ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
1-800 Flowers Com	0.000	United States
10x Genomics	0.006	United States
1st Source Corp	0.002	United States
1stdibs.com	0.000	United States
3d Systems Corp	0.001	United States
3m Co	0.117	United States
4d Molecular Therapeutic	0.001	United States
8x8 Inc New	0.000	United States
908 Devices	0.000	United States
A10 Networks Inc	0.004	United States
Aaon Inc	0.012	United States
Aar Corp	0.008	United States
Abacus Global (a)	0.000	United States
Abbott Laboratories	0.217	United States
Abbvie Inc	0.615	United States
Abeona Therapeutics Inc	0.000	United States
Abercrombie & Fitch	0.005	United States
Abm Industries Inc	0.004	United States
Absci	0.002	United States
Acacia Research Corp	0.000	United States

Russell 3000®	Weight(%)	Country
Academy Sports And Outdo	0.004	United States
Acadia Healthcare Co	0.004	United States
Acadia Pharmaceuticals	0.004	United States
Acadia Realty Trust	0.004	United States
Acadian Asset Management	0.003	United States
Accel Entertainment (a)	0.001	United States
Accelerant Holdings	0.001	United States
Accendra Health Inc	0.000	United States
Accenture Plc Ireland	0.105	United States
Acco Brands Corp	0.001	United States
Achieve Life Sciences	0.001	United States
Aci Worldwide Inc	0.007	United States
Aclaris Therapeutics	0.001	United States
Acm Research	0.009	United States
Acme Utd Corp	0.000	United States
Acnb Corp	0.001	United States
Acres Commercial Realty	0.000	United States
Acuity Inc	0.016	United States
Acumen Pharmaceuticals	0.000	United States
Acushnet Holdings Corp	0.004	United States

Russell 3000®	Weight(%)	Country
Acv Auctions	0.002	United States
Adamas Trust Inc	0.001	United States
Adapthealth	0.001	United States
Adaptive Biotechnologies	0.004	United States
Adc Therapeutics Sa	0.000	United States
Addus Homecare Corp	0.003	United States
Adeia Inc	0.005	United States
Adient Plc	0.002	United States
Adma Biologics Inc	0.003	United States
Adobe Inc	0.114	United States
Adt Inc	0.005	United States
Adtran Holdings Inc	0.001	United States
Adv Solutions Inc (a)	0.000	United States
Advance Auto Parts Inc	0.005	United States
Advanced Drainage System	0.016	United States
Advanced Energy Inds Inc	0.019	United States
Advanced Micro Devices	1.304	United States
Advansix	0.001	United States
Aebi Schmidt Holding Ag	0.001	United States
Aecom	0.012	United States

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Russell 3000®	Weight(%)	Country
Aehr Test Systems	0.004	United States
Aeluma Inc	0.000	United States
Aemetis	0.000	United States
Aerovironment Inc	0.009	United States
Aersale Corporation	0.000	United States
Aes Corp	0.014	United States
Aesi Holdings Inc	0.002	United States
Aeva Technologies Inc	0.001	United States
Aevex Corp	0.001	United States
Affiliated Managers Grp	0.012	United States
Affirm Holdings	0.032	United States
Aflac Inc	0.074	United States
Agco Corp	0.010	United States
Agenus Inc	0.000	United States
Agilent Technologies Inc	0.052	United States
Agilon Health	0.002	United States
Agilysys Inc	0.004	United States
Agios Pharmaceuticals	0.003	United States
Agnc Investment	0.017	United States
Agnt Inc	0.001	United States
Agree Realty Corp	0.012	United States
Ah Realty Trust Inc	0.001	United States
Air Products & Chemicals	0.089	United States
Airbnb	0.082	United States
Airjoule Technologies Co	0.000	United States
Airo Group Holdings	0.000	United States
Airsculpt Technologies	0.000	United States
Akamai Technologies	0.024	United States
Akebia Therapeutics Inc	0.000	United States
Aktis Oncology	0.001	United States
Alamar Biosciences	0.000	United States
Alamo Group Inc	0.002	United States
Alarm.com Holdings Inc	0.003	United States
Alaska Air Group Inc	0.008	United States
Albany International	0.003	United States
Albemarle Corp	0.022	United States
Albertsons Companies	0.006	United States
Alcoa Corporation	0.019	United States
Alector	0.000	United States
Alerus Financial Corp	0.001	United States
Alexanders Inc	0.001	United States
Alexandria Real Estate	0.013	United States
Alico Inc	0.000	United States
Align Technology Inc	0.016	United States
Alignment Healthcare	0.007	United States
Alkami Technology	0.002	United States
Alkermes Plc	0.012	United States
Allegiant Travel Co	0.004	United States
Allegion Plc	0.016	United States
Allegro Microsystems	0.012	United States
Alliance Laundry Holding	0.002	United States
Alliant Energy Corp	0.027	United States
Allient Inc	0.002	United States
Allison Transmission	0.013	United States
Allogene Therapeutics	0.001	United States
Allstate Corp	0.084	United States
Ally Finl Inc	0.018	United States
Almonty Industries Adr	0.005	United States
Alnylam Pharmaceuticals	0.055	United States
Alpha & Omega Semicon	0.002	United States

