



FTSE Developed ex UK

19 February 2024

Indicative Index Weight Data as at Closing on 29 December 2023

Constituent	Index weight (%)	Country	Constituent	Index weight (%)	Country	Constituent	Index weight (%)	Country
3M Company	0.1	USA	Allegro	0.01	POLAND	Arthur J Gallagher	0.08	USA
A P Moller - Maersk A	0.01	DENMARK	Alifunds Group	<0.005	NETHERLANDS	As One	<0.005	JAPAN
A P Moller - Maersk B	0.01	DENMARK	Alliant Energy	0.02	USA	Asahi Group Holdings	0.03	JAPAN
a2 Milk	<0.005	NEW ZEALAND	Allianz SE	0.18	GERMANY	Asahi Intecc	0.01	JAPAN
A2A	0.01	ITALY	Allstate Corp	0.06	USA	Asahi Kasei Corporation	0.02	JAPAN
AAC Technologies Holdings	<0.005	HONG KONG	Ally Financial	0.02	USA	Asics Corp	0.01	JAPAN
Aalberts NV	0.01	NETHERLANDS	Alnylam Pharmaceuticals	0.04	USA	Askul	<0.005	JAPAN
ABB	0.11	SWITZERLAND	Alphabet Class A	1.41	USA	Asm Intl	0.04	NETHERLANDS
Abbott Laboratories	0.32	USA	Alphabet Class C	1.2	USA	ASML Holding	0.51	NETHERLANDS
AbbVie Inc	0.47	USA	Alps Alpine	<0.005	JAPAN	ASMPT	0.01	HONG KONG
ABC-Mart	<0.005	JAPAN	ALS	0.01	AUSTRALIA	ASR Nederland	0.01	NETHERLANDS
ABN AMRO Bank NV	0.01	NETHERLANDS	Alstom	0.01	FRANCE	Assa Abloy B	0.05	SWEDEN
Accenture CI A	0.38	USA	Alteogen	<0.005	KOREA	Astellas Pharmaceutical	0.04	JAPAN
Acciona Global Renewables	<0.005	SPAIN	Altium	0.01	AUSTRALIA	ASX	0.01	AUSTRALIA
Acciona S.A.	0.01	SPAIN	Altria Group	0.12	USA	AT&T	0.2	USA
Accor	0.01	FRANCE	Alumina	<0.005	AUSTRALIA	Atlas Arteria	0.01	AUSTRALIA
Ackermans & Van Haaren	0.01	BELGIUM	Amada	0.01	JAPAN	Atlas Copco A	0.07	SWEDEN
Acom	<0.005	JAPAN	Amadeus IT Group SA	0.05	SPAIN	Atlas Copco B	0.04	SWEDEN
ACS Actividades Cons y Serv	0.02	SPAIN	Amano Corp	<0.005	JAPAN	Atlassian	0.06	USA
Activia Properties	<0.005	JAPAN	Amazon.Com	2.33	USA	Atmos Energy	0.03	USA
ADBRI	<0.005	AUSTRALIA	Amcor CDI	0.02	AUSTRALIA	Auckland International Airport	0.01	NEW ZEALAND
Adecco Group AG	0.01	SWITZERLAND	Amdocs	0.02	USA	Aurizon Holdings	0.01	AUSTRALIA
Adevinta	0.01	NORWAY	Ameren Corp	0.03	USA	Autodesk	0.09	USA
Adidas	0.06	GERMANY	American Airlines Group	<0.005	USA	Autoliv	0.01	USA
Adobe	0.47	USA	American Elec Power Com	0.07	USA	Automatic Data Process	0.16	USA
Advance Residence Investment	0.01	JAPAN	American Express Com	0.19	USA	AutoStore Holdings	<0.005	NORWAY
Advanced Micro Dev	0.4	USA	American Intl Group	0.08	USA	Autozone	0.08	USA
Advantest Corp	0.04	JAPAN	Ameron Tower Corp	0.17	USA	Avalonbay Communities	0.05	USA
Adyen	0.06	NETHERLANDS	American Water Works Company	0.04	USA	Avangrid	<0.005	USA
Aegon	0.02	NETHERLANDS	Ameriprise Financial	0.07	USA	Avantor	0.03	USA
Aena SME SA	0.02	SPAIN	Ametek Inc	0.06	USA	Avery Dennison Corp	0.03	USA
Aeon	0.03	JAPAN	Amgen Corp	0.26	USA	Avolta	0.01	SWITZERLAND
AEON Financial Service	<0.005	JAPAN	AmoreG	<0.005	KOREA	AXA	0.1	FRANCE
Aeon Mall	<0.005	JAPAN	Amorepacific Corp	0.01	KOREA	Axfood	<0.005	SWEDEN
AEON REIT Investment	<0.005	JAPAN	Amorepacific Pfd.	<0.005	KOREA	Azbil Corp.	0.01	JAPAN
Aeroports de Paris	0.01	FRANCE	Amot Investments Ltd.	<0.005	ISRAEL	AZ-COM MARUWA Holdings	<0.005	JAPAN
AES Corp.	0.02	USA	AMP	<0.005	AUSTRALIA	Azrieli Group	<0.005	ISRAEL
Aflac	0.08	USA	Amphenol Corp A	0.1	USA	Bachem N	<0.005	SWITZERLAND
AGC	0.01	JAPAN	Amplifon	0.01	ITALY	Baker Hughes Company	0.06	USA
Ageas	0.01	BELGIUM	Ampol	0.01	AUSTRALIA	Ball Corp	0.03	USA
Agilent Technologies	0.07	USA	Amundi	0.01	FRANCE	Baloise	0.01	SWITZERLAND
AGL Energy	0.01	AUSTRALIA	Amvis Holdings	<0.005	JAPAN	Banca Mediolanum	<0.005	ITALY
Agnico Eagle Mines	0.04	CANADA	ANA Holdings	0.01	JAPAN	Banco Bilbao Vizcaya Argentaria	0.09	SPAIN
Ahold Delhaize	0.05	NETHERLANDS	Analog Devices	0.17	USA	Banco BPM	0.01	ITALY
AIA Group Ltd.	0.17	HONG KONG	Andritz	0.01	AUSTRIA	Banco De Sabadell	0.01	SPAIN
AIB Group	0.01	IRELAND	Anheuser-Busch InBev	0.1	BELGIUM	Banco Santander	0.11	SPAIN
Aica Kogyo	<0.005	JAPAN	Annaly Capital Management	0.02	USA	Bandai Namco Holdings	0.02	JAPAN
AIN Holdings	<0.005	JAPAN	Anritsu	<0.005	JAPAN	Bank Hapoalim	0.02	ISRAEL
Air Liquide	0.17	FRANCE	Ansell	<0.005	AUSTRALIA	Bank Leumi	0.02	ISRAEL
Air New Zealand	<0.005	NEW ZEALAND	ANSYS Inc	0.05	USA	Bank of America	0.4	USA
Air Products & Chemicals Inc	0.1	USA	ANZ Group Holdings	0.09	AUSTRALIA	Bank of East Asia	<0.005	HONG KONG
Air Water	<0.005	JAPAN	Aon plc	0.1	USA	Bank Of Ireland Group	0.02	IRELAND
Airbnb	0.09	USA	Aozora Bank	<0.005	JAPAN	Bank of Montreal	0.12	CANADA
Airbus	0.15	FRANCE	APA Corporation	0.02	USA	Bank of New York Mellon	0.07	USA
Airport City Ltd	<0.005	ISRAEL	APA Group	0.01	AUSTRALIA	Bank of Nova Scotia	0.1	CANADA
Aisin	0.01	JAPAN	Apollo Global Management Inc	0.08	USA	Bank of Queensland Ltd.	<0.005	AUSTRALIA
Ajinomoto Co	0.03	JAPAN	Apple Inc.	4.83	USA	Bank Pekao	0.01	POLAND
Akamai Technologies	0.03	USA	Applied Materials	0.23	USA	Bankinter	0.01	SPAIN
Aker	<0.005	NORWAY	Aptiv PLC	0.04	USA	Barrick Gold	0.05	CANADA
Aker BP ASA	0.02	NORWAY	Aramark	0.01	USA	Barry Callebaut	0.01	SWITZERLAND
Akzo Nobel	0.02	NETHERLANDS	Arcadium Lithium plc CDI	0.01	AUSTRALIA	BASF	0.08	GERMANY
Albemarle	0.03	USA	Arcelor Mittal	0.02	NETHERLANDS	Bath & Body Works Inc	0.02	USA
Alcon AG	0.07	SWITZERLAND	Arch Capital Gp	0.05	USA	Baxter Intl	0.03	USA
Ald SA	<0.005	FRANCE	Archer Daniels Midland	0.07	USA	Baycurrent Consulting	0.01	JAPAN
Alexandria Real Estate Equity	0.04	USA	Argenx S.E	0.04	BELGIUM	Bayer AG	0.06	GERMANY
Alfa Laval	0.02	SWEDEN	Ariake Japan	<0.005	JAPAN	BC Vaud N	0.01	SWITZERLAND
Alfresa Holdings	<0.005	JAPAN	Arista Networks	0.1	USA	BCE Inc	0.02	CANADA
Align Technology Inc	0.04	USA	Aristocrat Leisure	0.03	AUSTRALIA	BE Semiconductor Industries	0.02	NETHERLANDS
Alimentation Couche Tard Inc	0.07	CANADA	Arkema	0.01	FRANCE	Beach Energy	<0.005	AUSTRALIA
Allegion PLC	0.02	USA	Arrow Electronics	0.01	USA	Bechtle	0.01	GERMANY

