



Russell 2000 0.4 Quality Target Exposure Factor Net Tax Index

19 February 2025

Indicative Index Weight Data as at Closing on 31 December 2024

Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market
1st Source	0.04	USA	Apollo Commercial Real Estate Finance	0.04	USA	Bel Fuse Class B	0.04	USA
4D Molecular Therapeutics	0.02	USA	Appian	0.04	USA	Belden	0.15	USA
A10 Networks	0.06	USA	Apple Hospitality REIT	0.17	USA	Benchmark Elect	0.07	USA
AAR Corp	0.06	USA	Applied Industrial Technology	0.45	USA	Berke & Herbert Bank & Trust Co	0.03	USA
Abercrombie & Fitch A	0.55	USA	Applied Therapeutics	0.01	USA	Berkshire Hills Bancorp	0.04	USA
ABM Industries Inc	0.12	USA	Arbor Realty Trust	0.1	USA	BGC Group Inc	0.12	USA
Academy Sports and Outdoors	0.2	USA	Arcadium Lithium plc	0.2	USA	Biocryst Pharm	0.04	USA
Acadia Pharmaceuticals	0.16	USA	ArcBest Corp	0.06	USA	Biohaven Ltd	0.1	USA
Acadia Realty	0.09	USA	Arcellx Inc	0.27	USA	BJs Restaurants	0.03	USA
Accel Entertainment (A)	0.03	USA	Arch Resources Inc	0.09	USA	Black Hills Corp	0.17	USA
ACI Worldwide	0.17	USA	Archrock	0.16	USA	Blackbaud	0.11	USA
ACM Research	0.02	USA	Arcosa	0.18	USA	BlackLine	0.12	USA
Acushnet Holdings	0.11	USA	Arcturus Therapeutics Holdings Inc	0.02	USA	Blackstone Mortgage Trust	0.11	USA
ACV Auctions	0.09	USA	Arcus Biosciences	0.04	USA	Bloom Energy	0.09	USA
AdaptHealth	0.06	USA	Ardagh Metal Packaging SA	0.02	USA	Bloomin Brands	0.05	USA
Addus HomeCare	0.12	USA	Ardmore Shipping	0.02	USA	Blue Bird	0.17	USA
Adeia Inc	0.05	USA	Argan Inc.	0.1	USA	Blueprint Medicines	0.09	USA
Adient plc	0.07	USA	Arhaus	0.02	USA	Boise Cascade Company	0.13	USA
ADMA Biologics Inc	0.25	USA	Aris Water Solutions	0.03	USA	Boot Barn Holdings	0.2	USA
Adtalem Global Education	0.15	USA	Arlo Technologies	0.03	USA	Borr Drilling	0.04	USA
Advanced Energy Industries	0.15	USA	Armada Hoffer Properties	0.02	USA	Box Inc	0.24	USA
AeroVironment	0.16	USA	ARMOUR Residential REIT	0.03	USA	Braze	0.1	USA
AESI Holdings Inc	0.05	USA	Array Technologies	0.04	USA	Bread Financial Holding Inc	0.14	USA
Agilon Health	0.02	USA	Arrowhead Pharmaceuticals Inc.	0.12	USA	BridgeBio Pharma	0.05	USA
Agilisys	0.15	USA	Artisan Partners Asset Management	0.4	USA	BrightSphere Investment Group Inc	0.08	USA
Agios Pharmaceuticals	0.11	USA	Artivion Inc	0.05	USA	BrightSpire Capital Inc (A)	0.02	USA
Air Transport Services Group	0.04	USA	Asbury Automotive Group Inc	0.07	USA	BrightSpring Health Services	0.05	USA
Alamo Group	0.08	USA	ASGN Incorporated	0.15	USA	Brinker International	0.29	USA
Alarm.com Holdings	0.12	USA	Aspen Aerogels	0.01	USA	Brinks Co	0.16	USA
Albany International A	0.08	USA	Associated Banc-Corp	0.12	USA	Bristow Group Inc	0.03	USA
Alexander & Baldwin Inc.	0.05	USA	Astec Inds Inc	0.03	USA	Broadstone Net Lease	0.14	USA
Alexanders Inc	0.03	USA	Astrana Health Inc	0.16	USA	Brookdale Senior Living	0.04	USA
Alight Inc (A)	0.12	USA	Astria Therapeutics Inc	0.04	USA	Brookfield Infrastructure	0.12	USA
Alignment Healthcare	0.05	USA	Astronics	0.02	USA	Brookline Bancorp Inc	0.04	USA
Alkami Technology	0.09	USA	Atkore Inc	0.11	USA	Buckle Inc	0.08	USA
Alkermes plc	0.7	USA	Atlanta Braves Holdings Inc	0.04	USA	Build-A-Bear Workshop	0.05	USA
Alliant Travel	0.05	USA	Atlantic Union Bankshares	0.12	USA	Bumble	0.03	USA
Allete	0.2	USA	Atmus Filtration Technologies Inc	0.21	USA	Burford Capital	0.25	USA
Alpha & Omega Semiconductor	0.03	USA	AtrixCure	0.07	USA	Byline Bancorp	0.03	USA
Alpha Metallurgical Resources Inc	0.09	USA	Aurora Innovation Inc (A)	0.14	USA	C3 ai	0.05	USA
Altair Engineering	0.24	USA	Avanos Medical	0.03	USA	Cable One	0.1	USA
AMARK PRECIOUS Metals	0.03	USA	AvePoint Inc (A)	0.12	USA	Cabot Corp	0.2	USA
Ambarella Inc	0.09	USA	Avidity Biosciences	0.1	USA	Cactus Class A	0.12	USA
AMC Entertainment	0.04	USA	AvidXchange Holdings	0.07	USA	Cadence Bank	0.23	USA
American Assets Trust Inc.	0.05	USA	Avient Corp	0.13	USA	Cadre Holdings	0.04	USA
American Axle & MFG Holdings	0.03	USA	Avista Corp	0.12	USA	Caleres	0.04	USA
American Coastal Insurance Corporation	0.04	USA	Axcelis Techs	0.12	USA	California Resources	0.18	USA
American Eagle Outfitters	0.16	USA	Axos Financial	0.15	USA	California Water Service Group	0.1	USA
American Healthcare REIT	0.06	USA	AXSOME THERAPEUTICS	0.1	USA	Calix Networks	0.17	USA
American States Water	0.13	USA	Azz Inc	0.13	USA	Cal-Maine Foods	0.57	USA
American Superconductor	0.04	USA	Badger Meter	0.4	USA	CAREDX INC	0.07	USA
American Woodmark	0.08	USA	Balchem	0.25	USA	CareTrust REIT	0.17	USA
Ameris Bancorp	0.15	USA	Banc of California	0.03	USA	CarGurus Class A	0.07	USA
AMERISAFE	0.05	USA	BancFirst	0.09	USA	Carpenter Tech	0.42	USA
Amicus Therapeutics	0.1	USA	Banco Latinoamericano de Comercio Exterior S.A.	0.04	USA	Cars.com	0.04	USA
AMN Healthcare Services Inc	0.02	USA	Bank First	0.04	USA	Casella Waste	0.12	USA
Anmeal Pharmaceuticals	0.07	USA	Bank of Hawaii	0.1	USA	Cassava Sciences	<0.005	USA
Amphastar Pharmaceuticals	0.04	USA	Bank of N.T. Butterfield & Son	0.06	USA	Catalyst Pharmaceuticals	0.16	USA
Amplitude Inc	0.04	USA	BankUnited	0.1	USA	Cathay Bancorp	0.13	USA
Anaptys Bio	0.02	USA	Banner Corp	0.08	USA	Cavco Industries	0.13	USA
Andersons Inc	0.08	USA	Barnes Group Inc	0.06	USA	CBIZ	0.16	USA
ANI Pharmaceuticals	0.07	USA	Barrett Bus	0.05	USA	Ceco Env Corp	0.04	USA
Anika Therapeut	0.02	USA	Beacon Roofing Supply	0.26	USA	Celldex Therapeutics	0.05	USA
Annexon	0.02	USA	Beam Therapeutics	0.03	USA	Centerspace	0.04	USA
Apogee Enterprises	0.09	USA	Beazer Homes USA	0.02	USA	Central Garden & Pet Co A	0.07	USA
Apogee Therapeutics Inc	0.03	USA				Century Communities	0.04	USA
						CervoMed Inc	<0.005	USA

Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market
Champion Homes Inc	0.08	USA	Ellington Financial Inc	0.03	USA	Goosehead Insurance	0.17	USA
ChampionX Corporation	0.33	USA	Elme Communities	0.04	USA	Gorman-Rupp Co	0.04	USA
Chart Industries Inc.	0.18	USA	Empire State Realty Trust	0.05	USA	Graham Corp	0.03	USA
Cheesecake Factory (The)	0.1	USA	Employers Holdings	0.06	USA	Graham Holdings	0.11	USA
Chefs Warehouse Holdings	0.08	USA	Enact Holdings	0.09	USA	Granite Construction	0.08	USA
Chesapeake Utilities Corp	0.08	USA	Encore Energy Systems	0.02	USA	Green Brick Partners	0.07	USA
Chicago Atlantic Real Estate Finance	0.02	USA	Energizer Holdings	0.07	USA	Green Plains	0.02	USA
Chimera Investment	0.04	USA	Energy Fuels Inc	0.05	USA	Greenbrier Co	0.08	USA
Cimpress PLC	0.08	USA	Energy Recovery Inc.	0.03	USA	Greif Inc A	0.03	USA
Cinemark Holdings Inc.	0.16	USA	Enerpac Tool Group Corp	0.1	USA	Grid Dynamics Holdings Inc (A)	0.06	USA
City Holding	0.07	USA	EnerSys	0.15	USA	Griffon	0.13	USA
Clear Secure Inc	0.22	USA	ENFUSION	0.06	USA	Group 1 Auto	0.15	USA
Cleanwater Analytics Holdings Inc	0.09	USA	Ennis	0.03	USA	Guardant Health	0.2	USA
Cleanwater Paper	0.02	USA	Enova International	0.12	USA	Gulfport Energy Corp	0.05	USA
CNO Financial Group	0.14	USA	Enpro Inc	0.13	USA	Gypsum Management and Supply	0.18	USA
CNX Resources	0.13	USA	Ensign Group	0.53	USA	H&E Equipment Services	0.05	USA
Coeur Mining Inc	0.07	USA	Enstar Group	0.21	USA	HA Sustainable Infrastructure Capital Inc	0.13	USA
Cogent Communications Holdings	0.08	USA	Enterprise Financial Services	0.08	USA	Haemonetics	0.16	USA
Cohen & Steers	0.37	USA	Entrada Therapeutics	0.04	USA	Hallador Energy Co.	0.03	USA
Cohu Inc	0.05	USA	Enviri Corporation	0.03	USA	Halozyme Therapeutics	0.42	USA
Collegium Pharmaceutical	0.07	USA	ePlus Inc	0.09	USA	Hamilton Lane Class A	0.69	USA
Columbus McKinnon	0.03	USA	ESCO Technologies	0.15	USA	Hancock Whitney	0.17	USA
Commercial Metals	0.28	USA	Essent Group	0.52	USA	Hanesbrands	0.11	USA
Community Financial System Inc	0.11	USA	Essential Properties Realty Trust	0.28	USA	Harmonic Inc	0.06	USA
Community Healthcare Trust	0.02	USA	Ethan Allen Interiors	0.03	USA	Harmony Biosciences Holdings	0.12	USA
Community Tst	0.03	USA	Everi Holdings	0.04	USA	Hawaiian Electric	0.05	USA
CommVault Systems	0.42	USA	EverQuote	0.02	USA	Hawkins	0.1	USA
Compass Diversified	0.04	USA	EVERTEC	0.05	USA	HCI Group	0.05	USA
Conmed Corp	0.11	USA	Evolent Health	0.05	USA	Healthcare Services	0.04	USA
ConnectOne Bancorp	0.03	USA	Evolus	0.03	USA	HealthEquity	0.42	USA
CONSOL Energy	0.25	USA	Evolution Petroleum	0.02	USA	Healthstream	0.05	USA
Consolidated Water Co	0.04	USA	ExService Holdings	0.45	USA	Heartland Express	0.03	USA
Constellation SE	0.1	USA	eXp World Holdings	0.03	USA	Heartland Financial	0.09	USA
Construction Partners	0.17	USA	Exponent Inc	0.26	USA	Hecla Mining Co	0.11	USA
Contineum Therapeutics	0.02	USA	Expro Group Holdings NV	0.07	USA	Heidrick & Struggles	0.05	USA
COPT Defense Properties	0.1	USA	Extreme Networks	0.2	USA	Helen Of Troy Ltd	0.06	USA
Corcept Therapeutics	0.56	USA	F&G Annuities & Life	0.03	USA	Helios Technologies	0.04	USA
Core Laboratories	0.03	USA	Fabrinet	0.54	USA	Helix Energy Solutions Group	0.08	USA
Core Scientific	0.07	USA	Farmland Partners REIT	0.02	USA	Helmerich & Payne	0.28	USA
CoreCivic	0.09	USA	Fastly	0.04	USA	Herbalife Ltd	0.02	USA
CorVel Corp	0.22	USA	FB Financial	0.07	USA	Herc Holding	0.2	USA
Costamare	0.02	USA	Fed Agriicul Mtg	0.06	USA	Hillenbrand	0.04	USA
Couchbase	0.03	USA	Federal Signal	0.3	USA	Hillman Solutions Corp (A)	0.07	USA
Coursera	0.13	USA	Fidelis Insurance Holdings Ltd	0.13	USA	Hilltop Holdings	0.05	USA
CRA International	0.08	USA	Figs Inc	0.03	USA	Hilton Grand Vacations	0.1	USA
Cracker Barrel Old Country Store	0.07	USA	First Advantage Corporation New	0.04	USA	Hims and Hers Health Inc (A)	0.7	USA
Credo Technology Group Holding	0.31	USA	First Bancorp	0.06	USA	HNI Corporation	0.04	USA
Crescent Energy Company	0.04	USA	First Bancorp Puerto Rico	0.12	USA	Home BancShares	0.21	USA
Cricut	0.02	USA	First Bancshares Inc.	0.04	USA	Honest Company	0.06	USA