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Russell 3000®	Weight(%)	Country
Alpha Metallurgical Res	0.002	United States
Alpha Teknova	0.000	United States
Alphabet Inc Cl A	2.873	United States
Alphabet Inc Cl C	2.318	United States
Alphatec Holdings	0.001	United States
Alpine Income Property T	0.000	United States
Alta Equipment Group (a)	0.000	United States
Alti Global Inc	0.000	United States
Altimmune Inc	0.001	United States
Alto Ingredients Inc	0.001	United States
Alto Neuroscience	0.001	United States
Altria Group Inc	0.166	United States
Alumis	0.003	United States
Alx Oncology Holdings	0.000	United States
Amalgamated Financial Co	0.001	United States
Amazon Com Inc	3.190	United States
Ambarella Inc	0.005	United States
Ambiq Micro	0.002	United States
Amc Entertainment	0.002	United States
Amc Global Media Inc	0.000	United States

Russell 3000®	Weight(%)	Country
Amcor	0.028	United States
Amdocs Ltd	0.007	United States
Amentum	0.004	United States
Amer Public Education	0.001	United States
Amer Sports Inc	0.009	United States
Amerant Bancorp Inc (a)	0.001	United States
Ameren Corp	0.043	United States
Ameresco Inc	0.001	United States
American Airlines Group	0.016	United States
American Assets Trst Inc	0.002	United States
American Battery Technol	0.000	United States
American Coastal Corp	0.000	United States
American Eagle Outfitter	0.004	United States
American Electric Power	0.103	United States
American Express Co	0.248	United States
American Financial Group	0.013	United States
American Healthcare Reit	0.014	United States
American Homes 4 Rent	0.016	United States
American Integrity Insur	0.000	United States
American Intl Group	0.055	United States

Russell 3000®	Weight(%)	Country
American Resources	0.000	United States
American Rlty Invs Inc	0.000	United States
American States Water Co	0.004	United States
American Superconductor	0.003	United States
American Tower Corp	0.105	United States
American Wtr Wks Co Inc	0.035	United States
Americold Realty Trust	0.006	United States
Ameriprise Financial Inc	0.057	United States
Ameris Bancorp	0.008	United States
Amerisafe Inc	0.001	United States
Ames Natl Corp	0.000	United States
Ametek Inc	0.076	United States
Amgen Inc	0.270	United States
Amkor Technology Inc	0.015	United States
Amn Healthcare Services	0.002	United States
Amneal Pharmaceuticals	0.004	United States
Ampco-pittsburgh Corp	0.000	United States
Amphastar Pharma Inc	0.001	United States
Amphenol Corp	0.298	United States
Amplify Energy Corp	0.000	United States

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Russell 3000®	Weight(%)	Country
Amplitude Inc	0.001	United States
Amprius Technologies	0.003	United States
Amtech Systems Inc	0.000	United States
Amylyx Pharmaceuticals	0.002	United States
An2 Therapeutics	0.000	United States
Analog Devices Inc	0.267	United States
Anaptys Bio Inc	0.002	United States
Anavex Life Sciences	0.000	United States
Andersons Inc	0.003	United States
Angel Oak Mortgage Reit	0.000	United States
Angi	0.000	United States
Angiodynamics Inc	0.001	United States
Anglogold Ashanti Plc	0.056	United States
Ani Pharmaceuticals Inc	0.002	United States
Anika Therapeutics Inc	0.000	United States
Annaly Capital Mgmt Inc	0.023	United States
Annexon	0.001	United States
Anteris Technologies Glo	0.001	United States
Anterix Inc	0.002	United States
Antero Midstream Corp	0.010	United States
Antero Resources Co	0.014	United States
Aon Plc	0.095	United States
Apa Corporation	0.016	United States
Api Group	0.022	United States
Apogee Enterprises Inc	0.001	United States
Apogee Therapeutics Inc	0.008	United States
Apollo Commercial Re	0.002	United States
Apollo Global Management	0.069	United States
Appfolio Inc	0.005	United States
Appian	0.001	United States
Apple Hospitality Reit	0.005	United States
Apple Inc	5.772	United States
Applied Digital Corp	0.013	United States
Applied Industrial Tech	0.017	United States
Applied Matls Inc	0.791	United States
Applied Optoelectronics	0.016	United States
Applovin	0.171	United States
Aptargroup Inc	0.011	United States
Aptiv Plc	0.018	United States
Aquestive Therapeutics	0.001	United States
Aramark	0.021	United States
Arbor Realty Trust Inc	0.001	United States
Arbutus Biopharma Corp	0.001	United States
Arcbest Corporation	0.004	United States
Arch Cap Group Ltd	0.047	United States
Archer Aviation Inc (a)	0.004	United States
Archer Daniels Midland	0.051	United States
Archrock Inc	0.010	United States
Arcosa	0.010	United States
Arcturus Therapeutics	0.000	United States
Arcus Biosciences	0.004	United States
Arcutis Biotherapeutics	0.004	United States
Ardagh Metal Packaging	0.001	United States
Ardelyx Inc	0.002	United States
Ardent Health Inc	0.000	United States
Ardmore Shipping Corp	0.001	United States
Ares Coml Real Estate	0.000	United States
Ares Management Corp	0.030	United States
Argan Inc	0.015	United States
Arhaus	0.001	United States