Constituent	Index weight (%)	Country	Constituent	Index weight (%)	Country	Constituent	Index weight (%)	Country
Becton Dickinson	0.12	USA	Cellnex Telecom SAU	0.04	SPAIN	CSX Corp	0.12	USA
Beiersdorf	0.03	GERMANY	Celltrion Inc	0.04	KOREA	CTP NV	<0.005	NETHERLANDS
Beijer Ref AB	0.01	SWEDEN	Celltrion Pharm	<0.005	KOREA	Cts Eventim	0.01	GERMANY
Belimo Holding N	0.01	SWITZERLAND	Cencora Inc	0.06	USA	Cummins	0.06	USA
Bendigo and Adelaide Bank	0.01	AUSTRALIA	Cenovus Energy	0.04	CANADA	CVS Health Corporation	0.17	USA
Benefit One	<0.005	JAPAN	Centene Corp	0.07	USA	CyberAgent	<0.005	JAPAN
Benesse Holdings	<0.005	JAPAN	CenterPoint Energy	0.03	USA	D.R. Horton Inc	0.08	USA
Berkley W R	0.02	USA	Central Japan Railway	0.04	JAPAN	Daewoo Engineering & Construction	<0.005	KOREA
Berkshire Hathaway B	0.79	USA	Ceridian HCM Holding	0.02	USA	Dah Sing	<0.005	HONG KONG
Berkshire Hathaway -CL A	0.32	USA	CF Industries Holdings	0.03	USA	Dah Sing Banking Group	<0.005	HONG KONG
Best Buy Company	0.03	USA	CGI	0.04	CANADA	Dai Nippon Printing	0.01	JAPAN
Bezeq	<0.005	ISRAEL	Challenger	<0.005	AUSTRALIA	Daicel	<0.005	JAPAN
BGF Retail	<0.005	KOREA	Champion REIT	<0.005	HONG KONG	Daido Steel Co	<0.005	JAPAN
BHP Group	0.3	AUSTRALIA	Charles River Laboratories	0.02	USA	Daifuku	0.01	JAPAN
Bic Camera	<0.005	JAPAN	Charter Communications Inc. CI A	0.07	USA	Dai-ichi Life Holdings	0.03	JAPAN
Big Shopping Centers (2004)	<0.005	ISRAEL	Charter Hall Group	0.01	AUSTRALIA	Daiichi Sankyo	0.09	JAPAN
BILL Holdings Inc	0.01	USA	Check Point Software	0.02	USA	Daiichikosho	<0.005	JAPAN
Biogen	0.06	USA	Cheil Worldwide	<0.005	KOREA	Daikin Industries	0.07	JAPAN
BioMarin Pharm	0.03	USA	Cheniere Energy	0.07	USA	Daimler Truck	0.03	GERMANY
Biomerieux	0.01	FRANCE	Chevron	0.44	USA	Daio Paper Corp	<0.005	JAPAN
Bio-Rad Labs A	0.01	USA	Chiba Bank	0.01	JAPAN	Daito Trust Constuction	0.01	JAPAN
Bio-Techne	0.02	USA	China Travel International Investment	<0.005	HONG KONG	Daiwa House Industry	0.03	JAPAN
Biprog	<0.005	JAPAN	Hong Kong			Daiwa House REIT Investment	0.01	JAPAN
BKW AG	0.01	SWITZERLAND	Chipotle Mexican Grill	0.11	USA	Daiwa Office Investment	<0.005	JAPAN
Blackrock Inc	0.21	USA	Chow Tai Fook Jewellery Group	<0.005	HONG KONG	Daiwa Securities Group	0.02	JAPAN
Blackstone Inc	0.16	USA	Chr. Hansen Holding A/S	0.01	DENMARK	Daiwa Securities Living Investment	<0.005	JAPAN
Block Inc (A)	0.07	USA	Chubb Ltd	0.16	USA	Danaher Corp	0.26	USA
Bluescope Steel	0.01	AUSTRALIA	Chubu Elec Power	0.02	JAPAN	Danone	0.07	FRANCE
BMW	0.06	GERMANY	Chugai Seiyaku	0.04	JAPAN	Danske Bank A/S	0.03	DENMARK
BMW AG Pref	0.01	GERMANY	Chugin Financial Group	<0.005	JAPAN	Darden Restaurants	0.03	USA
BNK Financial Group	<0.005	KOREA	Chugoku Electric Power	<0.005	JAPAN	Dassault Aviation S.A.	0.01	FRANCE
BNP Paribas	0.12	FRANCE	Church & Dwight	0.04	USA	Dassault Systemes	0.06	FRANCE
BOC Aviation	<0.005	HONG KONG	Cincinnati Fin Cp	0.03	USA	Datadog	0.06	USA
BOC Hong Kong (Holdings)	0.02	HONG KONG	Cintas Corp	0.09	USA	DaVita	0.01	USA
Boeing	0.25	USA	Cisco Systems	0.35	USA	DB Insurance	<0.005	KOREA
Boliden	0.01	SWEDEN	Citigroup	0.17	USA	DBS Group Holdings	0.08	SINGAPORE
Bolloré	0.01	FRANCE	Citizens Financial Group	0.03	USA	Deere & Co	0.18	USA
Booking Holdings	0.22	USA	City Developments	<0.005	SINGAPORE	Delek PORE	<0.005	ISRAEL
Boral	<0.005	AUSTRALIA	CJ CheilJedang	<0.005	KOREA	Delivery Hero SE	0.01	GERMANY
BorgWarner	0.01	USA	CJ CheilJedang Ptd.	<0.005	KOREA	Delta Air Lines	0.01	USA
Boston Properties	0.02	USA	CJ Corp	<0.005	KOREA	Demant	0.01	DENMARK
Boston Scientific Corp	0.14	USA	CJ ENM	<0.005	KOREA	DeNA	<0.005	JAPAN
Bouygues	0.01	FRANCE	CJ Logistics	<0.005	KOREA	Denka	<0.005	JAPAN
Brambles	0.02	AUSTRALIA	CK Asset Holdings	0.02	HONG KONG	Denso Corporation	0.05	JAPAN
Brenntag SE	0.02	GERMANY	CK Hutchison Holdings	0.02	HONG KONG	DENTSPLY SIRONA	0.01	USA
Bridgestone Corp	0.04	JAPAN	CK Infrastructure Holdings	0.01	HONG KONG	Dentsu Group	0.01	JAPAN
Bristol Myers Squibb	0.18	USA	Clariant	0.01	SWITZERLAND	Descote	<0.005	JAPAN
Broadcom	0.82	USA	Cleanaway Waste Management	0.01	AUSTRALIA	Deterra Royalties	<0.005	AUSTRALIA
Broadridge Financial Solutions	0.04	USA	Clorox	0.03	USA	Deutsche Bank	0.05	GERMANY
Brookfield Asset Management Ltd TSX	0.02	CANADA	Cloudflare	0.04	USA	Deutsche Boerse	0.06	GERMANY
Brookfield Corporation	0.1	CANADA	CLP Holdings	0.02	HONG KONG	Deutsche Lufthansa AG	0.01	GERMANY
Brother Industries	0.01	JAPAN	CME Group	0.13	USA	Deutsche Telekom	0.14	GERMANY
Brown & Brown	0.03	USA	CMS Energy Corp	0.03	USA	Deutsche Wohnen SE	<0.005	GERMANY
Brown-Forman B	0.02	USA	CNA Financial Corp	<0.005	USA	Devon Energy	0.05	USA
Budweiser Brewing Company APAC	0.01	HONG KONG	CNH Industrial N.V.	0.02	USA	DexCom	0.08	USA
Builders FirstSource Inc.	0.03	USA	Coca Cola Europacific Partners plc	0.02	USA	Dexus Property Group	0.01	AUSTRALIA
Bunge Global SA	0.02	USA	Coca-Cola	0.39	USA	DFI Retail Group Holdings	<0.005	HONG KONG
Bureau Veritas S.A.	0.01	FRANCE	Coca-Cola Bottlers Japan	<0.005	JAPAN	DGB Financial Group	<0.005	KOREA
Burlington Stores	0.02	USA	Cochlear	0.02	AUSTRALIA	DHL Group	0.08	GERMANY
Buzzi	<0.005	ITALY	Cognizant Tech Solutions	0.07	USA	Diamondback Energy	0.05	USA
C.H. Robinson Worldwide	0.02	USA	Coles Group	0.02	AUSTRALIA	DiaSorin	<0.005	ITALY
Cadence Design Systems	0.13	USA	Colgate-Palmolive	0.11	USA	DIC	<0.005	JAPAN
Caesars Entertainment Inc	0.02	USA	Coloplast B	0.02	DENMARK	D'IETTEREN GROUP	0.01	BELGIUM
Cafe De Coral Holdings	<0.005	HONG KONG	Comcast A	0.3	USA	Digital Realty Trust	0.07	USA
CaixaBank	0.03	SPAIN	ComfortDelGro	<0.005	SINGAPORE	Dino Polska SA	0.01	POLAND
Calbee	<0.005	JAPAN	Commerzbank	0.02	GERMANY	Disco	0.04	JAPAN
Campari	0.01	ITALY	Commonwealth Bank of Australia	0.22	AUSTRALIA	Discover Financial Services	0.05	USA
Campbell Soup	0.01	USA	Compagnie Financiere Richemont SA	0.12	SWITZERLAND	Disney (Walt) Company	0.28	USA
Canadian Imperial Bank of Commerce	0.07	CANADA	Computershare	0.02	AUSTRALIA	DKSH Holding	<0.005	SWITZERLAND
Canadian National Railway	0.13	CANADA	Cornsys Holdings	<0.005	JAPAN	DL	<0.005	KOREA
Canadian Natural Resources	0.12	CANADA	ConAgra Brands Inc	0.02	USA	DL E&C	<0.005	KOREA
Canadian Pacific Kansas City Limited	0.13	CANADA	Concordia Financial Group	0.01	JAPAN	DMG Mori Seiki	<0.005	JAPAN
Canadian Tire Corp A	0.01	CANADA	ConocoPhillips	0.24	USA	DNB Bank ASA	0.04	NORWAY
Canon	0.04	JAPAN	Cons Edison Holding	0.05	USA	Docusign	0.02	USA
Canon Marketing Japan	<0.005	JAPAN	Constellation Brands A	0.07	USA	Dollar General	0.05	USA
Capcom Co Ltd	0.01	JAPAN	Constellation Energy	0.06	USA	Dollar Tree	0.05	USA
Capgemini SE	0.06	FRANCE	Constellation Software	0.08	CANADA	Dollarama Inc	0.03	CANADA
Capital One Financial	0.08	USA	Contact Energy	0.01	NEW ZEALAND	Domain Holdings Australia	<0.005	AUSTRALIA
CapitalLand Ascendas REIT	0.01	SINGAPORE	Continental	0.02	GERMANY	Dominion Energy	0.07	USA
CapitalLand Ascott Trust	<0.005	SINGAPORE	Cooper Cos Inc	0.03	USA	Dominos Pizza	0.02	USA
CapitalLand Integrated Commercial Trust	0.01	SINGAPORE	Copart Inc	0.07	USA	Domino's Pizza Enterprises	<0.005	AUSTRALIA
CapitalLand Investment	0.01	SINGAPORE	Corning	0.04	USA	Dongsuh Co Inc	<0.005	KOREA
CAR Group	0.01	AUSTRALIA	Corvea	0.06	USA	DoorDash	0.05	USA
Cardinal Health	0.04	USA	Cosmo Energy Holdings	0.01	JAPAN	Doosan Bobcat	<0.005	KOREA
Carl Zeiss Meditec	0.01	GERMANY	CosmoAM&T	<0.005	KOREA	Doosan Enerbility	0.01	KOREA
Carlsberg (B)	0.02	DENMARK	Cosmos Pharmaceutical	<0.005	JAPAN	Dover Corp	0.04	USA
Carlyle Group Inc	0.01	USA	CoStar Group	0.06	USA	Dow Inc	0.07	USA
Carmax Inc	0.02	USA	Costco Wholesale Corp	0.5	USA	Dowa Holdings	<0.005	JAPAN
Carnival Corp A	0.03	USA	Coterra Energy Inc	0.03	USA	Downer Group	<0.005	AUSTRALIA
Carrefour	0.02	FRANCE	Coupang	0.03	USA	DSM Firmenich	0.03	NETHERLANDS
Carrier Global	0.08	USA	Covestro AG	0.02	GERMANY	DSV	0.05	DENMARK
Casio Computer Co	<0.005	JAPAN	Covivio	<0.005	FRANCE	DTE Energy	0.04	USA
Castellum	0.01	SWEDEN	Coway	<0.005	KOREA	Duke Energy Corp	0.13	USA
Catalent	0.01	USA	Credicorp	0.02	USA	DuPont de Nemours	0.06	USA
Caterpillar	0.26	USA	Credit Agricole	0.03	FRANCE	DWS Group	<0.005	GERMANY
Cathay Pacific Airways	<0.005	HONG KONG	Credit Saison	0.01	JAPAN	E.ON	0.05	GERMANY
Cboe Global Markets	0.03	USA	CrowdStrike Holdings	0.09	USA	East Japan Railway	0.04	JAPAN
CBRE Group	0.05	USA	Crown Castle Inc	0.08	USA	Eastman Chemical	0.02	USA
CDW	0.05	USA	CSL	0.16	AUSTRALIA	Eaton Corp PLC	0.16	USA
Celanese	0.03	USA	CSR	<0.005	AUSTRALIA	Ebara	0.01	JAPAN

