



FTSE RAFI US 1000

20 May 2025

Indicative Index Weight Data as at Closing on 31 March 2025

Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market
3M Company	0.25	UNITED STATES	Aon plc	0.07	UNITED STATES	Booking Holdings	0.07	UNITED STATES
Abbott Laboratories	0.36	UNITED STATES	APA Corporation	0.06	UNITED STATES	Booz Allen Hamilton	0.03	UNITED STATES
AbbVie Inc	0.73	UNITED STATES	API Group Corp	0.02	UNITED STATES	BorgWarner	0.05	UNITED STATES
ABM Industries Inc	0.02	UNITED STATES	Apollo Global Management Inc	0.08	UNITED STATES	Boston Scientific Corp	0.11	UNITED STATES
Academy Sports and Outdoors Inc	0.02	UNITED STATES	Apple Hospitality REIT	0.01	UNITED STATES	Boyd Gaming	0.01	UNITED STATES
Acadia Healthcare	0.01	UNITED STATES	Apple Inc.	1.93	UNITED STATES	Bread Financial Holding Inc	0.03	UNITED STATES
Accenture CI A	0.28	UNITED STATES	Applied Industrial Technology	0.01	UNITED STATES	Brighthouse Financial	0.02	UNITED STATES
Acuity Inc	0.01	UNITED STATES	Applied Materials	0.14	UNITED STATES	Brinks Co	0.01	UNITED STATES
Adient plc	0.02	UNITED STATES	Aptargroup	0.02	UNITED STATES	Bristol Myers Squibb	0.48	UNITED STATES
Adobe	0.13	UNITED STATES	Aptiv PLC	0.06	UNITED STATES	Brixmor Property Group	0.02	UNITED STATES
ADT Inc	0.02	UNITED STATES	Aramark	0.03	UNITED STATES	Broadcom	0.4	UNITED STATES
Advance Auto Parts	0.03	UNITED STATES	Arbor Realty Trust	0.02	UNITED STATES	Broadridge Financial Solutions	0.03	UNITED STATES
Advanced Drainage Systems	0.01	UNITED STATES	Arch Capital Gp	0.1	UNITED STATES	Broadstone Net Lease Inc (A)	0.01	UNITED STATES
Advanced Micro Dev	0.22	UNITED STATES	Archer Daniels Midland	0.16	UNITED STATES	Brown & Brown	0.03	UNITED STATES
AECOM	0.03	UNITED STATES	Ares Management Corporation	0.02	UNITED STATES	Brown-Forman B	0.02	UNITED STATES
AerCap Holdings N.V.	0.09	UNITED STATES	Arista Networks	0.03	UNITED STATES	Brunswick Corp	0.02	UNITED STATES
AES Corp.	0.08	UNITED STATES	Arrow Electronics	0.05	UNITED STATES	Builders FirstSource Inc.	0.06	UNITED STATES
Affiliated Managers Group	0.02	UNITED STATES	Arthur J Gallagher	0.08	UNITED STATES	Bunge Global SA	0.14	UNITED STATES
Aflac	0.17	UNITED STATES	Asbury Automotive Group Inc	0.03	UNITED STATES	Burlington Stores	0.03	UNITED STATES
AGCO Corp	0.04	UNITED STATES	ASGN Incorporated	0.02	UNITED STATES	BWX Technologies	0.01	UNITED STATES
Agilent Technologies	0.04	UNITED STATES	Ashland Inc	0.02	UNITED STATES	BXP Inc	0.06	UNITED STATES
AGNC Investment	0.03	UNITED STATES	Associated Banc-Corp	0.02	UNITED STATES	C.H. Robinson Worldwide	0.05	UNITED STATES
Agree Realty	0.02	UNITED STATES	Assurant	0.04	UNITED STATES	Cable One	0.01	UNITED STATES
Air Lease	0.03	UNITED STATES	Assured Guaranty	0.02	UNITED STATES	Cabot Corp	0.02	UNITED STATES
Air Products & Chemicals Inc	0.13	UNITED STATES	AT&T	1.04	UNITED STATES	CACI Inc CI A	0.03	UNITED STATES
Airbnb (A)	0.02	UNITED STATES	ATI Inc	0.01	UNITED STATES	Cadence Bank	0.02	UNITED STATES
Akamai Technologies	0.04	UNITED STATES	Atkore Inc	0.02	UNITED STATES	Cadence Design Systems	0.03	UNITED STATES
Albemarle	0.04	UNITED STATES	Atlantic Union Bankshares	0.01	UNITED STATES	Caesars Entertainment Inc	0.04	UNITED STATES
Albertsons Companies Inc	0.14	UNITED STATES	Atmos Energy	0.06	UNITED STATES	California Resources	0.01	UNITED STATES
Alcoa Corporation	0.03	UNITED STATES	Autodesk	0.02	UNITED STATES	Camden Property	0.03	UNITED STATES
Alexandria Real Estate Equity	0.08	UNITED STATES	Autoliv	0.03	UNITED STATES	Capital One Financial	0.33	UNITED STATES
Alight Inc (A)	0.02	UNITED STATES	Automatic Data Process	0.14	UNITED STATES	Capri Holdings Limited	0.03	UNITED STATES
Align Technology Inc	0.02	UNITED STATES	Autonation	0.04	UNITED STATES	Cardinal Health	0.31	UNITED STATES
Allegion PLC	0.02	UNITED STATES	Autozone	0.08	UNITED STATES	Carlisle Cos Inc	0.03	UNITED STATES
Allete	0.02	UNITED STATES	Avalonbay Communities	0.07	UNITED STATES	Carlyle Group Inc	0.03	UNITED STATES
Alliant Energy	0.05	UNITED STATES	Avantor	0.04	UNITED STATES	Carmax Inc	0.07	UNITED STATES
Allison Transmission Holdings	0.02	UNITED STATES	Avery Dennison Corp	0.04	UNITED STATES	Carnival Corp A	0.04	UNITED STATES
Allstate Corp	0.21	UNITED STATES	Avient Corp	0.01	UNITED STATES	Carrier Global Corporation	0.08	UNITED STATES
Ally Financial	0.09	UNITED STATES	Avis Budget Group	0.02	UNITED STATES	Carsters	0.01	UNITED STATES
Alpha Metallurgical Resources Inc	0.01	UNITED STATES	Avista Corp	0.02	UNITED STATES	Caseys General Stores	0.04	UNITED STATES
Alphabet Class A	0.92	UNITED STATES	Avnet	0.03	UNITED STATES	Caterpillar	0.33	UNITED STATES
Alphabet Class C	0.76	UNITED STATES	Axalta Coating Systems	0.02	UNITED STATES	Cathay Bancorp	0.01	UNITED STATES
