



FTSE North America All Cap

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
10X Genomics	0.01	USA	Allele	0.01	USA	Apliv PLC	0.05	USA
1st Source	<0.005	USA	Alliant Energy	0.03	USA	Aramark	0.01	USA
3-D Systems	<0.005	USA	Allied Properties REIT	<0.005	CANADA	Arbor Realty Trust	0.01	USA
3M Company	0.13	USA	Allison Transmission Holdings	0.01	USA	Arc Resources	0.02	CANADA
Aaon Inc	0.01	USA	Allogene Therapeutics	<0.005	USA	ArcBest Corp	0.01	USA
AAR Corp	<0.005	USA	Allstate Corp	0.08	USA	Arch Capital Gp	0.06	USA
Abbott Laboratories	0.4	USA	Ally Financial	0.02	USA	Arch Resources Inc	0.01	USA
AbbVie Inc	0.57	USA	Alnylam Pharmaceuticals	0.05	USA	Archer Daniels Midland	0.08	USA
Abercrombie & Fitch A	0.01	USA	Alpha Metallurgical Resources Inc	0.01	USA	Archrock	<0.005	USA
ABM Industries Inc	0.01	USA	Alphabet Class A	1.73	USA	Arcosa	0.01	USA
Academy Sports and Outdoors	0.01	USA	Alphabet Class C	1.47	USA	Arcus Biosciences	<0.005	USA
Acadia Healthcare	0.01	USA	AltaGas	0.01	CANADA	Ardagh Metal Packaging SA	<0.005	USA
Acadia Pharmaceuticals	0.01	USA	Altair Engineering	0.01	USA	Ares Management Corporation	0.04	USA
Acadia Realty	<0.005	USA	Alteryx	0.01	USA	Arista Networks	0.12	USA
Accenture CIA	0.46	USA	Altria Group	0.15	USA	ARITZIA INC	<0.005	CANADA
Accretive Health	<0.005	USA	Amazon.Com	2.85	USA	ARMOUR Residential REIT	<0.005	USA
ACI Worldwide	0.01	USA	Ambarella Inc	<0.005	USA	Armstrong World Industries Inc.	0.01	USA
Acuity Brands Inc	0.01	USA	AMC Entertainment	<0.005	USA	Array Technologies	0.01	USA
Acushnet Holdings	<0.005	USA	Amdocs	0.02	USA	Arrow Electronics	0.01	USA
AdaptHealth	<0.005	USA	Amedsys Inc	0.01	USA	Arrowhead Pharmaceuticals Inc.	0.01	USA
Adaptive Biotechnologies	<0.005	USA	Ameren Corp	0.04	USA	Arthur J Gallagher	0.1	USA
Adeia Inc	<0.005	USA	Ameresco	<0.005	USA	Artisan Partners Asset Management	0.01	USA
Adient plc	0.01	USA	American Airlines Group	<0.005	USA	Arvinas Holding	<0.005	USA
Adobe	0.57	USA	American Assets Trust Inc.	<0.005	USA	Asana	<0.005	USA
ADT Inc	<0.005	USA	American Axle & MFG Holdings	<0.005	USA	Asbury Automotive Group Inc	0.01	USA
Adtalem Global Education	<0.005	USA	American Eagle Outfitters	0.01	USA	ASGN Incorporated	0.01	USA
Advance Auto Parts	0.01	USA	American Elec Power Com	0.09	USA	Ashland Inc	0.01	USA
Advanced Drainage Systems	0.02	USA	American Equity Investment Life	0.01	USA	Aspen Technology	0.01	USA
Advanced Energy Industries	0.01	USA	American Express Com	0.23	USA	Associated Banc-Corp	0.01	USA
Advanced Micro Dev	0.49	USA	American Finance Group Hldg.	0.02	USA	Assurant	0.02	USA
AECOM	0.03	USA	American Homes 4 Rent	0.02	USA	Assured Guaranty	0.01	USA
AerCap Holdings N.V.	0.03	USA	American Intl Group	0.1	USA	Astec Inds Inc	<0.005	USA
AeroVironment	0.01	USA	American States Water	0.01	USA	AT&T	0.25	USA
AES Corp.	0.03	USA	American Tower Corp	0.21	USA	Atco Class I	<0.005	CANADA
Affiliated Managers Group	0.01	USA	American Water Works Company	0.05	USA	ATI Inc	0.01	USA
Affirm Holdings	0.02	USA	American Woodmark	<0.005	USA	Atkore Inc	0.01	USA
Aflac	0.1	USA	Americold Realty Trust Inc	0.02	USA	Atlanta Braves Holdings Inc	<0.005	USA
AGCO Corp	0.02	USA	Ameriprise Financial	0.08	USA	Atlanta Braves Holdings Inc	<0.005	USA
Agilent Technologies	0.08	USA	Ameris Bancorp	0.01	USA	Atlantic Union Bankshares	0.01	USA
Agilion Health	0.01	USA	Ametek Inc	0.08	USA	Atlantica Sustainable Infrastructure plc	<0.005	USA
Agios Pharmaceuticals	<0.005	USA	Amgen Corp	0.32	USA	Atlassian	0.08	USA
AGNC Investment	0.01	USA	Amicus Therapeutics	0.01	USA	Atmos Energy	0.04	USA
Agnico Eagle Mines	0.05	CANADA	Amkor Tech Inc	0.01	USA	AtrixCure	<0.005	USA
Agree Realty	0.01	USA	AMN Healthcare Services Inc	0.01	USA	ATS Corporation	0.01	CANADA
Air Canada Cl B	0.01	CANADA	Amphastar Pharmaceuticals	<0.005	USA	Aurinia Pharmaceuticals NASDAQ	<0.005	USA
Air Lease	0.01	USA	Amphenol Corp A	0.12	USA	Autodesk	0.11	USA
Air Products & Chemicals Inc	0.13	USA	Amylyx Pharmaceuticals	<0.005	USA	Autoliv	0.02	USA
Air Transport Services Group	<0.005	USA	Analog Devices	0.21	USA	Automatic Data Process	0.2	USA
Airbnb	0.11	USA	Annaly Capital Management	0.02	USA	Autonation	0.01	USA
Akamai Technologies	0.04	USA	ANSYS Inc	0.07	USA	Autozone	0.09	USA
Akero Therapeutics	<0.005	USA	Antero Midstream Corp	0.01	USA	Avalonbay Communities	0.06	USA
Alamos Gold	0.01	CANADA	Antero Resources	0.01	USA	Avangrid	<0.005	USA
Alarm.com Holdings	0.01	USA	Anywhere Real Estate Inc	<0.005	USA	Avanos Medical	<0.005	USA
Alaska Air Group	<0.005	USA	Aon plc	0.12	USA	Avantor	0.03	USA
Albany International A	0.01	USA	APA Corporation	0.02	USA	Avery Dennison Corp	0.03	USA
Albemarle	0.04	USA	Apartment Income REIT	0.01	USA	Avient Corp	0.01	USA
Albertsons Companies	0.02	USA	Apartment Inv Management	<0.005	USA	Avis Budget Group	0.01	USA
Alcoa Corporation	0.01	USA	Apellis Pharmaceuticals	0.01	USA	Avista Corp	0.01	USA
Alexander & Baldwin Inc.	<0.005	USA	API Group	0.01	USA	Avnet	0.01	USA
Alexanders Inc	<0.005	USA	Apogee Enterprises	<0.005	USA	Axalta Coating Systems	0.02	USA
Alexandria Real Estate Equity	0.05	USA	Apollo Commercial Real Estate Finance	<0.005	USA	Axcelis Techs	0.01	USA
Algonquin Power & Utilities Co	0.01	CANADA	Apollo Global Management Inc	0.1	USA	Axis Capital Holdings	0.01	USA
Alight Inc (A)	0.01	USA	AppFolio	0.01	USA	Axon Enterprise	0.04	USA
Align Technology Inc	0.04	USA	Appian	<0.005	USA	Axonics Inc	0.01	USA
Alignment Healthcare	<0.005	USA	Apple Hospitality REIT	0.01	USA	Axos Financial	0.01	USA
Alimentation Couche Tard Inc	0.09	CANADA	Apple Inc.	5.91	USA	AXSOME THERAPEUTICS	0.01	USA
Alkermes plc	0.01	USA	Applied Industrial Technology	0.01	USA	Azenta Inc	0.01	USA
Allegiant Travel	<0.005	USA	Applied Materials	0.28	USA	Azz Inc	<0.005	USA
Allegion PLC	0.02	USA	Applavin	0.02	USA	B&G Foods	<0.005	USA
Allegra MicroSystems	<0.005	USA	Apptargroup	0.02	USA	B2Gold	0.01	CANADA

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Badger Meter	0.01	USA	Brunswick Corp	0.01	USA	Chipotle Mexican Grill	0.13	USA
Baker Hughes Company	0.07	USA	Buckle Inc	<0.005	USA	Choice Hotels International	0.01	USA
Balchem	0.01	USA	Builders FirstSource Inc.	0.04	USA	Choice Properties	0.01	CANADA
Ball Corp	0.04	USA	Bumble	<0.005	USA	Chord Energy Corp	0.01	USA
Ballard Power	<0.005	CANADA	Bunge Global SA	0.03	USA	Chubb Ltd	0.19	USA
BancFirst	<0.005	USA	Burlington Stores	0.03	USA	Church & Dwight	0.05	USA
Bank of America	0.48	USA	BWX Technologies	0.01	USA	Churchill Downs	0.02	USA
Bank of Hawaii	0.01	USA	C.H. Robinson Worldwide	0.02	USA	CI Financial	<0.005	CANADA
Bank of Montreal	0.15	CANADA	C3 ai	<0.005	USA	Ciena	0.01	USA
Bank of N.T. Butterfield & Son	<0.005	USA	Cable One	0.01	USA	Cimpress PLC	<0.005	USA