Constituent	Index weight (%)	Country
Ebay	0.04	USA
Ebos Group	0.01	NEW ZEALAND
Ecolab	0.08	USA
Ecopro	0.02	KOREA
Ecopro Bm	0.02	KOREA
Edenred	0.03	FRANCE
Edison International	0.05	USA
EDP	0.03	PORTUGAL
EDP Renovaveis	0.01	PORTUGAL
Edwards Lifesciences	0.08	USA
Eiffage	0.01	FRANCE
Eisai	0.02	JAPAN
Elbit Systems	0.01	ISRAEL
Electra (Israel) Ltd	<0.005	ISRAEL
Electric Power Development	<0.005	JAPAN
Electrolux Ser B	<0.005	SWEDEN
Electronic Arts	0.06	USA
Elevance Health Inc	0.19	USA
Elia Group	0.01	BELGIUM
Elisa	0.01	FINLAND
E-Mart	<0.005	KOREA
Emerson Electric	0.09	USA
Emmi	<0.005	SWITZERLAND
Ems Chemie I	0.01	SWITZERLAND
Enagas	0.01	SPAIN
Enbridge	0.13	CANADA
Endeavour Group	0.01	AUSTRALIA
Endesa	0.01	SPAIN
Enel	0.1	ITALY
Eneos Holdings	0.02	JAPAN
Enxig Renewable Energies	<0.005	ISRAEL
Engie	0.05	FRANCE
Eni	0.06	ITALY
Enlight Renewable Energy Ltd	<0.005	ISRAEL
Enphase Energy Inc	0.03	USA
Entergy Corp	0.04	USA
EOG Resources	0.12	USA
Epm Systems	0.03	USA
Epiroc A	0.02	SWEDEN
Epiroc B	0.01	SWEDEN
EQT AB	0.02	SWEDEN
Equifax	0.05	USA
Equinix Inc	0.13	USA
Equinor ASA	0.05	NORWAY
Equitable Holdings	0.02	USA
Equity Lifestyle Properties	0.02	USA
Equity Residential	0.04	USA
Erste Group Bank	0.02	AUSTRIA
ESR Cayman	0.01	HONG KONG
Essex Prop Trust	0.03	USA
EssilorLuxottica	0.1	FRANCE
Essity Aktiebolag B	0.03	SWEDEN
Etsy	0.02	USA
Eurazeo	0.01	FRANCE
Eurofins Scienti	0.01	FRANCE
Euronext	0.01	FRANCE
EuroTeleSites	<0.005	AUSTRIA
Everest Group Ltd	0.03	USA
Evergy	0.02	USA
Eversource Energy	0.04	USA
Evolution AB	0.04	SWEDEN
Evolution Mining	0.01	AUSTRALIA
Evonik Industries AG	0.01	GERMANY
Exact Sciences	0.02	USA
Exelon Corporation	0.06	USA
EXEO Group	<0.005	JAPAN
Exor NV	0.02	NETHERLANDS
Expedia Group	0.04	USA
Expeditors Intl Washington	0.03	USA
Extra Space Storage	0.06	USA
Exxon Mobil Corporation	0.69	USA
Ezaki Glico	<0.005	JAPAN
F&F	<0.005	KOREA
F5 Inc	0.02	USA
Factset Research Systems	0.03	USA
Fair Isaac	0.05	USA
Fairfax Financial Holdings	0.03	CANADA
Fancl Corp	<0.005	JAPAN
Fanuc	0.05	JAPAN
Fast Retailing	0.07	JAPAN
Fastenal Co	0.06	USA
Fastighets AB Balder B	0.01	SWEDEN
Fattal 1998 Holdings Ltd	<0.005	ISRAEL
Federal Realty Invs	0.01	USA
Fedex Corporation	0.1	USA
Ferrari NV	0.07	ITALY
Ferrovial	0.03	SPAIN
Fidelity Natl Information Services	0.06	USA
Fielmann Group AG	<0.005	GERMANY
Fifth Third Bancorp	0.04	USA
Fila Korea	<0.005	KOREA
FincoBank	0.02	ITALY
First Citizens BancSh A	0.03	USA
First Intl Bank of Israel (5)	<0.005	ISRAEL
First Pacific	<0.005	HONG KONG
First Solar Inc	0.03	USA
Firstenergy Corp.	0.03	USA
Fischer (Georg)	0.01	SWITZERLAND
Fiserv Inc	0.14	USA
Fisher & Paykel Healthcare	0.01	NEW ZEALAND

Constituent	Index weight (%)	Country
Fleetcor Technologies	0.03	USA
Fletcher Building	<0.005	NEW ZEALAND
Flex	0.02	USA
Flight Centre Travel Group	<0.005	AUSTRALIA
Flughafen Zürich	0.01	SWITZERLAND
FMC Corp	0.01	USA
FNF Group	0.02	USA
Food & Life	<0.005	JAPAN
Ford Motor Company	0.08	USA
Fortescue	0.05	AUSTRALIA
Fortinet	0.07	USA
Fortis Inc	0.03	CANADA
Fortive	0.04	USA
Fortum	0.01	FINLAND
Fortune Brands Innovations Inc	0.02	USA
Fox Corporation Class A	0.01	USA
Fox Corporation Class B	0.01	USA
FOXCONN INTERCONNECT TECHNOLOGY	<0.005	HONG KONG
FP Corporation	<0.005	JAPAN
Franco-Nevada	0.04	CANADA
Franklin Resources	0.01	USA
Fraport AG Frankfurt	<0.005	GERMANY
Fraser's Logistics & Commercial Trust	<0.005	SINGAPORE
Freeport-McMoRan	0.1	USA
Fresenius Medical Care	0.01	GERMANY
Fresenius SE & Co KGaA	0.02	GERMANY
Frontier Real Estate Investment	<0.005	JAPAN
FUCHS SE	<0.005	GERMANY
FUCHS SE (PREF B)	0.01	GERMANY
Fuji Electric	0.01	JAPAN
Fuji Kyuko	<0.005	JAPAN
Fuji Media Holdings	<0.005	JAPAN
Fuji Oil Holdings	<0.005	JAPAN
FUJIFILM Holdings	0.04	JAPAN
Fujikura	<0.005	JAPAN
Fujitsu	0.05	JAPAN
Fujitsu General	<0.005	JAPAN
Fukuoka Financial Group	0.01	JAPAN
Furukawa Electric	<0.005	JAPAN
Fuyo General Lease	<0.005	JAPAN
Galaxy Entertainment Group	0.02	HONG KONG
Galp Energia SGPS SA	0.01	PORTUGAL
Garmin Ltd	0.03	USA
Garther	0.06	USA
Gav-Yam Lands	<0.005	ISRAEL
GE HealthCare Technologies	0.05	USA
GEA Group AG	0.01	GERMANY
Gebert N	0.04	SWITZERLAND
Gecina	0.01	FRANCE
Gen Digital Inc	0.02	USA
Generac Holdings	0.01	USA
General Dynamics Corp	0.11	USA
General Electric	0.24	USA
General Mills	0.06	USA
General Motors	0.08	USA
Generali	0.04	ITALY
Genmab	0.04	DENMARK
Genting Singapore	0.01	SINGAPORE
Genuine Parts	0.03	USA
Gefinge B	0.01	SWEDEN
Getlink	0.01	FRANCE
Gilead Sciences	0.17	USA
Givaudan N	0.06	SWITZERLAND
Gjensidige Forsikring ASA	0.01	NORWAY
Glanbia	<0.005	IRELAND
Global Payments Inc	0.06	USA
GlobalFoundries	0.01	USA
Globe Life	0.02	USA
GLP J-REIT	0.01	JAPAN
GMO Internet Group	<0.005	JAPAN
GMO Payment Gateway	<0.005	JAPAN
GoDaddy	0.03	USA
Goldman Sachs Group	0.21	USA
Goldwin	<0.005	JAPAN
Goodman Group	0.05	AUSTRALIA
GPT Group	0.01	AUSTRALIA
Grainger (W W)	0.06	USA
Great-West Lifeco	0.02	CANADA
Green Cross	<0.005	KOREA
Grifols	0.01	SPAIN
Grifols S.A. CI B	0.01	SPAIN
Groupe Bruxelles Lambert	0.01	BELGIUM
GS Engineering & Construction	<0.005	KOREA
GS Holdings	<0.005	KOREA
GS Retail	<0.005	KOREA
GS Yuasa Corp	<0.005	JAPAN
GungHo Online Entertainment	<0.005	JAPAN
Guotai Junan International Holdings	<0.005	HONG KONG
H & M Hennes & Mauritz AB B	0.02	SWEDEN
H. Lundbeck A	<0.005	DENMARK
H. Lundbeck B	<0.005	DENMARK
Hachijuni Bank	<0.005	JAPAN
Haitong International Securities Group	<0.005	HONG KONG
Hakuhodo DY Holdings	<0.005	JAPAN
Halliburton	0.06	USA
Hamamatsu Photo	0.01	JAPAN
Hana Financial Group	0.02	KOREA
Hang Lung Group	<0.005	HONG KONG
Hang Lung Properties	<0.005	HONG KONG