Altria Group	0.44	UNITED STATES	Axis Capital Holdings	0.03	UNITED STATES	Cboe Global Markets	0.03	UNITED STATES
Amazon.Com	1.65	UNITED STATES	Baker Hughes Company	0.12	UNITED STATES	CBRE Group	0.1	UNITED STATES
Amcor CDI	0.07	UNITED STATES	Ball Corp	0.06	UNITED STATES	CDW	0.05	UNITED STATES
Amdocs	0.03	UNITED STATES	Bank of America	1.09	UNITED STATES	Celanese	0.06	UNITED STATES
Ameren Corp	0.08	UNITED STATES	Bank of New York Mellon	0.21	UNITED STATES	Cencora Inc	0.37	UNITED STATES
American Airlines Group	0.01	UNITED STATES	Bank OZK	0.02	UNITED STATES	Centene Corp	0.39	UNITED STATES
American Eagle Outfitters	0.01	UNITED STATES	BankUnited	0.01	UNITED STATES	CenterPoint Energy	0.08	UNITED STATES
American Elec Power Com	0.21	UNITED STATES	Bath & Body Works Inc	0.03	UNITED STATES	Century Communities	0.01	UNITED STATES
American Express Com	0.23	UNITED STATES	Baxter Intl	0.09	UNITED STATES	CF Industries Holdings	0.06	UNITED STATES
American Finance Group Hldg.	0.05	UNITED STATES	Beacon Roofing Supply	0.03	UNITED STATES	ChampionX Corporation	0.01	UNITED STATES
American Homes 4 Rent	0.03	UNITED STATES	Becton Dickinson	0.17	UNITED STATES	Charles River Laboratories	0.02	UNITED STATES
American Intl Group	0.36	UNITED STATES	Berkley W R	0.05	UNITED STATES	Chart Industries Inc.	0.01	UNITED STATES
American Tower Corp	0.19	UNITED STATES	Berkshire Hathaway B	1.8	UNITED STATES	Charter Communications Inc. CI A	0.22	UNITED STATES
American Water Works Company	0.07	UNITED STATES	Berkshire Hathaway -CL A	0.69	UNITED STATES	Check Point Software	0.02	UNITED STATES
Americold Realty Trust Inc	0.02	UNITED STATES	Berry Global Group	0.04	UNITED STATES	Chemours Company	0.02	UNITED STATES
Ameriprise Financial	0.08	UNITED STATES	Best Buy Company	0.11	UNITED STATES	Cheniere Energy	0.1	UNITED STATES
Ameris Bancorp	0.01	UNITED STATES	Biogen	0.12	UNITED STATES	Chevron	1.34	UNITED STATES
Ametek Inc	0.05	UNITED STATES	BioMarin Pharm	0.02	UNITED STATES	Chipotle Mexican Grill	0.04	UNITED STATES
Amgen Corp	0.35	UNITED STATES	Bio-Rad Labs A	0.02	UNITED STATES	Chord Energy Corp	0.04	UNITED STATES
Amkor Tech Inc	0.01	UNITED STATES	BJ'S Wholesale Club Holdings	0.04	UNITED STATES	Chubb Ltd	0.34	UNITED STATES
AMN Healthcare Services Inc	0.01	UNITED STATES	Black Hills Corp	0.02	UNITED STATES	Church & Dwight	0.04	UNITED STATES
Amphenol Corp A	0.07	UNITED STATES	Blackrock Inc	0.29	UNITED STATES	Ciena	0.02	UNITED STATES
Analog Devices	0.15	UNITED STATES	Blackstone Inc	0.11	UNITED STATES	Cincinnati Fin Cp	0.08	UNITED STATES
Andersons Inc	0.01	UNITED STATES	Blackstone Mortgage Trust	0.03	UNITED STATES	Cintas Corp	0.05	UNITED STATES
Annaly Capital Management	0.07	UNITED STATES	Block (H & R) NPV	0.02	UNITED STATES	Cirrus Logic	0.01	UNITED STATES
ANSYS Inc	0.03	UNITED STATES	Block Inc (A)	0.07	UNITED STATES	Cisco Systems	0.58	UNITED STATES
Antero Midstream Corp	0.02	UNITED STATES	Boeing	0.15	UNITED STATES	Citigroup	0.94	UNITED STATES
Antero Resources	0.05	UNITED STATES	Boise Cascade Company	0.03	UNITED STATES	Citizens Financial Group	0.11	UNITED STATES

Constituent	Index weight (%)	Country/Market
Civitas Resources Inc	0.02	UNITED STATES
Clarivate Plc (A)	0.01	UNITED STATES
Clean Harbors	0.02	UNITED STATES
Cleanway Energy	<0.005	UNITED STATES
Cleanway Energy (C)	0.01	UNITED STATES
Cleveland-Cliffs	0.04	UNITED STATES
Clorox	0.04	UNITED STATES
CME Group	0.2	UNITED STATES
CMS Energy Corp	0.07	UNITED STATES
CNH Industrial N.V.	0.07	UNITED STATES
CNO Financial Group	0.02	UNITED STATES
CNX Resources	0.03	UNITED STATES
Coca-Cola	0.51	UNITED STATES
Coca-Cola Consolidated	0.01	UNITED STATES
Cognizant Tech Solutions	0.1	UNITED STATES
Coherent Corp	0.01	UNITED STATES
Coinbase Global Inc (A)	0.02	UNITED STATES
Colgate Palmolive Co	0.15	UNITED STATES
Columbia Banking System	0.02	UNITED STATES
Comcast A	0.86	UNITED STATES
Comerica	0.04	UNITED STATES
Commerce Bancshares	0.02	UNITED STATES
Commercial Metals	0.03	UNITED STATES
CommScope Holding Company	0.03	UNITED STATES
ConAgra Brands Inc	0.08	UNITED STATES
Concentrix	0.02	UNITED STATES
ConocoPhillips	0.53	UNITED STATES
Cons Edison Holding	0.17	UNITED STATES
Constellation Brands Inc	0.08	UNITED STATES
Constellation Energy Corp	0.07	UNITED STATES
Constellation SE	0.01	UNITED STATES
Cooper Cos Inc	0.03	UNITED STATES
Copart Inc	0.03	UNITED STATES
COPT Defense Properties	0.01	UNITED STATES
Core & Main Inc (A)	0.02	UNITED STATES
Corebridge Financial Inc	0.06	UNITED STATES
Corning	0.09	UNITED STATES
Corpay Inc	0.03	UNITED STATES
Corteva	0.12	UNITED STATES
CoStar Group	0.03	UNITED STATES
Costco Wholesale Corp	0.49	UNITED STATES
Coterra Energy Inc	0.09	UNITED STATES