Bank of New York Mellon	0.08	USA	Cabot Corp	0.01	USA	Cincinnati Fin Cp	0.03	USA
Bank of Nova Scotia	0.12	CANADA	CACI Inc Cl A	0.01	USA	Cinemark Holdings Inc.	<0.005	USA
Bank OZK	0.01	USA	Cactus Class A	0.01	USA	Cintas Corp	0.11	USA
BankUnited	<0.005	USA	Cadence Bank	0.01	USA	Cirrus Logic	0.01	USA
Banner Corp	<0.005	USA	Cadence Design Systems	0.15	USA	Cisco Systems	0.43	USA
Barnes Group Inc	<0.005	USA	CAE	0.01	CANADA	Citigroup	0.2	USA
Barrick Gold	0.07	CANADA	Caesars Entertainment Inc	0.02	USA	Citizens Financial Group	0.03	USA
Bath & Body Works Inc	0.02	USA	California Resources	0.01	USA	City Holding	<0.005	USA
Bausch Health Companies	0.01	CANADA	California Water Service Group	0.01	USA	Civitas Resources Inc	0.01	USA
Baxter Intl	0.04	USA	Calix Networks	0.01	USA	Clarivate Plc (A)	0.01	USA
Baytex Energy	<0.005	CANADA	Callon Petroleum	<0.005	USA	Clean Harbors	0.02	USA
BCE Inc	0.03	CANADA	Cal-Maine Foods	<0.005	USA	Clear Secure Inc	<0.005	USA
Beacon Roofing Supply	0.01	USA	Camden Property	0.02	USA	Clearway Energy	<0.005	USA
Beam Therapeutics	<0.005	USA	Cameco Corp	0.04	CANADA	Clearway Energy (C)	<0.005	USA
Beauty Health Co	<0.005	USA	Campbell Soup	0.02	USA	Cleveland-Cliffs	0.02	USA
Becton Dickinson	0.15	USA	Canada Goose Holdings	<0.005	CANADA	Clorox	0.04	USA
Belden	0.01	USA	Canadian Apartment Props REIT	0.01	CANADA	Cloudflare	0.05	USA
BellRing Brands	0.02	USA	Canadian Imperial Bank of Commerce	0.09	CANADA	CME Group	0.16	USA
Benchmark Elect	<0.005	USA	Canadian National Railway	0.15	CANADA	CMS Energy Corp	0.04	USA
Bentley Systems	0.02	USA	Canadian Natural Resources	0.15	CANADA	CNA Financial Corp	<0.005	USA
Berkley W R	0.03	USA	Canadian Pacific Kansas City Limited	0.15	CANADA	CNH Industrial N.V.	0.02	USA
Berkshire Hathaway B	0.96	USA	Canadian Tire Corp A	0.01	CANADA	CNO Financial Group	0.01	USA
Berkshire Hathaway -CL A	0.39	USA	Canadian Western Bank	<0.005	CANADA	CNX Resources	0.01	USA
Berkshire Hills Bancorp	<0.005	USA	Canfor Corp	<0.005	CANADA	Coca Cola Europacific Partners plc	0.03	USA
Berry Global Group	0.02	USA	Cannae Holdings	<0.005	USA	Coca-Cola	0.48	USA
Best Buy Company	0.03	USA	Capital One Financial	0.1	USA	Coca-Cola Consolidated	0.01	USA
Beyond Inc	<0.005	USA	Capital Power	0.01	CANADA	Coeur Mining Inc	<0.005	USA
Beyond Meat	<0.005	USA	Capitol Federal Financial	<0.005	USA	Cogeco Communications Inc.	<0.005	CANADA
BGC Group Inc	0.01	USA	Capri Holdings Limited	0.01	USA	Cogent Communications Holdings	0.01	USA
BigCommerce Holdings	<0.005	USA	Capstone Copper Corp	<0.005	CANADA	Cognex Corp	0.01	USA
BILL Holdings Inc	0.02	USA	Cardinal Health	0.05	USA	Cognizant Tech Solutions	0.08	USA
Biocryst Pharm	<0.005	USA	CareTrust REIT	<0.005	USA	Cohen & Steers	<0.005	USA
Biogen	0.08	USA	Cargojet	<0.005	CANADA	Coherent Corp	0.01	USA
Biohaven Ltd	0.01	USA	CarGurus Class A	<0.005	USA	Coinbase Global	0.06	USA
BioMarin Pharm	0.04	USA	Carlisle Cos Inc	0.03	USA	Colgate-Palmolive	0.14	USA
Bio-Rad Labs A	0.01	USA	Carlyle Group Inc	0.02	USA	Colliers International Group	0.01	CANADA
Bio-Techne	0.02	USA	Carmax Inc	0.03	USA	Columbia Banking System	0.01	USA
BJ's Wholesale Club Holdings	0.02	USA	Carnival Corp A	0.04	USA	Columbia Financial	<0.005	USA
Black Hills Corp	0.01	USA	Carpenter Tech	0.01	USA	Columbia Sportswear Co	0.01	USA
Blackbaud	0.01	USA	Carrier Global	0.1	USA	Comcast A	0.36	USA
Blackberry Ltd.	<0.005	CANADA	Carters	0.01	USA	Comerica	0.02	USA
BlackLine	0.01	USA	Carvana	0.01	USA	Comfort Systems USA	0.02	USA
Blackrock Inc	0.25	USA	Casava Sciences Warrants	<0.005	USA	Commerce Bancshares	0.01	USA
Blackstone Inc	0.19	USA	Cascades Inc	<0.005	CANADA	Commercial Metals	0.01	USA
Blackstone Mortgage Trust	0.01	USA	Casella Waste	0.01	USA	CommScope Holding Company	<0.005	USA
Block (H & R) NPV	0.01	USA	Caseys General Stores	0.02	USA	Community Bank Sys	0.01	USA
Block Inc (A)	0.09	USA	Cassava Sciences	<0.005	USA	CommVault Systems	0.01	USA
Bloom Energy	0.01	USA	Catalent	0.02	USA	Compass Minerals International	<0.005	USA
Bloomin Brands	0.01	USA	Caterpillar	0.31	USA	Comstock Rscs	<0.005	USA
Blueprint Medicines	0.01	USA	Cathay Bancorp	0.01	USA	ConAgra Brands Inc	0.03	USA
Boardwalk Real Estate Investment Trust	<0.005	CANADA	Cavco Industries	0.01	USA	Concentrix	0.01	USA
Boeing	0.3	USA	CBIZ	0.01	USA	Confluent	0.01	USA
Boise Cascade Company	0.01	USA	Cboe Global Markets	0.04	USA	Conmed Corp	0.01	USA
BOK Financial Corp	0.01	USA	CBRE Group	0.06	USA	ConocoPhillips	0.29	USA
Bombardier B	0.01	CANADA	CCC Intelligent Solutions Holdings Inc (A)	<0.005	USA	Cons Edison Holding	0.07	USA
Booking Holdings	0.26	USA	CDW	0.06	USA	CONSOL Energy	0.01	USA
Boot Barn Holdings	<0.005	USA	Celanese	0.03	USA	Constellation Brands A	0.08	USA
Booz Allen Hamilton	0.03	USA	Celestica	0.01	CANADA	Constellation Energy	0.08	USA
Borallex Cl A	<0.005	CANADA	Celsius Holdings Inc.	0.02	USA	Constellation Software	0.1	CANADA
BorgWarner	0.02	USA	Cencora Inc	0.07	USA	Constellium SE	0.01	USA
Boston Beer	0.01	USA	Genovus Energy	0.05	CANADA	Cooper Cos Inc	0.04	USA
Boston Properties	0.02	USA	Centene Corp	0.08	USA	Copart Inc	0.09	USA
Boston Scientific Corp	0.18	USA	CenterPoint Energy	0.04	USA	COPT Defense Properties	0.01	USA
Box Inc	0.01	USA	Centerra Gold	<0.005	CANADA	Corcept Therapeutics	0.01	USA
Boyd Gaming	0.01	USA	Centerspace	<0.005	USA	Core & Main	0.01	USA
Boyd Group Services	0.01	CANADA	Central Garden & Pet Co A	<0.005	USA	Core Laboratories	<0.005	USA
Brandywine Rlty	<0.005	USA	Century Aluminium	<0.005	USA	Corebridge Financial Inc	0.01	USA
Braze	0.01	USA	Century Communities	0.01	USA	CoreCivic	<0.005	USA
Bread Financial Holding Inc	<0.005	USA	Cerence	<0.005	USA	Corning	0.05	USA
BridgeBio Pharma	0.01	USA	Cerevel Therapeutics Holdings (A)	0.01	USA	Corteva	0.07	USA
Bright Horizons Family Solutions	0.01	USA	Ceridian HCM Holding	0.02	USA	CorVel Corp	<0.005	USA
Brighthouse Financial	0.01	USA	Certara	<0.005	USA	CoStar Group	0.07	USA
BrightSphere Investment Group Inc	<0.005	USA	CF Industries Holdings	0.03	USA	Costco Wholesale Corp	0.61	USA
BrightSpire Capital Inc (A)	<0.005	USA	CGI	0.05	CANADA	Coterra Energy Inc	0.04	USA
Brinker International	<0.005	USA	ChampionX Corporation	0.01	USA	Coty	0.01	USA
Brinks Co	0.01	USA	ChargePoint Holdings Inc (A)	<0.005	USA	Coupang	0.04	USA
Bristol Myers Squibb	0.22	USA	Charles River Laboratories	0.02	USA	Coursera	0.01	USA
Brixmor Property Group	0.01	USA	Chart Industries Inc.	0.01	USA	Cousins Property	0.01	USA
Broadcom	1	USA	Charter Communications Inc. Cl A	0.08	USA	Cracker Barrel Old Country Store	<0.005	USA
Broadridge Financial Solutions	0.05	USA	Chartwell Retirement Residences	<0.005	CANADA	Crane Company	0.01	USA