Crinetics Pharmaceuticals	0.07	USA	First Bussey	0.05	USA	Hope Bancorp	0.05	USA
Cross Country Healthcare	0.03	USA	First Commonwealth Fin	0.06	USA	Horace Mann Educators	0.05	USA
CSG Systems Intl	0.07	USA	First Financial Bancorp	0.1	USA	Hovnanian Enterp	0.02	USA
CSW Industrials	0.29	USA	First Finl Bankshares	0.18	USA	Hub Group A	0.06	USA
CTS	0.09	USA	First Interstate Bancsystem	0.09	USA	Huron Consulting Group	0.12	USA
Cullinan Therapeutics Inc	0.02	USA	First Merchants	0.09	USA	Hyster-Yale Inc	0.03	USA
Curbline Properties Corp	0.14	USA	First Mid Bancshares	0.03	USA	Ibotta	0.02	USA
Cushman & Wakefield	0.1	USA	First Watch Restaurant Group	0.03	USA	ICF International	0.1	USA
Customers Bancorp	0.05	USA	FirstCash Holdings Inc	0.21	USA	Ichor Holdings	0.02	USA
CVB Financial	0.11	USA	Flagstar Financial Inc	0.08	USA	ICU Medical	0.15	USA
Cytek BioSciences	0.04	USA	FLEX LNG Limited	0.03	USA	Ideaya Biosciences	0.04	USA
Cytokinetics	0.1	USA	Fluence Energy	0.03	USA	IES Holdings	0.11	USA
Daktronics Inc	0.05	USA	Fluor Corporation	0.43	USA	Imax Corp	0.05	USA
Dana	0.05	USA	Flywire	0.11	USA	Immersion Corp	0.02	USA
Dave & Busters Entertainment	0.04	USA	Foot Locker Inc	0.07	USA	Immunovant	0.05	USA
Day One Biopharmaceuticals	0.03	USA	Forestar Group	0.03	USA	IMPINJ INC	0.13	USA
Delek US Holdings	0.04	USA	Formfactor	0.15	USA	Inari Medical	0.14	USA
Deluxe Corp	0.03	USA	Four Corners Property Trust	0.13	USA	Independence Realty Trust	0.15	USA
Denali Therapeutics	0.19	USA	Fox Factory Holding	0.02	USA	Independent Bank Group Inc	0.07	USA
Despegar.com	0.07	USA	Franklin BSP Realty Trust Inc	0.04	USA	Independent Bank Mass	0.1	USA
DHT Holdings	0.07	USA	Franklin Covey	0.03	USA	Infinera	0.06	USA
Diamond Hill Investment Grp	0.06	USA	Franklin Elec	0.23	USA	Ingevity	0.07	USA
Diamondrock Hospitality	0.08	USA	Fresh Del Monte	0.05	USA	Ingles Markets Cl A	0.03	USA
Dianthus Therapeutics Inc	0.03	USA	Freshworks	0.2	USA	InMode	0.09	USA
Digi International	0.06	USA	frontdoor	0.23	USA	Innospec	0.15	USA
Digimarc Corp.	0.03	USA	FTAI Aviation Ltd	0.58	USA	Innovative Industrial Properties	0.12	USA
DigitalBridge Group Inc	0.08	USA	FTAI Infrastructure Inc	0.02	USA	Innoviva	0.04	USA
DigitalOcean Holdings	0.18	USA	Fuller H B Co	0.11	USA	Insight Enterprises	0.08	USA
Dime Community Bancshares Inc	0.04	USA	Fulton Financial Corp	0.12	USA	Insmid Inc	0.16	USA
Diodes Inc	0.11	USA	GATX Corp	0.18	USA	Insperty	0.16	USA
Disc Medicine Inc	0.05	USA	Genco Shipping & Trading Ltd.	0.02	USA	Installed Building Products	0.15	USA
DNOW Inc	0.09	USA	Genie Energy Ltd. Cl B	0.02	USA	Insteel Inds	0.02	USA
Donnelley Financial Solutions	0.08	USA	Gentherm	0.09	USA	Intapp	0.11	USA
Dorian LPG	0.05	USA	Genworth Financial Class A	0.1	USA	Integer Holdings	0.22	USA
Dorman Products	0.16	USA	Geo Group	0.15	USA	Integra Lifesciences Holding	0.07	USA
Douglas Emmett	0.1	USA	German American Bancorp	0.04	USA	Integral Ad Science Holding	0.04	USA
Dream Finders Homes	0.03	USA	Getty Realty	0.07	USA	Intellia Therapeutics	0.04	USA
Driven Brands Holdings	0.04	USA	Gibraltar Industries	0.09	USA	InterDigital	0.31	USA
DXP Enterprises	0.04	USA	G-iii Apparel	0.08	USA	Interface	0.05	USA
Dycorn Inds Inc	0.17	USA	Glacier Bancorp	0.2	USA	International Game Technology PLC	0.07	USA
Dynavax Technologies	0.03	USA	Glaukos	0.27	USA	International Money Express Inc	0.05	USA
Dyne Therapeutics	0.1	USA	Global Business Travel Group Inc	0.05	USA	International Seaways	0.09	USA
Dynex Capital	0.03	USA	Global Industrial Company	0.02	USA	Interparfums Inc	0.14	USA
E2open Parent Holdings Inc (A)	0.02	USA	Global Medical REIT	0.02	USA	Intl Bancshares	0.14	USA
Easterly Government Properties	0.04	USA	Global Net Lease	0.04	USA	Inventrust Properties	0.07	USA
Eastern Bankshares	0.08	USA	Globalstar	0.07	USA	IonQ Inc (A)	0.37	USA
EchoStar	0.05	USA	Gogo Inc.	0.02	USA	Iradimed Corp	0.04	USA
Ecovyst Inc	0.03	USA	Golar LNG Ltd.	0.15	USA	iRhythm Technologies	0.06	USA
Edgewell Personal Care	0.05	USA	Golden Entertainment	0.02	USA	Ironwood Pharmaceuticals	0.06	USA
Edgewise Therapeutics	0.12	USA	Golden Ocean Group Limited	0.03	USA	Itron Inc	0.21	USA
Editas Medicine	0.01	USA	Goodyear Tire & Rubber	0.09	USA			

Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market	Constituent	Index weight (%)	Country/Market
J & J Snack Foods	0.13	USA	Middlesex Water	0.04	USA	Par Pacific Holdings	0.03	USA
Jack In The Box	0.03	USA	Miller Inds	0.03	USA	Par Technology	0.09	USA
Jackson Financial	0.22	USA	MillerKnoll Inc	0.07	USA	Paramount Group	0.02	USA
Jamf Holding	0.03	USA	MiMedx Group	0.04	USA	Park National	0.09	USA
Janus International Group (A)	0.04	USA	Minerals Tech	0.11	USA	Pathward Financial Inc	0.08	USA
Janux Therapeutics Inc	0.06	USA	Mirion Technologies Inc	0.11	USA	Patria Investments	0.06	USA
JBG SMITH Properties	0.04	USA	Mirum Pharmaceuticals	0.07	USA	Patrick Industries	0.05	USA
JELD-WEN Holding	0.02	USA	Modine Manufacturing Co	0.16	USA	Patterson Cos	0.04	USA
Jetblue Airways Corp	0.08	USA	Moelis & Company	0.13	USA	Patterson-UTI Energy	0.05	USA
Joby Aviation Inc	0.11	USA	Monarch Casino	0.08	USA	Payoneer Global Inc (A)	0.14	USA
John Bean Technologies	0.07	USA	MoneyLion Inc (A)	0.05	USA	PBF Energy	0.06	USA
Kadant Inc	0.21	USA	Monro	0.03	USA	PDF Solutions	0.04	USA
Kaiser Aluminum	0.04	USA	Montrose Environmental Group	0.02	USA	Peabody Energy Corp	0.13	USA
KalVista Pharmaceuticals	0.02	USA	Moog Inc A	0.17	USA	Pebblebrook Hotel Trust	0.05	USA
KB Home	0.2	USA	Mr. Cooper Group	0.28	USA	Pediatric Medical Group Inc	0.06	USA
Kelly Services A	0.02	USA	MRC Global	0.06	USA	Peloton Interactive	0.08	USA
Kennametal Inc	0.08	USA	Mueller Inds	0.35	USA	Penguin Solutions Inc	0.03	USA
Kennedy-Wilson Holdings Inc	0.03	USA	Mueller Water Products	0.13	USA	Pennant Group	0.05	USA
Keros Therapeutics	0.02	USA	Murphy Oil Corp	0.21	USA	PennyMac Financial Services	0.1	USA
Kforce	0.06	USA	Myers Industries Inc	0.02	USA	PennyMac Mortgage Investment Trust	0.04	USA
Kimball Electronics	0.02	USA	MYR Group Inc.	0.16	USA	Peoples Bancorp	0.04	USA
Kinetik Holdings Inc (A)	0.08	USA	Myriad Genetics	0.02	USA	Perdoceo Education Corp	0.09	USA
Kiniksa Pharmaceuticals International (A)	0.04	USA	N-able	0.03	USA	Perimeter Solutions Inc	0.06	USA
Kite Realty Group Trust	0.2	USA	Nabors Industries	0.02	USA	Phillips Edison & Company	0.18	USA
Knife River Corporation	0.24	USA	Napco Security Systems	0.06	USA	Phinia	0.07	USA
Knowles Corp.	0.06	USA	National Bank Holdings	0.06	USA	Photronics Inc	0.08	USA
Kontoor Brands	0.21	USA	National Beverage	0.03	USA	Piedmont Office Realty Trust Cl A	0.04	USA
Koppers Holdings	0.03	USA	National Health Investors	0.16	USA	Piper Sandler Companies	0.25	USA
Korn Ferry	0.17	USA	National Healthcare	0.1	USA	Pitney Bowes	0.04	USA
Kosmos Energy	0.05	USA	National Presto	0.03	USA	PJT Partners	0.23	USA
Kratos Defense & Security Solutions	0.14	USA	National Research	0.03	USA	Plexus Corp	0.22	USA
Krispy Kreme	0.03	USA	National Vision Holdings	0.04	USA	Plymouth Industrial REIT	0.03	USA
Krystal Biotech	0.26	USA	Navient Corp	0.04	USA	Portland General Electric	0.17	USA
Kulicke Sofia	0.06	USA	Navitas Semiconductor Corp (A)	0.02	USA	PottatchDeltic	0.13	USA
L.B. Foster	0.02	USA	NBT Bancorp Inc.	0.08	USA	Powell Inds	0.11	USA
Ladder Capital	0.05	USA	NCR Atleos Corporation	0.18	USA	Power Integrations	0.12	USA
Lakeland Financial	0.06	USA	NCR Voyix Corp	0.1	USA	Praxis Precision Medicines	0.05	USA
Lancaster Colony	0.22	USA	Nelnet Class A	0.05	USA	Preferred Bank Los Angeles	0.04	USA
Lantheus Holdings	0.5	USA	Neogen Corp	0.03	USA	Premier Financial Corp	0.03	USA
LanzaTech Global	0.01	USA	NeoGenomics Inc.	0.1	USA	Prestige Consumer Healthcare	0.18	USA
Larimar Therapeutics Inc	0.01	USA	NerdWallet	0.03	USA	PriceSmart	0.11	USA
Laureate Education	0.14	USA	Netgear Inc.	0.04	USA	Primoris Services Corp.	0.21	USA
La-Z-Boy Inc	0.11	USA	NetScout Sys	0.06	USA	Privia Health Group	0.11	USA
LCI Industries	0.06	USA	NetSTREIT	0.04	USA	PROG Holdings Inc	0.06	USA
LegalZoom.com Inc	0.05	USA	New Jersey Res	0.14	USA	Progress Software	0.09	USA
LeMaitre Vascular	0.13	USA	Newmark Group	0.07	USA	Prodyn	0.06	USA
LendingClub	0.06	USA	NexPoint Residential Trust	0.04	USA	ProPetro Holding	0.06	USA
Leonardo Drs Inc	0.1	USA	Nextdoor Holdings Inc	0.02	USA	Pros Holdings Inc.	0.03	USA