Coty	0.01	UNITED STATES
Coupage Inc (A)	0.03	UNITED STATES
Cousins Property	0.02	UNITED STATES
Cracker Barrel Old Country Store	0.01	UNITED STATES
Crane Company	0.01	UNITED STATES
Credicorp	0.06	UNITED STATES
CRH PLC	0.15	UNITED STATES
Crocs	0.02	UNITED STATES
Crown Castle Inc	0.16	UNITED STATES
Crown Holdings	0.04	UNITED STATES
CSX Corp	0.13	UNITED STATES
CubeSmart	0.02	UNITED STATES
Cullen Frost Bankers	0.02	UNITED STATES
Cummins	0.11	UNITED STATES
Curtiss Wright	0.02	UNITED STATES
Cushman & Wakefield	0.02	UNITED STATES
CVS Health Corporation	0.91	UNITED STATES
D.R. Horton Inc	0.13	UNITED STATES
Dana	0.02	UNITED STATES
Danaher Corp	0.2	UNITED STATES
Darden Restaurants	0.06	UNITED STATES
Darling Ingredients	0.03	UNITED STATES
DaVita	0.03	UNITED STATES
Deckers Outdoor	0.02	UNITED STATES
Deere & Co	0.24	UNITED STATES
Delek US Holdings	0.02	UNITED STATES
Dell Technologies	0.06	UNITED STATES
Delta Air Lines	0.02	UNITED STATES
DENTSPLY SIRONA	0.02	UNITED STATES
Devon Energy	0.16	UNITED STATES
DexCom	0.01	UNITED STATES
Diamondback Energy	0.07	UNITED STATES
Dick's Sporting Goods Inc	0.03	UNITED STATES
Digital Realty Trust	0.11	UNITED STATES
Diodes Inc	0.01	UNITED STATES
Discover Financial Services	0.13	UNITED STATES
Disney (Walt) Company	0.42	UNITED STATES
Dollar General	0.13	UNITED STATES
Dollar Tree	0.1	UNITED STATES
Dominion Energy	0.24	UNITED STATES
Dominos Pizza	0.02	UNITED STATES
Donaldson Co Inc	0.02	UNITED STATES
DoorDash Inc	0.02	UNITED STATES
Douglas Emmett	0.02	UNITED STATES
Dover Corp	0.04	UNITED STATES
Dow Inc	0.24	UNITED STATES
DT Midstream Inc	0.02	UNITED STATES
DTE Energy	0.11	UNITED STATES
Duke Energy Corp	0.4	UNITED STATES
DuPont de Nemours	0.18	UNITED STATES
DXC Technology Company	0.02	UNITED STATES
Dycom Inds Inc	0.01	UNITED STATES
East West Bancorp	0.04	UNITED STATES
Eastgroup Properties	0.01	UNITED STATES
Eastman Chemical	0.05	UNITED STATES
Eaton Corp PLC	0.15	UNITED STATES
Ebay	0.08	UNITED STATES
EchoStar	0.03	UNITED STATES

Constituent	Index weight (%)	Country/Market
Ecolab	0.08	UNITED STATES
Edison International	0.16	UNITED STATES
Edwards Lifesciences	0.05	UNITED STATES
Elanco Animal Health	0.03	UNITED STATES
Electronic Arts	0.05	UNITED STATES
Element Solutions	0.01	UNITED STATES
Elevance Health Inc	0.5	UNITED STATES
EMCOR Group	0.03	UNITED STATES
Emerson Electric	0.14	UNITED STATES
Encompass Health	0.02	UNITED STATES
Energizer Holdings	0.01	UNITED STATES
EnerSys	0.01	UNITED STATES
Enovis Corporation	0.01	UNITED STATES
Enstar Group	0.02	UNITED STATES
Entegris Inc	0.02	UNITED STATES
Entergy Corp	0.12	UNITED STATES
Envista Holdings	0.02	UNITED STATES
EOG Resources	0.28	UNITED STATES
Epam Systems	0.02	UNITED STATES
EPR Properties	0.02	UNITED STATES
EQT Corporation	0.08	UNITED STATES
Equifax	0.04	UNITED STATES
Equinix Inc	0.09	UNITED STATES
Equitable Holdings	0.04	UNITED STATES
Equity Lifestyle Properties	0.02	UNITED STATES
Equity Residential	0.08	UNITED STATES
Essent Group	0.02	UNITED STATES
Essential Utilities Inc	0.03	UNITED STATES
Essex Prop Trust	0.04	UNITED STATES
Euronet Worldwide	0.02	UNITED STATES
Evercore	0.01	UNITED STATES
Everest Group Ltd	0.07	UNITED STATES
Evergy	0.07	UNITED STATES
Eversource Energy	0.11	UNITED STATES
Exact Sciences	0.01	UNITED STATES
Exelon Corporation	0.21	UNITED STATES
Expand Energy Corp	0.09	UNITED STATES
Expedia Group	0.03	UNITED STATES
Expeditors Intl Washington	0.05	UNITED STATES
Extra Space Storage	0.06	UNITED STATES
Exxon Mobil Corporation	1.94	UNITED STATES
F.N.B. Corporation	0.03	UNITED STATES
F5 Inc	0.02	UNITED STATES
Factset Research Systems	0.02	UNITED STATES
Fastenal Co	0.07	UNITED STATES
Federal Realty Invs	0.02	UNITED STATES
Fedex Corporation	0.28	UNITED STATES
Ferguson Enterprises	0.09	UNITED STATES
Fidelity Natl Information Services	0.15	UNITED STATES
Fifth Third Bancorp	0.11	UNITED STATES
First American Financial	0.04	UNITED STATES
First Citizens BancSh A	0.06	UNITED STATES
First Financial Bancorp	0.01	UNITED STATES
First Hawaiian	0.02	UNITED STATES
First Horizon Corporation	0.04	UNITED STATES
First Industrial Realty Trust	0.01	UNITED STATES
First Interstate Bancsystem	0.01	UNITED STATES
First Solar Inc	0.03	UNITED STATES
FirstEnergy Corp.	0.1	UNITED STATES
Fiserv Inc	0.17	UNITED STATES
Five Below	0.01	UNITED STATES
Flagstar Financial Inc	0.03	UNITED STATES
Flex	0.06	UNITED STATES
Floor & Decor Holdings	0.01	UNITED STATES
Flowers Foods Inc	0.02	UNITED STATES
Flowserve Cp	0.02	UNITED STATES
Fluor Corporation	0.03	UNITED STATES
Flutter Entertainment	0.04	UNITED STATES
FMC Corp	0.04	UNITED STATES
FNF Group	0.07	UNITED STATES
Foot Locker Inc	0.02	UNITED STATES