Broadstone Net Lease	0.01	USA	Check Point Software	0.03	USA	Crane NXT Co	0.01	USA
Brookfield Asset Management Ltd TSX	0.02	CANADA	Cheesecake Factory (The)	<0.005	USA	Credicorp	0.02	USA
Brookfield Corporation	0.13	CANADA	Chegg	<0.005	USA	Credit Acceptance Cp	0.01	USA
Brookfield Infrastructure	0.01	CANADA	Chemd	0.02	USA	Crescent Point Energy	0.01	CANADA
Brookfield Renewable Corporation	0.01	CANADA	Chemours Company	0.01	USA	CRISPR Therapeutics	0.01	USA
Brookline Bancorp Inc	<0.005	USA	Cheniere Energy	0.09	USA	Crocs	0.01	USA
Brown & Brown	0.04	USA	Chesapeake Energy	0.02	USA	Cronos Group	<0.005	CANADA
Brown-Forman B	0.02	USA	Chesapeake Utilities Corp	<0.005	USA	CrowdStrike Holdings	0.11	USA
BRP	0.01	CANADA	Chevron	0.53	USA	Crown Castle Inc	0.1	USA
Bruker	0.02	USA	Chimera Investment	<0.005	USA	Crown Holdings	0.02	USA

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CryoPort Inc.	<0.005	USA	Emera Inc	0.02	CANADA	Five9	0.01	USA
CSG Systems Intl	<0.005	USA	Emerson Electric	0.12	USA	Fiverr International	<0.005	USA
CSX Corp	0.14	USA	Empire State Realty Trust	<0.005	USA	Fleetcor Technologies	0.04	USA
CTS	<0.005	USA	Employers Holdings	<0.005	USA	Flex	0.03	USA
CubeSmart	0.02	USA	Enbridge	0.16	CANADA	Floor & Decor Holdings	0.02	USA
Cullen Frost Bankers	0.01	USA	Encompass Health	0.01	USA	Flowers Foods Inc	0.01	USA
Cummins	0.07	USA	Encore Capital Group	<0.005	USA	Flowserve Cp	0.01	USA
CureVac NV	<0.005	USA	Encore Wire	0.01	USA	Fluence Energy	<0.005	USA
Curtiss Wright	0.02	USA	Energizer Holdings	<0.005	USA	Fluor Corporation	0.01	USA
Cushman & Wakefield	<0.005	USA	Enerpac Tool Group Corp	<0.005	USA	Flywire	0.01	USA
CVB Financial	0.01	USA	Enelplus	0.01	CANADA	FMC Corp	0.02	USA
CVR Energy	<0.005	USA	EnerSys	0.01	USA	FNF Group	0.03	USA
CVS Health Corporation	0.21	USA	Enghouse Sys	<0.005	CANADA	Foot Locker Inc	0.01	USA
CyberArk Software	0.02	USA	Enovis Corporation	0.01	USA	Ford Motor Company	0.1	USA
Cytokinetics	0.02	USA	Enovix Corp	<0.005	USA	Formfactor	0.01	USA
D.R. Horton Inc	0.1	USA	Enphase Energy Inc	0.04	USA	Fortinet	0.08	USA
Dana	<0.005	USA	Enpro Inc	0.01	USA	Fortis Inc	0.04	CANADA
Danaher Corp	0.32	USA	Ensign Group	0.01	USA	Fortive	0.05	USA
Darden Restaurants	0.04	USA	Enstar Group	0.01	USA	Fortrea	0.01	USA
Darling Ingredients	0.02	USA	Entegris Inc	0.04	USA	Forward Air Corp	<0.005	USA
Datadog	0.07	USA	Entergy Corp	0.04	USA	Fotrune Brands Innovations Inc	0.02	USA
Dave & Busters Entertainment	<0.005	USA	Envestnet	0.01	USA	Four Corners Property Trust	<0.005	USA
DaVita	0.01	USA	Envista Holdings	0.01	USA	Fox Corporation Class A	0.02	USA
Deckers Outdoor	0.04	USA	Enviva Inc	<0.005	USA	Fox Corporation Class B	0.01	USA
Deere & Co	0.22	USA	EOG Resources	0.15	USA	Fox Factory Holding	0.01	USA
Definity Financial	<0.005	CANADA	Epam Systems	0.03	USA	Franco-Nevada	0.04	CANADA
Delek US Holdings	<0.005	USA	EPR Properties	0.01	USA	Franklin Elec	0.01	USA
Delta Air Lines	0.01	USA	EQT Corporation	0.03	USA	Franklin Resources	0.02	USA
Deluxe Corp	<0.005	USA	Equifax	0.06	USA	Freedom Holding Corp	<0.005	USA
Denali Therapeutics	0.01	USA	Equinix Inc	0.16	USA	Freeport-McMoRan	0.13	USA
DENTSPLY SIRONA	0.02	USA	Equinox Gold	<0.005	CANADA	Fresh Del Monte	<0.005	USA
Descartes Sys	0.01	CANADA	Equitable Holdings	0.02	USA	Freshpet	0.01	USA
Devon Energy	0.06	USA	Equitrans Midstream	0.01	USA	Freshworks	0.01	USA
DexCom	0.1	USA	Equity Commonwealth	<0.005	USA	frontdoor	0.01	USA
Diamondback Energy	0.06	USA	Equity Lifestyle Properties	0.03	USA	Frontier Communications Parent Inc	0.01	USA
Diamondrock Hospitality	<0.005	USA	Equity Residential	0.05	USA	FTAI Aviation Ltd	0.01	USA
Dick's Sporting Goods Inc	0.02	USA	ESAB Corporation	0.01	USA	FTI Consulting	0.01	USA
Digital Realty Trust	0.08	USA	ESCO Technologies	0.01	USA	FuelCell Energy	<0.005	USA
Digital Turbine	<0.005	USA	Essent Group	0.01	USA	FULGENT GENETICS	<0.005	USA
DigitalBridge Group Inc	0.01	USA	Essential Properties Realty Trust	0.01	USA	Fuller H B Co	0.01	USA
DigitalOcean Holdings	<0.005	USA	Essential Utilities Inc	0.02	USA	Fulton Financial Corp	0.01	USA
Dillard's Inc	<0.005	USA	Essex Prop Trust	0.03	USA	GameStop Corp	0.01	USA
Dine Brands Global	<0.005	USA	Etsy	0.02	USA	Gaming & Leisure Properties	0.03	USA
Diodes Inc	0.01	USA	Euronet Worldwide	0.01	USA	Gap	0.01	USA
Discover Financial Services	0.06	USA	Everbridge	<0.005	USA	Garmin Ltd	0.04	USA
Dish Network	<0.005	USA	Evercore	0.01	USA	Gartner	0.07	USA
Disney (Walt) Company	0.34	USA	Everest Group Ltd	0.03	USA	Gates Industrial	<0.005	USA
DLocal	<0.005	USA	Evergy	0.02	USA	GATX Corp	0.01	USA
DocuSign	0.03	USA	Eversource Energy	0.04	USA	GE HealthCare Technologies	0.06	USA
Dolby Labs A	0.01	USA	EVERTEC	0.01	USA	Gen Digital Inc	0.03	USA
Dollar General	0.06	USA	Evolut Health	0.01	USA	Generac Holdings	0.02	USA
Dollar Tree	0.06	USA	Exact Sciences	0.03	USA	General Dynamics Corp	0.13	USA
Dollarama Inc	0.04	CANADA	Exelixis Inc	0.02	USA	General Electric	0.29	USA
Dominion Energy	0.08	USA	Exelon Corporation	0.07	USA	General Mills	0.08	USA
Domino's Pizza	0.03	USA	ExlService Holdings	0.01	USA	General Motors	0.1	USA
Donaldson Co Inc	0.02	USA	eXp World Holdings	<0.005	USA	Genpact	0.01	USA
DoorDash	0.06	USA	Expedia Group	0.04	USA	Gentex Corp	0.02	USA
Dorman Products	<0.005	USA	Expeditors Intl Washington	0.04	USA	Gentherm	<0.005	USA
DoubleVerify Holdings	0.01	USA	Exponent Inc	0.01	USA	Genuine Parts	0.04	USA
Douglas Emmett	<0.005	USA	Extra Space Storage	0.07	USA	Genworth Financial Class A	0.01	USA
Dover Corp	0.04	USA	Extreme Networks	<0.005	USA	Geo Group	<0.005	USA
Dow Inc	0.08	USA	Exxon Mobil Corporation	0.84	USA	Getty Realty	<0.005	USA
Doximity	0.01	USA	F&G Annuities & Life	<0.005	USA	GFL Environmental Holdings	0.01	CANADA
DraftKings Inc (A)	0.03	USA	F.N.B. Corporation	0.01	USA	Gibraltar Industries	<0.005	USA
Dream Industrial REIT	0.01	CANADA	F5 Inc	0.02	USA	Gibson Energy	<0.005	CANADA
Driven Brands Holdings	<0.005	USA	Fabrinet	0.01	USA	G-III Apparel	<0.005	USA
Dropbox	0.02	USA	Factset Research Systems	0.04	USA	Gildan Activewear	0.01	CANADA
DT Midstream	0.01	USA	Fair Isaac	0.06	USA	Gilead Sciences	0.21	USA
DTE Energy	0.05	USA	Fairfax Financial Holdings	0.04	CANADA	Ginkgo Bioworks Holdings Inc (A)	0.01	USA
Duke Energy Corp	0.16	USA	Fastenal Co	0.08	USA	GitLab	0.01	USA
Dun and Bradstreet Holdings	0.01	USA	Fastly	<0.005	USA	Glacier Bancorp	0.01	USA
Duolingo	0.01	USA	Federal Realty Invs	0.02	USA	Glaukos	0.01	USA
DuPont de Nemours	0.07	USA	Federal Signal	0.01	USA	Global E Online	0.01	USA
DXC Technology Company	0.01	USA	Fedex Corporation	0.12	USA	Global Net Lease	<0.005	USA