Leslies	0.01	USA	NEXTracker	0.13	USA	PROTAGONIST THERAPEUTICS	0.08	USA
LGI Homes	0.05	USA	Nicolet Bankshares Inc	0.05	USA	Prothena PLC	0.03	USA
Liberty Energy Inc (A)	0.17	USA	nLight	0.02	USA	Proto Labs Inc	0.06	USA
Liberty Latin America C	0.04	USA	NMI Holdings Inc	0.27	USA	Provident Financial Services Inc	0.08	USA
Life Time Group Holdings	0.05	USA	Noble	0.31	USA	PTC Therapeutics	0.18	USA
LifeStance Health Group	0.04	USA	Nordic American Tanker	0.02	USA	PubMatic	0.03	USA
Ligand Pharm B	0.09	USA	Northern Oil And Gas	0.09	USA	Q2 Holdings	0.23	USA
Limbach Holdings	0.05	USA	Northwest Bancshares	0.06	USA	QCR Holdings Inc	0.05	USA
Lindsay Corporation	0.05	USA	Northwest Natural Holding Company	0.07	USA	Quaker Houghton	0.09	USA
Lions Gate Entertainment Class B	0.04	USA	NorthWestern Energy Group Inc	0.14	USA	Qualys Inc	0.33	USA
Liquidity Services	0.05	USA	NovaGold Resources Inc.	0.02	USA	Quanex Building Products	0.02	USA
LivaNova	0.13	USA	Novanta Inc	0.24	USA	Quanterix Corp	0.01	USA
Live Oak Bancshares	0.05	USA	NovoCure	0.12	USA	QuinStreet	0.08	USA
LiveRamp Holdings	0.09	USA	NPK International Inc	0.04	USA	Radian Group	0.33	USA
LSI Industries	0.04	USA	Nurix Therapeutics	0.08	USA	RadNet	0.21	USA
LTC Properties	0.08	USA	NuScale Power Corporation (A)	0.1	USA	Ramaco Resources	0.02	USA
Lumen Technologies Inc	0.27	USA	NUVALENT	0.08	USA	Rambus Inc	0.29	USA
LXP Industrial Trust	0.09	USA	Nuvation Bio Inc (A)	0.03	USA	Rapid7	0.08	USA
M/I Homes	0.15	USA	NVS Global Inc.	0.03	USA	Ready Capital Corporation	0.05	USA
Macerich	0.11	USA	NVE Corp	0.03	USA	Red Rock Resorts	0.07	USA
Madison Square Garden Entertainment Corp	0.08	USA	Oceaneering Intl	0.12	USA	Redwood Trust	0.03	USA
Madrigal Pharmaceuticals	0.04	USA	OceanFirst Financial	0.04	USA	REGENXBIO	0.02	USA
Magnite Inc	0.08	USA	OFG Bancorp	0.08	USA	Relay Therapeutics	0.02	USA
Magnolia Oil & Gas Corporation (A)	0.14	USA	O-I Glass Inc	0.05	USA	Remitly Global	0.06	USA
Malibu Boats	0.05	USA	Old Natl Bncp	0.25	USA	Renasant Corp	0.07	USA
MannKind	0.15	USA	Old Second Bncp	0.03	USA	Repay Holdings (A)	0.03	USA
MARA Holdings Inc	0.65	USA	Olo	0.04	USA	Resideo Technologies	0.11	USA
Marqeta	0.07	USA	Omicell Inc	0.09	USA	Resources Connection Inc	0.02	USA
Marten Transport	0.03	USA	ONE Gas	0.17	USA	Retail Opportunity	0.08	USA
MasterBrand Inc	0.06	USA	OneSpan	0.04	USA	REV Group	0.1	USA
Materion	0.07	USA	OneSpaWorld Holdings (A)	0.13	USA	Revolution Medicines	0.14	USA
Mativ Holdings Inc	0.03	USA	Open Lending Corporation (A)	0.04	USA	Revolve Group	0.06	USA
Matrix Service	0.03	USA	Opendoor Technologies Inc (A)	0.02	USA	REX American Resources	0.03	USA
Matson Inc.	0.13	USA	OPENLANE Inc	0.1	USA	Rhythm Pharmaceuticals	0.05	USA
Matterport Inc (A)	0.05	USA	Option Care Health Inc	0.25	USA	Riot Platforms Inc	0.07	USA
Matthews Intl A	0.03	USA	Orasure Tech	0.03	USA	RLJ Lodging Trust	0.06	USA
MaxCyte	0.03	USA	Origin Bancorp	0.03	USA	RMR Group	0.03	USA
Maximus	0.18	USA	Orion SA	0.04	USA	Rocket Lab USA Inc (A)	0.16	USA
MaxLinear	0.03	USA	Ormat Technologies	0.14	USA	Rogers Corp	0.09	USA
McGrath Rent Corp	0.09	USA	Oscar Health	0.05	USA	RPC	0.02	USA
Merchants Bancorp	0.02	USA	OSI Systems Inc	0.09	USA	Rush Enterprises A	0.12	USA
Mercury General	0.07	USA	Otter Tail Cp	0.11	USA	Rush Street Interactive Inc (A)	0.11	USA
Mercury Systems	0.06	USA	Outfront Media	0.05	USA	RXO Inc	0.06	USA
MeridianLink	0.02	USA	Owens & Minor	0.07	USA	Ryman Hospitality Properties	0.39	USA
Merit Medical Systems	0.28	USA	Oxford Industries	0.11	USA	S&T Bancorp	0.06	USA
Meritage Homes	0.17	USA	Pacific Premier Bancorp Inc	0.08	USA	Sable Offshore Corp	0.06	USA
Metallus Inc	0.03	USA	Pacira BioSciences	0.04	USA	Sabra Health Care REIT	0.14	USA
MFA Financial	0.04	USA	PACS Group Inc	0.01	USA	Sabre Corp	0.05	USA
MGE Energy	0.15	USA	PagerDuty	0.07	USA	Safehold Inc	0.03	USA
MGP Ingredients	0.02	USA	PagSeguro Digital Ltd	0.05	USA	Safety Insurance Group Inc	0.04	USA
			Palomar Holdings	0.14	USA	Sage Therapeutics	0.02	USA
			Papa John's International	0.08	USA	Sally Beauty	0.03	USA

