA
Bridgestone Corp	0.03	JAPAN	CJ CheilJedang	<0.005	KOREA	DaVita	0.01	USA
Bristol Myers Squibb	0.12	USA	CJ CheilJedang Ptd.	<0.005	KOREA	Dayforce Inc	0.01	USA
British American Tobacco	0.09	UNITED KINGDOM	CJ Corp	<0.005	KOREA	DB Insurance	0.01	KOREA
British Land Co	0.01	UNITED KINGDOM	CJ ENM	<0.005	KOREA	DBS Group Holdings	0.08	SINGAPORE
Broadcom	1.08	USA	CJ Logistics	<0.005	KOREA	DCC	0.01	UNITED KINGDOM
Broadridge Financial Solutions	0.03	USA	CK Asset Holdings	0.01	HONG KONG	Deere & Co	0.14	USA
Brookfield Asset Management Ltd	0.02	CANADA	CK Hutchison Holdings	0.02	HONG KONG	Delek Group	<0.005	ISRAEL
TSX			CK Infrastructure Holdings	<0.005	HONG KONG	Delivery Hero SE	0.01	GERMANY
Brookfield Corporation	0.09	CANADA	Clariant	0.01	SWITZERLAND	Delta Air Lines	0.01	USA
Brother Industries	0.01	JAPAN	Cleanaway Waste Management	0.01	AUSTRALIA	Demant	0.01	DENMARK
Brown & Brown	0.03	USA	Clorox	0.03	USA	Denka	<0.005	JAPAN
Brown-Forman B	0.01	USA	Cloudflare	0.04	USA	Denso Corporation	0.05	JAPAN
Brunello Cucinelli	0.01	ITALY	CLP Holdings	0.02	HONG KONG	Dentsu Group	0.01	JAPAN
BT Group	0.02	UNITED KINGDOM	CME Group	0.1	USA	Dentsu Soken	<0.005	JAPAN
Budweiser Brewing Company APAC	<0.005	HONG KONG	CMS Energy Corp	0.03	USA	Descente	<0.005	JAPAN
Builders FirstSource Inc.	0.02	USA	CNA Financial Corp	<0.005	USA	Deterra Royalties	<0.005	AUSTRALIA
Bunge Global SA	0.02	USA	CNH Industrial N.V.	0.01	USA	Deutsche Bank	0.05	GERMANY
Bunzl	0.02	UNITED KINGDOM	Coca Cola Europacific Partners plc	0.02	USA	Deutsche Boerse	0.06	GERMANY
Burberry Group	0.01	UNITED KINGDOM	Coca-Cola	0.37	USA	Deutsche Lufthansa AG	0.01	GERMANY
Bureau Veritas S.A.	0.01	FRANCE	Coca-Cola Bottlers Japan	<0.005	JAPAN	Deutsche Telekom	0.12	GERMANY
Burlington Stores	0.02	USA	Coca-Cola HBC AG	0.01	UNITED KINGDOM	Deutsche Wohnen SE	<0.005	GERMANY
Buzzi	0.01	ITALY	Cochlear	0.02	AUSTRALIA	Devon Energy	0.04	USA
C.H. Robinson Worldwide	0.01	USA	Cognizant Tech Solutions	0.05	USA	DexCom	0.07	USA
Cadence Design Systems	0.12	USA	Coinbase Global	0.06	USA	Dexus Property Group	0.01	AUSTRALIA
Caesars Entertainment Inc	0.01	USA	Coles Group	0.02	AUSTRALIA	DFI Retail Group Holdings	<0.005	HONG KONG
CaixaBank	0.03	SPAIN	Colgate-Palmolive	0.12	USA	DGB Financial Group	<0.005	KOREA
Calbee	<0.005	JAPAN	Coloplast B	0.02	DENMARK	DHL Group	0.06	GERMANY
Cameco Corp	0.03	CANADA	Comcast A	0.23	USA	Diageo	0.1	UNITED KINGDOM
Campari	0.01	ITALY	ComfortDelGro	<0.005	SINGAPORE	Diamondback Energy	0.05	USA
Campbell Soup	0.01	USA	Commerzbank	0.02	GERMANY	DiaSorin	<0.005	ITALY
Camtek Ltd.	0.01	ISRAEL	Commonwealth Bank of Australia	0.21	AUSTRALIA	DIC	<0.005	JAPAN
Canadian Imperial Bank of Commerce	0.07	CANADA	Compagnie Financiere Richemont SA	0.12	SWITZERLAND	D'IETEREN GROUP	0.01	BELGIUM
Canadian National Railway	0.1	CANADA	Compass Group	0.07	UNITED KINGDOM	Digital Realty Trust	0.07	USA
Canadian Natural Resources	0.11	CANADA	Computershare	0.02	AUSTRALIA	Dino Polska SA	0.01	POLAND
Canadian Pacific Kansas City Limited	0.11	CANADA	Comsys Holdings	<0.005	JAPAN	Disco	0.05	JAPAN
Canon	0.04	JAPAN	ConAgra Brands Inc	0.02	USA	Discover Financial Services	0.05	USA
Canon Marketing Japan	<0.005	JAPAN	Concordia Financial Group	0.01	JAPAN	Disney (Walt) Company	0.27	USA
Capcom Co Ltd	0.01	JAPAN	ConocoPhillips	0.2	USA	DKSH Holding	<0.005	SWITZERLAND
Capgemini SE	0.05	FRANCE	Cons Edison Holding	0.05	USA	DL	<0.005	KOREA
Capital One Financial	0.08	USA	Constellation Brands A	0.06	USA	DL E&C	<0.005	KOREA
CapitalLand Ascendas REIT	0.01	SINGAPORE	Constellation Energy	0.09	USA	DMG Mori Seiki	<0.005	JAPAN
CapitalLand Ascott Trust	<0.005	SINGAPORE	Constellation Software	0.08	CANADA	DNB Bank ASA	0.03	NORWAY
CapitalLand Integrated Commercial Trust	0.01	SINGAPORE	Contact Energy	0.01	NEW ZEALAND	Docusign	0.02	USA
CapitalLand Investment	0.01	SINGAPORE	Continental	0.01	GERMANY	Dollar General	0.04	USA
			ConvaTec Group	0.01	UNITED KINGDOM	Dollar Tree	0.03	USA

Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market
Dollarama Inc	0.04	CANADA	Factset Research Systems	0.02	USA	GLP J-REIT	0.01	JAPAN
Domain Holdings Australia	<0.005	AUSTRALIA	Fair Isaac	0.05	USA	GMO Internet Group	<0.005	JAPAN
Dominion Energy	0.06	USA	Fairfax Financial Holdings	0.04	CANADA	GMO Payment Gateway	<0.005	JAPAN
Dominos Pizza	0.03	USA	FancI Corp	<0.005	JAPAN	GoDaddy	0.03	USA
Domino's Pizza Enterprises	<0.005	AUSTRALIA	Fanuc	0.04	JAPAN	Goldman Sachs Group	0.21	USA
Dongsuh Co Inc	<0.005	KOREA	Fast Retailing	0.06	JAPAN	Goldwin	<0.005	JAPAN
DoorDash	0.06	USA	Fastenal Co	0.05	USA	Goodman Group	0.06	AUSTRALIA
Doosan Bobcat	<0.005	KOREA	Fastighets AB Balder B	0.01	SWEDEN	GPT Group	0.01	AUSTRALIA
Doosan Enerbility	0.01	KOREA	Fattal 1998 Holdings Ltd	<0.005	ISRAEL	GRAIL Inc	<0.005	USA
Dover Corp	0.04	USA	Federal Realty Invs	0.01	USA	Grainger (W W)	0.06	USA
Dow Inc	0.06	USA	Fedex Corporation	0.1	USA	Great-West Lifeco	0.01	CANADA
Dowa Holdings	<0.005	JAPAN	Ferguson	0.06	UNITED KINGDOM	Green Cross	<0.005	KOREA
Downer Group	<0.005	AUSTRALIA	Ferrari NV	0.07	ITALY	Grifols	<0.005	SPAIN
DSM Firmenich	0.03	NETHERLANDS	Ferrovial	0.03	SPAIN	Grifols S.A. Ci B	<0.005	SPAIN
DSV	0.04	DENMARK	Fidelity Natl Information Services	0.06	USA	Groupe Bruxelles Lambert	0.01	BELGIUM
DTE Energy	0.03	USA	Fielmann Group AG	<0.005	GERMANY	GS Engineering & Construction	<0.005	KOREA
Duke Energy Corp	0.11	USA	Fifth Third Bancorp	0.04	USA	GS Holdings	<0.005	KOREA
DuPont de Nemours	0.05	USA	FILA Holdings	<0.005	KOREA	GS Retail	<0.005	KOREA
DWS Group	<0.005	GERMANY	FincoBank	0.01	ITALY	GS Yuasa Corp	<0.005	JAPAN
E.ON	0.04	GERMANY	First Citizens BancSh A	0.03	USA	GSK	0.11	UNITED KINGDOM
East Japan Railway	0.03	JAPAN	First Intl Bank of Israel (5)	<0.005	ISRAEL	H & M Hennes & Mauritz AB B	0.01	SWEDEN
Eastman Chemical	0.02	USA	First Pacific	<0.005	HONG KONG	H. Lundbeck A	<0.005	DENMARK
Eaton Corp PLC	0.19	USA	First Solar Inc	0.04	USA	H. Lundbeck B	<0.005	DENMARK
Ebara	0.01	JAPAN	Firststenergy Corp.	0.03	USA	Hachijuni Bank	<0.005	JAPAN
Ebay	0.04	USA	Fischer (Georg)	0.01	SWITZERLAND	Hakuhodo DY Holdings	<0.005	JAPAN
Ebos Group	<0.005	NEW ZEALAND	Fiserv Inc	0.13	USA	Haleon	0.04	UNITED KINGDOM
Ecolab	0.09	USA	Fisher & Paykel Healthcare	0.02	NEW ZEALAND	Halliburton	0.04	USA
Ecopro	0.01	KOREA	Fletcher Building	<0.005	NEW ZEALAND	Halma	0.02	UNITED KINGDOM
Ecopro Bm	0.01	KOREA	Flex	0.02	USA	Hamamatsu Photo	0.01	JAPAN
Ecopro Materials	<0.005	KOREA	Flight Centre Travel Group	<0.005	AUSTRALIA	Hana Financial Group	0.02	KOREA
Edenred	0.02	FRANCE	Flughafen Zurich	0.01	SWITZERLAND	Hang Lung Group	<0.005	HONG KONG
Edison International	0.04	USA	Flutter Entertainment	0.05	UNITED KINGDOM	Hang Lung Properties	<0.005	HONG KONG
EDP	0.02	PORTUGAL	FMC Corp	0.01	USA	Hang Seng Bank	0.01	HONG KONG
EDP Renovaveis	0.01	PORTUGAL	FNF Group	0.02	USA	Hanjin KAL	<0.005	KOREA
Edwards Lifesciences	0.08	USA	Fomento De Construc Y Contra	<0.005	SPAIN	Hankook Technology Group	<0.005	KOREA
Eiffage	0.01	FRANCE	Food & Life	<0.005	JAPAN	Hankyu Hanshin Holdings	0.01	JAPAN
Eisai	0.02	JAPAN	Ford Motor Company	0.07	USA	Hanmi Pharmaceutical	<0.005	KOREA
Elbit Systems	0.01	ISRAEL	Fortescue	0.03	AUSTRALIA	Hanmi Science	<0.005	KOREA
Electra (Israel) Ltd	<0.005	ISRAEL	Fortinet	0.06	USA	Hanmi Semiconductor	0.01	KOREA
Electric Power Development	<0.005	JAPAN	Fortis Inc	0.03	CANADA	Hannover Rueck SE	0.02	GERMANY
Electronic Arts	0.06	USA	Fortive	0.04	USA	Hanon Systems	<0.005	KOREA
Elevance Health Inc	0.19	USA	Fortum	0.01	FINLAND	Hanwha	<0.005	KOREA
Elia Group	0.01	BELGIUM	Fotrune Brands Innovations Inc	0.01	USA	Hanwha Aerospace	0.01	KOREA
Elisa	0.01	FINLAND	Fox Corporation Class A	0.01	USA	Hanwha Life Insurance	<0.005	KOREA
E-Mart	<0.005	KOREA	Fox Corporation Class B	0.01	USA	Hanwha Ocean	<0.005	KOREA
Emerson Electric	0.09	USA	FOXCONN INTERCONNECT TECHNOLOGY	<0.005	HONG KONG	Hanwha Pfd.	<0.005	KOREA
Emmi	<0.005	SWITZERLAND	FP Corporation	<0.005	JAPAN	Hanwha Solutions	<0.005	KOREA
Ems Chemie I	0.01	SWITZERLAND	Franco-Nevada	0.03	CANADA	Harel Investments & Finance	<0.005	ISRAEL
Enagas	0.01	SPAIN	Franklin Resources	0.01	USA	Hargreaves Lansdown	0.01	UNITED KINGDOM
Enbridge	0.11	CANADA	Fraport AG Frankfurt	<0.005	GERMANY	Harmonic Drive Systems	<0.005	JAPAN
Endeavour Group	0.01	AUSTRALIA	Frasers Logistics & Commercial Trust	<0.005	SINGAPORE	Hartford Financial Services Group	0.04	USA
Endeavour Mining	0.01	UNITED KINGDOM	Freeport-McMoRan	0.1	USA	Harvey Norman Holdings	<0.005	AUSTRALIA
Endesa	0.01	SPAIN	Fresenius Medical Care	0.01	GERMANY	Haseko	<0.005	JAPAN
Enel	0.08	ITALY	Fresenius SE & Co KGaA	0.02	GERMANY	HCA Healthcare	0.09	USA
Eneos Holdings	0.02	JAPAN	Fresnillo	<0.005	UNITED KINGDOM	HD Hyundai Heavy Industries	<0.005	KOREA
Enxig Renewable Energies	<0.005	ISRAEL	Frontier Real Estate Investment	<0.005	JAPAN	HD Hyundai Infracore	<0.005	KOREA
Engie	0.04	FRANCE	FUCHS SE	<0.005	GERMANY	HD HYUNDAI MIPO	<0.005	KOREA
Eni	0.05	ITALY	FUCHS SE (PREF B)	<0.005	GERMANY	HD Korea Shipbuilding & Offshore Engineering	0.01	KOREA
Enlight Renewable Energy Ltd	<0.005	ISRAEL	Fuji Electric	0.01	JAPAN	Healthpeak Properties Inc	0.02	USA
Enphase Energy Inc	0.02	USA	Fuji Kyuko	<0.005	JAPAN	Heico Ci A	0.02	USA
Entain	0.01	UNITED KINGDOM	Fuji Media Holdings	<0.005	JAPAN	Heico Corp	0.01	USA
Entergy Corp	0.03	USA	Fuji Oil Holdings	<0.005	JAPAN	Heidelberg Materials AG	0.02	GERMANY
EOG Resources	0.11	USA	FUJI SOFT	<0.005	JAPAN	Heineken Holding	0.02	NETHERLANDS
Epam Systems	0.02	USA	FUJIFILM Holdings	0.04	JAPAN	Heineken NV	0.04	NETHERLANDS
Epiroc A	0.02	SWEDEN	Fujikura	0.01	JAPAN	Heiwa	<0.005	JAPAN
Epiroc B	0.01	SWEDEN	Fujitsu	0.04	JAPAN	Helvetia Holding AG	0.01	SWITZERLAND
EQT AB	0.03	SWEDEN	Fujitsu General	<0.005	JAPAN	Henderson Land Dev	0.01	HONG KONG
Equifax	0.04	USA	Fukuoka Financial Group	0.01	JAPAN	Henkel KG Pref	0.02	GERMANY
Equinix Inc	0.11	USA	Fuyo General Lease	<0.005	JAPAN	Henkel Kgaa ORD	0.01	GERMANY
Equinor ASA	0.04	NORWAY	Galaxy Entertainment Group	0.01	HONG KONG	Henry (Jack) & Associates	0.02	USA
Equitable Holdings	0.02	USA	Galp Energia SGPS SA	0.01	PORTUGAL	Henry Schein	0.01	USA
Equity Lifestyle Properties	0.02	USA	Garmin Ltd	0.04	USA	Hera	<0.005	ITALY
Equity Residential	0.04	USA	Gartner	0.05	USA	Hermes International S.C.A.	0.12	FRANCE
Erste Group Bank	0.02	AUSTRIA	Gav-Yam Lands	<0.005	ISRAEL	Hershey Company	0.04	USA
ESR Cayman	0.01	HONG KONG	GE Aerospace	0.26	USA	Hess Corp.	0.06	USA
Essex Prop Trust	0.03	USA	GE HealthCare Technologies	0.05	USA	Hewlett Packard Enterprise	0.04	USA
EssilorLuxottica	0.1	FRANCE	GE Vernova	0.07	USA	Hexagon B	0.04	SWEDEN
Essity Aktiebolag B	0.02	SWEDEN	GEA Group AG	0.01	GERMANY	Hikari Tsushin	0.01	JAPAN
Etsy	0.01	USA	Geberit N	0.03	SWITZERLAND	Hikma Pharmaceuticals	0.01	UNITED KINGDOM
Eurazeo	0.01	FRANCE	Gecina	0.01	FRANCE	Hilton Worldwide	0.08	USA
Eurofins Scienti	0.01	FRANCE	Gen Digital Inc	0.02	USA	Hino Motors	<0.005	JAPAN
Euronext	0.01	FRANCE	Generac Holdings	0.01	USA	Hirogin Holdings	<0.005	JAPAN
Everest Group Ltd	0.02	USA	General Dynamics Corp	0.12	USA	Hirose Electric	<0.005	JAPAN
Evergy	0.02	USA	General Mills	0.05	USA	Hisamitsu Pharmaceutical	<0.005	JAPAN
Eversource Energy	0.03	USA	General Motors	0.08	USA	Hiscox	0.01	UNITED KINGDOM
Evolution AB	0.03	SWEDEN	Generali	0.05	ITALY	Hitachi	0.15	JAPAN
Evolution Mining	0.01	AUSTRALIA	Genmab	0.02	DENMARK	Hitachi Construction Machinery	<0.005	JAPAN
Evonik Industries AG	0.01	GERMANY	Genting Singapore	0.01	SINGAPORE	Hite Jinro	<0.005	KOREA
Exact Sciences	0.01	USA	Genuine Parts	0.03	USA	HL Mando	<0.005	KOREA
Exelon Corporation	0.05	USA	Getinge B	0.01	SWEDEN	HLB	0.01	KOREA
EXEO Group	<0.005	JAPAN	Getlink	0.01	FRANCE	Hochtief	<0.005	GERMANY
Exor NV	0.02	NETHERLANDS	Gilead Sciences	0.13	USA	Holcim	0.07	SWITZERLAND
Expedia Group	0.02	USA	Givaudan N	0.06	SWITZERLAND	Holmen AB	<0.005	SWEDEN
Expeditors Intl Washington	0.03	USA	Gjensidige Forsikring ASA	<0.005	NORWAY	Hologic Inc	0.03	USA
Experian	0.06	UNITED KINGDOM	Glanbia	0.01	IRELAND	Home Depot	0.51	USA
Extra Space Storage	0.05	USA	Glencore	0.1	UNITED KINGDOM	Honda Motor Co	0.08	JAPAN
Exxon Mobil Corporation	0.77	USA	Global Payments Inc	0.04	USA	Honeywell International Incorporation	0.21	USA
Ezaki Glico	<0.005	JAPAN	GlobalFoundries	0.01	USA	Hong Kong & China Gas	0.01	HONG KONG
F&F	<0.005	KOREA	Globe Life	0.01	USA	Hong Kong Exchanges & Clearing	0.06	HONG KONG
F5 Inc	0.01	USA						

Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market
Hongkong Land Holdings	0.01	HONG KONG	IQVIA Holdings	0.06	USA	Kimco Realty Cp	0.02	USA
Horiba	<0.005	JAPAN	Iron Mountain	0.04	USA	Kinden	<0.005	JAPAN
Hormel Foods	0.01	USA	Isetan Mitsukoshi Holdings	0.01	JAPAN	Kinder Morgan	0.06	USA
Hoshizaki	0.01	JAPAN	Israel Corporation	<0.005	ISRAEL	Kingfisher	0.01	UNITED KINGDOM
Host Hotels & Resorts	0.02	USA	Israel Discount Bank	0.01	ISRAEL	Kingspan Group	0.02	IRELAND
Hotel Shilla	<0.005	KOREA	Isuzu Motors	0.01	JAPAN	Kintetsu	0.01	JAPAN
House Foods Group	<0.005	JAPAN	Italgas	<0.005	ITALY	KION GROUP AG	<0.005	GERMANY
Howden Joinery Group	0.01	UNITED KINGDOM	Ito En	<0.005	JAPAN	Kirin Holdings Co. Ltd.	0.01	JAPAN
Howmet Aerospace Inc	0.05	USA	Itochu Corp	0.1	JAPAN	Kiwi Property Group	<0.005	NEW ZEALAND
Hoya	0.06	JAPAN	Itoham Yonekyu Holdings	<0.005	JAPAN	KKR & Co Inc	0.11	USA
HP	0.05	USA	Iwatani	<0.005	JAPAN	KLA Corporation	0.16	USA
HSBC Hldgs	0.24	UNITED KINGDOM	Iyogin Holdings	<0.005	JAPAN	Klepierre	0.01	FRANCE
Huabao International Holdings	<0.005	HONG KONG	Izumii Co Ltd	<0.005	JAPAN	Knorr-Bremse	0.01	GERMANY
Hubbell	0.03	USA	J Front Retailing	<0.005	JAPAN	Kobayashi Pharmaceutical	<0.005	JAPAN
HubSpot	0.04	USA	J M Smucker	0.02	USA	Kobe Bussan	<0.005	JAPAN
Hulic	0.01	JAPAN	Jacobs Solutions Inc	0.03	USA	Kobe Steel	0.01	JAPAN
Humana	0.07	USA	James Hardie Industries Plc	0.02	AUSTRALIA	Koei Tecmo Holdings	<0.005	JAPAN
Hunt (JB) Transport Services	0.02	USA	Japan Airlines	<0.005	JAPAN	Koito Manufacturing	<0.005	JAPAN
Huntington Bancshares	0.03	USA	Japan Airport Terminal	<0.005	JAPAN	Kokusai Electric	<0.005	JAPAN
Huntington Ingalls Industries	0.01	USA	Japan Aviation Electronics	<0.005	JAPAN	Kokuyo	<0.005	JAPAN
Husqvarna AB B	<0.005	SWEDEN	Japan Exchange Group	0.02	JAPAN	Komatsu	0.04	JAPAN
Hutchison Port Holdings Trust	<0.005	SINGAPORE	Japan Hotel REIT Investment	<0.005	JAPAN	Konami Group	0.01	JAPAN
HUTCHMED (China)	<0.005	HONG KONG	Japan Logistics Fund	<0.005	JAPAN	Kone B	0.02	FINLAND
HYBE	<0.005	KOREA	Japan Metropolitan Fund Investment	0.01	JAPAN	Kongsberg Gruppen	0.01	NORWAY
Hydro One	0.01	CANADA	Japan Post Bank	0.02	JAPAN	Konica Minolta	<0.005	JAPAN
Hysan Development	<0.005	HONG KONG	Japan Post Holdings	0.03	JAPAN	Koninklijke Philips	0.03	NETHERLANDS
Hyundai Autoever	<0.005	KOREA	Japan Post Insurance	0.01	JAPAN	Korea Aerospace Industries	<0.005	KOREA
Hyundai Department Store	<0.005	KOREA	Japan Prime Realty Investment	<0.005	JAPAN	Korea Gas	<0.005	KOREA
Hyundai Engineering & Construction	<0.005	KOREA	Japan Real Estate Investment Corporation	0.01	JAPAN	Korea Investment Hol	<0.005	KOREA
Hyundai Glovis	<0.005	KOREA	Japan Steel Works	<0.005	JAPAN	Korea Zinc	0.01	KOREA
Hyundai Heavy Industries Holdings	<0.005	KOREA	Japan Tobacco	0.05	JAPAN	Korean Air Lines	<0.005	KOREA
Hyundai Marine & Fire Insurance	<0.005	KOREA	Jardine Cycle & Carriage	<0.005	SINGAPORE	Kose	<0.005	JAPAN
Hyundai Merchant Marine	0.01	KOREA	Jardine Matheson Holdings	0.01	HONG KONG	Kotobuki Spirits	<0.005	JAPAN
Hyundai Mobis	0.02	KOREA	Jazz Pharmaceuticals	0.01	USA	Kraft Heinz	0.04	USA
Hyundai Motor	0.04	KOREA	JB Hi-Fi	0.01	AUSTRALIA	Krafton	0.01	KOREA
Hyundai Motor 2nd Pfd.	0.01	KOREA	JC Decaux	<0.005	FRANCE	Kroger	0.05	USA
Hyundai Motor Pfd.	<0.005	KOREA	JD Sports Fashion	0.01	UNITED KINGDOM	K's Holdings	<0.005	JAPAN
Hyundai Steel	<0.005	KOREA	JDE Peets	<0.005	NETHERLANDS	KT&G	0.01	KOREA
Hyundai Wia	<0.005	KOREA	Jeol	<0.005	JAPAN	Kubota	0.02	JAPAN
Iberdrola	0.11	SPAIN	Jeronimo Martins	0.01	PORTUGAL	Kuehne & Nagel International	0.02	SWITZERLAND
Ibiden	0.01	JAPAN	JFE Holdings	0.01	JAPAN	Kumho Petro Chemical	<0.005	KOREA
ICL Group Ltd	<0.005	ISRAEL	JGC Corp	<0.005	JAPAN	Kumyang	<0.005	KOREA
Icon PLC	0.04	USA	JMDC	<0.005	JAPAN	Kuraray	0.01	JAPAN
Idemitsu Kosan	0.01	JAPAN	Johnson & Johnson	0.52	USA	Kurita Water Inds	0.01	JAPAN
IDEX Corp	0.02	USA	Johnson Controls International PLC	0.07	USA	Kusuri No Aoki Holdings	<0.005	JAPAN
Idexx Labs	0.06	USA	Johnson Electric	<0.005	HONG KONG	Kyocera Corp	0.02	JAPAN
IDP Education	<0.005	AUSTRALIA	Johnson Matthey	0.01	UNITED KINGDOM	Kyoto Financial Group	0.01	JAPAN
IGO	<0.005	AUSTRALIA	JP Morgan Chase & Co	0.86	USA	Kyowa Kirin	0.01	JAPAN
IHI	0.01	JAPAN	JTEKT	<0.005	JAPAN	Kyudenko Corp	<0.005	JAPAN