Constituent	Index weight (%)	Country
Hang Seng Bank	0.01	HONG KONG
Hanjin KAL	<0.005	KOREA
Hankook Technology Group	<0.005	KOREA
Hankyu Hanshin Holdings	0.01	JAPAN
Hanmi Pharmaceutical	<0.005	KOREA
Hanmi Science	<0.005	KOREA
Hannover Rueck SE	0.02	GERMANY
Hanon Systems	<0.005	KOREA
Hanwha	<0.005	KOREA
Hanwha Aerospace	0.01	KOREA
Hanwha Life Insurance	<0.005	KOREA
Hanwha Ocean	<0.005	KOREA
Hanwha Ptd.	<0.005	KOREA
Hanwha Solutions	0.01	KOREA
Harel Investments & Finance	<0.005	ISRAEL
Harmonic Drive Systems	<0.005	JAPAN
Hartford Financial Services Group	0.04	USA
Harvey Norman Holdings	<0.005	AUSTRALIA
Hasbro	0.01	USA
Haseko	0.01	JAPAN
HCA Healthcare	0.09	USA
HD Hyundai Heavy Industries	<0.005	KOREA
HD Hyundai Infracore	<0.005	KOREA
HD Korea Shipbuilding & Offshore Engineering	0.01	KOREA
Healthpeak Properties Inc	0.02	USA
Heico CI A	0.02	USA
Heico Corp	0.01	USA
Heidelberg Materials AG	0.02	GERMANY
Heineken Holding	0.02	NETHERLANDS
Heineken NV	0.05	NETHERLANDS
Heiwa	<0.005	JAPAN
Hella	<0.005	GERMANY
HelloFresh SE	<0.005	GERMANY
Helvetia Holding AG	0.01	SWITZERLAND
Henderson Land Dev	0.01	HONG KONG
Henkel KG Pref	0.02	GERMANY
Henkel Kgaa ORD	0.01	GERMANY
Henry (Jack) & Associates	0.02	USA
Henry Schein	0.02	USA
Hera	<0.005	ITALY
Hermes International S.C.A.	0.12	FRANCE
Hershey Company	0.05	USA
Hess Corp.	0.07	USA
Hewlett Packard Enterprise	0.04	USA
Hexagon B	0.04	SWEDEN
Hikari Tsushin	0.01	JAPAN
Hilton Worldwide	0.08	USA
Hino Motors	<0.005	JAPAN
Hirogin Holdings	<0.005	JAPAN
Hirose Electric	0.01	JAPAN
Hisamitsu Pharmaceutical	<0.005	JAPAN
Hitachi	0.11	JAPAN
Hitachi Construction Machinery	<0.005	JAPAN
Hite Jinro	<0.005	KOREA
HL Mando	<0.005	KOREA
HLB	0.01	KOREA
Hochtief	<0.005	GERMANY
Holcim	0.07	SWITZERLAND
Holmen AB	0.01	SWEDEN
Hologic Inc	0.03	USA
Home Depot	0.59	USA
Honda Motor Co	0.09	JAPAN
Honeywell International Incorporation	0.24	USA
Hong Kong & China Gas	0.01	HONG KONG
Hong Kong Exchanges & Clearing	0.07	HONG KONG
Hongkong Land Holdings	0.01	HONG KONG
Horiba	0.01	JAPAN
Hormel Foods	0.02	USA
Hoshizaki	0.01	JAPAN
Host Hotels & Resorts	0.02	USA
Hotel Shilla	<0.005	KOREA
House Foods Group	<0.005	JAPAN
Howmet Aerospace Inc	0.03	USA
Hoya	0.07	JAPAN
HP	0.04	USA
Huabao International Holdings	<0.005	HONG KONG
Hubbell	0.03	USA
HubSpot	0.05	USA
Huic	0.01	JAPAN
Humana	0.1	USA
Hunt (JB) Transport Services	0.03	USA
Huntington Bancshares	0.03	USA
Huntington Ingalls Industries	0.02	USA
Husqvarna AB B	<0.005	SWEDEN
Hutchison Port Holdings Trust	<0.005	SINGAPORE
Hutchison Telecommunications Hong Kong Ltd	<0.005	HONG KONG
HUTCHMED (China)	<0.005	HONG KONG
HYBE	0.01	KOREA
Hydro One	0.02	CANADA
Hysan Development	<0.005	HONG KONG
Hyundai Department Store	<0.005	KOREA
Hyundai Engineering & Construction	<0.005	KOREA
Hyundai Glovis	<0.005	KOREA
Hyundai Heavy Industries Holdings	<0.005	KOREA
Hyundai Marine & Fire Insurance	<0.005	KOREA
Hyundai Merchant Marine	0.01	KOREA
Hyundai Mipo Dockyard	<0.005	KOREA
Hyundai Mobis	0.02	KOREA

Constituent	Index weight (%)	Country
Hyundai Motor	0.04	KOREA
Hyundai Motor 2nd Pfd.	0.01	KOREA
Hyundai Motor Pfd.	<0.005	KOREA
Hyundai Steel	<0.005	KOREA
Hyundai Wia	<0.005	KOREA
Iberdrola	0.13	SPAIN
Ibiden	0.01	JAPAN
ICL Group Ltd	0.01	ISRAEL
Icon PLC	0.04	USA
Idemitsu Kosan	0.01	JAPAN
IDEX Corp	0.03	USA
Idexx Labs	0.08	USA
IDP Education	0.01	AUSTRALIA
IGM Financial	<0.005	CANADA
IGO	0.01	AUSTRALIA
IHI	<0.005	JAPAN
Iida Group Holdings	<0.005	JAPAN
Illinois Tool Wks	0.13	USA
Illumina Inc	0.04	USA
Iluca Resources	<0.005	AUSTRALIA
IMCD NV	0.02	NETHERLANDS
Imperial Oil	0.02	CANADA
Incitec Pivot Ltd	0.01	AUSTRALIA
Inclyte	0.02	USA
Inditex	0.08	SPAIN
Industrial & Infrastructure Fund Investment	<0.005	JAPAN
Industrial Bank of Korea	<0.005	KOREA
Industrivarden AB C Free	0.01	SWEDEN
Industrivarden AB Ser A	0.01	SWEDEN
Indutrade AB	0.01	SWEDEN
Infinion Technologies AG	0.09	GERMANY
Information Services International	<0.005	JAPAN
Infratil	0.01	NEW ZEALAND
INFRAFRONIER Holdings	<0.005	JAPAN
ING Group CVA	0.09	NETHERLANDS
Ingersoll-Rand Inc	0.05	USA
INPEX CORPORATION	0.02	JAPAN
Inpost SA	<0.005	NETHERLANDS
Insignia Financial	<0.005	AUSTRALIA
Insulet Corp.	0.03	USA
Insurance Australia Group	0.02	AUSTRALIA
Intact Financial	0.05	CANADA
Intel Corp	0.36	USA
Intercontinental Exchange	0.12	USA
International Bus Machns.	0.25	USA
International Paper	0.02	USA
Internet Initiative Japan	<0.005	JAPAN
Interpublic Group Cos	0.02	USA
Interpump Group	0.01	ITALY
Intesa Sanpaolo	0.08	ITALY
Intl Flavours & Fragrances	0.04	USA
Intuit	0.29	USA
Intuitive Surgical	0.2	USA
Investor A	0.02	SWEDEN
Investor B Free	0.07	SWEDEN
Invincible Investment	<0.005	JAPAN
Invitation Homes	0.04	USA
Inwit	0.01	ITALY
Ipsen	0.01	FRANCE
IQVIA Holdings	0.07	USA
Iron Mountain	0.03	USA
Isetan Mitsukoshi Holdings	0.01	JAPAN
Israel Corporation	<0.005	ISRAEL
Israel Discount Bank	0.01	ISRAEL
Isuzu Motors	0.01	JAPAN
Italgas	<0.005	ITALY
Ito En	<0.005	JAPAN
Itochu Corp	0.09	JAPAN
Itoham Yonekyu Holdings	<0.005	JAPAN
Iwatani	<0.005	JAPAN
Iyogin Holdings	<0.005	JAPAN
Izumi Co Ltd	<0.005	JAPAN
J Front Retailing	<0.005	JAPAN
J M Smucker	0.02	USA
Jacobs Solutions Inc	0.03	USA
James Hardie Industries Plc	0.03	AUSTRALIA
Japan Airlines	<0.005	JAPAN
Japan Airport Terminal	0.01	JAPAN
Japan Aviation Electronics	<0.005	JAPAN
Japan Exchange Group	0.02	JAPAN
Japan Hotel REIT Investment	<0.005	JAPAN
Japan Logistics Fund	<0.005	JAPAN
Japan Metropolitan Fund Investment	0.01	JAPAN
Japan Post Bank	0.03	JAPAN
Japan Post Holdings	0.03	JAPAN
Japan Post Insurance	0.01	JAPAN
Japan Prime Realty Investment	<0.005	JAPAN
Japan Real Estate Investment Corporation	0.01	JAPAN
Japan Steel Works	<0.005	JAPAN
Japan Tobacco	0.05	JAPAN
Jardine Cycle & Carriage	<0.005	SINGAPORE
Jardine Matheson Holdings	0.01	HONG KONG
Jazz Pharmaceuticals	0.01	USA
JB Hi-Fi	0.01	AUSTRALIA
JC Decaux	<0.005	FRANCE
JCR Pharmaceuticals	<0.005	JAPAN
JDE Peets	0.01	NETHERLANDS
Jeol	<0.005	JAPAN

Constituent	Index weight (%)	Country
Jeronimo Martins	0.01	PORTUGAL
JFE Holdings	0.02	JAPAN
JGC Corp	<0.005	JAPAN
JMDC	<0.005	JAPAN
Johnson & Johnson	0.64	USA
Johnson Controls International PLC	0.07	USA
Johnson Electric	<0.005	HONG KONG
JPMorgan Chase & Co	0.84	USA
JSR Corp	0.01	JAPAN
JTEKT	<0.005	JAPAN
Julius Baer Group	0.02	SWITZERLAND
Juniper Networks	0.02	USA
Justsystems	<0.005	JAPAN
Kadokawa	<0.005	JAPAN
Kagome	<0.005	JAPAN
Kajima Corp	0.01	JAPAN
Kakaku.com Inc.	<0.005	JAPAN
Kakao	0.02	KOREA
Kakao Games	<0.005	KOREA
Kakao Pay	<0.005	KOREA
KakaoBank	0.01	KOREA
Kanigumi	<0.005	JAPAN
Kandenko	<0.005	JAPAN
Kaneka Corp	<0.005	JAPAN
Kangwon Land	<0.005	KOREA
Kansai Elec Power	0.02	JAPAN
Kansai Paint	0.01	JAPAN
Kao	0.03	JAPAN
Katitas	<0.005	JAPAN
Kawasaki Heavy Industries	0.01	JAPAN
Kawasaki Kisen Kaisha Ltd	0.02	JAPAN
KB Financial Group	0.03	KOREA
KBC Group	0.03	BELGIUM
KCC Corp	<0.005	KOREA
KDDI Corp	0.08	JAPAN
KDX Realty Investment	0.01	JAPAN
Keihan Holdings	<0.005	JAPAN
Keiikyuu Corporation	<0.005	JAPAN
Keio Corp	0.01	JAPAN
Keisei Electric Railway	0.01	JAPAN
Kellanova	0.02	USA
Kepeco	0.01	KOREA
KEPCO Plant Service & Engineer	<0.005	KOREA
Keppel Corporation	0.01	SINGAPORE
Keppel DC REIT	<0.005	SINGAPORE
Keppel REIT	<0.005	SINGAPORE
Kering	0.05	FRANCE
Kerry Group 'A'	0.02	IRELAND
Kerry Logistics Network	<0.005	HONG KONG
Kerry Properties	<0.005	HONG KONG
Kesko B	0.01	FINLAND
Keurig Dr Pepper	0.05	USA
KEWPIE Corporation	<0.005	JAPAN
Keycorp	0.02	USA
Keyence Corp	0.15	JAPAN
Keysight Technologies	0.05	USA
KGHM Polska Miedz	0.01	POLAND
KIA Motors	0.03	KOREA
Kikkoman	0.02	JAPAN
Kimberly-Clark	0.07	USA
Kimco Realty Cp	0.02	USA
Kinden	<0.005	JAPAN
Kindler Morgan	0.06	USA
Kingspan Group	0.02	IRELAND
Kinnevik AB	<0.005	SWEDEN
Kintetsu	0.01	JAPAN
KION GROUP AG	0.01	GERMANY
Kirin Holdings Co. Ltd.	0.02	JAPAN
Kiwi Property Group	<0.005	NEW ZEALAND
KKR & Co Inc	0.09	USA
KLA Corporation	0.14	USA
Klepierre	0.01	FRANCE
Knorr-Bremse	0.01	GERMANY
Kobayashi Pharmaceutical	<0.005	JAPAN
Kobe Bussan	0.01	JAPAN
Kobe Steel	0.01	JAPAN
Koei Tecmo Holdings	<0.005	JAPAN
Koito Manufacturing	0.01	JAPAN
Kokuyo	<0.005	JAPAN
Komatsu	0.04	JAPAN
Konami Group	0.01	JAPAN
Kone B	0.03	FINLAND
Kongsberg Gruppen	0.01	NORWAY
Konica Minolta	<0.005	JAPAN
Koninklijke Philips	0.03	NETHERLANDS
Korea Aerospace Industries	<0.005	KOREA
Korea Gas	<0.005	KOREA
Korea Investment Hol	<0.005	KOREA
Korea Zinc	0.01	KOREA
Korean Air Lines	0.01	KOREA
Kose	<0.005	JAPAN
Kotobuki Spirits	<0.005	JAPAN
Kraft Heinz	0.05	USA
Krafton	0.01	KOREA
Kroger	0.05	USA
K's Holdings	<0.005	JAPAN
KT&G	0.01	KOREA
Kubota	0.03	JAPAN
Kuehne & Nagel International	0.03	SWITZERLAND
Kumho Petro Chemical	<0.005	KOREA