Dycorn Inds Inc	0.01	USA	Fidelity Natl Information Services	0.07	USA	Global Payments Inc	0.07	USA
Dye and Durham	<0.005	CANADA	Fifth Third Bancorp	0.05	USA	GlobalFoundries	0.01	USA
Dynatrace	0.03	USA	Figs Inc	<0.005	USA	Globant SA	0.02	USA
e.l.f Beauty	0.02	USA	Finning International	0.01	CANADA	Globe Life	0.02	USA
E2open Parent Holdings Inc (A)	<0.005	USA	First American Financial	0.01	USA	Globus Medical	0.01	USA
Eagle Materials	0.01	USA	First Bancorp Puerto Rico	0.01	USA	GoDaddy	0.03	USA
East West Bancorp	0.02	USA	First Capital Real Estate Investment Trust	0.01	CANADA	Golar LNG Ltd.	<0.005	USA
Eastern Bankshares	<0.005	USA	First Citizens BancSh A	0.03	USA	Golden Ocean Group Limited	<0.005	USA
Eastgroup Properties	0.02	USA	First Commonwealth Fin	<0.005	USA	Goldman Sachs Group	0.26	USA
Eastman Chemical	0.02	USA	First Financial Bancorp	<0.005	USA	Goodyear Tire & Rubber	0.01	USA
Eaton Corp PLC	0.2	USA	First Finl Bankshares	0.01	USA	Grab Holdings Limited (A)	0.02	USA
Ebay	0.05	USA	First Hawaiian	0.01	USA	Graco Inc	0.03	USA
Ecolab	0.1	USA	First Horizon Corporation	0.02	USA	GRAFTECH INTERNATIONAL	<0.005	USA
Edgewell Personal Care	<0.005	USA	First Industrial Realty Trust	0.01	USA	Graham Holdings	0.01	USA
Edison International	0.06	USA	First Interstate Bancsystem	0.01	USA	Grainger (W W)	0.08	USA
Edwards Lifesciences	0.1	USA	First Majestic Silver	<0.005	CANADA	Grand Canyon Education Inc.	0.01	USA
Elanco Animal Health	0.02	USA	First Merchants	<0.005	USA	Granite Construction	<0.005	USA
Elastic N.V.	0.02	USA	First National Financial	<0.005	CANADA	Granite Real Estate	0.01	CANADA
Eldorado Gold	0.01	CANADA	First Quantum Minerals	0.01	CANADA	Graphic Packaging Holding	0.02	USA
Electronic Arts	0.08	USA	First Solar Inc	0.04	USA	Gray Television Inc	<0.005	USA
Element Fleet Management	0.01	CANADA	FirstCash Holdings Inc	0.01	USA	Great-West Lifeco	0.02	CANADA
Element Solutions	0.01	USA	Firstenergy Corp.	0.04	USA	Green Brick Partners	<0.005	USA
Elevance Health Inc	0.23	USA	FirstService Corporation	0.01	CANADA	Green Dot	<0.005	USA
Elme Communities	<0.005	USA	Fiserv Inc	0.17	USA	Greenbrier Co	<0.005	USA
Embecka	<0.005	USA	Fisker Inc (A)	<0.005	USA	Greif Inc A	<0.005	USA
EMCOR Group	0.02	USA	Five Below	0.02	USA	Griffon	0.01	USA

Constituent	Index weight (%)	Country	Constituent	Index weight (%)	Country	Constituent	Index weight (%)	Country
Grocery Outlet Holding	0.01	USA	Ingredion	0.01	USA	Krispy Kreme	<0.005	USA
Group 1 Auto	0.01	USA	InMode	<0.005	USA	Kroger	0.06	USA
Guardant Health	0.01	USA	Innervex Renewable Energy	<0.005	CANADA	Krystal Biotech	0.01	USA
Guess Inc	<0.005	USA	Innospec	0.01	USA	Kulicke Soffa	0.01	USA
Guidewire Software	0.02	USA	Innovative Industrial Properties	0.01	USA	Kymera Therapeutics	<0.005	USA
GXO Logistics	0.01	USA	Innoviva	<0.005	USA	Kyndryl Holdings	0.01	USA
Gypsum Management and Supply	0.01	USA	Insight Enterprises	0.01	USA	L3Harris Technologies	0.08	USA
H & R REIT	<0.005	CANADA	Insmed Inc	0.01	USA	Laboratory Corp of America	0.04	USA
H&E Equipment Services	<0.005	USA	Insperty	0.01	USA	Ladder Capital	<0.005	USA
Haemonetics	0.01	USA	Inspire Medical Systems	0.01	USA	Lam Research	0.21	USA
Hain Celestial	<0.005	USA	Installed Building Products	0.01	USA	Lamar Advertising	0.02	USA
Halliburton	0.07	USA	Insulet Corp.	0.03	USA	Lamb Weston Holdings	0.03	USA
Halozyme Therapeutics	0.01	USA	Intact Financial	0.06	CANADA	Lancaster Colony	0.01	USA
Hamilton Lane Class A	0.01	USA	Integer Holdings	0.01	USA	Landstar Sys	0.01	USA
Hancock Whitney	0.01	USA	Integra Lifesciences Holding	0.01	USA	Lantheus Holdings	0.01	USA
Hanesbrands	<0.005	USA	Intel Corp	0.44	USA	Las Vegas Sands	0.04	USA
Hannon Armstrong Sustainable Infrastructure Capital	0.01	USA	Intellia Therapeutics	0.01	USA	Lattice Semiconductor	0.02	USA
Hanover Insurance Gp	0.01	USA	Inter Parfums	0.01	USA	Lauder (Estee)	0.07	USA
Harley-Davidson	0.01	USA	Interactive Brokers Group	0.02	USA	Laureate Education	<0.005	USA
Harmony Biosciences Holdings	<0.005	USA	Intercontinental Exchange	0.15	USA	Laurentian Bank of Canada	<0.005	CANADA
Hartford Financial Services Group	0.05	USA	InterDigital	0.01	USA	Lazard Class A	0.01	USA
Hasbro	0.01	USA	International Bus Machns.	0.31	USA	La-Z-Boy Inc	<0.005	USA
HashiCorp	<0.005	USA	International Game Technology PLC	0.01	USA	LCI Industries	0.01	USA
Hawaiian Electric	<0.005	USA	International Paper	0.03	USA	Lear Corp	0.02	USA
Hayward Holdings	<0.005	USA	Interpublic Group Cos	0.03	USA	LegalZoom.com Inc	<0.005	USA
HCA Healthcare	0.11	USA	Intl Bancshares	0.01	USA	Leggett & Platt	0.01	USA
Healthcare Realty Trust Inc	0.01	USA	Intl Flavours & Fragrances	0.04	USA	Leidos Holdings	0.03	USA
Healthcare Services	<0.005	USA	Intra-Cellular Therapies	0.01	USA	Lemonade	<0.005	USA
HealthEquity	0.01	USA	Intuit	0.36	USA	Lennar Class A	0.08	USA
Healthpeak Properties Inc	0.02	USA	Intuitive Surgical	0.25	USA	Lennar Corp. Cl B	<0.005	USA
Heartland Express	<0.005	USA	Invesco Limited	0.01	USA	Lennox Intl Inc	0.03	USA
Heartland Financial	<0.005	USA	Invitation Homes	0.04	USA	Leslies	<0.005	USA
Hecla Mining Co	0.01	USA	Ionis Pharmaceuticals	0.01	USA	LGI Homes	0.01	USA
Heico Cl A	0.02	USA	IonQ Inc (A)	<0.005	USA	Liberty Broadband Series A	<0.005	USA
Heico Corp	0.02	USA	Iovance Biotherapeutics	<0.005	USA	Liberty Broadband Series C	0.02	USA
Helen Of Troy Ltd	0.01	USA	IPG Photonics	0.01	USA	Liberty Energy Inc (A)	0.01	USA
Helios Technologies	<0.005	USA	IQVIA Holdings	0.09	USA	Liberty Formula One Series A	<0.005	USA
Helmerich & Payne	0.01	USA	iRhythm Technologies	0.01	USA	Liberty Formula One Series C	0.03	USA
Henry (Jack) & Associates	0.02	USA	Iridium Communications Inc	0.01	USA	Liberty Global Ltd	0.01	USA
Henry Schein	0.02	USA	iRobot	<0.005	USA	Liberty Global Ltd	0.01	USA
Herbalife Ltd	<0.005	USA	Iron Mountain	0.04	USA	Liberty Latin America A	<0.005	USA
Herc Holding	0.01	USA	Ironwood Pharmaceuticals	<0.005	USA	Liberty Latin America C	<0.005	USA
Hershey Company	0.06	USA	Itron Inc	0.01	USA	Liberty Live CL A	<0.005	USA
Hertz Global Holdings	<0.005	USA	ITT Inc.	0.02	USA	Liberty Live CL C	<0.005	USA
Hess Corp.	0.08	USA	Ivanhoe Mines	0.01	CANADA	LIBERTY SIRIUSXM SERIES A	<0.005	USA
Hewlett Packard Enterprise	0.05	USA	J & J Snack Foods	0.01	USA	LIBERTY SIRIUSXM SERIES C	0.01	USA
Hexcel	0.01	USA	J M Smucker	0.03	USA	LifeStance Health Group	<0.005	USA
HF Sinclair Corporation	0.02	USA	Jabil	0.03	USA	Ligand Pharm B	<0.005	USA
Highwoods Prop	<0.005	USA	Jack In The Box	<0.005	USA	Light & Wonder Inc	0.02	USA
Hillenbrand	0.01	USA	Jackson Financial	0.01	USA	Lightspeed Commerce Inc	0.01	CANADA
Hilltop Holdings	<0.005	USA	Jacobs Solutions Inc	0.03	USA	Lilly (Eli) & Co	1.03	USA