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Russell 3000®	Weight(%)	Country
Arista Networks Inc	0.245	United States
Arko Corp (a)	0.001	United States
Arko Petroleum Corp	0.000	United States
Arlo Technologies Inc	0.002	United States
Armata Pharmaceuticals	0.000	United States
Armour Residential Reit	0.003	United States
Armstrong World Inds Inc	0.009	United States
Array Technologies	0.002	United States
Arrivent Biopharma	0.002	United States
Arrow Electronics Inc	0.015	United States
Arrow Financial Corp	0.001	United States
Arrowhead Pharmaceutical	0.015	United States
Ars Pharmaceuticals Inc	0.001	United States
Arteris	0.002	United States
Artisan Partners Asset	0.003	United States
Artiva Biotherapeutics	0.000	United States
Artivion Inc	0.001	United States
Arvinas Holding	0.001	United States
Asana	0.001	United States
Asbury Automotive Group	0.005	United States
Ascendis Pharma A/s	0.018	United States
Ashland Inc	0.004	United States
Asp Isotopes	0.001	United States
Aspen Aerogels Inc	0.001	United States
Assembly Biosciences Inc	0.000	United States
Associated Banc Corp	0.006	United States
Assurant Inc	0.018	United States
Assured Guaranty Ltd	0.005	United States
Ast Spacemobile Inc (a)	0.031	United States
Astec Industries Inc	0.002	United States
Astera Labs	0.102	United States
Astrana Health Inc	0.003	United States
Astronics Corp	0.004	United States
Asure Software Inc	0.000	United States
At&t Inc	0.193	United States
Ataibeckley Inc	0.002	United States
Atea Pharmaceuticals	0.000	United States
Ategrity Specialty Insur	0.000	United States
Ati Inc	0.037	United States
Atkore Inc	0.004	United States
Atlanta Braves Holdings	0.001	United States
Atlanta Braves Holdings	0.003	United States
Atlantic Union Bankshare	0.008	United States
Atlanticus Holdings	0.001	United States
Atlassian Corp Plc	0.018	United States
Atmos Energy Corp	0.039	United States
Atmus Filtration Technol	0.006	United States
Atn International Inc	0.000	United States
Atomera Limited	0.000	United States
Atricure Inc	0.002	United States
Atrium Therapeutics	0.000	United States
Aura Biosciences	0.000	United States
Aura Minerals	0.004	United States
Aurinia Pharmaceuticals	0.003	United States
Aurora Innovation (a)	0.011	United States
Autodesk Inc	0.057	United States
Automatic Data Process	0.124	United States
Autonation Inc	0.006	United States
Autozone Inc	0.073	United States
Avalo Therapeutics	0.001	United States

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Russell 3000®	Weight(%)	Country
Avalonbay Cmntys Inc	0.036	United States
Avalyn Pharma	0.001	United States
Avanos Medical Inc	0.002	United States
Avantor Inc	0.009	United States
Aveanna Healthcare Holdi	0.001	United States
Avepoint Inc (a)	0.003	United States
Avery Dennison Corp	0.017	United States
Aviat Networks Inc	0.000	United States
Avidbank Holdings Inc	0.000	United States
Avidia Bancorp	0.001	United States
Avient Corp	0.005	United States
Avis Budget Group Inc	0.004	United States
Avista Corp	0.005	United States
Avnet Inc	0.010	United States
Axalta Coating Systems	0.010	United States
Axcelis Technologies Inc	0.008	United States
Axis Capital Holdings	0.011	United States
Axogen Inc	0.003	United States
Axon Enterprise Inc	0.060	United States
Axos Financial Inc	0.007	United States

Russell 3000®	Weight(%)	Country
Axsome Therapeutics Inc	0.015	United States
Axt Inc	0.006	United States
Azenta Inc	0.001	United States
Azz Inc	0.006	United States
B & G Foods Inc	0.000	United States
Babcock & Wilcox Ent	0.003	United States
Backblaze	0.001	United States
Badger Meter Inc	0.006	United States
Baker Hughes Company	0.076	United States
Bakkt Inc (a)	0.000	United States
Balchem Corp	0.007	United States
Ball Corp	0.023	United States
Ballys Corporation	0.000	United States
Banc Of California Inc	0.004	United States
Bancfirst Corp	0.003	United States
Bancorp Inc	0.003	United States
Bandwidth Class A	0.003	United States
Bank First Corporation	0.002	United States
Bank Of America Corp	0.520	United States
Bank Of Hawaii Corp	0.004	United States