Ford Motor Company	0.63	UNITED STATES
Fortinet	0.01	UNITED STATES
Fortive	0.04	UNITED STATES
Fortrea	0.01	UNITED STATES
Fotrone Brands Innovations Inc	0.02	UNITED STATES
Fox Corporation	0.02	UNITED STATES
Fox Corporation	0.04	UNITED STATES
Franklin Resources	0.04	UNITED STATES
Freepoint-McMoRan	0.15	UNITED STATES
Frontier Communications Parent Inc	0.06	UNITED STATES
FTI Consulting	0.02	UNITED STATES
Fuller H B Co	0.01	UNITED STATES
Fulton Financial Corp	0.01	UNITED STATES
Gaming & Leisure Properties	0.03	UNITED STATES
Gap	0.02	UNITED STATES
Garmin Ltd	0.04	UNITED STATES
Garther	0.02	UNITED STATES
Gates Industrial	0.02	UNITED STATES
GATX Corp	0.02	UNITED STATES
GE Aerospace	0.19	UNITED STATES
GE Healthcare Technologies	0.06	UNITED STATES
GE Vernova	0.09	UNITED STATES
Gen Digital Inc	0.05	UNITED STATES
Generac Holdings	0.02	UNITED STATES
General Dynamics Corp	0.23	UNITED STATES
General Mills	0.14	UNITED STATES
General Motors	0.6	UNITED STATES
Genpact	0.02	UNITED STATES
Gentex Corp	0.02	UNITED STATES

Constituent	Index weight (%)	Country/Market
Genuine Parts	0.07	UNITED STATES
Genworth Financial Class A	0.03	UNITED STATES
Geo Group	0.02	UNITED STATES
Gilead Sciences	0.36	UNITED STATES
Glacier Bancorp	0.02	UNITED STATES
Global Payments Inc	0.09	UNITED STATES
Globe Life	0.03	UNITED STATES
Globus Medical	0.01	UNITED STATES
GoDaddy	0.02	UNITED STATES
Goldman Sachs Group	0.53	UNITED STATES
Goodyear Tire & Rubber	0.05	UNITED STATES
Grab Holdings Limited (A)	0.01	UNITED STATES
Graco Inc	0.02	UNITED STATES
Graham Holdings	0.01	UNITED STATES
Grainger (W W)	0.05	UNITED STATES
Graphic Packaging Holding	0.03	UNITED STATES
Greif Inc A	0.01	UNITED STATES
Group 1 Auto	0.03	UNITED STATES
GXO Logistics Inc	0.03	UNITED STATES
Gypsum Management and Supply	0.02	UNITED STATES
Halliburton	0.1	UNITED STATES
Hancock Whitney	0.02	UNITED STATES
Hanesbrands	0.02	UNITED STATES
Hanover Insurance Gp	0.03	UNITED STATES
Harley-Davidson	0.02	UNITED STATES
Hasbro	0.04	UNITED STATES
Hawaiian Electric	0.02	UNITED STATES
HCA Healthcare	0.17	UNITED STATES
Healthcare Realty Trust Inc	0.03	UNITED STATES
Healthpeak Properties Inc	0.05	UNITED STATES
Heico Cl A	0.01	UNITED STATES
Heico Corp	0.01	UNITED STATES
Helen Of Troy Ltd	0.01	UNITED STATES
Helmerich & Payne	0.02	UNITED STATES
Henry (Jack) & Associates	0.02	UNITED STATES
Henry Schein	0.04	UNITED STATES
Herbalife Ltd	0.01	UNITED STATES
Herc Holding	0.01	UNITED STATES
Hershey Company	0.05	UNITED STATES
Hertz Global Holdings Inc	0.02	UNITED STATES
Hess Corp.	0.08	UNITED STATES
Hewlett Packard Enterprise	0.12	UNITED STATES
HF Sinclair Corporation	0.06	UNITED STATES
Highwoods Prop	0.02	UNITED STATES
Hillenbrand	0.01	UNITED STATES
Hilton Grand Vacations	0.01	UNITED STATES
Hilton Worldwide	0.02	UNITED STATES
Hologic Inc	0.04	UNITED STATES
Home BancShares	0.02	UNITED STATES
Home Depot	0.73	UNITED STATES
Honeywell International Incorporation	0.28	UNITED STATES
Hormel Foods	0.04	UNITED STATES
Host Hotels & Resorts	0.04	UNITED STATES
Howmet Aerospace Inc	0.03	UNITED STATES
HP	0.15	UNITED STATES
Hub Group A	0.02	UNITED STATES
Hubbell	0.03	UNITED STATES
Humana	0.24	UNITED STATES
Hunt (JB) Transport Services	0.03	UNITED STATES
Huntington Bancshares	0.1	UNITED STATES
Huntington Ingalls Industries	0.05	UNITED STATES
Huntsman	0.03	UNITED STATES
IAC Inc	0.02	UNITED STATES
Icon PLC	0.04	UNITED STATES
Idacorp Inc	0.02	UNITED STATES
IDEX Corp	0.02	UNITED STATES
Idexx Labs	0.02	UNITED STATES
Illinois Tool Wks	0.12	UNITED STATES
Illumina Inc	0.03	UNITED STATES
Incyte	0.02	UNITED STATES
Independence Realty Trust	0.01	UNITED STATES
Independent Bank Mass	0.01	UNITED STATES
Ingersoll-Rand Inc	0.04	UNITED STATES
Ingredion	0.04	UNITED STATES
Insight Enterprises	0.02	UNITED STATES
Insperty	0.01	UNITED STATES
Intel Corp	0.75	UNITED STATES
Intercontinental Exchange	0.14	UNITED STATES
International Bus Machns.	0.49	UNITED STATES
International Game Technology PLC	0.01	UNITED STATES
International Paper	0.1	UNITED STATES
Interpublic Group Cos	0.06	UNITED STATES
Intl Flavours & Fragrances	0.08	UNITED STATES
Intuit	0.11	UNITED STATES
Intuitive Surgical	0.06	UNITED STATES
Invesco Limited	0.04	UNITED STATES
Invitation Homes	0.06	UNITED STATES
IQVIA Holdings	0.07	UNITED STATES
Iron Mountain	0.05	UNITED STATES
ITT Inc.	0.02	UNITED STATES
J M Smucker	0.07	UNITED STATES
Jabil	0.06	UNITED STATES
Jackson Financial	0.05	UNITED STATES
Jacobs Solutions Inc	0.04	UNITED STATES
Janus Henderson Group	0.02	UNITED STATES
Jazz Pharmaceuticals	0.03	UNITED STATES
Jefferies Financial Group	0.03	UNITED STATES
Johnson & Johnson	1.04	UNITED STATES
Johnson Controls International PLC	0.13	UNITED STATES