Constituent	Index weight (%)	Country
Kuraray	0.01	JAPAN
Kurita Water Inds	0.01	JAPAN
Kusuri No Aoki Holdings	<0.005	JAPAN
Kyocera Corp	0.03	JAPAN
Kyoto Financial Group	0.01	JAPAN
Kyowa Kirin	0.01	JAPAN
Kyudenko Corp	<0.005	JAPAN
Kyushu Elec Power	0.01	JAPAN
Kyushu Financial Group	<0.005	JAPAN
Kyushu Railway	0.01	JAPAN
L&F	0.01	KOREA
L3Harris Technologies	0.07	USA
La Francaise des Jeux SA	0.01	FRANCE
Laboratory Corp of America	0.03	USA
Lam Research	0.18	USA
Lamb Weston Holdings	0.03	USA
Las Vegas Sands	0.03	USA
LaSalle Logiport REIT	<0.005	JAPAN
Lasertec	0.03	JAPAN
Lator Investment B	0.01	SWEDEN
Lauder (Estee)	0.06	USA
Lawson	<0.005	JAPAN
Lear Corp	0.01	USA
LEG Immobilien AG	0.01	GERMANY
Legrand	0.05	FRANCE
Leidos Holdings	0.03	USA
Lend Lease Group	0.01	AUSTRALIA
Lennar Class A	0.06	USA
Lennar Corp. CI B	<0.005	USA
Lenovo Group	0.02	HONG KONG
Leonardo	0.01	ITALY
LG Chem Pfd.	<0.005	KOREA
LG Chemical	0.03	KOREA
LG Corp	0.01	KOREA
LG Display	<0.005	KOREA
LG Electronics	0.01	KOREA
LG Electronics Pfd.	<0.005	KOREA
LG Energy Solution	0.02	KOREA
LG H&H	<0.005	KOREA
LG H&H Pfd.	<0.005	KOREA
LG Innotek	<0.005	KOREA
LG Uplus	<0.005	KOREA
Liberty Broadband Series A	<0.005	USA
Liberty Broadband Series C	0.02	USA
Liberty Formula One Series A	<0.005	USA
Liberty Formula One Series C	0.02	USA
Liberty Global Ltd	0.01	USA
Liberty Global Ltd	0.01	USA
LIBERTY SIRIUSXM SERIES A	<0.005	USA
LIBERTY SIRIUSXM SERIES C	0.01	USA
Lifco AB	0.01	SWEDEN
Lilly (Eli) & Co	0.84	USA
Linde plc	0.34	USA
Lindt & Spruengli - PC	0.02	SWITZERLAND
Lindt & Spruengli - Reg	0.02	SWITZERLAND
Link Real Estate Investment Trust	0.02	HONG KONG
Lion Corp	<0.005	JAPAN
Liontown Resources	<0.005	AUSTRALIA
Live Nation Entertainment	0.02	USA
LIXIL	0.01	JAPAN
LKQ	0.02	USA
Loblaw Companies	0.02	CANADA
L'Occitane International S.A.	<0.005	HONG KONG
Lockheed Martin Corp	0.17	USA
Loew's	0.02	USA
Logitech	0.03	SWITZERLAND
Lonza Grp Ag N	0.05	SWITZERLAND
L'Oreal	0.2	FRANCE
Lotte Chemical	<0.005	KOREA
Lotte Chilsung Beverage	<0.005	KOREA
Lotte Energy Materials	<0.005	KOREA
LOTTE Fine Chemical	<0.005	KOREA
Lotte Holdings	<0.005	KOREA
Lotte Shopping	<0.005	KOREA
Lotus Bakeries	0.01	BELGIUM
Lowes Cos Inc	0.22	USA
LPL Financial Holdings	0.03	USA
LPP SA	0.01	POLAND
LS Corp	<0.005	KOREA
Lucid Group Inc (A)	0.01	USA
lululemon athletica inc.	0.1	USA
Lundberg B	0.01	SWEDEN
LVMH	0.34	FRANCE
LY	0.02	JAPAN
Lynas Corp	0.01	AUSTRALIA
LyondellBasell Industries CI A	0.04	USA
M&T Bank	0.04	USA
M3	0.01	JAPAN
Mabuchi Motor	<0.005	JAPAN
Macnica Fuji Electronics Holdings	<0.005	JAPAN
Macquarie Group	0.08	AUSTRALIA
Magellan Financial Group	<0.005	AUSTRALIA
Magna International Inc.	0.03	CANADA
Mainfreight	0.01	NEW ZEALAND
Makita Corp	0.01	JAPAN
Man Wah Holdings Ltd.	<0.005	HONG KONG
Mandatum	<0.005	FINLAND
Mani	<0.005	JAPAN
Manulife Financial	0.07	CANADA
Mapfre S.A.	<0.005	SPAIN

Constituent	Index weight (%)	Country
Mapletree Industrial Trust	0.01	SINGAPORE
Mapletree Logistics Trust	0.01	SINGAPORE
Mapletree Pan Asia Commercial Trust	<0.005	SINGAPORE
Marathon Oil Corp	0.02	USA
Marathon Petroleum	0.1	USA
Markel Group Inc	0.03	USA
MarketAxess Holdings	0.02	USA
Marriott International	0.09	USA
Marsh & McLennan	0.16	USA
Martin Marietta Materials	0.05	USA
Marubeni Corp	0.04	JAPAN
Marui Group	0.01	JAPAN
Maruichi Steel Tube	<0.005	JAPAN
Marvell Technology	0.09	USA
Masco Corp	0.03	USA
Masimo	0.01	USA
Mastercard CL A	0.6	USA
Match Group	0.02	USA
Matsui Securities Co Ltd	<0.005	JAPAN
MatsukiyoCocokara	0.01	JAPAN
Mazda Motor	0.01	JAPAN
McCormick & Co	0.03	USA
McDonalds Corp	0.37	USA
McDonald's Holdings (Japan)	0.01	JAPAN
McKesson	0.11	USA
Mebuki Financial Group	0.01	JAPAN
Medibank Private	0.01	AUSTRALIA
Mediobanca	0.01	ITALY
Medipal Holdings	<0.005	JAPAN
Medtronic plc	0.19	USA
Meiji Holdings	0.01	JAPAN
Melco International Development	<0.005	HONG KONG
Melisron	<0.005	ISRAEL
Menicon	<0.005	JAPAN
MercadoLibre Inc.	0.12	USA
Mercari	<0.005	JAPAN
Mercedes-Benz Group AG	0.1	GERMANY
Merck & Co	0.47	USA
Merck Kgaa	0.04	GERMANY
Mercury NZ	<0.005	NEW ZEALAND
Meridian Energy	0.01	NEW ZEALAND
Meritz Finance Holdings	0.01	KOREA
Merlin Properties Socimi SA	0.01	SPAIN
Meta Platforms Inc	1.33	USA
Metcash	<0.005	AUSTRALIA
Mettlife	0.07	USA
Metro Inc.	0.02	CANADA
Metso Corporation	0.01	FINLAND
Mettler-Toledo	0.04	USA
MGM China Holdings	<0.005	HONG KONG
MGM Resorts International	0.02	USA
Michelin B	0.04	FRANCE
Microchip Technology	0.08	USA
Micon Technology	0.16	USA
Microsoft Corp	4.77	USA
Mid-America Apartment Comm	0.03	USA
Minebea Mitsumi	0.01	JAPAN
Mineral Resources	0.01	AUSTRALIA
Mirae Asset Daewoo	<0.005	KOREA
Mirae Asset Daewoo Pfd.	<0.005	KOREA
Mirvac Group	0.01	AUSTRALIA
MISUMI Group	0.01	JAPAN
Mitsubishi Chemical Holdings	0.01	JAPAN
Mitsubishi Corp	0.09	JAPAN
Mitsubishi Electric Corp	0.05	JAPAN
Mitsubishi Estate	0.03	JAPAN
Mitsubishi Gas Chemical	<0.005	JAPAN
Mitsubishi HC Capital	0.01	JAPAN
Mitsubishi Heavy Inds	0.03	JAPAN
Mitsubishi Logistics	<0.005	JAPAN
Mitsubishi Materials Corp	<0.005	JAPAN
Mitsubishi Motors	<0.005	JAPAN
Mitsubishi UFJ Financial	0.17	JAPAN
Mitsui & Co	0.09	JAPAN
Mitsui Chemicals	0.01	JAPAN
Mitsui Fudosan	0.04	JAPAN
Mitsui Fudosan Logistics Park	<0.005	JAPAN
Mitsui High-Tec	<0.005	JAPAN
Mitsui Mining & Smelt	<0.005	JAPAN
Mitsui Osk Lines	0.02	JAPAN
Miura	<0.005	JAPAN
Mivne Real Estate	<0.005	ISRAEL
Mizrahi Tefahot Bank Ltd.	0.01	ISRAEL
Mizuho Financial Group	0.07	JAPAN
MMG	<0.005	HONG KONG
Moderna	0.06	USA
Molina Healthcare	0.04	USA
Molson Coors Beverage Company	0.02	USA
Moncler	0.02	ITALY
Mondelez International Inc.	0.17	USA
Money Forward	<0.005	JAPAN
MongoDB	0.05	USA
Monolithic Power Systems	0.05	USA
MonotaRO	<0.005	JAPAN
Monster Beverage	0.07	USA
Moodys Corporation	0.11	USA
Morgan Stanley	0.19	USA
Mori Hills REIT Investment	<0.005	JAPAN
Morinaga	<0.005	JAPAN
Morinaga Milk Industry	<0.005	JAPAN