Russell 3000®	Weight(%)	Country
Bank Of Marin Bancorp	0.001	United States
Bank Of New York Mellon	0.137	United States
Bank Of Nt Butterfield	0.003	United States
Bank Ozk	0.007	United States
Bank7 Corp	0.000	United States
Bankunited Inc	0.005	United States
Bankwell Finl Group Inc	0.000	United States
Banner Corp	0.003	United States
Bar Hbr Bankshares	0.001	United States
Barnes & Noble Education	0.000	United States
Barrett Business Service	0.001	United States
Bath & Body Works Inc	0.006	United States
Baxter International Inc	0.015	United States
Baycom Corporation	0.000	United States
Bcb Bancorp Inc	0.000	United States
Beacon Financial Corp	0.003	United States
Beam Therapeutics	0.005	United States
Beazer Homes Usa Inc	0.001	United States
Becton Dickinson & Co	0.059	United States
Bed Bath & Beyond Inc	0.001	United States

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Russell 3000®	Weight(%)	Country
Bel Fuse Inc	0.001	United States
Bel Fuse Inc	0.005	United States
Belden Inc	0.006	United States
Bellring Brands	0.002	United States
Benchmark Electronics	0.005	United States
Benitec Biopharma Ads	0.000	United States
Bentley Systems	0.007	United States
Berke & Herbert Bank & T	0.001	United States
Berkley W R Corp	0.022	United States
Berkshire Hathaway Inc	1.286	United States
Best Buy Inc	0.021	United States
Beta Bionics	0.001	United States
Beta Technologies Inc	0.001	United States
Better Home & Finance Ho	0.000	United States
Bgc Group Inc	0.005	United States
Bicara Therapeutics	0.002	United States
Bigbear Ai Holdings Corp	0.002	United States
Biglari Holdings A	0.000	United States
Biglari Holdings B	0.000	United States
Bill Holdings Inc	0.004	United States

Russell 3000®	Weight(%)	Country
Bio-rad Laboratories Inc	0.007	United States
Bio-techne Corp	0.015	United States
Bioage Labs	0.001	United States
Biocryst Pharmaceuticals	0.003	United States
Biogen Inc	0.044	United States
Biohaven Ltd	0.003	United States
Biolife Solutions Inc	0.002	United States
Biomarin Pharmaceutical	0.015	United States
Bioventus	0.001	United States
Birkenstock Holding	0.002	United States
Bit Digital Inc	0.001	United States
Bitdeer Technologies Gro	0.003	United States
Bitmine Immersion Techno	0.010	United States
Bj's Wholesale Club Hdlg	0.016	United States
Bjs Restaurants Inc	0.002	United States
Bk Technologies Inc	0.000	United States
Bkv Corp	0.001	United States
Black Diamond Therapeuti	0.000	United States
Black Hills Corp	0.008	United States
Black Rock Coffee Bar	0.000	United States

Russell 3000®	Weight(%)	Country
Blackbaud Inc	0.001	United States
Blackline Inc	0.002	United States
Blackrock Inc	0.203	United States
Blacksky Technology (a)	0.001	United States
Blackstone Inc	0.121	United States
Blackstone Mortgage Trst	0.004	United States
Bladex Inc	0.002	United States
Blaize Holdings	0.000	United States
Blend Labs	0.000	United States
Block H & R Inc	0.007	United States
Block Inc (a)	0.055	United States
Bloom Energy	0.112	United States
Bloomin' Brands Inc	0.001	United States
Blue Bird Corp	0.003	United States
Blue Owl Capital	0.008	United States
Blue Ridge Bankshares	0.000	United States
Bluelinx Holdings Inc	0.001	United States
Bobs Discount Furniture	0.000	United States
Boeing Co	0.227	United States
Boise Cascade Company	0.004	United States

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Bok Financial Corp	0.004	United States
Booking Holdings Inc	0.190	United States
Boot Barn Holdings	0.007	United States
Booz Allen Hamilton Hldg	0.010	United States
Borg Warner Inc	0.019	United States
Borr Drilling	0.001	United States
Boston Beer Inc	0.002	United States
Boston Omaha	0.000	United States
Boston Scientific Co	0.087	United States
Bowhead Specialty Holdin	0.001	United States
Bowman Consulting Group	0.001	United States
Box Inc	0.005	United States
Boyd Gaming Corp	0.006	United States
Braemar Hotels & Resorts	0.000	United States
Brand Engagement Network	0.000	United States
Brandywine Realty Trust	0.001	United States
Braze	0.003	United States
Brc Group Hldgs	0.000	United States
Brc Inc (a)	0.000	United States
Bread Financial Holding	0.006	United States
Bridgebio Pharma Inc	0.017	United States
Bridgewater Bancshares	0.001	United States
Bright Horizon Family	0.005	United States
Bright Minds Biosciences	0.001	United States
Brighthouse Financial	0.005	United States
Brightspire Capital (a)	0.001	United States
Brightspring Health Serv	0.015	United States
Brightstar Lottery Plc	0.001	United States
Brightview Holdings Inc	0.001	United States
Brinker International	0.010	United States
Brinks Co	0.005	United States
Bristol Myers Squibb	0.162	United States
Bristow Group Inc	0.001	United States
Brixmor Property Group	0.013	United States
Broadcom Inc	2.425	United States
Broadridge Financial Inc	0.022	United States
Broadstone Net Lease	0.005	United States
Brookdale Senior Living	0.005	United States
Brookfield Asset Managem	0.023	United States
Brookfield Business Corp	0.003	United States
Brookfield Infrastructur	0.007	United States
Brookfield Renewable Cor	0.007	United States
Brown & Brown Inc	0.026	United States
Brown Forman Corp Cl A	0.002	United States
Brown Forman Corp Cl B	0.005	United States
Brt Apartments Corp	0.000	United States
Bruker Corp	0.009	United States
Brunswick Corp	0.008	United States
Buckle Inc	0.002	United States
Build A Bear Workshop	0.000	United States
Builders Firstsource Inc	0.013	United States
Bullish	0.001	United States
Bumble	0.000	United States
Bunge Global Sa	0.020	United States
Burford Capital	0.001	United States
Burlington Stores Inc	0.027	United States
Business First Bancshare	0.001	United States
Butterfly Network In (a)	0.002	United States
Bv Financial Inc	0.000	United States
Bwx Technologies Inc	0.025	United States