Iida Group Holdings	<0.005	JAPAN	Julius Baer Group	0.02	SWITZERLAND	Kyushu Elec Power	0.01	JAPAN
Illinois Tool Wks	0.1	USA	Juniper Networks	0.02	USA	Kyushu Financial Group	<0.005	JAPAN
Illumina Inc	0.02	USA	Justsystems	<0.005	JAPAN	Kyushu Railway	<0.005	JAPAN
Ilika Resources	<0.005	AUSTRALIA	Kadokawa	<0.005	JAPAN	L&F	<0.005	KOREA
IMCD NV	0.01	NETHERLANDS	Kagome	<0.005	JAPAN	L3Harris Technologies	0.06	USA
IMI	0.01	UNITED KINGDOM	Kajima Corp	0.01	JAPAN	La Francaise des Jeux SA	<0.005	FRANCE
Imperial Brands	0.03	UNITED KINGDOM	Kakaku.com Inc.	<0.005	JAPAN	Labcorp Holdings Inc	0.03	USA
Imperial Oil	0.02	CANADA	Kakao	0.01	KOREA	Lam Research	0.21	USA
Incitec Pivot Ltd	0.01	AUSTRALIA	Kakao Games	<0.005	KOREA	Lamb Weston Holdings	0.02	USA
Incyle	0.02	USA	Kakao Pay	<0.005	KOREA	Land Securities Group	0.01	UNITED KINGDOM
Inditex	0.08	SPAIN	KakaoBank	<0.005	KOREA	Las Vegas Sands	0.02	USA
Industrial & Infrastructure Fund Investment	<0.005	JAPAN	Kamigumi	<0.005	JAPAN	LaSalle Logiport REIT	<0.005	JAPAN
Industrial Bank of Korea	<0.005	KOREA	Kandenko	<0.005	JAPAN	Lasertec	0.03	JAPAN
Industrivarden AB C Free	0.01	SWEDEN	Kaneka Corp	<0.005	JAPAN	Latur Investment B	0.01	SWEDEN
Industrivarden AB Ser A	0.01	SWEDEN	Kangwon Land	<0.005	KOREA	Lauder (Estee)	0.04	USA
Indutrade AB	0.01	SWEDEN	Kansai Elec Power	0.02	JAPAN	Lear Corp	0.01	USA
Infinion Technologies AG	0.07	GERMANY	Kansai Paint	<0.005	JAPAN	LEG Immobilien AG	0.01	GERMANY
Informa	0.02	UNITED KINGDOM	Kao	0.03	JAPAN	Legal & General Group	0.03	UNITED KINGDOM
Infratil	0.01	NEW ZEALAND	Katitas	<0.005	JAPAN	Legrand	0.04	FRANCE
INFRONEER Holdings	<0.005	JAPAN	Kawasaki Heavy Industries	0.01	JAPAN	Leidos Holdings	0.03	USA
ING Group CVA	0.08	NETHERLANDS	Kawasaki Kisen Kaisha Ltd	0.01	JAPAN	Lend Lease Group	<0.005	AUSTRALIA
Ingersoll-Rand Inc	0.05	USA	KB Financial Group	0.03	KOREA	Lennar Class A	0.05	USA
INPEX CORPORATION	0.02	JAPAN	KBC Corp	0.02	BELGIUM	Lennar Corp. CI B	<0.005	USA
Inpost SA	0.01	NETHERLANDS	KCC Corp	<0.005	KOREA	Lenovo Group	0.02	HONG KONG
Insignia Financial	<0.005	AUSTRALIA	KDDI Corp	0.06	JAPAN	Leonardo	0.01	ITALY
Insulet Corp.	0.02	USA	KDX Realty Investment	0.01	JAPAN	LG Chem Pfd.	<0.005	KOREA
Insurance Australia Group	0.02	AUSTRALIA	Keihan Holdings	<0.005	JAPAN	LG Chemical	0.02	KOREA
Intact Financial	0.04	CANADA	Keikyu Corporation	<0.005	JAPAN	LG Corp	0.01	KOREA
Intel Corp	0.2	USA	Keio Corp	<0.005	JAPAN	LG Display	<0.005	KOREA
Intercontinental Exchange	0.12	USA	Keisei Electric Railway	0.01	JAPAN	LG Electronics	0.01	KOREA
InterContinental Hotels Group	0.03	UNITED KINGDOM	Kellanova	0.02	USA	LG Electronics Pfd.	<0.005	KOREA
Intermediate Capital Group	0.01	UNITED KINGDOM	Keppco	0.01	KOREA	LG Energy Solution	0.01	KOREA
International Bus Machns.	0.24	USA	KEPCO Plant Service & Engineer	<0.005	KOREA	LG H&H	<0.005	KOREA
International Consolidated Airlines Group	0.01	UNITED KINGDOM	Keppel	0.01	SINGAPORE	LG H&H Pfd.	<0.005	KOREA
International Paper	0.02	USA	Keppel DC REIT	<0.005	SINGAPORE	LG Innotek	<0.005	KOREA
Internet Initiative Japan	<0.005	JAPAN	Keppel REIT	<0.005	SINGAPORE	LG Uplus	<0.005	KOREA
Interpublic Group Cos	0.02	USA	Kering	0.04	FRANCE	Liberty Broadband Series A	<0.005	USA
Interpump Group	0.01	ITALY	Kerry Group 'A'	0.02	IRELAND	Liberty Broadband Series C	0.01	USA
Intertek Group	0.01	UNITED KINGDOM	Kerry Logistics Network	<0.005	HONG KONG	Liberty Formula One Series A	<0.005	USA
Intesa Sanpaolo	0.09	ITALY	Kerry Properties	<0.005	HONG KONG	Liberty Formula One Series C	0.02	USA
Int'l Flavours & Fragrances	0.04	USA	Kesko B	0.01	FINLAND	Liberty Global Ltd	<0.005	USA
Intuit	0.27	USA	Keurig Dr Pepper	0.05	USA	Liberty Global Ltd	<0.005	USA
Intuitive Surgical	0.23	USA	KEWPIE Corporation	<0.005	JAPAN	LIBERTY SIRIUSXM SERIES A	<0.005	USA
Investor A	0.02	SWEDEN	Keycorp	0.02	USA	LIBERTY SIRIUSXM SERIES C	<0.005	USA
Investor B Free	0.07	SWEDEN	Keyence Corp	0.13	JAPAN	Lifco AB	0.01	SWEDEN
Invincible Investment	<0.005	JAPAN	Keysight Technologies	0.04	USA	Lilly (Eli) & Co	1.14	USA
Invitation Homes	0.03	USA	KGHM Polska Miedz	0.01	POLAND	Linde plc	0.31	USA
Inwit	0.01	ITALY	KIA Motors	0.03	KOREA	Lindt & Spruengli - PC	0.02	SWITZERLAND
Ipsen	0.01	FRANCE	Kikkoman	0.02	JAPAN	Lindt & Spruengli - Reg	0.02	SWITZERLAND
			Kimberly-Clark	0.07	USA	Link Real Estate Investment Trust	0.01	HONG KONG
						Lion Corp	<0.005	JAPAN

Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market
Liontown Resources	<0.005	AUSTRALIA	Micron Technology	0.21	USA	Nihon Kohden	<0.005	JAPAN
Live Nation Entertainment	0.02	USA	Microsoft Corp	4.93	USA	Nihon M&A Center	<0.005	JAPAN
LXIL	<0.005	JAPAN	Mid-America Apartment Comm	0.02	USA	Nike Inc Cl B	0.13	USA
LKQ	0.02	USA	Minebea Mitsumi	0.01	JAPAN	Nikon Corp	<0.005	JAPAN
Lloyds Banking Group	0.06	UNITED KINGDOM	Mineral Resources	0.01	AUSTRALIA	Nintendo	0.08	JAPAN
Loblaw Companies	0.03	CANADA	Mirae Asset Daewoo	<0.005	KOREA	Nippon Accommodations Fund	<0.005	JAPAN
L'Occitane International S.A.	<0.005	HONG KONG	Mirvac Group	0.01	AUSTRALIA	Nippon Building Fund Inc	0.01	JAPAN
Lockheed Martin Corp	0.15	USA	MISUMI Group	0.01	JAPAN	Nippon Electric Glass	<0.005	JAPAN
Loew's	0.02	USA	Mitsubishi Chemical Holdings	0.01	JAPAN	Nippon Express Holdings	<0.005	JAPAN
Logitech	0.02	SWITZERLAND	Mitsubishi Corp	0.11	JAPAN	Nippon Kayaku	<0.005	JAPAN
London Stock Exchange Group	0.09	UNITED KINGDOM	Mitsubishi Electric Corp	0.05	JAPAN	Nippon Paint	0.01	JAPAN
Lonza Grp Ag N	0.06	SWITZERLAND	Mitsubishi Estate	0.03	JAPAN	Nippon Prologis REIT	0.01	JAPAN
L'Oreal	0.15	FRANCE	Mitsubishi Gas Chemical	0.01	JAPAN	Nippon Sanso Holdings	0.01	JAPAN
Lotte Chemical	<0.005	KOREA	Mitsubishi HC Capital	0.01	JAPAN	Nippon Shinyaku	<0.005	JAPAN
Lotte Chilsung Beverage	<0.005	KOREA	Mitsubishi Heavy Inds	0.05	JAPAN	Nippon Shokubai	<0.005	JAPAN
Lotte Energy Materials	<0.005	KOREA	Mitsubishi Logistics	<0.005	JAPAN	Nippon Steel	0.03	JAPAN
LOTTE Fine Chemical	<0.005	KOREA	Mitsubishi Materials Corpn	<0.005	JAPAN	Nippon Telegraph and Telephone	0.04	JAPAN
Lotte Holdings	<0.005	KOREA	Mitsubishi Motors	<0.005	JAPAN	Nippon Yusen	0.02	JAPAN
Lotte Shopping	<0.005	KOREA	Mitsubishi UFJ Financial	0.17	JAPAN	Nipro	<0.005	JAPAN
Lotus Bakeries	0.01	BELGIUM	Mitsui & Co	0.08	JAPAN	Nishi-Nippon Railroad	<0.005	JAPAN
Lowes Cos Inc	0.19	USA	Mitsui Chemicals	0.01	JAPAN	Nisource	0.02	USA
LPL Financial Holdings	0.03	USA	Mitsui Fudosan	0.04	JAPAN	Nissan Chemical	0.01	JAPAN
LPP SA	0.01	POLAND	Mitsui Fudosan Logistics Park	<0.005	JAPAN	Nissan Motor	0.01	JAPAN
LS Corp	<0.005	KOREA	Mitsui High-Tec	<0.005	JAPAN	Nissin Seifun Group	<0.005	JAPAN
Lucid Group Inc (A)	<0.005	USA	Mitsui Mining & Smelt	<0.005	JAPAN	NISSIN FOODS HOLDINGS	0.01	JAPAN
lululemon athletica inc.	0.05	USA	Mitsui Osk Lines	0.01	JAPAN	Niterra	0.01	JAPAN
Lundberg B	0.01	SWEDEN	Miura	<0.005	JAPAN	Nitori Holdings	0.01	JAPAN
LVMH	0.28	FRANCE	Mivne Real Estate	<0.005	ISRAEL	Nitto Denko Corp	0.02	JAPAN
LY	0.01	JAPAN	Mizrahi Tefahot Bank Ltd.	0.01	ISRAEL	NN Group	0.02	NETHERLANDS
Lynas Corp	0.01	AUSTRALIA	Mizuho Financial Group	0.08	JAPAN	Noevir Holdings	<0.005	JAPAN
LyondellBasell Industries Cl A	0.04	USA	MMG	<0.005	HONG KONG	Nof Corp	<0.005	JAPAN
M&G	0.01	UNITED KINGDOM	Moderna	0.06	USA	NOK	<0.005	JAPAN
M&T Bank	0.04	USA	Molina Healthcare	0.03	USA	Nokia	0.03	FINLAND
M3	0.01	JAPAN	Molson Coors Beverage Company	0.01	USA	Nomura Holdings	0.02	JAPAN
Mabuchi Motor	<0.005	JAPAN	Moncler	0.02	ITALY	Nomura Real Estate Holdings	<0.005	JAPAN
Maconia Fuji Electronics Holdings	<0.005	JAPAN	Mondelez International Inc.	0.13	USA	Nomura Real Estate Master Fund	0.01	JAPAN
Macquarie Group	0.07	AUSTRALIA	Mondi	0.01	UNITED KINGDOM	Nomura Research Institute	0.02	JAPAN
Magellan Financial Group	<0.005	AUSTRALIA	Money Forward	<0.005	JAPAN	Nong Shim	<0.005	KOREA
Magna International Inc.	0.02	CANADA	MongoDB	0.03	USA	Nordea Bank Abp	0.06	FINLAND
Mainfreight	<0.005	NEW ZEALAND	Monolithic Power Systems	0.06	USA	Norfolk Sthn Corp	0.07	USA
Makita Corp	0.01	JAPAN	MonotaRO	<0.005	JAPAN	Norsk Hydro	0.01	NORWAY
Man Wah Holdings Ltd.	<0.005	HONG KONG	Monster Beverage	0.06	USA	Northern Star Resources	0.01	AUSTRALIA
Mani	<0.005	JAPAN	Moodys Corporation	0.1	USA	Northern Trust	0.03	USA
Manulife Financial	0.07	CANADA	Morgan Stanley	0.17	USA	Northrop Grumman Corp	0.09	USA
Mapfre S.A.	<0.005	SPAIN	Mori Hills REIT Investment	<0.005	JAPAN	Nova	0.01	ISRAEL
Mapletree Industrial Trust	<0.005	SINGAPORE	Morningstar	<0.005	JAPAN	Novaritis (REGD)	0.32	SWITZERLAND
Mapletree Logistics Trust	<0.005	SINGAPORE	Morningstar Milk Industry	<0.005	JAPAN	Novonesis (Novozymes) B	0.03	DENMARK
Mapletree Pan Asia Commercial Trust	<0.005	SINGAPORE	Mosaic Company	0.01	USA	Novo-Nordisk B	0.66	DENMARK
Marathon Oil Corp	0.02	USA	Motorola Solutions	0.09	USA	NRG Energy	0.02	USA
Marathon Petroleum	0.09	USA	Mowi ASA	0.01	NORWAY	NS Solutions	<0.005	JAPAN
Market Group Inc	0.03	USA	MS&AD Insurance Group Holdings	0.04	JAPAN	NSK	<0.005	JAPAN
MarketAxess Holdings	0.01	USA	MSCI	0.05	USA	NTT Data Corp.	0.01	JAPAN
Marks & Spencer Group	0.01	UNITED KINGDOM	MTR Corp	0.01	HONG KONG	Nu Holdings	0.06	USA
Marriott International	0.08	USA	MTU Aero Engines AG	0.02	GERMANY	Nucor Corp	0.06	USA
Marsh & McLennan	0.15	USA	Muenchener Rueckversicherungs Reg	0.1	GERMANY	Nufarm	<0.005	AUSTRALIA
Martin Marietta Materials	0.05	USA	Murata Manufacturing	0.05	JAPAN	Nutrien Ltd	0.04	CANADA
Marubeni Corp	0.04	JAPAN	Nabtesco Corp	<0.005	JAPAN	Nvidia	4.35	USA
Marui Group	<0.005	JAPAN	NagaCorp	<0.005	HONG KONG	NVR Inc	0.03	USA
Maruichi Steel Tube	<0.005	JAPAN	Nagase & Co	<0.005	JAPAN	NWS Holdings	<0.005	HONG KONG
Maruwa	<0.005	JAPAN	Nagoya Railroad	<0.005	JAPAN	NXP Semiconductors	0.1	USA
Marvell Technology	0.09	USA	Nankai Electric Railway	<0.005	JAPAN	O'Reilly Auto	0.09	USA
Masco Corp	0.02	USA	Nasdaq	0.03	USA	Obayashi	0.01	JAPAN
Mastercard CL A	0.54	USA	National Australia Bank	0.11	AUSTRALIA	Obic	0.01	JAPAN
Match Group	0.01	USA	National Bank of Canada	0.04	CANADA	Obic Business Consultants	<0.005	JAPAN
Matsui Securities Co Ltd	<0.005	JAPAN	National Grid	0.08	UNITED KINGDOM	Ocado Group	<0.005	UNITED KINGDOM
MatsuyukiCocokara	0.01	JAPAN	Naturgy Energy Group SA	<0.005	SPAIN	Occidental Petroleum	0.06	USA
Mazda Motor	0.01	JAPAN	Naturgy Energy Group SA	<0.005	SPAIN	OCI Holdings	<0.005	KOREA
McCormick & Co	0.03	USA	Natwest Group	0.04	UNITED KINGDOM	Oci NV	<0.005	NETHERLANDS
McDonalds Corp	0.27	USA	NAVER	0.02	KOREA	Odakyu Electric Railway	<0.005	JAPAN
McDonald's Holdings (Japan)	0.01	JAPAN	Ncsoft	<0.005	KOREA	Oji Holdings	0.01	JAPAN
McKesson	0.11	USA	NEC	0.03	JAPAN	Okta	0.02	USA
Mebuki Financial Group	0.01	JAPAN	NEC Networks & System Integration	<0.005	JAPAN	Okuma	<0.005	JAPAN
Medibank Private	0.01	AUSTRALIA	Nemetschek SE	0.01	GERMANY	Olam Group	<0.005	SINGAPORE
Mediobanca	0.01	ITALY	Neoen S.A.	<0.005	FRANCE	Old Dominion Freight Line	0.05	USA
Medipal Holdings	<0.005	JAPAN	Neste Oyj	0.01	FINLAND	Olympus	0.03	JAPAN
Medtronic plc	0.16	USA	Nestle	0.4	SWITZERLAND	Omnicom Group	0.03	USA
Meiji Holdings	0.01	JAPAN	Net One	<0.005	JAPAN	Omron Corp	0.01	JAPAN
Melco International Development	<0.005	HONG KONG	NetApp	0.04	USA	OMV	0.01	AUSTRIA
Melisron	<0.005	ISRAEL	Netflix Inc	0.43	USA	ON Semiconductor Corp	0.04	USA
Melrose Industries	0.01	UNITED KINGDOM	NetLink NBN Trust	<0.005	SINGAPORE	ONEOK Inc	0.07	USA
Menicon	<0.005	JAPAN	Netmarble	<0.005	KOREA	Ono Pharmaceutical	0.01	JAPAN
Mercadolibre Inc.	0.11	USA	New Hope	<0.005	AUSTRALIA	Open House	<0.005	JAPAN
Mercari	<0.005	JAPAN	New World Development	<0.005	HONG KONG	Oracle Corp.	0.33	USA
Mercedes-Benz Group AG	0.09	GERMANY	Newmont Corporation	0.07	USA	Oracle Corporation Japan	<0.005	JAPAN
Merck & Co	0.47	USA	News Corporation Cl A	0.02	USA	Orange	0.03	FRANCE
Merck Kgaa	0.03	GERMANY	News Corporation Cl B	<0.005	USA	Orica	0.01	AUSTRALIA
Mercury NZ	<0.005	NEW ZEALAND	Nexi	0.01	ITALY	Orient Corp	<0.005	JAPAN
Meridian Energy	0.01	NEW ZEALAND	Nexon	0.01	JAPAN	Orient Overseas (International)	<0.005	HONG KONG
Meritz Finance Holdings	0.01	KOREA	Next	0.02	UNITED KINGDOM	Oriental Land	0.04	JAPAN
Merlin Properties Socimi SA	0.01	SPAIN	NEXTDC	0.01	AUSTRALIA	Origin Energy	0.02	AUSTRALIA
Meta Platforms Inc	1.64	USA	Nexteer Automotive Group	<0.005	HONG KONG	Orion	<0.005	KOREA
Metcash	<0.005	AUSTRALIA	NextEra Energy Inc	0.22	USA	Orion B	0.01	FINLAND
Metlife	0.06	USA	NGK Insulators	<0.005	JAPAN	Orix Corporation	0.04	JAPAN
Metro Inc.	0.02	CANADA	NH Foods	<0.005	JAPAN	Orix Jreit Inc	<0.005	JAPAN
Metso Corporation	0.01	FINLAND	NH Investment & Securities	<0.005	KOREA	Orkla A	0.01	NORWAY
Mettler-Toledo	0.04	USA	NHK Spring Co	<0.005	JAPAN	ORLEN S.A.	0.01	POLAND
MGM China Holdings	<0.005	HONG KONG	NIBE Industrier B	0.01	SWEDEN	Orora	<0.005	AUSTRALIA
MGM Resorts International	0.02	USA	Nice Ltd	0.02	ISRAEL	Orsted	0.01	DENMARK
Michelin B	0.04	FRANCE	Nichirei	<0.005	JAPAN	Osaka Gas	0.01	JAPAN
Microchip Technology	0.07	USA	Nidec Corp	0.03	JAPAN	OSG	<0.005	JAPAN
			Nifco	<0.005	JAPAN			

Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market
Otis Worldwide	0.06	USA	Redeia Corporation	0.01	SPAIN	Sawai Group Holdings	<0.005	JAPAN
Otsuka	0.01	JAPAN	Reece	0.01	AUSTRALIA	SBA Communications	0.03	USA
Otsuka Holdings	0.03	JAPAN	Regency Centers	0.02	USA	SBI Holdings	0.01	JAPAN
Ottagi	<0.005	KOREA	Regeneron Phar	0.16	USA	SCA B	0.01	SWEDEN
Oversea-Chinese Banking	0.06	SINGAPORE	Region Group	<0.005	AUSTRALIA	Scentre Group	0.02	AUSTRALIA
Paccar	0.08	USA	Regions Financial	0.03	USA	Schibsted A	<0.005	NORWAY
Packaging Corp of America	0.02	USA	Relo Group	<0.005	JAPAN	Schibsted B	<0.005	NORWAY
Palantir Technologies	0.08	USA	RELX	0.13	UNITED KINGDOM	Schindler Holding (Cert)	0.02	SWITZERLAND
Palo Alto Networks	0.15	USA	Remy Cointreau	<0.005	FRANCE	Schindler Holding (Reg)	0.01	SWITZERLAND
Paltac	<0.005	JAPAN	RenaissanceRe	0.02	USA	Schlumberger	0.1	USA
Pan Ocean	<0.005	KOREA	Renault	0.01	FRANCE	Schneider Electric	0.19	FRANCE
Pan Pacific International Holdings	0.01	JAPAN	Renasas Electronics	0.04	JAPAN	Schroders	0.01	UNITED KINGDOM
Panasonic Holdings	0.02	JAPAN	Rengo	<0.005	JAPAN	Schwab (Charles) Corp	0.16	USA
Pandora A/S	0.02	DENMARK	Rentokil Initial	0.02	UNITED KINGDOM	Scor S.A.	0.01	FRANCE
Paradise	<0.005	KOREA	Reply	<0.005	ITALY	Scout24	0.01	GERMANY
Paramount Global (B)	0.01	USA	Repsol	0.03	SPAIN	SCREEN Holdings	0.01	JAPAN
Park24	<0.005	JAPAN	Republic Services	0.06	USA	SCSK	<0.005	JAPAN
Parker-Hannifin	0.1	USA	Resmed Inc	0.04	USA	SD Biosensor	<0.005	KOREA
Partners Group AG	0.04	SWITZERLAND	Resona Holdings	0.02	JAPAN	Seagate Technology Holdings PLC	0.03	USA
Paychex	0.06	USA	Resonac Holdings	0.01	JAPAN	Seatrium	<0.005	SINGAPORE
Paycom Software	0.01	USA	Resorttrust	<0.005	JAPAN	SEB	<0.005	FRANCE
PayPal Holdings	0.09	USA	Restaurant Brands International	0.03	CANADA	Secom	0.02	JAPAN
PCCW	<0.005	HONG KONG	Reivity Inc	0.02	USA	Securitas AB B	0.01	SWEDEN
Pearl Abyss	<0.005	KOREA	Rexel S.A.	0.01	FRANCE	Seegene	<0.005	KOREA
Pearson	0.01	UNITED KINGDOM	Rheinmetall	0.03	GERMANY	Seek	0.01	AUSTRALIA
Pembina Pipeline	0.03	CANADA	Ricoh	0.01	JAPAN	Sega Sammy Holdings	<0.005	JAPAN
Penta Ocean Construction	<0.005	JAPAN	Rightmove	0.01	UNITED KINGDOM	Segro	0.02	UNITED KINGDOM
Pentair plc	0.02	USA	Rinnai Corp	<0.005	JAPAN	SEI Invest Co	0.01	USA
Peppco Group	<0.005	POLAND	Rio Tinto	0.1	UNITED KINGDOM	Seibu Holdings	<0.005	JAPAN
Pepsico	0.34	USA	Rio Tinto Ltd.	0.04	AUSTRALIA	Seiko Epson	0.01	JAPAN
Peptidream	<0.005	JAPAN	Rivian Automotive	0.02	USA	Seino Holdings	<0.005	JAPAN
Pernod Ricard	0.04	FRANCE	Robert Half Inc	0.01	USA	Sekisui Chemical	0.01	JAPAN
Perpetual	<0.005	AUSTRALIA	Roblox	0.03	USA	Sekisui House	0.02	JAPAN
Persimmon	0.01	UNITED KINGDOM	Roche Hldgs (BR)	0.02	SWITZERLAND	Sekisui House Reit	<0.005	JAPAN
Persol Holdings	<0.005	JAPAN	Roche Hldgs (GENUS)	0.28	SWITZERLAND	Sembcorp Industries	<0.005	SINGAPORE
Pfizer	0.24	USA	Rockwell Automation	0.05	USA	Sempra	0.07	USA
PG & E Corp.	0.06	USA	ROCKWOOL A/S B	0.01	DENMARK	ServiceNow	0.24	USA
Philip Morris International	0.23	USA	Rohm	0.01	JAPAN	Seven & I Holdings	0.04	JAPAN
Phillips 66	0.09	USA	Rohto Pharmaceutical	0.01	JAPAN	Seven Bank	<0.005	JAPAN
Phoenix Group Holdings	0.01	UNITED KINGDOM	Rollins Inc	0.02	USA	Seven Group Holdings	0.01	AUSTRALIA
Phoenix Holdings	<0.005	ISRAEL	Rolls-Royce Holdings	0.07	UNITED KINGDOM	Severn Trent	0.01	UNITED KINGDOM
Pigeon	<0.005	JAPAN	Roper Technologies	0.09	USA	SG Holdings	0.01	JAPAN
Pilbara Minerals	0.01	AUSTRALIA	Ross Stores	0.07	USA	SGS S.A.	0.02	SWITZERLAND
Pinnacle West Capital Corp	0.01	USA	Royal Bank Of Canada	0.22	CANADA	Shangri-La Asia	<0.005	HONG KONG
Pinterest	0.04	USA	Royal Caribbean Group	0.06	USA	Shapir Engineering and Industry Ltd	<0.005	ISRAEL
Pirelli & C	<0.005	ITALY	Royal KPN	0.02	NETHERLANDS	Sharp	<0.005	JAPAN
PKO Bank Polski	0.02	POLAND	Royalty Pharma	0.02	USA	Shell	0.34	UNITED KINGDOM
Pluxee	<0.005	FRANCE	RS Group	0.01	UNITED KINGDOM	Sherwin-Williams	0.1	USA
PNC Financial Services Group	0.09	USA	RTL Group	<0.005	GERMANY	Shift	<0.005	JAPAN
Pola Orbis Holdings	<0.005	JAPAN	RTX Corporation	0.2	USA	Shikoku Electric Power	<0.005	JAPAN
Pool	0.02	USA	RWE	0.04	GERMANY	Shimadzu Corp	0.01	JAPAN
Posco	0.03	KOREA	Ryman Healthcare	<0.005	NEW ZEALAND	Shimamura	<0.005	JAPAN
Posco Dx	<0.005	KOREA	Ryohin Keikaku	0.01	JAPAN	Shimano	0.02	JAPAN
POSCO Future M	0.01	KOREA	S&P Global	0.21	USA	Shimizu Corp	<0.005	JAPAN
Posco International	<0.005	KOREA	S1 Corporation	<0.005	KOREA	Shin-Etsu Chemical	0.11	JAPAN
Poste Italiane	0.01	ITALY	SAAB B	0.01	SWEDEN	Shinhan Financial Group	0.03	KOREA
Power Assets Holdings	0.01	HONG KONG	Safran	0.11	FRANCE	Shinko Elec Ind	<0.005	JAPAN
Power Corp Canada	0.02	CANADA	Sagax AB	0.01	SWEDEN	Shinsegae	<0.005	KOREA
Powszechny Zaklad Ubezpieczen SA	0.01	POLAND	Sagax D Line	<0.005	SWEDEN	Shionogi	0.01	JAPAN
PPG Industries	0.04	USA	Sage Group	0.02	UNITED KINGDOM	Ship Healthcare Holdings	<0.005	JAPAN
PPL Corporation	0.03	USA	Sainsbury (J)	0.01	UNITED KINGDOM	Shiseido	0.02	JAPAN
Prada	0.01	HONG KONG	Salesforce Inc	0.36	USA	Shizuoka Financial Group	0.01	JAPAN
Price (T. Rowe) Group	0.04	USA	Salmat ASA	<0.005	NORWAY	Sho-Bond Holdings	<0.005	JAPAN
Principal Financial Group	0.03	USA	Sampo Oyj	0.03	FINLAND	SHOPIFY INC	0.12	CANADA
Pro Medicus Ltd	0.01	AUSTRALIA	Samsonite International	0.01	HONG KONG	SIA Engineering	<0.005	SINGAPORE
Procter & Gamble	0.58	USA	Samsung Biologics	0.01	KOREA	Siemens AG	0.21	GERMANY
Progressive Corp	0.18	USA	Samsung C&T	0.01	KOREA	Siemens Energy	0.02	GERMANY
Prologis	0.15	USA	Samsung Card	<0.005	KOREA	Siemens Healthineers	0.02	GERMANY
Prosus	0.08	NETHERLANDS	Samsung E&A	<0.005	KOREA	SIG Group AG	0.01	SWITZERLAND
Prudential	0.04	UNITED KINGDOM	Samsung Electro-Mechanics	0.01	KOREA	Signify NV	<0.005	NETHERLANDS
Prudential Financial	0.06	USA	Samsung Electronics	0.42	KOREA	Sika	0.06	SWITZERLAND
Prysmian	0.03	ITALY	Samsung Electronics Pfd.	0.06	KOREA	Simon Property Group	0.07	USA
PSP Swiss Property	0.01	SWITZERLAND	Samsung Fire & Marine Insurance	0.01	KOREA	Sims	<0.005	AUSTRALIA
PTC	0.03	USA	Samsung Fire & Marine Insurance Pfd.	<0.005	KOREA	Singapore Airlines	0.01	SINGAPORE
Public Storage	0.07	USA	Samsung Heavy Industries	0.01	KOREA	Singapore Exchange	0.01	SINGAPORE
Public Svc Enterprise Group	0.05	USA	Samsung Life Insurance Co. Ltd.	0.01	KOREA	Singapore Post Ltd	<0.005	SINGAPORE
Publicis Group	0.04	FRANCE	Samsung SDI	0.02	KOREA	Singapore Technologies Engineering	0.01	SINGAPORE
Pulte Group	0.03	USA	Samsung SDI Pfd. Series 1	<0.005	KOREA	Singapore Telecommunications	0.02	SINGAPORE
Puma	0.01	GERMANY	Samsung SDS	0.01	KOREA	Sino Land	0.01	HONG KONG
Qantas Airways	<0.005	AUSTRALIA	Samsung Securities	<0.005	KOREA	Sirius XM Holdings	<0.005	USA
QBE Insurance Group	0.03	AUSTRALIA	Sandoz Group	0.02	SWITZERLAND	SITC International Holdings	0.01	HONG KONG
Qiagen Nv	0.01	GERMANY	Sands China	0.01	HONG KONG	Sixt SE	<0.005	GERMANY
Qorvo Inc.	0.02	USA	Sandvik AB	0.03	SWEDEN	Sixt SE (PREF)	<0.005	GERMANY
Qualcomm	0.33	USA	Sanken Electric	<0.005	JAPAN	SJM Holdings	<0.005	HONG KONG
Quanta Services	0.05	USA	Sankyo	<0.005	JAPAN	SK	0.01	KOREA
Qube Holdings	0.01	AUSTRALIA	Sankyo	<0.005	JAPAN	SK Biopharmaceuticals	<0.005	KOREA
Quest Diagnostics	0.02	USA	Sanofi	0.16	FRANCE	SK Bioscience	<0.005	KOREA
Raiffeisen Bank International	<0.005	AUSTRIA	Sanrio	0.01	JAPAN	SK Chemicals	<0.005	KOREA
Rakus	<0.005	JAPAN	Santander Bank Polska SA	0.01	POLAND	SK Hynix	0.14	KOREA
Rakuten	0.01	JAPAN	Santen Pharmaceutical	<0.005	JAPAN	SK IE Technology	<0.005	KOREA
Rakuten Bank	<0.005	JAPAN	Santos	0.02	AUSTRALIA	SK Innovation	0.01	KOREA
Ramsay Health Care	0.01	AUSTRALIA	Sanwa Holdings	0.01	JAPAN	Sk Networks	<0.005	KOREA
Randstad NV	0.01	NETHERLANDS	SAP	0.33	GERMANY	SK Square	0.01	KOREA
Rational	0.01	GERMANY	Sapporo Holdings	<0.005	JAPAN	Skandinaviska Enskilda Banken AB A	0.03	SWEDEN
Raymond James Financial	0.03	USA	Saputo	0.01	CANADA	Skandinaviska Enskilda Banken AB C	<0.005	SWEDEN
REA Group	0.01	AUSTRALIA	Sartorius Ag	<0.005	GERMANY	Skanska B	0.01	SWEDEN
Realty Income	0.07	USA	Sartorius AG Pref	0.01	GERMANY	SKC	<0.005	KOREA
Reckitt Benckiser Group	0.06	UNITED KINGDOM	Sartorius Stedim Biotech	0.01	FRANCE	SKF B	0.01	SWEDEN
Recordati	0.01	ITALY	SATS	<0.005	SINGAPORE	Sky City Entertainment Group	<0.005	NEW ZEALAND
Recruit Holdings	0.11	JAPAN				Skylark Holdings	<0.005	JAPAN

Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market
Skyworks Solutions Inc	0.03	USA	Synchrony Financial	0.03	USA	Trane Technologies PLC	0.11	USA
SMC Corp	0.04	JAPAN	Synopsys Inc	0.13	USA	TransDigm	0.1	USA
Smith & Nephew	0.02	UNITED KINGDOM	Sysco Corp	0.05	USA	TransUnion	0.02	USA
Smith (DS)	0.01	UNITED KINGDOM	Sysmex	0.01	JAPAN	Transurban Group	0.04	AUSTRALIA
Smiths Group	0.01	UNITED KINGDOM	T&D Holdings	0.01	JAPAN	Traton	<0.005	GERMANY
SMS	<0.005	JAPAN	Tabcorp Holdings	<0.005	AUSTRALIA	Travelers Cos Inc.	0.07	USA
Smurfit Kappa Group	0.02	UNITED KINGDOM	Taiheyo Cement Corp	<0.005	JAPAN	Treasury Wine Estates	0.01	AUSTRALIA
Snam	0.01	ITALY	Taisei	0.01	JAPAN	Trelleborg Ab Ser B	0.01	SWEDEN
Snap-On Inc	0.02	USA	Taiyo Yuden	<0.005	JAPAN	Trend Micro	0.01	JAPAN
Snowflake	0.06	USA	Takara Holdings	<0.005	JAPAN	Trimble	0.02	USA
Societe Generale	0.03	FRANCE	Takashimaya	<0.005	JAPAN	Truist Financial Corporation	0.08	USA
Socionext	0.01	JAPAN	Takeda Pharmaceutical	0.06	JAPAN	Tryg A/S	0.01	DENMARK
Sodexo	0.01	FRANCE	Take-Two Interactive Software	0.04	USA	TS TECH	<0.005	JAPAN
Sofina	0.01	BELGIUM	Talanx AG	0.01	GERMANY	Tsumura & Co	<0.005	JAPAN
SoftBank	0.05	JAPAN	Targa Resources Corp.	0.04	USA	Tsuruha Holdings	<0.005	JAPAN
SoftBank Group	0.09	JAPAN	Target Corp	0.1	USA	Twilio	0.01	USA
Sohgo Security Services	<0.005	JAPAN	Taylor Wimpey	0.01	UNITED KINGDOM	Tyler Technologies	0.03	USA
S-Oil Corp.	<0.005	KOREA	TBS Holdings	<0.005	JAPAN	Tyson Foods Inc A	0.02	USA
Soitec	<0.005	FRANCE	TC Energy	0.06	CANADA	Ube Industries	<0.005	JAPAN
Sojitz	0.01	JAPAN	TDK Corp	0.03	JAPAN	Uber Technologies	0.22	USA
Solus Advanced Materials	<0.005	KOREA	TE Connectivity	0.07	USA	Ubiquiti	<0.005	USA
Solventum Corporation	0.01	USA	Tecan Group	0.01	SWITZERLAND	UBS Group AG	0.14	SWITZERLAND
Sompo Holdings	0.03	JAPAN	TechnoPro Holdings	<0.005	JAPAN	UCB Cap	0.03	BELGIUM
Sonic Healthcare	0.01	AUSTRALIA	Teclonic Industries	0.02	HONG KONG	UDR	0.02	USA
Sonova Holding AG	0.02	SWITZERLAND	Teck Resources Ltd	0.03	CANADA	UiPath	0.01	USA
Sony Corp	0.15	JAPAN	Teijin	<0.005	JAPAN	Ulta Beauty	0.03	USA
Sotetsu Holdings Inc	<0.005	JAPAN	Tele2 AB	0.01	SWEDEN	Ulvac	<0.005	JAPAN
South32	0.02	AUSTRALIA	Telecom Italia	<0.005	ITALY	Umicore	<0.005	BELGIUM
Southern Co	0.13	USA	Telecom Italia Rsp	<0.005	ITALY	Unibail Rodamco Westfield	0.01	FRANCE
Southern Copper Corp.	0.01	USA	Teledyne Tech	0.03	USA	Uni-Charm	0.02	JAPAN
Southwest Airlines	0.01	USA	Telexif Inc	0.01	USA	Unicredit	0.09	ITALY
Spark New Zealand	0.01	NEW ZEALAND	Telefonaktiebolaget LM Ericsson	0.03	SWEDEN	Unilever	0.2	UNITED KINGDOM
Spirax Group	0.01	UNITED KINGDOM	Telefonica	0.03	SPAIN	Union Pacific Corp	0.2	USA
SPOTIFY TECHNOLOGY SA	0.07	USA	Telekom Austria	<0.005	AUSTRIA	Unité Group	0.01	UNITED KINGDOM
Square Enix Holdings	<0.005	JAPAN	Telenor A/S	0.01	NORWAY	United Airlines Holdings Inc	0.01	USA
SS&C Technologies Holdings	0.02	USA	Teleperformance	0.01	FRANCE	United Energy Group	<0.005	HONG KONG
SSAB AB A	<0.005	SWEDEN	Telia Co AB	0.01	SWEDEN	United Overseas Bank	0.04	SINGAPORE
SSAB AB B	<0.005	SWEDEN	Telstra Group	0.01	AUSTRALIA	United Parcel Service	0.15	USA
SSE	0.04	UNITED KINGDOM	Telus Corporation	0.01	CANADA	United Rentals	0.06	USA
St Gobain (Cie De)	0.05	FRANCE	Temenos Group	0.01	SWITZERLAND	United Urban Investment	<0.005	JAPAN
St. James's Place	0.01	UNITED KINGDOM	Tenaris	0.01	ITALY	United Utilities Group	0.01	UNITED KINGDOM
Standard Chartered	0.03	UNITED KINGDOM	Teradyne	0.03	USA	Unitedhealth Group	0.69	USA
Stanley Black & Decker	0.02	USA	Terna	0.02	ITALY	Unity Software	0.01	USA
Stanley Electric	<0.005	JAPAN	Terumo Corp	0.03	JAPAN	Universal Health Services B	0.02	USA
Starbucks	0.13	USA	Tesco	0.04	UNITED KINGDOM	Universal Music Group	0.03	NETHERLANDS
StarHub	<0.005	SINGAPORE	Tesla	0.81	USA	UOL Group	<0.005	SINGAPORE
State Street Corp.	0.03	USA	Teva Pharmaceutical	0.03	ISRAEL	UPM-Kymmene	0.03	FINLAND
Steadfast Group	0.01	AUSTRALIA	Texas Instruments	0.26	USA	US Bancorp	0.09	USA
Steel Dynamics	0.03	USA	Texas Pacific Land Corporation	0.02	USA	Ushio Inc	<0.005	JAPAN
Stellantis NV	0.06	ITALY	Textron	0.02	USA	USS	0.01	JAPAN
STERIS plc	0.03	USA	Thai Beverage	<0.005	SINGAPORE	Vail Resorts	0.01	USA
STMicroelectronics	0.04	FRANCE	Thales	0.02	FRANCE	Valeo	<0.005	FRANCE
Stockland	0.01	AUSTRALIA	The Cigna Group	0.14	USA	Valero Energy	0.08	USA
Stora Enso R	0.01	FINLAND	The Lottery	0.01	AUSTRALIA	Valmet	0.01	FINLAND
Straumann Hld N	0.02	SWITZERLAND	The Star Entertainment Group	<0.005	AUSTRALIA	Var Energi AS	<0.005	NORWAY
Strauss Group	<0.005	ISRAEL	THE TRADE DESK	0.06	USA	VAT Group AG	0.02	SWITZERLAND
Stryker	0.18	USA	Thermo Fisher Scientific	0.31	USA	Veeva Systems	0.04	USA
Subaru	0.02	JAPAN	THK	<0.005	JAPAN	Ventas Inc	0.03	USA
Sugi Holdings	<0.005	JAPAN	Thomson Reuters	0.03	CANADA	Venture Corp	<0.005	SINGAPORE
Sumco	0.01	JAPAN	Thyssen Krupp	<0.005	GERMANY	Veolia Environnement	0.03	FRANCE
Sumitomo Bakelite	<0.005	JAPAN	TIS	0.01	JAPAN	Veralto Corporation	0.03	USA
Sumitomo Chemical	<0.005	JAPAN	TJX Companies	0.18	USA	Verbund Oesterreich Elektrizitats	0.01	AUSTRIA
Sumitomo Corp	0.04	JAPAN	T-Mobile US Inc.	0.13	USA	VeriSign Inc	0.02	USA
Sumitomo Electric Industries	0.02	JAPAN	Tobu Railway	0.01	JAPAN	Verisk Analytics	0.06	USA
Sumitomo Forestry	0.01	JAPAN	Toda Corp	<0.005	JAPAN	Verizon Communications	0.26	USA
Sumitomo Heavy Ind	<0.005	JAPAN	Toei Animation	<0.005	JAPAN	Vertex Pharm	0.18	USA
Sumitomo Metal Mining	0.01	JAPAN	Toho	<0.005	JAPAN	Vestas Wind Systems	0.03	DENMARK
Sumitomo Mitsui Financial Group	0.12	JAPAN	Toho Gas	<0.005	JAPAN	Viatis	0.02	USA
Sumitomo Mitsui Trust Holdings	0.02	JAPAN	Tohoku Elec Power	0.01	JAPAN	VICI Properties	0.04	USA
Sumitomo Pharma	<0.005	JAPAN	Tokai Carbon	<0.005	JAPAN	Vicinity Centers	0.01	AUSTRALIA
Sumitomo Realty & Development	0.02	JAPAN	Tokio Marine Holdings	0.11	JAPAN	Vinci	0.08	FRANCE
Sumitomo Rubber Industries	<0.005	JAPAN	Tokyo Century	<0.005	JAPAN	Visa	0.61	USA
Sun Communities	0.02	USA	Tokyo Electric Power Co Holdings	0.01	JAPAN	Vistra Corp	0.04	USA
Sun Hung Kai Properties	0.02	HONG KONG	Tokyo Electron	0.14	JAPAN	Vitasoy International Holdings	<0.005	HONG KONG
Sun Life Financial	0.04	CANADA	Tokyo Gas	0.01	JAPAN	Vivendi	0.01	FRANCE
Suncor Energy	0.07	CANADA	Tokyo Ohka Kogyo	<0.005	JAPAN	Vodafone Group	0.03	UNITED KINGDOM
Suncor Group	0.02	AUSTRALIA	Tokyo Seimitsu	<0.005	JAPAN	Voestalpine	<0.005	AUSTRIA
Sundrug Co Ltd	<0.005	JAPAN	Tokyo Tatemono	<0.005	JAPAN	Volkswagen	0.01	GERMANY
Suntec REIT	<0.005	SINGAPORE	Tokyu Corp	0.01	JAPAN	Volkswagen Ptd	0.03	GERMANY
Suntory Beverage & Food	0.01	JAPAN	Tokyu Fudosan Holdings	0.01	JAPAN	Volvo A	0.01	SWEDEN
Super Hi International Holding	<0.005	HONG KONG	Tomra Systems	<0.005	NORWAY	Volvo B	0.06	SWEDEN
Suzuken	<0.005	JAPAN	Toppan Holdings	0.01	JAPAN	Volvo Car Group	<0.005	SWEDEN
Suzuki Motor	0.03	JAPAN	Toray Industries	0.01	JAPAN	Vonovia SE	0.03	GERMANY
Svenska Handelsbk B	<0.005	SWEDEN	Toridoll Holdings	<0.005	JAPAN	Vopak Nv	<0.005	NETHERLANDS
Svenska Handelsbnk A	0.02	SWEDEN	Toronto-Dominion Com	0.14	CANADA	Voya Financial	0.01	USA
Svitzer Group	<0.005	DENMARK	Tosoh	0.01	JAPAN	VTech Holdings	<0.005	HONG KONG
Swatch Group AG BR	0.01	SWITZERLAND	TotalEnergies SE	0.2	FRANCE	Vulcan Materials	0.05	USA
Swatch Group AG Reg.	<0.005	SWITZERLAND	Toto	0.01	JAPAN	W. P. Carey Inc.	0.02	USA
Sweco Ab-B Shs	<0.005	SWEDEN	Tourmaline Oil	0.02	CANADA	Wabtec	0.04	USA
Swedbank AB Series A	0.03	SWEDEN	Tower Semiconductor Ltd	0.01	ISRAEL	Wacker Chemie	<0.005	GERMANY
Swedish Orphan Biovitrum AB	0.01	SWEDEN	Toyo Seikan Group Holdings	<0.005	JAPAN	Walgreens Boots Alliance	0.01	USA
Swire Pacific A	0.01	HONG KONG	Toyo Suisan Kaisha	0.01	JAPAN	Walmart	0.44	USA
Swire Pacific B	<0.005	HONG KONG	Toyo Tire	<0.005	JAPAN	Warehouses De Pauw	0.01	BELGIUM
Swire Properties	<0.005	HONG KONG	Toyota Gosei	<0.005	JAPAN	Warner Bros Discovery Inc	0.03	USA
Swiss Life	0.03	SWITZERLAND	Toyota Boshoku	<0.005	JAPAN	Wartsila B	0.01	FINLAND
Swiss Prime Site	0.01	SWITZERLAND	Toyota Industries	0.02	JAPAN	Washington H. Soul Pattinson	0.01	AUSTRALIA
Swiss Re	0.05	SWITZERLAND	Toyota Motor	0.36	JAPAN	Waste Connections Inc	0.07	CANADA
Swisscom	0.02	SWITZERLAND	Toyota Tsusho	0.02	JAPAN	Waste Mgmt Inc	0.13	USA
Syensqo	0.01	BELGIUM	TPG Telecom	<0.005	AUSTRALIA	Waters Corp	0.03	USA
Symrise AG	0.02	GERMANY	Tractor Supply	0.04	USA	WEC Energy Group	0.04	USA