Hilton Grand Vacations	0.01	USA	Jamf Holding	<0.005	USA	Linamar Corp	<0.005	CANADA
Hilton Worldwide	0.09	USA	Janus Henderson Group	0.01	USA	Lincoln Electric Holdings	0.03	USA
HNI Corporation	<0.005	USA	Jazz Pharmaceuticals	0.02	USA	Lincoln National Corp	0.01	USA
Hologic Inc	0.04	USA	JBG SMITH Properties	<0.005	USA	Linde plc	0.41	USA
Home BancShares	0.01	USA	Jefferies Financial Group	0.02	USA	Lindsay Corporation	<0.005	USA
Home Depot	0.72	USA	JELD-WEN Holding	<0.005	USA	Lions Gate Entertainment Class A	<0.005	USA
Honeywell International Incorporation	0.29	USA	Jetblue Airways Corp	<0.005	USA	Lions Gate Entertainment Class B	<0.005	USA
Hope Bancorp	<0.005	USA	JFrog	0.01	USA	Lithia Motors	0.02	USA
Horace Mann Educators	<0.005	USA	Joby Aviation Inc	<0.005	USA	Lithium Americas Corp	<0.005	CANADA
Hormel Foods	0.02	USA	John Bean Technologies	0.01	USA	Lithium Argentina Corp	<0.005	CANADA
Host Hotels & Resorts	0.03	USA	Johnson & Johnson	0.79	USA	Littelfuse	0.01	USA
Houlihan Lokey	0.01	USA	Johnson Controls International PLC	0.08	USA	LivaNova	0.01	USA
Howmet Aerospace Inc	0.04	USA	Jones Lang Lasalle	0.02	USA	Live Nation Entertainment	0.03	USA
HP	0.05	USA	JPMorgan Chase & Co	1.02	USA	Live Oak Bancshares	<0.005	USA
Hub Group A	0.01	USA	Juniper Networks	0.02	USA	Livent	0.01	USA
Hubbell	0.04	USA	Kadant Inc	0.01	USA	LiveRamp Holdings	0.01	USA
HubSpot	0.06	USA	Kaiser Aluminum	<0.005	USA	LKQ	0.03	USA
HudBay Minerals	<0.005	CANADA	Karuna Therapeutics	0.02	USA	Loblaw Companies	0.03	CANADA
Humana	0.12	USA	KB Home	0.01	USA	Lockheed Martin Corp	0.21	USA
Hunt (JB) Transport Services	0.03	USA	KBR	0.02	USA	Loew's	0.03	USA
Huntington Bancshares	0.04	USA	Kellanova	0.03	USA	Louisiana-Pacific	0.01	USA
Huntington Ingalls Industries	0.02	USA	Kemper Corp	0.01	USA	Lowes Cos Inc	0.27	USA
Huntsman	0.01	USA	Kennametal Inc	<0.005	USA	LPL Financial Holdings	0.04	USA
Huron Consulting Group	<0.005	USA	Kennedy-Wilson Holdings Inc	<0.005	USA	LTC Properties	<0.005	USA
Hyatt Hotels	0.01	USA	Keurig Dr Pepper	0.07	USA	Lucid Group Inc (A)	0.01	USA
Hydro One	0.02	CANADA	Keycorp	0.03	USA	lululemon athletica inc.	0.12	USA
IA Financial	0.01	CANADA	Keyera Corp	0.01	CANADA	Lumen Technologies Inc	<0.005	USA
IAC Inc	0.01	USA	Keysight Technologies	0.06	USA	Lumentum Holdings	0.01	USA
IAMGOLD	<0.005	CANADA	Kilroy Realty	0.01	USA	Luminar Technologies Inc (A)	<0.005	USA
Icon PLC	0.05	USA	Kimberly-Clark	0.09	USA	Lundin Gold	<0.005	CANADA
ICU Medical	<0.005	USA	Kimco Realty Cp	0.03	USA	Lundin Mining	0.01	CANADA
Idacorp Inc	0.01	USA	KINAXIS INC	0.01	CANADA	LXP Industrial Trust	0.01	USA
IDEX Corp	0.03	USA	Kinder Morgan	0.07	USA	Lyft	0.01	USA
Idexx Labs	0.1	USA	Kinross Gold	0.02	CANADA	LyondellBasell Industries Cl A	0.05	USA
IGM Financial	<0.005	CANADA	Kinsale Capital Group	0.02	USA	M&T Bank	0.05	USA
Illinois Tool Wks	0.16	USA	Kirby Corp	0.01	USA	Macerich	0.01	USA
Illumina Inc	0.05	USA	Kite Realty Group Trust	0.01	USA	MACOM Technology Solutions Holdings	0.01	USA
Imax Corp	<0.005	USA	KKR & Co Inc	0.11	USA	Macys	0.01	USA
Immunogen Inc	0.01	USA	KLA Corporation	0.17	USA	Madison Square Garden Entertainment Corp	<0.005	USA
Imperial Oil	0.02	CANADA	Knife River Corporation	0.01	USA	Madison Square Garden Sports Corp	0.01	USA
IMPINJ INC	<0.005	USA	Knight-Swift Transportation Holdings	0.02	USA	Madrigal Pharmaceuticals	0.01	USA
Inari Medical	0.01	USA	Knowles Corp.	<0.005	USA	Magna International Inc.	0.03	CANADA
Incyte	0.02	USA	Kohl's Corp	0.01	USA	Magnite Inc	<0.005	USA
Independence Realty Trust	0.01	USA	Kontoor Brands	0.01	USA	Magnolia Oil & Gas Corporation (A)	0.01	USA
Independent Bank Group Inc	<0.005	USA	Korn Ferry	0.01	USA	Manhattan Assoc	0.03	USA
Independent Bank Mass	0.01	USA	Kornit Digital	<0.005	USA	ManpowerGroup	0.01	USA
Ingersoll-Rand Inc	0.07	USA	Kosmos Energy	0.01	USA	Manulife Financial	0.08	CANADA
Ingevity	<0.005	USA	Kraft Heinz	0.06	USA	Maple Leaf Foods Inc	<0.005	CANADA
			Kratos Defense & Security Solutions	0.01	USA	Marathon Oil Corp	0.03	USA

Constituent	Index weight (%)	Country	Constituent	Index weight (%)	Country	Constituent	Index weight (%)	Country
Marathon Petroleum	0.12	USA	National Beverage	<0.005	USA	Ormat Technologies	0.01	USA
Maravai LifeSciences Holdings	<0.005	USA	National Health Investors	<0.005	USA	Oshkosh	0.01	USA
Marcus & Millichap	<0.005	USA	National Storage Affiliates Trust	0.01	USA	OSI Systems Inc	<0.005	USA
Markel Group Inc	0.04	USA	National Vision Holdings	<0.005	USA	Osisko Gold Royalties	0.01	CANADA
MarketAxess Holdings	0.02	USA	Natl Fuel Gas Co	0.01	USA	Otis Worldwide	0.08	USA
Marqeta	0.01	USA	Navient Corp	<0.005	USA	Otter Tail Cp	0.01	USA
Marriott International	0.11	USA	NBT Bancorp Inc.	<0.005	USA	Outfront Media	<0.005	USA
Marriott Vacations Worldwide	0.01	USA	nCino	<0.005	USA	Ovintiv Inc	0.02	USA
Marsh & McLennan	0.2	USA	NCR Atleos Corporation	<0.005	USA	Owens & Minor	<0.005	USA
Martin Marietta Materials	0.06	USA	NCR Voyix Corp	<0.005	USA	Owens Corning	0.03	USA
Marvell Technology	0.11	USA	Nelnet Class A	<0.005	USA	Oxford Industries	<0.005	USA
Masco Corp	0.03	USA	Neogen Corp	0.01	USA	Paccar	0.1	USA
Masimo	0.01	USA	NeoGenomics Inc.	<0.005	USA	Pacific Biosciences of California	0.01	USA
Masonite International Corp	<0.005	USA	Net Lease Office Properties	<0.005	USA	Pacific Premier Bancorp Inc	0.01	USA
Mastec Inc	0.01	USA	NetApp	0.04	USA	Pacira BioSciences	<0.005	USA
MasterBrand Inc	<0.005	USA	Netflix Inc	0.44	USA	Packaging Corp of America	0.03	USA
Mastercard CL A	0.74	USA	Netscout Sys	<0.005	USA	PagerDuty	<0.005	USA
Matador Resources	0.01	USA	Neurocrine Biosciences	0.03	USA	PagSeguro Digital Ltd	0.01	USA
Match Group	0.02	USA	Nevro	<0.005	USA	Palantir Technologies	0.07	USA
Materion	0.01	USA	New Fortress Energy	0.01	USA	Palo Alto Networks	0.19	USA
Mativ Holdings Inc	<0.005	USA	New Jersey Res	0.01	USA	Palomar Holdings	<0.005	USA
Matson Inc.	<0.005	USA	New York Community Bancorp	0.02	USA	Pan American Silver	0.01	CANADA
Mattel	0.01	USA	New York Times CL A	0.02	USA	Papa John's International	0.01	USA
Matterport Inc (A)	<0.005	USA	Newell Brands	0.01	USA	Paramount Global (B)	0.02	USA
Matthews Intl A	<0.005	USA	Newmark Group	<0.005	USA	Paramount Group	<0.005	USA
Maximus	0.01	USA	NewMarket	0.01	USA	Paramount Res Class A	<0.005	CANADA
MaxLinear	<0.005	USA	Newmont Corporation	0.1	USA	Parex Resources Inc	<0.005	CANADA
McCormick & Co	0.04	USA	News Corporation CI A	0.02	USA	Park Hotels & Resorts	0.01	USA
McDonalds Corp	0.45	USA	News Corporation CI B	0.01	USA	Park National	<0.005	USA
McGrath Rent Corp	0.01	USA	Nexstar Media Group Inc.	0.01	USA	Parker-Hannifin	0.12	USA
McKesson	0.13	USA	NextEra Energy Inc	0.26	USA	Parkland Corporation	0.01	CANADA