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Bxp Inc	0.014	United States
Byline Bancorp	0.002	United States
C & F Financial Corp	0.000	United States
C H Robinson Worldwide	0.031	United States
C3 Ai	0.002	United States
C4 Therapeutics	0.001	United States
Cabaletta Bio	0.000	United States
Cable One Inc	0.000	United States
Cabot Corp	0.006	United States
Caci International Inc	0.014	United States
Cactus Inc	0.005	United States
Cadence Design Systems	0.143	United States
Cadiz Inc	0.000	United States
Cadre Holdings	0.001	United States
Caesars Entertainment In	0.008	United States
Cal Maine Foods Inc	0.005	United States
Caledonia Mining Corp	0.000	United States
Caleres Inc	0.001	United States
California Bancorp	0.001	United States
California Resources	0.005	United States
California Wtr Svc Grp	0.004	United States
Calix Inc	0.003	United States
Callaway Golf Company	0.004	United States
Calumet	0.003	United States
Camden National Corp	0.001	United States
Camden Property Trust	0.016	United States
Camp4 Therapeutics Corp	0.000	United States
Camping World Holdings	0.001	United States
Canadian Solar Inc	0.001	United States
Candel Therapeutics	0.001	United States
Cannae Holdings Inc	0.001	United States
Canton Strategic Holding	0.000	United States
Capital Bancorp Inc	0.001	United States
Capital City Bank Group	0.001	United States
Capital One Financial	0.173	United States
Capitol Federal Finl Inc	0.001	United States
Capri Holdings Limited	0.003	United States
Capricor Therapeutics	0.002	United States
Capsovision	0.000	United States
Cardinal Health Inc	0.077	United States
Cardinal Infrastructure	0.002	United States
Caredx Inc	0.002	United States
Caretrust Reit Inc	0.012	United States
Cargurus Inc	0.003	United States
Caribou Biosciences	0.000	United States
Caris Life Sciences	0.003	United States
Carlisle Cos Inc	0.020	United States
Carlsmed	0.000	United States
Carlyle Group Inc	0.015	United States
Carmax Inc	0.010	United States
Carnival Corporation Ltd	0.050	United States
Carpenter Technology	0.041	United States
Carriage Services Inc	0.001	United States
Carrier Global	0.079	United States
Cars.com	0.001	United States
Carter Bankshares Inc	0.001	United States
Carter Inc	0.002	United States
Cartesian Therapeutics	0.000	United States
Carvana Co	0.063	United States
Casella Waste Systems	0.008	United States