Constituent	Index weight (%)	Country/Market
Sana Biotechnology	0.01	USA
SandRidge Energy	0.02	USA
Sandy Spring Bancorp	0.05	USA
Sanfilipp & Son	0.06	USA
Sanmina Corp	0.28	USA
Sapiens International Corp	0.05	USA
ScanSource	0.04	USA
Scholastic Corp	0.03	USA
Schrodinger	0.06	USA
Scorpio Tankers	0.1	USA
Seacoast Banking	0.08	USA
Seadrill Ltd NYSE	0.09	USA
Select Medical Holdings	0.1	USA
Select Water Solutions Inc (A)	0.12	USA
Selective Insurance Group	0.25	USA
SEMLER SCIENTIFC	0.04	USA
SEMrush Holdings	0.02	USA
Semtech Corp	0.22	USA
Sensient Tech	0.13	USA
Service Properties Trust	0.01	USA
SERVISFIRST BANCSHARES	0.16	USA
SFL Corporation Ltd	0.04	USA
Shake Shack	0.23	USA
Shenandoah Telecoms	0.03	USA
Shoals Technologies Group	0.03	USA
Shoe Carnival	0.03	USA
Shutterstock Inc	0.03	USA
Siga Tech Inc	0.03	USA
Signet Jewelers	0.22	USA
Silicon Labs	0.1	USA
Simmons First National Corp - Cl A	0.1	USA
Simply Good Foods	0.14	USA
Simulations Plus	0.03	USA
SiriusPoint Ltd	0.07	USA
SITE Centers	0.05	USA
SiTime	0.11	USA
Sito Royalties Corp (A)	0.08	USA
SJW Group	0.06	USA
Skyward Specialty Insurance Group Inc	0.08	USA
Skywest Inc	0.16	USA
SL Green Realty	0.1	USA
SM Energy	0.18	USA
SmartRent Inc	0.02	USA
SolarWinds	0.03	USA
Soleno Therapeutics	0.04	USA
Sonos Inc	0.13	USA
Southside Bancshares	0.03	USA
SouthState Corp	0.28	USA
Southwest Gas Holdings	0.21	USA
Spire Inc	0.17	USA
Spok Holdings	0.03	USA
SpringWorks Therapeutics	0.09	USA
SPRINKLR	0.04	USA
Sprout Social	0.03	USA
Sprouts Farmers Market	0.56	USA
SPS Commerce	0.34	USA
SPX Technologies Inc	0.22	USA
Spyre Therapeutics Inc	0.05	USA
SSR Mining	0.08	CANADA
St Joe Co (The)	0.09	USA
STAAR Surgical	0.09	USA
Standex Intl	0.09	USA
Std Motor Prods	0.03	USA
Steelcase Inc	0.05	USA
Stellar Bancorp Inc	0.05	USA
Stepan Co	0.04	USA
StepStone Group	0.12	USA
Sterling Infrastructure Inc	0.26	USA
Steven Madden	0.12	USA
Stewart Info	0.07	USA
Stock Yards Bancorp	0.07	USA
Stoke Therapeutics	0.03	USA
StoneCo	0.08	USA
StoneX Group Inc	0.1	USA
Strategic Education	0.12	USA
Stride Inc	0.19	USA
Sturm Ruger & Co	0.04	USA
Summit Materials	0.22	USA
SunCoke Energy	0.05	USA