Constituent	Index weight (%)	Country/Market
Weir Group	0.01	UNITED KINGDOM
Welcia Holdings	<0.005	JAPAN
Wells Fargo & Company	0.31	USA
Welltower Inc.	0.09	USA
wemade	<0.005	KOREA
Wendel	<0.005	FRANCE
Wesfarmers	0.07	AUSTRALIA
West Japan Railway	0.01	JAPAN
West Pharm Svcs	0.04	USA
Western Digital	0.04	USA
Westlake Corporation	0.01	USA
Weston (George)	0.01	CANADA
Westpac Banking Corp	0.09	AUSTRALIA
WestRock Company	0.02	USA
Weyerhaeuser	0.03	USA
WH Group	0.01	HONG KONG
Wharf Holdings	<0.005	HONG KONG
Wharf Real Estate Investment	0.01	HONG KONG
Wheaton Precious Metals	0.04	CANADA
Whitbread	0.01	UNITED KINGDOM
Whitehaven Coal	0.01	AUSTRALIA
Williams Cos	0.08	USA
Willis Towers Watson plc	0.04	USA
Wilmar International Limited	0.01	SINGAPORE
Wise	0.01	UNITED KINGDOM

Constituent	Index weight (%)	Country/Market
Wisetech Global	0.02	AUSTRALIA
Wolters Kluwer CVA	0.06	NETHERLANDS
Woodside Energy Group	0.05	AUSTRALIA
Woolworths Group	0.04	AUSTRALIA
Woori Financial Group	0.01	KOREA
Workday	0.07	USA
Workman	<0.005	JAPAN
Worldline	<0.005	FRANCE
WorleyParsons Ltd.	0.01	AUSTRALIA
WPP	0.01	UNITED KINGDOM
Wynn Macau Ltd.	<0.005	HONG KONG
Wynn Resorts	0.01	USA
XCEL Energy	0.04	USA
Xero	0.02	AUSTRALIA
Xinyi Glass Holding	<0.005	HONG KONG
Xylem Inc.	0.05	USA
Yakult Honsha	0.01	JAPAN
Yamada Holdings	<0.005	JAPAN
Yamaguchi Financial Group	<0.005	JAPAN
Yamaha	<0.005	JAPAN
Yamaha Motor	0.01	JAPAN
Yamato Holdings	<0.005	JAPAN
Yamato Kogyo	<0.005	JAPAN
Yamazaki Baking	<0.005	JAPAN
Yancoal Australia	<0.005	AUSTRALIA

Constituent	Index weight (%)	Country/Market
Yaoko Co Ltd	<0.005	JAPAN
Yara International	0.01	NORWAY
Yaskawa Electric	0.01	JAPAN
Yokogawa Electric	0.01	JAPAN
Yokohama Rubber	<0.005	JAPAN
Yue Yuen Industrial	<0.005	HONG KONG
Yuhan	<0.005	KOREA
Yum Brands	0.06	USA
Zalando SE	0.01	GERMANY
Zebra Technologies	0.02	USA
Zenkoku Hoshu	<0.005	JAPAN
Zensho Holdings	0.01	JAPAN
Zeon Corporation	<0.005	JAPAN
Zillow Group	<0.005	USA
Zillow Group CL C	0.01	USA
Zimmer Biomet Holdings	0.03	USA
Zoetis	0.12	USA
Zoom Video Communications	0.02	USA
ZOZO Inc	<0.005	JAPAN
Zscaler	0.03	USA
Zurich Insurance Group	0.11	SWITZERLAND



## Data Explanation

### Weights

Weights data is indicative, as values have been rounded up or down to two decimal points. Where very small values are concerned, which would display as 0.00 using this rounding method, these weights are shown as <0.005.

### Timing of data

Constituents & Weights are generally published in arrears and contain the data as at the most recent quarter-end. However, some spreadsheets are updated on a more frequent basis. Please refer to the data date shown.

© 2024 London Stock Exchange Group plc and its applicable group undertakings ("LSEG"). LSEG 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) FTSE Fixed Income Europe Limited ("FTSE FI Europe"), (5) FTSE Fixed Income LLC ("FTSE FI"), (6) FTSE (Beijing) Consulting Limited ("WOFEE") (7) Refinitiv Benchmark Services (UK) Limited ("RBSL"), (8) Refinitiv Limited ("RL") and (9) 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, WOFEE, RBSL, RL, and BR. "FTSE®", "Russell®", "FTSE Russell®", "FTSE4Good®", "ICB®", "Refinitiv", "Beyond Ratings®", "WMMR™", "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, WOFEE, 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.

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 [lseg.com/ftse-russell](https://lseg.com/ftse-russell)

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

#### Europe, Middle East & Africa

London: + 44 (0) 20 7866 1810

#### Americas

New York: +1 877 503 6437

#### Asia Pacific

Hong Kong: + 852 2164 3333

Tokyo: + 81 (3) 6441 1430