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Russell 3000®	Weight(%)	Country
Caseys General Stores	0.040	United States
Cass Information Systems	0.001	United States
Castle Biosciences Inc	0.001	United States
Catalyst Pharmaceuticals	0.005	United States
Caterpillar Inc	0.667	United States
Cathay General Bancorp	0.005	United States
Cava Group Inc	0.011	United States
Cavco Industries Inc	0.007	United States
Cb Finl Svcs Inc	0.000	United States
Cbiz Inc	0.002	United States
Cbl & Associates Propert	0.001	United States
Cboe Global Markets Inc	0.035	United States
Cbre Group Inc	0.054	United States
Ccc Intelligent Inc (a)	0.004	United States
Cdw Corporation	0.025	United States
Ceco Environmental Corp	0.006	United States
Celanese Corp	0.007	United States
Celcuity	0.005	United States
Celldex Therapeutics Inc	0.004	United States
Celsius Holdings Inc	0.007	United States
Cencora Inc	0.073	United States
Centene Corp	0.044	United States
Centerpoint Energy Inc	0.040	United States
Centerspace	0.001	United States
Central Bancompany	0.001	United States
Central Garden & Pet Co	0.003	United States
Central Garden & Pet Co	0.000	United States
Central Pacific Finl	0.001	United States
Centrus Energy Corp	0.004	United States
Centuri Holdings	0.004	United States
Century Aluminum Co	0.004	United States
Century Communities Inc	0.002	United States
Century Therapeutics	0.000	United States
Cerence	0.001	United States
Ceribell	0.001	United States
Certara	0.001	United States
Cerus Corp	0.001	United States
Ceva Inc	0.002	United States
Cf Bankshares Inc	0.000	United States
Cf Industries Holdings	0.023	United States
Cg Oncology	0.007	United States
Chain Bridge Bancorp Inc	0.000	United States
Chaince Digital Hlds Inc	0.000	United States
Champion Homes Inc	0.007	United States
Chargepoint Holdings (a)	0.000	United States
Charles River Labs Intl	0.015	United States
Chart Industries Inc	0.014	United States
Charter Comm Inc	0.015	United States
Chatham Lodging Tr	0.001	United States
Cheesecake Factory Inc	0.005	United States
Chefs' Wharehouse Inc	0.005	United States
Chemed Corporation	0.008	United States
Chemung Finl Corp	0.000	United States
Cheniere Energy Inc	0.069	United States
Chesapeake Utilities	0.004	United States
Chevron Corp	0.424	United States
Chewy	0.006	United States
Chicago Atlantic Real Es	0.000	United States
Chime Financial	0.007	United States
Chimera Investment Corp	0.002	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Chipotle Mexican Grill	0.060	United States
Chiron Real Estate Inc	0.001	United States
Choice Hotels Intl Inc	0.004	United States
Choiceone Financial Serv	0.001	United States
Chord Energy Corp	0.009	United States
Chubb Limited	0.165	United States
Church & Dwight Inc	0.032	United States
Churchill Downs Inc	0.008	United States
Ciena Corp	0.095	United States
Cimpress Plc	0.002	United States
Cincinnati Financial	0.039	United States
Cinemark Holdings Inc	0.005	United States
Cintas Corp	0.080	United States
Cipher Digital Inc	0.011	United States
Circle Internet Group In	0.015	United States
Cirrus Logic Inc	0.010	United States
Cisco Systems Inc	0.640	United States
Citi Trends Inc	0.000	United States
Citigroup Inc	0.329	United States
Citizens & Northern Corp	0.001	United States
Citizens Cmnty Bancorp	0.000	United States
Citizens Financial Inc	0.041	United States
Citizens Financial S	0.000	United States
Citizens Inc	0.000	United States
City Holding Co	0.003	United States
Civeo Corp	0.000	United States
Civista Bancshares Inc	0.001	United States
Claritev Corporation (a)	0.000	United States
Clarivate Plc (a)	0.001	United States
Claros Mortgage Trust	0.000	United States
Clean Energy Fuels Corp	0.000	United States
Clean Harbors Inc	0.021	United States
Cleanspark	0.005	United States
Clear Channel Outdoor	0.001	United States
Clear Secure Inc	0.007	United States
Clearfield Inc	0.001	United States
Clearpoint Neuro Inc	0.001	United States
Clearwater Paper Corp	0.000	United States
Clearway Energy (c)	0.006	United States
Cleveland-cliffs Inc	0.007	United States
Climb Bio Inc	0.001	United States
Climb Global Solutions	0.001	United States
Clorox Co	0.016	United States
Cloudflare	0.107	United States
Clover Health Invest (a)	0.003	United States
Cme Group Inc	0.110	United States
Cms Energy Corp	0.032	United States
Cna Financial Corp	0.001	United States
Cnb Finl Corp Pa	0.001	United States
Cnh Industrial N.v.	0.013	United States
Cno Financial Group	0.006	United States
Cnx Resources Corp	0.006	United States
Coastal Financial Corp	0.001	United States
Coastalsouth Bancshares	0.000	United States
Coca Cola Co	0.436	United States
Coca-cola Consolidated	0.015	United States
Codexis Inc	0.000	United States
Coeur Mining Inc	0.023	United States
Cogent Biosciences Inc	0.009	United States
Cogent Comm Holdings	0.001	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Cognex Corp	0.017	United States
Cognizant Tech Solutions	0.025	United States
Cohen & Steers Inc	0.003	United States
Coherent Corp	0.096	United States
Coherus Oncology Inc	0.000	United States
Cohu Inc	0.005	United States
Coinbase Global	0.044	United States
Colgate Palmolive Co	0.101	United States
Collegium Pharmaceutical	0.002	United States
Colony Bankcorp Inc	0.001	United States
Columbia Banking System	0.013	United States
Columbia Financial Inc	0.001	United States
Columbia Sportswear Co	0.002	United States
Columbus Mckinnon Corp	0.001	United States
Comcast Corp Cl A	0.120	United States
Comfort Systems Usa Inc	0.095	United States
Commerce Bancshares Inc	0.011	United States
Commerce.com Inc	0.000	United States
Commercial Bancgroup	0.000	United States
Commercial Metals Co	0.010	United States