Constituent	Index weight (%)	Country/Market
Sunrun	0.07	USA
Sunstone Hotel Investors	0.15	USA
Super Group SGHC Ltd	0.04	USA
Supernus Pharmaceuticals	0.13	USA
Surgery Partners	0.07	USA
SurModics Inc	0.03	USA
Sweetgreen	0.18	USA
Sylvamo	0.12	USA
Synaptics	0.11	USA
TACTILE SYSTEMS TECHNOLOGY	0.03	USA
Talkspace Inc (A)	0.03	USA
Talos Energy	0.03	USA
Tandem Diabetes Care	0.07	USA
Tanger Inc	0.19	USA
Taylor Morrison Home II Corporation	0.21	USA
Tecnoglass	0.07	USA
Teekay Corporation Ltd	0.02	USA
Teekay Tankers	0.07	USA
TEGNA	0.12	USA
Teladoc Health	0.07	USA
Telephone & Data Systems	0.16	USA
Tenable Holdings	0.16	USA
Tennant Co	0.09	USA
Terex Corp	0.14	USA
Terreno Realty	0.29	USA
TETRA Technologies	0.02	USA
Texas Capital Bancshares	0.13	USA
TG Therapeutics Inc	0.2	USA
The Baldwin Insurance Group Inc (A)	0.07	USA
The Bancorp	0.11	USA
The Hackett Group	0.04	USA
The ODP Corporation	0.02	USA
The Vita Coco Company	0.05	USA
Thermon Group Holdings	0.03	USA
Thryv Holdings	0.03	USA
Tidewater Inc	0.1	USA
Topgolf Callaway Brands Corp	0.04	USA
Tourmaline Bio Inc	0.05	USA
Towne Bank	0.09	USA
Transmedics Group	0.16	USA
Transocean	0.09	USA
TreeHouse Foods	0.06	USA
Tri Pointe Homes Inc	0.09	USA
TriCo Bancshares	0.05	USA
TriMas Corp.	0.03	USA
TriNet Group	0.15	USA
Trinity Inds	0.11	USA
Triumph Financial Inc	0.07	USA
Tronox Holdings plc	0.04	USA
Trustmark Corp	0.08	USA
TTM Technologies	0.08	USA
Turtle Beach Corp.	0.02	USA
Tutor Perini	0.04	USA
Twist Bioscience	0.17	USA
Two Harbors Investment	0.04	USA
TXNM Energy Inc	0.16	USA
U.S. Lime & Minerals	0.08	USA
UDEMY	0.04	USA
UFP Industries Inc	0.21	USA
UFP Technologies	0.13	USA
Ultra Clean Holdings	0.03	USA
UMB Finl Co	0.18	USA
UMH Properties	0.04	USA
UniFirst Corp	0.11	USA
United Community Banks Inc	0.14	USA
United Natural Foods	0.1	USA
United Parks & Resorts Inc	0.07	USA
Uniti Group	0.04	USA
Uniti Corp	0.04	USA
Universal Corp	0.03	USA
Universal Health Rlty Income	0.02	USA
Universal Stain	0.03	USA
Universal Technical Institute	0.05	USA
Upbound Group Inc	0.05	USA
Upwork	0.07	USA
Uranium Energy Corp	0.09	USA
Urban Edge Properties	0.18	USA
Urban Outfitters	0.17	USA
US Physical Therapy Inc	0.06	USA
Utd Bankshares	0.18	USA