Jones Lang Lasalle	0.04	UNITED STATES

Constituent	Index weight (%)	Country/Market
JPMorgan Chase & Co	1.84	UNITED STATES
Juniper Networks	0.04	UNITED STATES
KB Home	0.02	UNITED STATES
KBR	0.02	UNITED STATES
Kellanova	0.06	UNITED STATES
Kemper Corp	0.02	UNITED STATES
Kenvue Inc	0.09	UNITED STATES
Keurig Dr Pepper	0.12	UNITED STATES
Keycorp	0.08	UNITED STATES
Keysight Technologies	0.03	UNITED STATES
Kilroy Realty	0.03	UNITED STATES
Kimberly-Clark	0.14	UNITED STATES
Kimco Realty Cp	0.04	UNITED STATES
Kinder Morgan	0.24	UNITED STATES
Kirby Corp	0.02	UNITED STATES
Kite Realty Group Trust	0.02	UNITED STATES
KKR & Co Inc	0.08	UNITED STATES
KLA Corporation	0.07	UNITED STATES
Knife River Corporation	0.01	UNITED STATES
Knight-Swift Transportation Holdings	0.03	UNITED STATES
Kohl's Corp	0.04	UNITED STATES
Kraft Heinz	0.2	UNITED STATES
Kroger	0.31	UNITED STATES
Kyndryl Holdings Inc	0.05	UNITED STATES
L3Harris Technologies	0.13	UNITED STATES
Labcorp Holdings Inc	0.06	UNITED STATES
Lam Research	0.1	UNITED STATES
Lamar Advertising	0.02	UNITED STATES
Lamb Weston Holdings	0.03	UNITED STATES
Landstar Sys	0.02	UNITED STATES
Las Vegas Sands	0.03	UNITED STATES
Lauder (Estee)	0.06	UNITED STATES
Lazard Inc	0.02	UNITED STATES
LCI Industries	0.01	UNITED STATES
Lear Corp	0.06	UNITED STATES
Leggett & Platt	0.02	UNITED STATES
Leidos Holdings	0.05	UNITED STATES
Lennar Class A	0.13	UNITED STATES
Lennar Corp. Cl B	0.01	UNITED STATES
Lennox Int'l Inc	0.02	UNITED STATES
LGI Homes	0.01	UNITED STATES
Liberty Broadband Series A	<0.005	UNITED STATES
Liberty Broadband Series C	0.02	UNITED STATES
Liberty Energy Inc (A)	0.01	UNITED STATES
Liberty Formula One Series A	<0.005	UNITED STATES
Liberty Formula One Series C	0.02	UNITED STATES
Liberty Global Ltd	0.03	UNITED STATES
Liberty Global Ltd	0.03	UNITED STATES
Light & Wonder Inc	0.02	UNITED STATES
Lilly (Eli) & Co	0.23	UNITED STATES
Lincoln Electric Holdings	0.02	UNITED STATES
Lincoln National Corp	0.05	UNITED STATES
Linde plc	0.32	UNITED STATES
Lions Gate Entertainment Class A	<0.005	UNITED STATES
Lions Gate Entertainment Class B	0.01	UNITED STATES
Lithia Motors	0.05	UNITED STATES
Littelfuse	0.01	UNITED STATES
Live Nation Entertainment	0.02	UNITED STATES
LKQ	0.05	UNITED STATES
Lockheed Martin Corp	0.3	UNITED STATES
Loew's	0.07	UNITED STATES
Louisiana-Pacific	0.02	UNITED STATES
Lowes Cos Inc	0.34	UNITED STATES
LPL Financial Holdings	0.03	UNITED STATES
lululemon athletica inc.	0.03	UNITED STATES
Lumen Technologies Inc	0.06	UNITED STATES
LXP Industrial Trust	0.01	UNITED STATES
LyondellBasell Industries Cl A	0.16	UNITED STATES
M&T Bank	0.12	UNITED STATES
M/I Homes	0.02	UNITED STATES
Macerich	0.02	UNITED STATES
Macys	0.06	UNITED STATES
ManpowerGroup	0.05	UNITED STATES
Marathon Petroleum	0.4	UNITED STATES
Markel Group Inc	0.09	UNITED STATES
Marriott International	0.03	UNITED STATES
Marriott Vacations Worldwide	0.01	UNITED STATES
Marsh & McLennan	0.16	UNITED STATES
Martin Marietta Materials Inc	0.04	UNITED STATES
Marvell Technology	0.03	UNITED STATES
Masco Corp	0.03	UNITED STATES
Mastec Inc	0.03	UNITED STATES
MasterBrand Inc	0.01	UNITED STATES
Mastercard CL A	0.19	UNITED STATES
Matador Resources	0.02	UNITED STATES
Match Group	0.02	UNITED STATES
Mattel	0.02	UNITED STATES
Maximus	0.02	UNITED STATES
McCormick & Co	0.04	UNITED STATES
McDonalds Corp	0.32	UNITED STATES
McKesson	0.52	UNITED STATES
MDU Resources	0.01	UNITED STATES
Medical Properties Trust	0.05	UNITED STATES
Medtronic plc	0.38	UNITED STATES
MercadoLibre Inc.	0.03	UNITED STATES
Merck & Co	0.62	UNITED STATES
Meritage Homes	0.02	UNITED STATES
Meta Platforms Inc	0.9	UNITED STATES
Mettlife	0.25	UNITED STATES
Mettler-Toledo	0.02	UNITED STATES

Constituent	Index weight (%)	Country/Market
MGIC Investment	0.02	UNITED STATES
MGM Resorts International	0.03	UNITED STATES
Microchip Technology	0.06	UNITED STATES
Micron Technology	0.21	UNITED STATES
Microsoft Corp	2.03	UNITED STATES
Mid-America Apartment Comm	0.05	UNITED STATES
Middleby	0.02	UNITED STATES
MillerKnoll Inc	0.01	UNITED STATES
MKS Instruments	0.01	UNITED STATES
Moderna	0.08	UNITED STATES
Moelis & Company	0.01	UNITED STATES
Mohawk Industries	0.05	UNITED STATES
Molina Healthcare	0.09	UNITED STATES
Molson Coors Beverage Company	0.06	UNITED STATES
Mondelez International Inc.	0.25	UNITED STATES
Monolithic Power Systems	0.01	UNITED STATES
Monster Beverage	0.05	UNITED STATES
Moodys Corporation	0.05	UNITED STATES
Morgan Stanley	0.4	UNITED STATES
Mosaic Company	0.09	UNITED STATES
Motorola Solutions	0.06	UNITED STATES
Mr. Cooper Group	0.02	UNITED STATES
MSC Industrial A	0.02	UNITED STATES
MSCI	0.03	UNITED STATES
Mueller Inds	0.02	UNITED STATES
Murphy Oil Corp	0.03	UNITED STATES