Russell 3000®	Weight(%)	Country
Commercial Veh Group Inc	0.000	United States
Community Bancorp	0.000	United States
Community Financial Inc	0.005	United States
Community Health Systems	0.001	United States
Community Healthcare Tr	0.001	United States
Community Trust Bancorp	0.002	United States
Community West Bank	0.001	United States
Commvault Systems Inc	0.009	United States
Compass	0.012	United States
Compass Diversified	0.001	United States
Compass Minerals Intl	0.001	United States
Compass Therapeutics	0.000	United States
Compx International Inc	0.000	United States
Comstock	0.000	United States
Comstock Inc	0.000	United States
Comstock Resources Inc	0.001	United States
Conagra Brands Inc	0.009	United States
Concentra Group Holdings	0.005	United States
Concentrix	0.001	United States
Concrete Pumping	0.000	United States

Russell 3000®	Weight(%)	Country
Conduent Inc	0.000	United States
Conmed Corp	0.001	United States
Connect Biopharma Holdin	0.000	United States
Connectone Bancorp Inc	0.002	United States
Conocophillips	0.175	United States
Consensus Cloud Solution	0.001	United States
Consolidated Edison Inc	0.056	United States
Consolidated Water Co	0.001	United States
Constellation Brands	0.026	United States
Constellation Energy	0.110	United States
Constellium Se	0.006	United States
Construction Partners	0.008	United States
Consumer Portfolio Svcs	0.000	United States
Contango Silver & Gold	0.001	United States
Context Therapeutics	0.000	United States
Contineum Therapeutics	0.001	United States
Cooper Companies Inc	0.019	United States
Cooper Std Hldgs Inc	0.001	United States
Copart Inc	0.034	United States
Copt Defense Properties	0.006	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Corbus Pharmaceuticals	0.000	United States
Corcept Therapeutics Inc	0.011	United States
Core & Main	0.012	United States
Core Laboratories	0.001	United States
Core Molding Techn	0.000	United States
Core Natural Resources	0.005	United States
Core Scientific	0.011	United States
Corebridge Financial Inc	0.010	United States
Corecivic Inc	0.004	United States
Coreweave	0.048	United States
Cormedix Inc	0.001	United States
Corning Inc	0.279	United States
Corpay Inc	0.029	United States
Corsair Gaming	0.001	United States
Corteva	0.079	United States
Corvel Corp	0.002	United States
Corvus Pharmaceuticals	0.001	United States
Costamare Bulkers Holdin	0.000	United States
Costamare Inc	0.001	United States
Costar Group Inc	0.016	United States
Costco Wholesale Corp	0.573	United States
Coty Inc	0.001	United States
Coupang	0.030	United States
Coursera	0.002	United States
Cousins Properties Inc	0.007	United States
Covenant Logistics Group	0.001	United States
Covista Inc	0.006	United States
Cpi Card Group Inc	0.000	United States
Cra International Inc	0.001	United States
Cracker Barrel Store	0.002	United States
Crane Company	0.015	United States
Crane Nxt Co	0.003	United States
Crawford & Co Cl A	0.000	United States
Credit Accep Corp Mich	0.003	United States
Credo Technology Group H	0.062	United States
Crescent Biopharma Inc	0.001	United States
Crescent Energy Company	0.003	United States
Crexendo	0.000	United States
Crh Plc	0.099	United States
Cricut	0.000	United States
Crinetics Pharmaceutical	0.005	United States
Crispr Therapeutics	0.007	United States
Critical Metals Corp	0.001	United States
Crocs Inc	0.008	United States
Cross Country Healthcare	0.001	United States
Crowdstrike Holdings	0.264	United States
Crown Castle Inc	0.046	United States
Crown Holdings Inc	0.017	United States
Cryoport Inc	0.001	United States
Cs Disco	0.000	United States
Csw Industrials Inc	0.006	United States
Csx Corp	0.122	United States
Cto Realty Growth Inc	0.001	United States
Cts Corp	0.003	United States
Cubesmart	0.012	United States
Cullen Frost Bankers	0.013	United States
Cullinan Therapeutics	0.001	United States
Cummins Inc	0.136	United States
Curbline Properties Corp	0.004	United States
Curiositystream Inc (a)	0.000	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Curtiss Wright Corp	0.039	United States
Cushman & Wakefield Ltd	0.004	United States
Custom Truck One Src (a)	0.001	United States
Customers Bancorp Inc	0.003	United States
Cvb Financial Corp	0.005	United States
Cvr Energy Inc	0.001	United States
Cvrx	0.000	United States
Cvs Health Corporation	0.183	United States
Cytek Biosciences	0.001	United States
Cytokinetics Inc	0.015	United States
Cytomx Therapeutics Inc	0.001	United States
D R Horton Inc	0.056	United States
Daily Journal Corp	0.001	United States
Dakota Gold Corp	0.001	United States
Daktronics Inc	0.001	United States
Damora Therapeutics Inc	0.002	United States
Dana Incorporated	0.004	United States
Danaher Corp	0.166	United States
Darden Restaurants Inc	0.033	United States
Darling Ingredients Inc	0.012	United States