Constituent	Index weight (%)	Country/Market
Utz Brands Inc (A)	0.03	USA
V2X Inc	0.04	USA
Vaalco Energy	0.04	USA
Valaris	0.1	USA
Valley National Bancorp	0.14	USA
Varex Imaging	0.03	USA
Varonis Systems	0.13	USA
Vaxcyte	0.17	USA
Veeco Instr Inc	0.04	USA
Veracyte Inc	0.23	USA
Vericel	0.16	USA
Verint Systems	0.07	USA
Veris Residential Inc	0.03	USA
VERITEX HOLDINGS INC	0.05	USA
Verra Mobility Corporation (A)	0.13	USA
Vertex	0.16	USA
Viad Corp	0.03	USA
ViaSat	0.03	USA
Viavi Solutions	0.08	USA
Vicor Corp	0.05	USA
Victorias Secret & Co	0.12	USA
Victory Capital Holdings Class A	0.19	USA
Vimeo	0.05	USA
Virtus Investment Partners Inc.	0.07	USA
Vishay Intertech	0.09	USA
Visteon Corp.	0.16	USA
Vital Farms	0.09	USA
Vitesse Energy Inc	0.03	USA
Voyager Therapeutics	0.04	USA
Wabash National	0.03	USA
WaFd Inc	0.08	USA
Walker & Dunlop	0.13	USA
Warby Parker	0.14	USA
Warrior Met Coal	0.11	USA
Watts Water Technologies	0.22	USA
WAVE Life Sciences	0.11	USA
WD-40 Co	0.17	USA
Weis Markets	0.04	USA
Werner Enterprises	0.09	USA
WesBanco	0.07	USA
Westamerica Bancp	0.06	USA
Whitestone REIT	0.03	USA
Wiley (John) & Sons - Cl A	0.07	USA
Willdan Group	0.02	USA
Winmark Corp	0.16	USA
Winnbago Inds	0.03	USA
WisdomTree Inc	0.11	USA
WNS Holdings Ltd ADS	0.13	USA
Wolverine World Wide	0.07	USA
Workiva	0.14	USA
World Acceptance	0.03	USA
World Kinect Corporation	0.03	USA
Worthington Enterprises	0.06	USA
Worthington Steel	0.09	USA
WSFS Financial Corp	0.12	USA
Xencor	0.08	USA
Xenia Hotels & Resorts	0.06	USA
Xerox Holdings	0.04	USA
Xometry	0.07	USA
Xpel Inc	0.04	USA
Yelp	0.21	USA
Yext	0.04	USA
Y-mAbs Therapeutics	0.02	USA
York Water Co	0.02	USA
Zeta Global Holdings	0.07	USA
Ziff Davis Inc	0.1	USA
Zuora	0.03	USA
Zum Elkay Water Solutions Corporation	0.29	USA

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.

© 2025 London Stock Exchange Group plc and its applicable group undertakings ("LSEG"). LSEG includes (1) FTSE International Limited ("FTSE"), (2) Frank Russell Company ("Russell"), (3) FTSE Global Debt Capital Markets Inc. and FTSE Global Debt Capital Markets Limited (together, "FTSE Canada"), (4) FTSE Fixed Income Europe Limited ("FTSE FI Europe"), (5) FTSE Fixed Income LLC ("FTSE FI"), (6) FTSE (Beijing) Consulting Limited ("WOFI") (7) Refinitiv Benchmark Services (UK) Limited ("RBSL"), (8) Refinitiv Limited ("RL") and (9) Beyond Ratings S.A.S. ("BR"). All rights reserved.

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

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

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

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

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

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

Data definitions available from lseg.com/ftse-russell

To learn more, visit lseg.com/ftse-russell;
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