MDC Holdings Inc	0.01	USA	NEXTracker	<0.005	USA	Parsons	0.01	USA
MDU Resources	0.01	USA	Nike Inc CI B	0.27	USA	Patrick Industries	<0.005	USA
Medical Properties Trust	0.01	USA	Nikola Corporation	<0.005	USA	Patterson Cos	0.01	USA
Medfast Inc	<0.005	USA	Nisource	0.02	USA	Patterson-UTI Energy	0.01	USA
Medpace Holdings	0.01	USA	NMI Holdings Inc	<0.005	USA	Paychex	0.08	USA
Medtronic plc	0.23	USA	NNN REIT Inc	0.02	USA	Paycom Software	0.02	USA
MEG Energy	0.01	CANADA	Noble	0.01	USA	Paycor HCM	<0.005	USA
MercadoLibre Inc.	0.15	USA	NOMAD FOODS LTD	<0.005	USA	Paylocity Holding	0.01	USA
Merck & Co	0.58	USA	Nordson Cp	0.03	USA	PayPal Holdings	0.14	USA
Mercury General	<0.005	USA	Nordstrom	<0.005	USA	PBF Energy	0.01	USA
Mercury Systems	<0.005	USA	Norfolk Stn Corp	0.11	USA	Peabody Energy Corp	0.01	USA
Merit Medical Systems	0.01	USA	North West Company	<0.005	CANADA	Pebblebrook Hotel Trust	<0.005	USA
Meritage Homes	0.01	USA	Northern Oil And Gas	0.01	USA	Pediatric Medical Group Inc	<0.005	USA
Meta Platforms Inc	1.63	USA	Northern Trust	0.04	USA	Pegasystems Inc	<0.005	USA
Methanex Corp.	0.01	CANADA	Northland Power	0.01	CANADA	Peloton Interactive	<0.005	USA
Methode Electronics	<0.005	USA	Northrop Grumman Corp	0.14	USA	Pembina Pipeline	0.04	CANADA
Metlife	0.09	USA	Northwest Bancshares	<0.005	USA	PENN Entertainment Inc	0.01	USA
Metro Inc.	0.02	CANADA	Northwest Healthcare Properties REIT	<0.005	CANADA	PennyMac Financial Services	<0.005	USA
Mettler-Toledo	0.05	USA	Northwest Natural Holding Company	<0.005	USA	PennyMac Mortgage Investment Trust	<0.005	USA
MFA Financial	<0.005	USA	NorthWestern Energy Group Inc	0.01	USA	Penske Automotive Group	0.01	USA
MGE Energy	0.01	USA	Norwegian Cruise Line	0.02	USA	Pentair plc	0.02	USA
MGIC Investment	0.01	USA	NOV Inc	0.02	USA	Penumbra	0.02	USA
MGM Resorts International	0.03	USA	Novagold Res	<0.005	CANADA	Pepsico	0.49	USA
MGP Ingredients	<0.005	USA	Novanta Inc	0.01	USA	Perficient Inc	<0.005	USA
Microchip Technology	0.1	USA	NovoCure	<0.005	USA	Performance Food Group	0.02	USA
Micron Technology	0.19	USA	NOW Inc.	<0.005	USA	Permian Resources Corporation	0.01	USA
Microsoft Corp	5.83	USA	NRG Energy	0.02	USA	Perrigo Company plc	0.01	USA
Microstrategy Class A	0.02	USA	Nu Holdings	0.04	USA	Petco Health and Wellness	<0.005	USA
Mid-America Apartment Comm	0.03	USA	Nu Skin Enterpr A	<0.005	USA	Pfizer	0.34	USA
Middleby	0.02	USA	Nucor Corp	0.09	USA	PG & E Corp.	0.08	USA
MillerKnoll Inc	<0.005	USA	Nutanix	0.02	USA	Philip Morris International	0.3	USA
Minerals Tech	<0.005	USA	Nutrien Ltd	0.06	CANADA	Phillips 66	0.12	USA
Mirati Therapeutics Inc	0.01	USA	Nuvei	<0.005	CANADA	Phillips Edison & Company	0.01	USA
Mister Car Wash	<0.005	USA	nVent Electric	0.02	USA	Phinia	<0.005	USA
MKS Instruments	0.01	USA	Nvidia	2.45	USA	Phreesia	<0.005	USA
Moderna	0.07	USA	NVR Inc	0.04	USA	Physicians Realty Trust	0.01	USA
Moelis & Company	0.01	USA	NXP Semiconductors	0.12	USA	Piedmont Lithium	<0.005	USA
Mohawk Industries	0.01	USA	O'Reilly Auto	0.12	USA	Piedmont Office Realty Trust CI A	<0.005	USA
Molina Healthcare	0.04	USA	Occidental Petroleum	0.09	USA	Pilgrim's Pride Corp.	<0.005	USA
Molson Coors Beverage Company	0.02	USA	OceanaGold	<0.005	CANADA	Pinnacle Finl	0.01	USA
monday.com	0.01	USA	Oceaneering Intl	<0.005	USA	Pinnacle West Capital Corp	0.02	USA
Mondelez International Inc.	0.21	USA	OGE Energy	0.01	USA	Pinterest	0.05	USA
MongoDB	0.06	USA	O-I Glass Inc	0.01	USA	Pioneer Natural Resource	0.11	USA
Monolithic Power Systems	0.06	USA	Okta	0.03	USA	Piper Sandler Companies	0.01	USA
Monro	<0.005	USA	Olaplex Holdings	<0.005	USA	Planet Fitness	0.01	USA
Monster Beverage	0.09	USA	Old Dominion Freight Line	0.08	USA	Playtika Holding	<0.005	USA
Moodys Corporation	0.13	USA	Old Natl Bncp	0.01	USA	Plexus Corp	0.01	USA
Moog Inc A	0.01	USA	Old Republic Intl	0.02	USA	Plug Power Inc	<0.005	USA
Morgan Stanley	0.23	USA	Olin Corp	0.01	USA	PNC Financial Services Group	0.13	USA
Morningstar Inc.	0.02	USA	Ollie's Bargain Outlet Holdings	0.01	USA	PNM Resources	0.01	USA
Mosaic Company	0.02	USA	Omega Healthcare Investors	0.02	USA	Polaris	0.01	USA
Motorola Solutions	0.11	USA	Omnicell Inc	<0.005	USA	Pool	0.03	USA
MP Materials Corp (A)	<0.005	USA	Omnicom Group	0.04	USA	Popular Inc	0.01	USA
Mr. Cooper Group	0.01	USA	On Holding AG	0.01	USA	Portland General Electric	0.01	USA
MSA Safety	0.01	USA	ON Semiconductor Corp	0.07	USA	Post Holdings	0.01	USA
MSC Industrial A	0.01	USA	ONE Gas	0.01	USA	PotlatchDeltic	0.01	USA
MSCI	0.09	USA	OneMain Holdings	0.01	USA	Power Corp Canada	0.03	CANADA
Mueller Inds	0.01	USA	ONEOK Inc	0.08	USA	Power Integrations	0.01	USA
Mueller Water Products	<0.005	USA	Onex Corp	0.01	CANADA	PowerSchool Holdings	<0.005	USA
Mullen Group	<0.005	CANADA	Onto Innovation Inc	0.02	USA	PPG Industries	0.07	USA
MultiPlan Corporation (A)	<0.005	USA	Open Lending Corporation (A)	<0.005	USA	PPL Corporation	0.04	USA
Mural Oncology	<0.005	USA	Open Text Corp	0.02	CANADA	PRA Group	<0.005	USA
Murphy Oil Corp	0.01	USA	Opendoor Technologies Inc (A)	0.01	USA	PrairieSky Royalty Ltd	0.01	CANADA
Murphy USA	0.01	USA	OPENLANE Inc	<0.005	USA	Premier Inc	0.01	USA
Myriad Genetics	<0.005	USA	Opko Health	<0.005	USA	Premium Brands Holdings Corp	0.01	CANADA
N-able	<0.005	USA	Option Care Health Inc	0.01	USA	Prestige Consumer Healthcare	0.01	USA
Nasdaq	0.04	USA	Oracle Corp.	0.34	USA	Price (T. Rowe) Group	0.05	USA
Natera	0.01	USA	Organon	0.01	USA	PriceSmart	<0.005	USA
National Bank of Canada	0.05	CANADA	Orion SA	<0.005	USA	Primaris REIT	<0.005	CANADA

Constituent	Index weight (%)	Country	Constituent	Index weight (%)	Country	Constituent	Index weight (%)	Country
Primerica	0.02	USA	Ryan Specialty Holdings Inc (A)	0.01	USA	Spirit Airlines	<0.005	USA
Primo Water	<0.005	CANADA	Ryder System	0.01	USA	Spirit Realty Capital	0.01	USA
Primoris Services Corp.	<0.005	USA	Ryman Hospitality Properties	0.01	USA	Splunk	0.05	USA
Principal Financial Group	0.04	USA	S&P Global	0.29	USA	SPOTIFY TECHNOLOGY SA	0.05	USA
Privia Health Group	0.01	USA	S&T Bancorp	<0.005	USA	SpringWorks Therapeutics	0.01	USA
ProAssurance	<0.005	USA	Sabra Health Care REIT	0.01	USA	Sprout Social	0.01	USA
Procore Technologies	0.01	USA	Sabre Corp	<0.005	USA	Sprouts Farmers Market	0.01	USA
Procter & Gamble	0.72	USA	Safehold Inc	<0.005	USA	SPS Commerce	0.01	USA
PROG Holdings Inc	<0.005	USA	Safety Insurance Group Inc	<0.005	USA	SPX Technologies Inc	0.01	USA
Progress Software	<0.005	USA	Sage Therapeutics	<0.005	USA	Squarespace	<0.005	USA
Progressive Corp	0.19	USA	Saia	0.02	USA	SS&C Technologies Holdings	0.03	USA
Progyny	0.01	USA	Salesforce Inc	0.52	USA	SSR Mining	<0.005	CANADA
Prologis	0.26	USA	Sally Beauty	<0.005	USA	St Joe Co (The)	<0.005	USA