Murphy USA	0.03	UNITED STATES
Nasdaq	0.04	UNITED STATES
Natl Fuel Gas Co	0.03	UNITED STATES
Navient Corp	0.01	UNITED STATES
NCR Atleos Corporation	0.01	UNITED STATES
NCR Voyix Corp	0.01	UNITED STATES
NetApp	0.03	UNITED STATES
Netflix Inc	0.27	UNITED STATES
Neurocrine Biosciences	0.01	UNITED STATES
New Jersey Res	0.02	UNITED STATES
Newell Brands	0.05	UNITED STATES
Newmont Corporation	0.19	UNITED STATES
News Corporation Cl A	0.03	UNITED STATES
News Corporation Cl B	0.01	UNITED STATES
Nexstar Media Group Inc.	0.04	UNITED STATES
NextEra Energy Inc	0.36	UNITED STATES
Nike Inc Cl B	0.16	UNITED STATES
Nisource	0.06	UNITED STATES
NNN REIT Inc	0.02	UNITED STATES
Nordson Cp	0.02	UNITED STATES
Nordstrom	0.02	UNITED STATES
Norfolk Sthn Corp	0.14	UNITED STATES
Northern Oil And Gas	0.01	UNITED STATES
Northern Trust	0.07	UNITED STATES
Northrop Grumman Corp	0.19	UNITED STATES
NorthWestern Energy Group Inc	0.02	UNITED STATES
NOV Inc	0.03	UNITED STATES
NRG Energy	0.07	UNITED STATES
Nu Holdings Ltd	0.02	UNITED STATES
Nucor Corp	0.16	UNITED STATES
nVent Electric plc	0.02	UNITED STATES
Nvidia	0.21	UNITED STATES
NVR Inc	0.05	UNITED STATES
NXP Semiconductors	0.08	UNITED STATES
O'Reilly Auto	0.07	UNITED STATES
Occidental Petroleum	0.17	UNITED STATES
OGE Energy	0.04	UNITED STATES
O-I Glass Inc	0.02	UNITED STATES
Okta	0.02	UNITED STATES
Old Dominion Freight Line	0.03	UNITED STATES
Old Natl Bncp	0.02	UNITED STATES
Old Republic Intl	0.06	UNITED STATES
Olin Corp	0.03	UNITED STATES
Omega Healthcare Investors	0.03	UNITED STATES
Omnicom Group	0.08	UNITED STATES
ON Semiconductor Corp	0.05	UNITED STATES
ONE Gas	0.02	UNITED STATES
OneMain Holdings	0.05	UNITED STATES
ONEOK Inc	0.16	UNITED STATES
Opendoor Technologies Inc (A)	0.01	UNITED STATES
Option Care Health Inc	0.02	UNITED STATES
Oracle Corp.	0.2	UNITED STATES
Organon & Co	0.04	UNITED STATES
Oshkosh	0.03	UNITED STATES
Otis Worldwide Corporation	0.06	UNITED STATES
Outfront Media	0.01	UNITED STATES
Ovintiv Inc	0.08	UNITED STATES
Owens Corning	0.04	UNITED STATES
Paccar	0.15	UNITED STATES
Pacific Premier Bancorp Inc	0.01	UNITED STATES
Packaging Corp of America	0.05	UNITED STATES
PagSeguro Digital Ltd	0.01	UNITED STATES
Palo Alto Networks	0.02	UNITED STATES
Par Pacific Holdings	0.02	UNITED STATES
Paramount Global (B)	0.11	UNITED STATES
Park Hotels & Resorts	0.02	UNITED STATES
Parker-Hannifin	0.09	UNITED STATES
Patterson Cos	0.02	UNITED STATES
Patterson-UTI Energy	0.02	UNITED STATES
Paychex	0.07	UNITED STATES
PayPal Holdings	0.15	UNITED STATES
PBF Energy	0.06	UNITED STATES
Peabody Energy Corp	0.02	UNITED STATES
PENN Entertainment Inc	0.03	UNITED STATES

Constituent	Index weight (%)	Country/Market
PennyMac Mortgage Investment Trust	0.01	UNITED STATES
Penske Automotive Group	0.02	UNITED STATES
Pentair plc	0.02	UNITED STATES
Pepsico	0.55	UNITED STATES
Performance Food Group	0.09	UNITED STATES
Permian Resources Corporation	0.02	UNITED STATES
Perrigo Company plc	0.03	UNITED STATES
Pfizer	0.84	UNITED STATES
PG & E Corp.	0.16	UNITED STATES
Philip Morris International	0.52	UNITED STATES
Phillips 66	0.37	UNITED STATES
Pinnacle Finl	0.02	UNITED STATES
Pinnacle West Capital Corp	0.05	UNITED STATES
Plexus Corp	0.01	UNITED STATES
PNC Financial Services Group	0.28	UNITED STATES
Polaris	0.02	UNITED STATES
Pool	0.02	UNITED STATES
Popular Inc	0.03	UNITED STATES
Portland General Electric	0.02	UNITED STATES
Post Holdings	0.02	UNITED STATES
PotlatchDeltic	0.02	UNITED STATES
PPG Industries	0.08	UNITED STATES
PPL Corporation	0.12	UNITED STATES
Premier Inc	0.01	UNITED STATES
Price (T. Rowe) Group	0.09	UNITED STATES
Primerica	0.02	UNITED STATES
Principal Financial Group	0.09	UNITED STATES
Procter & Gamble	0.76	UNITED STATES
PROG Holdings Inc	0.01	UNITED STATES
Progressive Corp	0.24	UNITED STATES
Prologis	0.22	UNITED STATES
Prosperity Bancshares	0.03	UNITED STATES
Prudential Financial	0.21	UNITED STATES
PTC	0.02	UNITED STATES
Public Storage	0.07	UNITED STATES
Public Svc Enterprise Group	0.12	UNITED STATES
Pulte Group	0.07	UNITED STATES
PVH Corp.	0.03	UNITED STATES
Qorvo Inc.	0.03	UNITED STATES
Qualcomm	0.31	UNITED STATES
Quanta Services	0.05	UNITED STATES
Quest Diagnostics	0.06	UNITED STATES
QuidelOrtho Corporation	0.02	UNITED STATES
Radian Group	0.02	UNITED STATES
Ralph Lauren Corp	0.01	UNITED STATES
Range Resources	0.03	UNITED STATES
Raymond James Financial	0.06	UNITED STATES
Rayonier	0.02	UNITED STATES
Ready Capital Corporation	0.01	UNITED STATES
Realty Income	0.12	UNITED STATES
Regal Rexnord Corporation	0.03	UNITED STATES
Regency Centers	0.04	UNITED STATES
Regeneron Phar	0.14	UNITED STATES
Regions Financial	0.09	UNITED STATES