Constituent	Index weight (%)	Country
Mosaic Company	0.02	USA
Motorola Solutions	0.09	USA
Mowi ASA	0.01	NORWAY
MS&AD Insurance Group Holdings	0.03	JAPAN
MSCI	0.07	USA
MTR Corp	0.01	HONG KONG
MTU Aero Engines AG	0.02	GERMANY
Muenchener Rueckversicherungs Reg	0.1	GERMANY
Murata Manufacturing	0.06	JAPAN
Nabtesco Corp	<0.005	JAPAN
NagaCorp	<0.005	HONG KONG
Nagase & Co	<0.005	JAPAN
Nagoya Railroad	0.01	JAPAN
Nankai Electric Railway	<0.005	JAPAN
Nasdaq	0.03	USA
National Australia Bank	0.11	AUSTRALIA
National Bank of Canada	0.04	CANADA
Naturgy Energy Group SA	0.01	SPAIN
NAVER	0.04	KOREA
Ncsoft	0.01	KOREA
NEC	0.03	JAPAN
NEC Networks & System Integration	<0.005	JAPAN
Nemetschek SE	0.01	GERMANY
Neoen S.A.	<0.005	FRANCE
Neste Oyj	0.03	FINLAND
Nestle	0.53	SWITZERLAND
Net Lease Office Properties	<0.005	USA
Net One	<0.005	JAPAN
NetApp	0.03	USA
Netflix Inc	0.36	USA
NetLink NBN Trust	<0.005	SINGAPORE
Netmarble	<0.005	KOREA
New Hope	<0.005	AUSTRALIA
New World Development	<0.005	HONG KONG
Newmont Corporation	0.08	USA
News Corporation CI A	0.02	USA
News Corporation CI B	0.01	USA
Nexi	0.01	ITALY
Nexon	0.01	JAPAN
NEXTDC	0.01	AUSTRALIA
Nexteer Automotive Group	<0.005	HONG KONG
NextEra Energy Inc	0.21	USA
NGK Insulators	0.01	JAPAN
NH Foods	0.01	JAPAN
NH Investment & Securities	<0.005	KOREA
NHK Spring Co	<0.005	JAPAN
NIBE Industrier B	0.02	SWEDEN
Nice Ltd	0.02	ISRAEL
Nichirei	<0.005	JAPAN
Nidec Corp	0.04	JAPAN
Nifco	<0.005	JAPAN
Nihon Kohden	<0.005	JAPAN
Nihon M&A Center	<0.005	JAPAN
Nike Inc CI B	0.22	USA
Nikon Corp	0.01	JAPAN
Nintendo	0.09	JAPAN
Nippon Accommodations Fund	<0.005	JAPAN
Nippon Building Fund Inc	0.01	JAPAN
Nippon Electric Glass	<0.005	JAPAN
Nippon Express Holdings	0.01	JAPAN
Nippon Kayaku	<0.005	JAPAN
Nippon Paint	0.01	JAPAN
Nippon Prologis REIT	0.01	JAPAN
Nippon Sanso Holdings	0.01	JAPAN
Nippon Shinyaku	<0.005	JAPAN
Nippon Shokubai	<0.005	JAPAN
Nippon Steel	0.03	JAPAN
Nippon Telegraph and Telephone	0.06	JAPAN
Nippon Yusen	0.02	JAPAN
Nipro	<0.005	JAPAN
Nishi-Nippon Railroad	<0.005	JAPAN
Nisource	0.02	USA
Nissan Chemical	0.01	JAPAN
Nissan Motor	0.01	JAPAN
Nissin Seifun Group	0.01	JAPAN
NISSIN FOODS HOLDINGS	0.01	JAPAN
Niterra	0.01	JAPAN
Nitori Holdings	0.02	JAPAN
Nitto Denko Corp	0.02	JAPAN
NN Group	0.02	NETHERLANDS
Noevir Holdings	<0.005	JAPAN
Nof Corp	0.01	JAPAN
NOK	<0.005	JAPAN
Nokia	0.03	FINLAND
Nomura Holdings	0.02	JAPAN
Nomura Real Estate Holdings	<0.005	JAPAN
Nomura Real Estate Master Fund	0.01	JAPAN
Nomura Research Institute	0.02	JAPAN
Nong Shim	<0.005	KOREA
Nordea Bank Abp	0.07	FINLAND
Norfolk Sthn Corp	0.09	USA
Norsk Hydro	0.02	NORWAY
Northern Star Resources	0.02	AUSTRALIA
Northern Trust	0.03	USA
Northrop Grumman Corp	0.11	USA
Nova	0.01	ISRAEL
Novartis (REGD)	0.36	SWITZERLAND
Novo-Nordisk B	0.55	DENMARK
Novozymes A/S	0.02	DENMARK
NRG Energy	0.02	USA

Constituent	Index weight (%)	Country
NS Solutions	<0.005	JAPAN
NSK	<0.005	JAPAN
NTT Data Corp.	0.02	JAPAN
Nu Holdings	0.03	USA
Nucor Corp	0.07	USA
Nufarm	<0.005	AUSTRALIA
Nutrien Ltd	0.05	CANADA
Nvidia	2	USA
NVR Inc	0.04	USA
NWS Holdings	<0.005	HONG KONG
NXP Semiconductors	0.1	USA
O'Reilly Auto	0.1	USA
Obayashi	0.01	JAPAN
Obic	0.02	JAPAN
Obic Business Consultants	<0.005	JAPAN
Occidental Petroleum	0.07	USA
OCI Holdings	<0.005	KOREA
Oci NV	<0.005	NETHERLANDS
Odakyu Electric Railway	0.01	JAPAN
Odet Financiere	<0.005	FRANCE
Oji Holdings	0.01	JAPAN
Okta	0.02	USA
Okuma	<0.005	JAPAN
Olam Group	<0.005	SINGAPORE
Old Dominion Freight Line	0.07	USA
Olympus	0.03	JAPAN
Omnicom Group	0.03	USA
Omron Corp	0.01	JAPAN
OMV	0.01	AUSTRIA
ON Semiconductor Corp	0.06	USA
ONEOK Inc	0.07	USA
Ono Pharmaceutical	0.01	JAPAN
OPC Energy Ltd	<0.005	ISRAEL
Open House	<0.005	JAPAN
Oracle Corp.	0.28	USA
Oracle Corporation Japan	<0.005	JAPAN
Orange	0.04	FRANCE
Orica	0.01	AUSTRALIA
Orient Corp	<0.005	JAPAN
Orient Overseas (International)	<0.005	HONG KONG
Oriental Land	0.06	JAPAN
Origin Energy	0.02	AUSTRALIA
Orion	<0.005	KOREA
Orion B	0.01	FINLAND
Orix Corporation	0.04	JAPAN
Orix Jreit Inc	0.01	JAPAN
Orkla A	0.01	NORWAY
ORLEN S.A	0.02	POLAND
Orora	<0.005	AUSTRALIA
Orsted	0.02	DENMARK
Osaka Gas	0.01	JAPAN
OSG	<0.005	JAPAN
Otis Worldwide	0.06	USA
Otsuka	0.01	JAPAN
Otsuka Holdings	0.03	JAPAN
Ottogi	<0.005	KOREA
Oversea-Chinese Banking	0.06	SINGAPORE
Paccar	0.09	USA
Packaging Corp of America	0.02	USA
Palantir Technologies	0.06	USA
Palo Alto Networks	0.15	USA
Pallac	<0.005	JAPAN
Pan Ocean	<0.005	KOREA
Pan Pacific International Holdings	0.02	JAPAN
Panasonic Holdings	0.04	JAPAN
Pandora A/S	0.02	DENMARK
Paradise	<0.005	KOREA
Paramount Global (B)	0.01	USA
Park24	<0.005	JAPAN
Parker-Hannifin	0.1	USA
Partners Group AG	0.05	SWITZERLAND
Paychex	0.07	USA
Paycom Software	0.02	USA
PayPal Holdings	0.11	USA
PCCW	<0.005	HONG KONG
Pearl Abyss	<0.005	KOREA
Pembina Pipeline	0.03	CANADA
Penta Ocean Construction	<0.005	JAPAN
Pentair plc	0.02	USA
Pepco Group	<0.005	POLAND
Pepsico	0.4	USA
Peptidream	<0.005	JAPAN
Pernod Ricard	0.06	FRANCE
Perpetual	<0.005	AUSTRALIA
Persol Holdings	0.01	JAPAN
Pfizer	0.28	USA
PG & E Corp.	0.06	USA
Phillip Morris International	0.25	USA
Phillips 66	0.1	USA
Phoenix Holdings	<0.005	ISRAEL
Pigeon	<0.005	JAPAN
Pilbara Minerals	0.01	AUSTRALIA
Pinnacle West Capital Corp	0.01	USA
Pinterest	0.04	USA
Pioneer Natural Resource	0.09	USA
Pirelli & C	<0.005	ITALY
PKO Bank Polski	0.02	POLAND
Platinum Asset Mangement Ltd/Australia	<0.005	AUSTRALIA
PNC Financial Services Group	0.1	USA
Pola Orbis Holdings	<0.005	JAPAN