Pros Holdings Inc.	<0.005	USA	Sana Biotechnology	<0.005	USA	STAAR Surgical	<0.005	USA
Prosperity Bancshares	0.01	USA	Sandy Spring Bancorp	<0.005	USA	STAG Industrial	0.01	USA
Prothena PLC	<0.005	USA	Sanmina Corp	0.01	USA	Standex Intl	<0.005	USA
Proto Labs Inc	<0.005	USA	Saputo	0.01	CANADA	Stanley Black & Decker	0.03	USA
Provident Financial Services Inc	<0.005	USA	Sarepta Inc	0.02	USA	Startec Inc	0.02	CANADA
Prudential Financial	0.08	USA	Saul Centers	<0.005	USA	Star Bulk Carriers	<0.005	USA
PTC	0.04	USA	SBA Communications	0.06	USA	Starbucks	0.23	USA
PTC Therapeutics	<0.005	USA	ScanSource	<0.005	USA	Starwood Property Trust Inc.	0.01	USA
Public Storage	0.1	USA	Schlumberger	0.15	USA	State Street Corp.	0.05	USA
Public Svc Enterprise Group	0.06	USA	Schneider National Cl B	<0.005	USA	Steel Dynamics	0.04	USA
Pulte Group	0.05	USA	Scholastic Corp	<0.005	USA	Steelcase Inc	<0.005	USA
Pure Storage	0.02	USA	Schrodinger	<0.005	USA	Stelco Holdings	<0.005	CANADA
PVH Corp.	0.02	USA	Schwab (Charles) Corp	0.21	USA	Stella Jones	0.01	CANADA
Q2 Holdings	0.01	USA	Science Applications International Corporation	0.01	USA	Stem Inc (A)	<0.005	USA
Qorvo Inc.	0.02	USA	Scorpio Tankers	0.01	USA	Stegan Co	<0.005	USA
Quaker Houghton	0.01	USA	Scotts Miracle-Gro	0.01	USA	Stericycle Inc	0.01	USA
Qualcomm	0.34	USA	Seacoast Banking	<0.005	USA	STERIS plc	0.05	USA
Qualys Inc	0.02	USA	Seagate Technology Holdings PLC	0.04	USA	Steven Madden	0.01	USA
Quanta Services	0.06	USA	Sealed Air	0.01	USA	Stifel Fin Corp	0.01	USA
QuantumScape	<0.005	USA	SeaWorld Entertainment	<0.005	USA	Stock Yards Bancorp	<0.005	USA
Quebecor Inc. Cl B	<0.005	CANADA	SEI Invest Co	0.01	USA	StoneCo	0.01	USA
Quest Diagnostics	0.03	USA	Select Medical Holdings	0.01	USA	Stratasys Ltd	<0.005	USA
QuidelOrtho Corporation	0.01	USA	Selective Insurance Group	0.01	USA	Strategic Education	<0.005	USA
Radian Group	0.01	USA	Sempra	0.1	USA	Stryker	0.22	USA
Ralph Lauren Corp	0.01	USA	Semtech Corp	<0.005	USA	Sturm Ruger & Co	<0.005	USA
Rambus Inc	0.02	USA	Sensata Technologies Holding Plc	0.01	USA	Summit Materials	0.01	USA
Range Resources	0.01	USA	Sensient Tech	0.01	USA	Sun Communities	0.03	USA
Rapid7	0.01	USA	SentinelOne	0.01	USA	Sun Life Financial	0.06	CANADA
Raymond James Financial	0.04	USA	Service Corp Intl	0.02	USA	Suncor Energy	0.09	CANADA
Rayonier	0.01	USA	Service Properties Trust	<0.005	USA	Sunnova Energy International	<0.005	USA
RB Global Inc	0.03	CANADA	ServiceNow	0.3	USA	SunPower Corporation	<0.005	USA
RBC Bearings	0.02	USA	SERVISFIRST BANCSHARES	0.01	USA	Sunrun	0.01	USA
Realty Income	0.09	USA	SFL Corporation Ltd	<0.005	USA	Sunstone Hotel Investors	<0.005	USA
Recursion Pharmaceuticals	<0.005	USA	Shake Shack	0.01	USA	Super Micro Computer	0.03	USA
Red Rock Resorts	0.01	USA	SharkNinja	0.01	USA	Superior Plus	<0.005	CANADA
Redwood Trust	<0.005	USA	Shenandoah Telecoms	<0.005	USA	Supernus Pharmaceuticals	<0.005	USA
Regal Rexnord Corporation	0.02	USA	Sherwin-Williams	0.15	USA	Surgery Partners	<0.005	USA
Regency Centers	0.03	USA	Shift4 Payments	0.01	USA	Sylvamo	<0.005	USA
Regeneron Phar	0.19	USA	Shoals Technologies Group	0.01	USA	Synaptics	0.01	USA
REGENXBIO	<0.005	USA	Shockwave Medical	0.01	USA	Synchrony Financial	0.03	USA
Regions Financial	0.04	USA	SHOPIFY INC	0.19	CANADA	Synopsys Inc	0.16	USA
Reinsurance Group of America	0.02	USA	Shutterstock Inc	<0.005	USA	Synovus Financial Corp	0.01	USA
Relay Therapeutics	<0.005	USA	SIGMA LITHIUM CORP	<0.005	USA	Sysco Corp	0.08	USA
Reliance Steel & Aluminium	0.03	USA	Signet Jewelers	0.01	USA	Take-Two Interactive Software	0.06	USA
Remitly Global	0.01	USA	Silgan Hldg Inc	0.01	USA	Tandem Diabetes Care	<0.005	USA
RenaissanceRe	0.02	USA	Silicon Labs	0.01	USA	Tanger Inc	0.01	USA
Renasant Corp	<0.005	USA	Simmons First National Corp - Cl A	0.01	USA	Tapestry	0.02	USA
Repligen Corp	0.02	USA	Simon Property Group	0.1	USA	Targa Resources Corp.	0.04	USA
Republic Bancorp	<0.005	USA	Simply Good Foods	0.01	USA	Target Corp	0.14	USA
Republic Services	0.07	USA	Simpson Manufacturing	0.02	USA	Taro Pharm Inds	<0.005	USA
Resideo Technologies	0.01	USA	Sinclair Inc	<0.005	USA	Taylor Morrison Home II Corporation	0.01	USA
Resmed Inc	0.05	USA	Sirius XM Holdings	0.01	USA	TC Energy	0.08	CANADA
Restaurant Brands International	0.05	CANADA	SiriusPoint Ltd	<0.005	USA	TD SYNNEX Corp	0.01	USA
Retail Opportunity	<0.005	USA	SITE Centers	0.01	USA	TE Connectivity	0.09	USA
Revolution Medicines	0.01	USA	SiteOne Landscape Supply	0.02	USA	TechnipFMC	0.02	USA
Revity Inc	0.03	USA	SiTime	<0.005	USA	TechTarget Inc.	<0.005	USA
Rexford Industrial Realty	0.02	USA	Six Flags Entertainment Corp.	<0.005	USA	Teck Resources Ltd	0.04	CANADA
Reynolds Consumer Products	<0.005	USA	SJW Group	<0.005	USA	TEGNA	0.01	USA
RH	0.01	USA	Skechers USA Cl A	0.02	USA	Teladoc Health	0.01	USA
RingCentral	0.01	USA	Skyline Champion Corporation	0.01	USA	Teledyne Tech	0.04	USA
Riocan REIT	0.01	CANADA	Skyworks Solutions Inc	0.04	USA	Teleflex Inc	0.02	USA
Rithm Capital Corp	0.01	USA	SL Green Realty	0.01	USA	Telephone & Data Systems	<0.005	USA
Rivian Automotive	0.03	USA	SLM Corp	0.01	USA	Telus Corporation	0.02	CANADA
RLI Corporation	0.01	USA	SM Energy	0.01	USA	Tempur Sealy International	0.02	USA
RLJ Lodging Trust	<0.005	USA	SmartCentres Real Estate Investment Trust	0.01	CANADA	Tenable Holdings	0.01	USA
Robert Half Inc	0.02	USA	SmartSheet	0.01	USA	Tenet Healthcare	0.02	USA
Robinhood Markets	0.02	USA	Smith (AO)	0.02	USA	Tennant Co	<0.005	USA
Roblox	0.04	USA	Snap-On Inc	0.03	USA	Teradata	0.01	USA
Rocket Lab USA Inc (A)	<0.005	USA	SNC-Lavalin Group	0.01	CANADA	Teradyne	0.03	USA
Rocket Pharmaceuticals	<0.005	USA	Snowflake	0.13	USA	Terex Corp	0.01	USA
Rockwell Automation	0.07	USA	SoFi Technologies Inc	0.02	USA	Terreno Realty	0.01	USA
Rogers Corp	<0.005	USA	SolarEdge Technologies	0.01	USA	Tesla	1.43	USA
Roivant Sciences Ltd (A)	0.01	USA	SolarWinds	<0.005	USA	Tetra Tech Inc	0.02	USA
Roku	0.02	USA	Sonoco Products	0.01	USA	Texas Capital Bancshares	0.01	USA
Rollins Inc	0.02	USA	Sonos Inc	<0.005	USA	Texas Instruments	0.32	USA
Roper Technologies	0.12	USA	Sotera Health	<0.005	USA	Texas Pacific Land Corporation	0.02	USA
Ross Stores	0.1	USA	Southern Co	0.16	USA	Texas Roadhouse	0.02	USA
Royal Bank Of Canada	0.3	CANADA	Southern Copper Corp.	0.02	USA	Textron	0.03	USA
Royal Caribbean Group	0.06	USA	SouthState Corp	0.01	USA	TFI International	0.02	CANADA
Royal Gold	0.02	USA	Southwest Airlines	0.01	USA	TFS Financial	<0.005	USA
Royalty Pharma	0.02	USA	Southwest Gas Holdings	0.01	USA	TG Therapeutics Inc	<0.005	USA
RPM Inc	0.03	USA	Southwestern Energy	0.01	USA	The AZEK Company	0.01	USA