Reinsurance Group of America	0.06	UNITED STATES
Reliance Inc	0.06	UNITED STATES
RenaissanceRe	0.04	UNITED STATES
Republic Services	0.07	UNITED STATES
Resideo Technologies	0.02	UNITED STATES
Resmed Inc	0.03	UNITED STATES
Revvity Inc	0.03	UNITED STATES
Rexford Industrial Realty	0.02	UNITED STATES
RH	0.01	UNITED STATES
Rithm Capital Corp	0.05	UNITED STATES
Rivian Automotive Inc (A)	0.02	UNITED STATES
RLI Corporation	0.02	UNITED STATES
Robert Half Inc	0.02	UNITED STATES
Robinhood Markets Inc	0.01	UNITED STATES
Rockwell Automation	0.05	UNITED STATES
Roper Technologies	0.08	UNITED STATES
Ross Stores	0.07	UNITED STATES
Royal Caribbean Group	0.03	UNITED STATES
Royal Gold	0.01	UNITED STATES
Royalty Pharma (A)	0.02	UNITED STATES
RPM Inc	0.03	UNITED STATES
RTX Corporation	0.44	UNITED STATES
Rush Enterprises A	0.01	UNITED STATES
RXO Inc	0.01	UNITED STATES
Ryder System	0.04	UNITED STATES
S&P Global	0.16	UNITED STATES
Sabra Health Care REIT	0.02	UNITED STATES
Saia	0.01	UNITED STATES
Salesforce Inc	0.24	UNITED STATES
Sally Beauty	0.01	UNITED STATES
Sanmina Corp	0.02	UNITED STATES
SBA Communications	0.03	UNITED STATES
Schlumberger	0.21	UNITED STATES
Schwab (Charles) Corp	0.19	UNITED STATES
Science Applications International Corporation	0.03	UNITED STATES
Scotts Miracle-Gro	0.01	UNITED STATES
Seagate Technology Holdings PLC	0.05	UNITED STATES
Sealed Air	0.02	UNITED STATES
SEI Invest Co	0.01	UNITED STATES
Selective Insurance Group	0.02	UNITED STATES
Sempra	0.15	UNITED STATES
Sensata Technologies Holding Plc	0.02	UNITED STATES
Service Corp Intl	0.03	UNITED STATES
ServiceNow	0.04	UNITED STATES

Constituent	Index weight (%)	Country/Market
Sherwin-Williams	0.09	UNITED STATES
Signet Jewelers	0.03	UNITED STATES
Silgan Hldg Inc	0.02	UNITED STATES
Simmons First National Corp - Cl A	0.01	UNITED STATES
Simon Property Group	0.1	UNITED STATES
SiriusXM Holdings Inc	0.03	UNITED STATES
SiteOne Landscape Supply	0.01	UNITED STATES
Skechers USA Cl A	0.03	UNITED STATES
Skyworks Solutions Inc	0.05	UNITED STATES
SL Green Realty	0.02	UNITED STATES
SLM Corp	0.02	UNITED STATES
SM Energy	0.02	UNITED STATES
Smith (AO)	0.02	UNITED STATES
Snap-On Inc	0.04	UNITED STATES
Snowflake Inc (A)	0.01	UNITED STATES
SoFi Technologies Inc	0.01	UNITED STATES
SolarEdge Technologies Inc	0.01	UNITED STATES
Solventum Corporation	0.06	UNITED STATES
Somnigroup International Inc	0.01	UNITED STATES
Sonoco Products	0.03	UNITED STATES
Southern Co	0.33	UNITED STATES
Southern Copper Corp.	0.02	UNITED STATES
SouthState Corp	0.02	UNITED STATES
Southwest Airlines	0.02	UNITED STATES
Southwest Gas Holdings	0.02	UNITED STATES
Spectrum Brands Holdings	0.01	UNITED STATES
Spire Inc.	0.02	UNITED STATES
SPOTIFY TECHNOLOGY SA	0.02	UNITED STATES
Sprouts Farmers Market	0.02	UNITED STATES
SS&C Technologies Holdings	0.04	UNITED STATES
STAG Industrial	0.02	UNITED STATES
Stanley Black & Decker	0.07	UNITED STATES
Star Bulk Carriers	0.02	UNITED STATES
Starbucks	0.17	UNITED STATES
Starwood Property Trust Inc.	0.05	UNITED STATES
State Street Corp.	0.13	UNITED STATES
Steel Dynamics	0.07	UNITED STATES
STERIS plc	0.04	UNITED STATES
Stifel Fin Corp	0.02	UNITED STATES
StoneCo	0.02	UNITED STATES
StoneX Group Inc	0.02	UNITED STATES
Stryker	0.14	UNITED STATES
Sun Communities	0.04	UNITED STATES
Sunrun	0.01	UNITED STATES
Super Micro Computer Inc	0.01	UNITED STATES
Synchrony Financial	0.13	UNITED STATES
Synopsis Inc	0.04	UNITED STATES
Synovus Financial Corp	0.03	UNITED STATES
Sysco Corp	0.18	UNITED STATES
Take-Two Interactive Software	0.03	UNITED STATES
Talen Energy Corp	0.02	UNITED STATES
Talos Energy	0.01	UNITED STATES
Tapestry	0.03	UNITED STATES
Targa Resources Corp.	0.07	UNITED STATES
Target Corp	0.28	UNITED STATES
Taylor Morrison Home II Corporation	0.04	UNITED STATES
TD SYNNEX Corp	0.05	UNITED STATES
TE Connectivity plc	0.1	UNITED STATES
TechnipFMC	0.03	UNITED STATES
TEGNA	0.02	UNITED STATES
Teledyne Tech	0.05	UNITED STATES
Teleflex Inc	0.02	UNITED STATES
Telephone & Data Systems	0.03	UNITED STATES
Tenet Healthcare	0.08	UNITED STATES
Teradyne	0.01	UNITED STATES
Terex Corp	0.01	UNITED STATES
Tesla	0.28	UNITED STATES
Texas Capital Bancshares	0.01	UNITED STATES
Texas Instruments	0.28	UNITED STATES
Texas Roadhouse	0.02	UNITED STATES
Textron	0.05	UNITED STATES
The Campbells Company	0.03	UNITED STATES

Constituent	Index weight (%)	Country/Market
The Cigna Group	0.55	UNITED STATES
The Hartford Insurance Group Inc	0.13	UNITED STATES
The ODP Corporation	0.01	UNITED STATES
Thermo Fisher Scientific	0.25	UNITED STATES
Thor Industries	0.03	UNITED STATES
Timken Co	0.02	UNITED STATES
TJX Companies	0.18	UNITED STATES
T-Mobile US Inc.	0.19	UNITED STATES
Toll Brothers	0.04	UNITED STATES