Constituent	Index weight (%)	Country	Constituent	Index weight (%)	Country	Constituent	Index weight (%)	Country
Pool	0.03	USA	Sagax D Line	<0.005	SWEDEN	Siemens AG	0.24	GERMANY
Posco	0.05	KOREA	Salesforce Inc	0.42	USA	Siemens Energy	0.01	GERMANY
POSCO Future M	0.01	KOREA	Salmar ASA	0.01	NORWAY	Siemens Healthineers	0.03	GERMANY
Posco International	<0.005	KOREA	Sampo Oyi	0.03	FINLAND	SIG Group AG	0.01	SWITZERLAND
Poste Italiane	0.01	ITALY	Samsonite International	0.01	HONG KONG	Signify NV	0.01	NETHERLANDS
Power Assets Holdings	0.01	HONG KONG	Samsung Biologics	0.02	KOREA	Sika	0.08	SWITZERLAND
Power Corp Canada	0.03	CANADA	Samsung C&T	0.01	KOREA	Simon Property Group	0.08	USA
Powszechny Zakład Ubezpieczeń SA	0.01	POLAND	Samsung Card	<0.005	KOREA	Sims	<0.005	AUSTRALIA
PPG Industries	0.06	USA	Samsung Electro-Mechanics	0.01	KOREA	Singapore Airlines	0.01	SINGAPORE
PPL Corporation	0.03	USA	Samsung Electronics	0.49	KOREA	Singapore Exchange	0.01	SINGAPORE
Prada	<0.005	HONG KONG	Samsung Electronics Pfd.	0.07	KOREA	Singapore Post Ltd	<0.005	SINGAPORE
Price (T. Rowe) Group	0.04	USA	Samsung Eng	0.01	KOREA	Singapore Technologies Engineering	0.01	SINGAPORE
Principal Financial Group	0.03	USA	Samsung Fire & Marine Insurance	0.01	KOREA	Singapore Telecommunications	0.02	SINGAPORE
Pro Medicus Ltd	0.01	AUSTRALIA	Samsung Fire & Marine Insurance Pfd.	<0.005	KOREA	Sino Land	0.01	HONG KONG
Procter & Gamble	0.59	USA	Samsung Heavy Industries	0.01	KOREA	Sirius XM Holdings	0.01	USA
Progressive Corp	0.16	USA	Samsung Life Insurance Co. Ltd.	0.01	KOREA	SITC International Holdings	<0.005	HONG KONG
Prologis	0.21	USA	Samsung SDI	0.03	KOREA	Sixt SE	<0.005	GERMANY
Prosus	0.08	NETHERLANDS	Samsung SDI Pfd. Series 1	<0.005	KOREA	Sixt SE (PREF)	<0.005	GERMANY
Prudential Financial	0.06	USA	Samsung SDS	0.01	KOREA	SJM Holdings	<0.005	HONG KONG
Prysmian	0.02	ITALY	Samsung Securities	<0.005	KOREA	SK	0.01	KOREA
PSP Swiss Property	0.01	SWITZERLAND	Sandoz Group	0.02	SWITZERLAND	SK Biopharmaceuticals	<0.005	KOREA
PTC	0.03	USA	Sands China	0.01	HONG KONG	SK Bioscience	<0.005	KOREA
Public Storage	0.08	USA	Sandvik AB	0.04	SWEDEN	SK Chemicals	<0.005	KOREA
Public Svc Enterprise Group	0.05	USA	Sanken Electric	<0.005	JAPAN	SK Hynix	0.1	KOREA
Publicis Groupe	0.04	FRANCE	Sankyo	<0.005	JAPAN	SK IE Technology	<0.005	KOREA
Pulte Group	0.04	USA	Sankyu	<0.005	JAPAN	SK Innovation	0.01	KOREA
Puma	0.01	GERMANY	Sanofi	0.18	FRANCE	Sk Networks	<0.005	KOREA
Qantas Airways	0.01	AUSTRALIA	Sanrio	<0.005	JAPAN	SK Square	0.01	KOREA
QBE Insurance Group	0.03	AUSTRALIA	Santander Bank Polska SA	0.01	POLAND	Skandinaviska Enskilda Banken AB A	0.04	SWEDEN
Qiagen Nv	0.02	GERMANY	Santen Pharmaceutical	0.01	JAPAN	Skandinaviska Enskilda Banken AB C	<0.005	SWEDEN
Qorvo Inc.	0.02	USA	Santos	0.03	AUSTRALIA	Skanska B	0.01	SWEDEN
Qualcomm	0.27	USA	Sanwa Holdings	0.01	JAPAN	SKC	<0.005	KOREA
Quanta Services	0.05	USA	SAP	0.29	GERMANY	SKF B	0.01	SWEDEN
Qube Holdings	0.01	AUSTRALIA	Sapporo Holdings	<0.005	JAPAN	Sky City Entertainment Group	<0.005	NEW ZEALAND
Quest Diagnostics	0.03	USA	Saputo	0.01	CANADA	Skylark Holdings	0.01	JAPAN
Raiffeisen Bank International	<0.005	AUSTRIA	Sartorius Ag	<0.005	GERMANY	Skyworks Solutions Inc	0.03	USA
Rakus	<0.005	JAPAN	Sartorius AG Pref	0.02	GERMANY	SMC Corp	0.05	JAPAN
Rakuten	0.01	JAPAN	Sartorius Stedim Biotech	0.01	FRANCE	SMS	<0.005	JAPAN
Rakuten Bank	<0.005	JAPAN	SATS	<0.005	SINGAPORE	Snam	0.02	ITALY
Ramsay Health Care	0.01	AUSTRALIA	Sawai Group Holdings	<0.005	JAPAN	Snap-On Inc	0.03	USA
Randstad NV	0.01	NETHERLANDS	SBA Communications	0.05	USA	Snowflake	0.11	USA
Rational	0.01	GERMANY	SBI Holdings	0.01	JAPAN	Societe Generale	0.03	FRANCE
Raymond James Financial	0.04	USA	SCA B	0.02	SWEDEN	Socionext	0.01	JAPAN
REA Group	0.01	AUSTRALIA	Scentre Group	0.02	AUSTRALIA	Sodexo	0.02	FRANCE
Realty Income	0.07	USA	Schibsted A	<0.005	NORWAY	Sofina	0.01	BELGIUM
Recordati	0.01	ITALY	Schibsted B	<0.005	NORWAY	SoftBank	0.06	JAPAN
Recruit Holdings	0.1	JAPAN	Schindler Holding (Cert)	0.02	SWITZERLAND	SoftBank Group	0.07	JAPAN
Redeia Corporation	0.01	SPAIN	Schindler Holding (Reg)	0.01	SWITZERLAND	Sohgo Security Services	<0.005	JAPAN
Reece	0.01	AUSTRALIA	Schlumberger	0.13	USA	S-Oil Corp.	<0.005	KOREA
Regency Centers	0.02	USA	Schneider Electric	0.18	FRANCE	Soitec	0.01	FRANCE
Regeneron Phar	0.15	USA	Schwab (Charles) Corp	0.17	USA	Sojitz	0.01	JAPAN
Region Group	<0.005	AUSTRALIA	Scor S.A.	0.01	FRANCE	SolarEdge Technologies	0.01	USA
Regions Financial	0.03	USA	Scout24	0.01	GERMANY	Solus Advanced Materials	<0.005	KOREA
Relo Group	<0.005	JAPAN	SCREEN Holdings	0.01	JAPAN	Solvay A	<0.005	BELGIUM
Remy Cointreau	<0.005	FRANCE	SCSK	<0.005	JAPAN	Sompo Holdings	0.03	JAPAN
RenaissanceRe	0.02	USA	SD Biosensor	<0.005	KOREA	Sonic Healthcare	0.02	AUSTRALIA
Renault	0.01	FRANCE	Seagate Technology Holdings PLC	0.03	USA	Sonova Holding AG	0.03	SWITZERLAND
Renesas Electronics	0.04	JAPAN	Seatrium	0.01	SINGAPORE	Sony Corp	0.2	JAPAN
Rengo	<0.005	JAPAN	SEB	<0.005	FRANCE	Sotetsu Holdings Inc	<0.005	JAPAN
Reply	0.01	ITALY	Secom	0.02	JAPAN	South32	0.02	AUSTRALIA
Repsol	0.03	SPAIN	Securitas AB B	0.01	SWEDEN	Southern Co	0.13	USA
Republic Services	0.06	USA	Seegene	<0.005	KOREA	Southern Copper Corp.	0.01	USA
Resmed Inc	0.04	USA	Seek	0.01	AUSTRALIA	Southwest Airlines	0.01	USA
Resona Holdings	0.02	JAPAN	Sega Sammy Holdings	<0.005	JAPAN	Spark New Zealand	0.01	NEW ZEALAND
Resonac Holdings	0.01	JAPAN	SEI Invest Co	0.01	USA	Splunk	0.04	USA
Resorttrust	<0.005	JAPAN	Seibu Holdings	<0.005	JAPAN	SPOTIFY TECHNOLOGY SA	0.04	USA
Restaurant Brands International	0.04	CANADA	Seiko Epson	0.01	JAPAN	Square Enix Holdings	<0.005	JAPAN
Revvity Inc	0.02	USA	Seino Holdings	<0.005	JAPAN	SS&C Technologies Holdings	0.02	USA
Rexel S.A.	0.01	FRANCE	Sekisui Chemical	0.01	JAPAN	SSAB AB A	<0.005	SWEDEN
Rheinmetall	0.02	GERMANY	Sekisui House	0.02	JAPAN	SSAB AB B	0.01	SWEDEN
Ricoh	0.01	JAPAN	Sekisui House Reit	<0.005	JAPAN	SsangYong Cement Industrial	<0.005	KOREA
Rinnai Corp	<0.005	JAPAN	Sembcorp Industries	0.01	SINGAPORE	St Gobain (Cie De)	0.06	FRANCE
Rio Tinto Ltd.	0.06	AUSTRALIA	Sempra	0.08	USA	Stanley Black & Decker	0.03	USA
Rivian Automotive	0.03	USA	ServiceNow	0.24	USA	Stanley Electric	<0.005	JAPAN
Robert Half Inc	0.02	USA	Seven & I Holdings	0.05	JAPAN	Starbucks	0.18	USA
Roblox	0.04	USA	Seven Bank	<0.005	JAPAN	StarHub	<0.005	SINGAPORE
Roche Hldgs (BR)	0.02	SWITZERLAND	Seven Group Holdings	0.01	AUSTRALIA	State Street Corp.	0.04	USA
Roche Hldgs (GENUS)	0.34	SWITZERLAND	SG Holdings	0.01	JAPAN	Steadfast Group	0.01	AUSTRALIA
Rockwell Automation	0.06	USA	SGS S.A.	0.02	SWITZERLAND	Steel Dynamics	0.03	USA
ROCKWOOL A/S B	<0.005	DENMARK	Shangri-La Asia	<0.005	HONG KONG	Stellantis NV	0.08	ITALY
Rohm	0.01	JAPAN	Shapir Engineering and Industry Ltd	<0.005	ISRAEL	STERIS plc	0.04	USA
Rohto Pharmaceutical	0.01	JAPAN	Sharp	<0.005	JAPAN	STMicroelectronics	0.06	FRANCE
Rollins Inc	0.02	USA	Sherwin-Williams	0.13	USA	Stockland	0.01	AUSTRALIA
Roper Technologies	0.1	USA	Shift	<0.005	JAPAN	Stora Enso R	0.01	FINLAND
Ross Stores	0.08	USA	Shikoku Electric Power	<0.005	JAPAN	Straumann Hld N	0.03	SWITZERLAND
Royal Bank Of Canada	0.24	CANADA	Shimadzu Corp	0.01	JAPAN	Strauss Group	<0.005	ISRAEL
Royal Caribbean Group	0.05	USA	Shimamura	<0.005	JAPAN	Stryker	0.18	USA
Royal KPN	0.02	NETHERLANDS	Shimano	0.02	JAPAN	Subaru	0.02	JAPAN
Royal UNIBREW	0.01	DENMARK	Shimizu Corp	0.01	JAPAN	Sugi Holdings	<0.005	JAPAN
Royalty Pharma	0.02	USA	Shin-Etsu Chemical	0.14	JAPAN	Sumco	0.01	JAPAN
RTL Group	<0.005	GERMANY	Shinhan Financial Group	0.03	KOREA	Sumitomo Bakelite	<0.005	JAPAN
RTX Corporation	0.21	USA	Shinko Elec Ind	<0.005	JAPAN	Sumitomo Chemical	0.01	JAPAN
RWE	0.06	GERMANY	Shinsegae	<0.005	KOREA	Sumitomo Corp	0.04	JAPAN
Ryman Healthcare	<0.005	NEW ZEALAND	Shionogi	0.02	JAPAN	Sumitomo Electric Industries	0.02	JAPAN
Ryohin Keikaku	0.01	JAPAN	Ship Healthcare Holdings	<0.005	JAPAN	Sumitomo Forestry	0.01	JAPAN
S&P Global	0.24	USA	Shiseido	0.02	JAPAN	Sumitomo Heavy Ind	<0.005	JAPAN
S1 Corporation	<0.005	KOREA	Shizuoka Financial Group	0.01	JAPAN	Sumitomo Metal Mining	0.01	JAPAN
SAAB B	0.01	SWEDEN	Sho-Bond Holdings	<0.005	JAPAN	Sumitomo Mitsui Financial Group	0.11	JAPAN
Safran	0.1	FRANCE	SHOPIFY INC	0.15	CANADA	Sumitomo Mitsui Trust Holdings	0.02	JAPAN
Sagax AB	0.01	SWEDEN	SIA Engineering	<0.005	SINGAPORE	Sumitomo Pharma	<0.005	JAPAN