RPT Realty	<0.005	USA	Spectrum Brands Holdings	0.01	USA	The Cigna Group	0.18	USA
RTX Corporation	0.25	USA	Sphere Entertainment Co	<0.005	USA	The Howard Hughes Holding Inc	0.01	USA
Rush Enterprises A	0.01	USA	Spire Inc.	0.01	USA	The ODP Corporation	<0.005	USA
Russel Metals	<0.005	CANADA	Spirit AeroSystems Holdings Inc. Cl A	0.01	USA	THE TRADE DESK	0.07	USA
RXO Inc	0.01	USA				Thermo Fisher Scientific	0.43	USA

Constituent	Index weight (%)	Country
Thomson Reuters	0.05	CANADA
Thor Industries	0.01	USA
Thoughtworks Holding	<0.005	USA
Tidewater Inc	0.01	USA
Tilray Brands Inc	<0.005	USA
Timken Co	0.01	USA
TJX Companies	0.22	USA
TKO Group Holdings Inc	0.01	USA
T-Mobile US Inc.	0.17	USA
TMX Group Limited	0.01	CANADA
Toast	0.01	USA
Toil Brothers	0.02	USA
Topaz Energy	<0.005	CANADA
TopBuild	0.02	USA
Topgolf Callaway Brands Corp	<0.005	USA
Torex Gold Resources Ltd.	<0.005	CANADA
Toro Co	0.02	USA
Toromont Industries	0.01	CANADA
Toronto-Dominion Com	0.25	CANADA
Tourmaline Oil	0.03	CANADA
Towne Bank	<0.005	USA
Tractor Supply	0.05	USA
Tradeweb Markets	0.02	USA
Trane Technologies PLC	0.12	USA
TransAlta Corporation	<0.005	CANADA
Transcontinental A	<0.005	CANADA
TransDigm	0.11	USA
Transmedics Group	0.01	USA
Transocean	0.01	USA
TransUnion	0.03	USA
Travel Plus Leisure Co	0.01	USA
Travelers Cos Inc.	0.09	USA
TreeHouse Foods	<0.005	USA
Trex Company	0.02	USA
Tri Pointe Homes Inc	0.01	USA
Tricon Residential Inc	<0.005	CANADA
TriMas Corp.	<0.005	USA
Trimble	0.03	USA
TriNet Group	0.01	USA
Trinity Inds	<0.005	USA
TripAdvisor	<0.005	USA
Triumph Financial Inc	<0.005	USA
Tronox Holdings plc	<0.005	USA
Truist Financial Corporation	0.1	USA
Trupanion	<0.005	USA
Trustmark Corp	<0.005	USA
TTEC Holdings	<0.005	USA
TTM Technologies	<0.005	USA
Twilio	0.03	USA
Twist Bioscience	<0.005	USA
Two Harbors Investment	<0.005	USA
Tyler Technologies	0.04	USA
Tyson Foods Inc A	0.03	USA
U Haul Holding Company	<0.005	USA
U Haul Holding Company	0.01	USA
Uber Technologies	0.25	USA
Ubiquiti	<0.005	USA
UDR	0.03	USA
UFP Industries Inc	0.02	USA
UGI Corp Hlds	0.01	USA
UIPath	0.02	USA
Ultra Beauty	0.05	USA
Ultragenyx Pharmaceutical	0.01	USA
UMB Finl Co	0.01	USA
Under Armour Class A	<0.005	USA
Under Armour Class C	<0.005	USA
UniFirst Corp	0.01	USA
Union Pacific Corp	0.31	USA
United Airlines Holdings Inc	0.01	USA
United Community Banks Inc	0.01	USA
United Natural Foods	<0.005	USA
United Parcel Service	0.24	USA
United Rentals	0.08	USA
United States Steel Corp	0.02	USA
United Therapeutics	0.02	USA
Unitedhealth Group	1.02	USA
Uniti Group	<0.005	USA
Unity Software	0.02	USA
Universal Corp	<0.005	USA

Constituent	Index weight (%)	Country
Universal Display Corp.	0.02	USA
Universal Health Services B	0.02	USA
Unum Group	0.02	USA
Upbound Group Inc	<0.005	USA
Upstart Holdings	0.01	USA
Upwork	<0.005	USA
Urban Edge Properties	<0.005	USA
Urban Outfitters	<0.005	USA
US Bancorp	0.14	USA
US Foods Holding	0.02	USA
Usana Health Sciences	<0.005	USA
Utd Bankshares	0.01	USA
Vail Resorts	0.02	USA
Valaris	0.01	USA
Valero Energy	0.09	USA
Valley National Bancorp	0.01	USA
Valmont Inds	0.01	USA
Valvoline	0.01	USA
Varex Imaging	<0.005	USA
Varonis Systems	0.01	USA
Vaxcyte	0.01	USA
Vector Gp Ltd	<0.005	USA
Veeva Systems	0.06	USA
Ventas Inc	0.04	USA
Veracyle Inc	<0.005	USA
Veradigm Inc	<0.005	USA
Veralto Corporation	0.04	USA
Verint Systems	<0.005	USA
Veris Residential Inc	<0.005	USA
VeriSign Inc	0.04	USA
Verisk Analytics	0.07	USA
Verizon Communications	0.33	USA
Vermilion Energy	<0.005	CANADA
Verra Mobility Corporation (A)	0.01	USA
Vertex Pharm	0.22	USA
Vertiv Holdings Co (A)	0.03	USA
Vestis Corporation	0.01	USA
VF Corp	0.01	USA
ViaSat	0.01	USA
Viatriis	0.03	USA
Viavi Solutions	<0.005	USA
VICI Properties	0.07	USA
Vicor Corp	<0.005	USA
Victorias Secret & Co	<0.005	USA
Vir Biotechnology	<0.005	USA
Virgin Galactic Holdings (A)	<0.005	USA
Virtu Financial	<0.005	USA
Virtus Investment Partners Inc.	<0.005	USA
Visa	0.86	USA
Vishay Intertech	0.01	USA
Vista Outdoor	<0.005	USA
Visteon Corp.	0.01	USA
Vistra Corp	0.03	USA
Vontier	0.01	USA
Vornado Realty	0.01	USA
Voya Financial	0.01	USA
Vulcan Materials	0.06	USA
W. P. Carey Inc.	0.03	USA
Wabtec	0.05	USA
WaFd Inc	<0.005	USA
Walgreens Boots Alliance	0.04	USA
Walker & Dunlop	0.01	USA
Walmart	0.47	USA
Warner Bros Discovery Inc	0.05	USA
Waste Connections Inc	0.08	CANADA
Waste Mgmt Inc	0.15	USA
Waters Corp	0.04	USA
Watsco Inc	0.03	USA
Watts Water Technologies	0.01	USA
Wayfair	0.01	USA
WD-40 Co	0.01	USA
Weatherford International	0.01	USA
Webster Financial	0.02	USA
WEC Energy Group	0.06	USA
Weis Markets	<0.005	USA
Wells Fargo & Company	0.38	USA
Welltower Inc.	0.1	USA
Wendys Company	0.01	USA
Werner Enterprises	0.01	USA

Constituent	Index weight (%)	Country
WesBanco	<0.005	USA
WESCO International	0.02	USA
West Fraser Timber	0.01	CANADA
West Pharm Svcs	0.05	USA
Westamerica Bancp	<0.005	USA
Western Alliance Bancorp	0.01	USA
Western Digital	0.04	USA
Western Union	0.01	USA
Westlake Corporation	0.01	USA
Weston (George)	0.02	CANADA
WestRock Company	0.02	USA
Westshore Terminals Investment	<0.005	CANADA
WEX	0.02	USA
Weyerhaeuser	0.05	USA
Wheaton Precious Metals	0.05	CANADA
Whirlpool Corp	0.01	USA
White Mountains Insurance	0.01	USA
Whitecap Resources Inc.	<0.005	CANADA
Wiley (John) & Sons - CI A	<0.005	USA
Williams Cos	0.09	USA
Williams Sonoma	0.03	USA
Willis Towers Watson plc	0.05	USA
WillScot Mobile Mini Holdings Corp	0.02	USA
Wingstop	0.02	USA
Winneco Inds	<0.005	USA
Winpak Ltd	<0.005	CANADA
Wintrust Financial Corp	0.01	USA
WisdomTree Inc	<0.005	USA
Wix.com	0.01	USA
WK Kellogg Co	<0.005	USA
Wolfspeed Inc	0.01	USA
Wolverine World Wide	<0.005	USA
Woodward	0.02	USA
Workday	0.12	USA
Workiva	0.01	USA
World Kinect Corporation	<0.005	USA
Worthington Enterprises	<0.005	USA
Worthington Steel	<0.005	USA
WSFS Financial Corp	0.01	USA
WSP Global	0.03	CANADA
Wyndham Hotels & Resorts	0.01	USA
Wynn Resorts	0.02	USA
XCEL Energy	0.07	USA
Xencor	<0.005	USA
Xenia Hotels & Resorts	<0.005	USA
Xenon Pharmaceuticals Inc	0.01	USA
Xerox Holdings	<0.005	USA
XP	0.02	USA
XPO Inc	0.02	USA
Xylem Inc.	0.06	USA
Yelp	0.01	USA
YETI Holdings	0.01	USA
Yext	<0.005	USA
Yum Brands	0.08	USA
Zebra Technologies	0.03	USA
Zentaris Pharmaceuticals	<0.005	USA
Ziff Davis Inc	0.01	USA
Zillow Group	0.01	USA
Zillow Group CL C	0.02	USA
ZIM Integrated Shipping Services	<0.005	USA
Zimmer Biomet Holdings	0.05	USA
Zions Bancorporation N.A.	0.01	USA
Zoetis	0.19	USA
Zoom Video Communications	0.04	USA
ZoomInfo Technologies	0.01	USA
Zscaler	0.04	USA
Zurn Elkay Water Solutions Corporation	0.01	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.

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