TopBuild	0.02	UNITED STATES
Toro Co	0.02	UNITED STATES
Tractor Supply	0.05	UNITED STATES
Trane Technologies PLC	0.08	UNITED STATES
TransDigm	0.08	UNITED STATES
Transocean	0.04	UNITED STATES
TransUnion	0.02	UNITED STATES
Travel Plus Leisure Co	0.01	UNITED STATES
Travelers Cos Inc.	0.2	UNITED STATES
TreeHouse Foods	0.01	UNITED STATES
Tri Pointe Homes Inc	0.02	UNITED STATES
Trimble	0.03	UNITED STATES
Trinity Inds	0.01	UNITED STATES
Tronox Holdings plc	0.01	UNITED STATES
Truist Financial Corporation	0.3	UNITED STATES
TTM Technologies	0.01	UNITED STATES
Twilio	0.03	UNITED STATES
TXNM Energy Inc	0.02	UNITED STATES
Tyler Technologies	0.01	UNITED STATES
Tyson Foods Inc A	0.15	UNITED STATES
U Haul Holding Company	<0.005	UNITED STATES
U Haul Holding Company	0.02	UNITED STATES
Uber Technologies	0.07	UNITED STATES
UDR	0.04	UNITED STATES
UFP Industries Inc	0.02	UNITED STATES
UGI Corp Hlds	0.05	UNITED STATES
Ultra Beauty	0.04	UNITED STATES
UMB Finl Co	0.01	UNITED STATES
Under Armour Class A	0.01	UNITED STATES
Under Armour Class C	0.01	UNITED STATES
Union Pacific Corp	0.29	UNITED STATES
United Airlines Holdings Inc	0.02	UNITED STATES
United Community Banks Inc	0.01	UNITED STATES
United Natural Foods	0.02	UNITED STATES
United Parcel Service	0.39	UNITED STATES
United Rentals	0.08	UNITED STATES
United States Steel Corp	0.08	UNITED STATES
United Therapeutics	0.03	UNITED STATES
Unitedhealth Group	1.31	UNITED STATES
Uniti Group	0.01	UNITED STATES
Universal Health Services B	0.05	UNITED STATES
Unum Group	0.07	UNITED STATES
Upbound Group Inc	0.01	UNITED STATES
Urban Outfitters	0.01	UNITED STATES
US Bancorp	0.33	UNITED STATES
US Foods Holding	0.08	UNITED STATES
Utd Bankshares	0.02	UNITED STATES
Vail Resorts	0.02	UNITED STATES
Valero Energy	0.39	UNITED STATES
Valley National Bancorp	0.03	UNITED STATES
Valmont Inds	0.01	UNITED STATES
Veeva Systems	0.02	UNITED STATES
Ventas Inc	0.08	UNITED STATES
Veralto Corporation	0.03	UNITED STATES
Verisk Analytics	0.02	UNITED STATES
Verizon Communications	1.14	UNITED STATES
Vertex Pharm	0.1	UNITED STATES
Vertiv Holdings Co (A)	0.01	UNITED STATES
VF Corp	0.03	UNITED STATES
ViaSat	0.03	UNITED STATES
Viatis	0.09	UNITED STATES
VICI Properties	0.09	UNITED STATES
Victorias Secret & Co	0.01	UNITED STATES

Constituent	Index weight (%)	Country/Market
Virtu Financial	0.02	UNITED STATES
Visa	0.29	UNITED STATES
Vishay Intertech	0.01	UNITED STATES
Visteon Corp.	0.01	UNITED STATES
Vistra Corp	0.06	UNITED STATES
Vital Energy Inc	0.01	UNITED STATES
Vontier Corp	0.01	UNITED STATES
Vornado Realty Trust	0.03	UNITED STATES
Voya Financial	0.03	UNITED STATES
Vulcan Materials	0.04	UNITED STATES
W. P. Carey Inc.	0.05	UNITED STATES
Wabtec	0.05	UNITED STATES
Walgreens Boots Alliance	0.25	UNITED STATES
Walmart	0.86	UNITED STATES
Warner Bros Discovery Inc	0.29	UNITED STATES
Warrior Met Coal	0.01	UNITED STATES
Waste Mgmt Inc	0.13	UNITED STATES
Waters Corp	0.02	UNITED STATES
Watso Inc	0.03	UNITED STATES
Wayfair	0.02	UNITED STATES
Weatherford International Ltd	0.02	UNITED STATES
Webster Financial	0.03	UNITED STATES
WEC Energy Group	0.11	UNITED STATES
Wells Fargo & Company	0.91	UNITED STATES
Welltower Inc.	0.13	UNITED STATES
Werner Enterprises	0.01	UNITED STATES
WesBanco	0.01	UNITED STATES
WESCO International	0.04	UNITED STATES
West Pharm Svcs	0.02	UNITED STATES
Western Alliance Bancorp	0.03	UNITED STATES
Western Digital	0.06	UNITED STATES
Western Union	0.03	UNITED STATES
Westlake Corporation	0.02	UNITED STATES
WEX	0.02	UNITED STATES
Weyerhaeuser	0.1	UNITED STATES
Whirlpool Corp	0.06	UNITED STATES
White Mountains Insurance	0.01	UNITED STATES
Williams Cos	0.18	UNITED STATES
Williams Sonoma	0.03	UNITED STATES
Willis Towers Watson plc	0.07	UNITED STATES
WillScot Holdings Corporation	0.01	UNITED STATES
Wintrust Financial Corp	0.02	UNITED STATES
Woodward	0.01	UNITED STATES
Workday	0.03	UNITED STATES
World Kinect Corporation	0.02	UNITED STATES
Wyndham Hotels & Resorts	0.01	UNITED STATES
Wynn Resorts	0.02	UNITED STATES
XCEL Energy	0.14	UNITED STATES
Xerox Holdings	0.02	UNITED STATES
XP Inc (A)	0.02	UNITED STATES
XPO Inc	0.02	UNITED STATES
Xylem Inc.	0.05	UNITED STATES
Yum Brands	0.06	UNITED STATES
Zebra Technologies	0.03	UNITED STATES
Zillow Group	<0.005	UNITED STATES
Zillow Group CL C	0.01	UNITED STATES
ZIM Integrated Shipping Services Ltd	0.05	UNITED STATES
Zimmer Biomet Holdings	0.07	UNITED STATES
Zions Bancorporation N.A.	0.04	UNITED STATES
Zoetis	0.07	UNITED STATES
Zoom Communications Inc	0.03	UNITED STATES

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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email 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