Constituent	Index weight (%)	Country	Constituent	Index weight (%)	Country	Constituent	Index weight (%)	Country
Sumitomo Realty & Development	0.02	JAPAN	Tokio Marine Holdings	0.08	JAPAN	Vicinity Centers	0.01	AUSTRALIA
Sumitomo Rubber Industries	<0.005	JAPAN	Tokyo Century	<0.005	JAPAN	Vinci	0.11	FRANCE
Sun Communities	0.03	USA	Tokyo Electric Power Co Holdings	0.01	JAPAN	Visa	0.71	USA
Sun Hung Kai Properties	0.03	HONG KONG	Tokyo Electron	0.13	JAPAN	Vistra Corp	0.02	USA
Sun Life Financial	0.05	CANADA	Tokyo Gas	0.02	JAPAN	Vitasoy International Holdings	<0.005	HONG KONG
Suncor Energy	0.07	CANADA	Tokyo Ohka Kogyo	<0.005	JAPAN	Vivendi	0.01	FRANCE
Suncorp Group	0.02	AUSTRALIA	Tokyo Seimitsu	<0.005	JAPAN	Voestalpine	0.01	AUSTRIA
Sundrug Co Ltd	<0.005	JAPAN	Tokyo Tatemono	0.01	JAPAN	Volkswagen	0.01	GERMANY
Suntec REIT	<0.005	SINGAPORE	Tokyu Corp	0.01	JAPAN	Volkswagen Pfd	0.04	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	0.07	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	0.04	GERMANY
Svenska Handelsbk B	<0.005	SWEDEN	Toronto-Dominion Com	0.2	CANADA	Vopak Nv	<0.005	NETHERLANDS
Svenska Handelsbnk A	0.03	SWEDEN	Toshiba Tec	<0.005	JAPAN	Voya Financial	0.01	USA
Swatch Group AG BR	0.01	SWITZERLAND	Tosoh	0.01	JAPAN	VTech Holdings	<0.005	HONG KONG
Swatch Group AG Reg.	<0.005	SWITZERLAND	TotalEnergies SE	0.25	FRANCE	Vulcan Materials	0.05	USA
Sweco Ab-B Shs	<0.005	SWEDEN	Toto	0.01	JAPAN	W. P. Carey Inc.	0.02	USA
Swedbank AB Series A	0.03	SWEDEN	Tourmaline Oil	0.02	CANADA	Wabtec	0.04	USA
Swedish Orphan Biovitrum AB	0.01	SWEDEN	Tower Semiconductor Ltd	0.01	ISRAEL	Wacker Chemie	<0.005	GERMANY
Swire Pacific A	0.01	HONG KONG	Toyo Seikan Group Holdings	<0.005	JAPAN	Walgreens Boots Alliance	0.03	USA
Swire Pacific B	<0.005	HONG KONG	Toyo Suisan Kaisha	0.01	JAPAN	Walmart	0.38	USA
Swire Properties	<0.005	HONG KONG	Toyo Tire	<0.005	JAPAN	Warehouses De Pauw	0.01	BELGIUM
Swiss Life	0.03	SWITZERLAND	Toyoda Gosei	<0.005	JAPAN	Warner Bros Discovery Inc	0.04	USA
Swiss Prime Site	0.01	SWITZERLAND	Toyota Boshoku	<0.005	JAPAN	Wartsila B	0.01	FINLAND
Swiss Re	0.06	SWITZERLAND	Toyota Industries	0.02	JAPAN	Washington H. Soul Pattinson	0.01	AUSTRALIA
Swisscom	0.03	SWITZERLAND	Toyota Motor	0.37	JAPAN	Waste Connections Inc	0.07	CANADA
Syngso	0.01	BELGIUM	Toyota Tsusho	0.02	JAPAN	Waste Mgmt Inc	0.12	USA
Symrise AG	0.02	GERMANY	TPG Telecom	<0.005	AUSTRALIA	Waters Corp	0.03	USA
Synchrony Financial	0.03	USA	Tractor Supply	0.04	USA	WEC Energy Group	0.05	USA
Synopsys Inc	0.13	USA	Trane Technologies PLC	0.09	USA	Welcia Holdings	<0.005	JAPAN
Sysco Corp	0.06	USA	TransDigm	0.09	USA	Wells Fargo & Company	0.31	USA
Sysmex	0.02	JAPAN	TransUnion	0.02	USA	Welltower Inc.	0.08	USA
T&D Holdings	0.01	JAPAN	Transurban Group	0.05	AUSTRALIA	wemade	<0.005	KOREA
Tabcorp Holdings	<0.005	AUSTRALIA	Traton	<0.005	GERMANY	Wendel	<0.005	FRANCE
Taiheiyō Cement Corp	<0.005	JAPAN	Travelers Cos Inc.	0.07	USA	Wesfarmers	0.08	AUSTRALIA
Taisei	0.01	JAPAN	Treasury Wine Estates	0.01	AUSTRALIA	West Japan Railway	0.02	JAPAN
Taiisho Pharmaceutical Holdings	<0.005	JAPAN	Trelleborg Ab Ser B	0.01	SWEDEN	West Pharm Svcs	0.04	USA
Taiyo Yuden	0.01	JAPAN	Trend Micro	0.01	JAPAN	Western Digital	0.03	USA
Takara Bio	<0.005	JAPAN	Trimble	0.02	USA	Westlake Corporation	0.01	USA
Takara Holdings	<0.005	JAPAN	Truist Financial Corporation	0.08	USA	Weston (George)	0.01	CANADA
Takashimaya	<0.005	JAPAN	Tryg A/S	0.01	DENMARK	Westpac Banking Corp	0.09	AUSTRALIA
Takeda Pharmaceutical	0.07	JAPAN	TS TECH	<0.005	JAPAN	WestRock Company	0.02	USA
Take-Two Interactive Software	0.05	USA	Tsumura & Co	<0.005	JAPAN	Weyerhaeuser	0.04	USA
Talanx AG	0.01	GERMANY	Tsuruha Holdings	0.01	JAPAN	WH Group	0.01	HONG KONG
Targa Resources Corp.	0.03	USA	Twilio	0.02	USA	Wharf Holdings	0.01	HONG KONG
Target Corp	0.11	USA	Tyler Technologies	0.03	USA	Wharf Real Estate Investment	0.01	HONG KONG
TBS Holdings	<0.005	JAPAN	Tyson Foods Inc A	0.03	USA	Wheaton Precious Metals	0.04	CANADA
TC Energy	0.07	CANADA	Ube Industries	<0.005	JAPAN	Whirlpool Corp	0.01	USA
TDK Corp	0.03	JAPAN	Uber Technologies	0.21	USA	Whitehaven Coal	0.01	AUSTRALIA
TE Connectivity	0.08	USA	Ubiquiti	<0.005	USA	Williams Cos	0.07	USA
Tecan Group	0.01	SWITZERLAND	Ubisoft Entertainment	<0.005	FRANCE	Willis Towers Watson plc	0.04	USA
TechnoPro Holdings	<0.005	JAPAN	UBS Group AG	0.16	SWITZERLAND	Wilmar International Limited	0.01	SINGAPORE
Techntron Industries	0.03	HONG KONG	UCB Cap	0.02	BELGIUM	Wisetech Global	0.01	AUSTRALIA
Teck Resources Ltd	0.03	CANADA	UDR	0.02	USA	WK Kellogg Co	<0.005	USA
Teijin	<0.005	JAPAN	UiPath	0.02	USA	Wolters Kluwer CVA	0.06	NETHERLANDS
Tele2 AB	0.01	SWEDEN	Ultra Beauty	0.04	USA	Woodside Energy Group	0.07	AUSTRALIA
Telecom Italia	0.01	ITALY	Ulvac	<0.005	JAPAN	Woolworths Group	0.05	AUSTRALIA
Telecom Italia Rsp	<0.005	ITALY	Umicore	0.01	BELGIUM	Woori Financial Group	0.01	KOREA
Teledyne Tech	0.04	USA	Unibail Rodamco Westfield	0.01	FRANCE	Workday	0.09	USA
Teleflex Inc	0.02	USA	Uni-Charm	0.02	JAPAN	Workman	<0.005	JAPAN
Telefonaktiebolaget LM Ericsson	0.03	SWEDEN	Unicredit	0.08	ITALY	Worldline	0.01	FRANCE
Telefonaktiebolaget LM Ericsson	<0.005	SWEDEN	Union Pacific Corp	0.25	USA	WorleyParsons Ltd.	0.01	AUSTRALIA
Telefonica	0.03	SPAIN	UnipolSai	<0.005	ITALY	Wynn Macau Ltd.	<0.005	HONG KONG
Telefonica Deutschland Holdings	<0.005	GERMANY	United Airlines Holdings Inc	0.01	USA	Wynn Resorts	0.02	USA
Telekom Austria	<0.005	AUSTRIA	United Energy Group	<0.005	HONG KONG	XCEL Energy	0.06	USA
Telenor A/S	0.01	NORWAY	United Overseas Bank	0.04	SINGAPORE	Xero	0.02	AUSTRALIA
Teleperformance	0.01	FRANCE	United Parcel Service	0.19	USA	Xinyi Glass Holding	<0.005	HONG KONG
Telia Co AB	0.01	SWEDEN	United Rentals	0.07	USA	Xylem Inc.	0.05	USA
Telstra Group	0.02	AUSTRALIA	United Urban Investment	0.01	JAPAN	Yakult Honsha	0.01	JAPAN
Telus Corporation	0.01	CANADA	Unitedhealth Group	0.83	USA	Yamada Denki	<0.005	JAPAN
Temenos Group	0.01	SWITZERLAND	Unity Software	0.02	USA	Yamaguchi Financial Group	<0.005	JAPAN
Tenaris	0.01	ITALY	Universal Health Services B	0.02	USA	Yamaha	0.01	JAPAN
Teradyne	0.03	USA	Universal Music Group	0.04	NETHERLANDS	Yamaha Motor	0.01	JAPAN
Terna	0.02	ITALY	UOL Group	<0.005	SINGAPORE	Yamato Holdings	0.01	JAPAN
Terumo Corp	0.04	JAPAN	UPM-Kymmene	0.03	FINLAND	Yamato Kogyo	<0.005	JAPAN
Tesla	1.17	USA	US Bancorp	0.11	USA	Yamazaki Baking	<0.005	JAPAN
Teva Pharmaceutical	0.02	ISRAEL	Ushio Inc	<0.005	JAPAN	Yancoal Australia	<0.005	AUSTRALIA
Texas Instruments	0.26	USA	USS	0.01	JAPAN	Yaoko Co Ltd	<0.005	JAPAN
Texas Pacific Land Corporation	0.02	USA	Vail Resorts	0.01	USA	Yara International	0.01	NORWAY
Textron	0.03	USA	Valeo	0.01	FRANCE	Yaskawa Electric	0.02	JAPAN
Thales	0.02	FRANCE	Valero Energy	0.08	USA	Yokogawa Electric	0.01	JAPAN
The Cigna Group	0.15	USA	Valmet	0.01	FINLAND	Yokohama Rubber	0.01	JAPAN
The Lottery	0.01	AUSTRALIA	Var Energi AS	<0.005	NORWAY	Yue Yuen Industrial	<0.005	HONG KONG
The Star Entertainment Group	<0.005	AUSTRALIA	VAT Group AG	0.02	SWITZERLAND	Yuhan	0.01	KOREA
THE TRADE DESK	0.05	USA	Veeva Systems	0.05	USA	Yum Brands	0.06	USA
Thermo Fisher Scientific	0.35	USA	Ventas Inc	0.03	USA	Zalando SE	0.01	GERMANY
THK	<0.005	JAPAN	Venture Corp	<0.005	SINGAPORE	Zebra Technologies	0.02	USA
Thomson Reuters	0.04	CANADA	Veolia Environnement	0.03	FRANCE	Zenkoku Hoshō	<0.005	JAPAN
Thyssen Krupp	0.01	GERMANY	Veralto Corporation	0.03	USA	Zensho Holdings	0.01	JAPAN
TIS	0.01	JAPAN	Verbund Oesterreich Elektrizitäts	0.01	AUSTRIA	Zeon Corporation	<0.005	JAPAN
TJX Companies	0.18	USA	VeriSign Inc	0.03	USA	Zillow Group	0.01	USA
T-Mobile US Inc.	0.14	USA	Verisk Analytics	0.06	USA	Zillow Group CL C	0.02	USA
Tobu Railway	0.01	JAPAN	Verizon Communications	0.27	USA	Zimmer Biomet Holdings	0.04	USA
Toda Corp	<0.005	JAPAN	Vertex Pharm	0.18	USA	Zoetis	0.16	USA
Toei Animation	<0.005	JAPAN	Vestas Wind Systems	0.05	DENMARK	Zoom Video Communications	0.03	USA
Toho	0.01	JAPAN	Vestis Corporation	<0.005	USA	ZoomInfo Technologies	0.01	USA
Toho Gas	<0.005	JAPAN	VF Corp	0.01	USA	ZOZO Inc	<0.005	JAPAN
Tohoku Elec Power	0.01	JAPAN	Viatis	0.02	USA	Zscaler	0.03	USA
Tokai Carbon	<0.005	JAPAN	VICI Properties	0.06	USA	Zurich Insurance Group	0.13	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.

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Data definitions available from lseg.com/ftse-russell

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