Russell 3000®	Weight(%)	Country
Datadog	0.118	United States
Dauch Corporation	0.002	United States
Dave & Busters Entmt Inc	0.000	United States
Dave Inc	0.005	United States
Davita Inc	0.010	United States
Deckers Outdoor Corp	0.019	United States
Deere & Co	0.216	United States
Definium Therapeutics	0.008	United States
Del Monte Corporation	0.001	United States
Delcath Systems	0.000	United States
Delek Us Hldgs Inc	0.004	United States
Dell Technologies	0.179	United States
Delta Air Lines Inc	0.085	United States
Deluxe Corp	0.001	United States
Denali Therapeutics Inc	0.005	United States
Dentsply Sirona Inc	0.003	United States
Design Therapeutics	0.001	United States
Designer Brands Inc	0.000	United States
Devon Energy Corp	0.064	United States
Dexcom Inc	0.036	United States

Russell 3000®	Weight(%)	Country
Dht Holdings Inc	0.003	United States
Diamedica Therapeutics	0.000	United States
Diamondback Energy Inc	0.046	United States
Diamondrock Hospitality	0.003	United States
Dianthus Therapeutcs	0.006	United States
Dicks Sporting Goods Inc	0.020	United States
Diebold Nixdorf Inc	0.003	United States
Digi Intl Inc	0.004	United States
Digimarc Corporation	0.000	United States
Digital Realty Trust Inc	0.087	United States
Digital Turbine Inc	0.002	United States
Digitalbridge Group Inc	0.004	United States
Digitalocean Holdings	0.018	United States
Dillards Inc	0.002	United States
Dime Commercial Bancshar	0.002	United States
Dine Brands Global Inc	0.001	United States
Diodes Inc	0.007	United States
Disc Medicine Inc	0.003	United States
Disney Walt Co	0.236	United States
Distribution Solutions	0.000	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Diversified Energy Compa	0.001	United States
Diversified Healthcare	0.003	United States
Dlocal	0.002	United States
Dnow Inc	0.003	United States
Docusign	0.012	United States
Dolby Laboratories Inc	0.004	United States
Dole Plc	0.001	United States
Dollar General Corp	0.035	United States
Dollar Tree Inc	0.031	United States
Dominion Energy Inc	0.083	United States
Dominos Pizza Inc	0.012	United States
Domo Inc	0.000	United States
Donaldson Inc	0.014	United States
Donegal Group Inc	0.000	United States
Donnelley Financial	0.001	United States
Doordash	0.095	United States
Dorian Lpg Ltd	0.002	United States
Dorman Products Inc	0.005	United States
Doubleverify Holdings	0.002	United States
Douglas Dynamics Inc	0.002	United States

Russell 3000®	Weight(%)	Country
Douglas Elliman Inc	0.000	United States
Douglas Emmett Inc	0.003	United States
Dover Corp	0.041	United States
Dow Inc	0.027	United States
Doximity	0.004	United States
Draftkings Inc (a)	0.017	United States
Dream Finders Homes	0.001	United States
Driven Brands Holdings	0.001	United States
Dropbox	0.006	United States
Dt Midstream	0.021	United States
Dte Energy Co	0.044	United States
Ducommun Inc	0.004	United States
Duke Energy Corp	0.136	United States
Duolingo	0.006	United States
Duos Technologies Group	0.000	United States
Dupont De Nemours Inc	0.026	United States
Dutch Bros	0.012	United States
Dwave Quantum Inc (a)	0.012	United States
Dxc Technology Company	0.002	United States
Dxp Enterprises Inc	0.003	United States

Russell 3000®	Weight(%)	Country
Dycom Industries Inc	0.021	United States
Dynatrace Inc	0.018	United States
Dyne Therapeutics	0.004	United States
Dynex Capital Inc	0.004	United States
Eagle Bancorp Inc	0.001	United States
Eagle Bancorp Mont Inc	0.000	United States
Eagle Financialservices	0.000	United States
Eagle Materials Inc	0.010	United States
East West Bancorp Inc	0.024	United States
Easterly Government Ppty	0.001	United States
Eastern Bankshares	0.007	United States
Eastgroup Properties Inc	0.015	United States
Eastman Chemical Co	0.010	United States
Eastman Kodak Co	0.001	United States
Eaton Corp Plc	0.228	United States
Ebay Inc	0.069	United States
Ecb Bancorp Inc	0.000	United States
Echostar Corp	0.019	United States
Ecolab Inc	0.095	United States
Ecovyst Inc	0.002	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Edgewell Personal Care	0.002	United States
Edgewise Therapeutics	0.004	United States
Edison International	0.039	United States
Editas Medicine Inc	0.000	United States
Edwards Lifesciences	0.071	United States
Egain Corporation	0.000	United States
Eikon Therapeutics	0.000	United States
El Pollo Loco Hldgs Inc	0.001	United States
Elanco Animal Health	0.017	United States
Elastic N.v.	0.007	United States
Electromed Inc	0.000	United States
Electronic Arts Inc	0.071	United States
Eledon Pharmaceuticals	0.000	United States
Element Solutions Inc.	0.015	United States
Elemental Royalty Corp (	0.001	United States
Elevance Health Inc	0.116	United States
Elf Beauty Inc	0.006	United States
Elicio Therapeutics	0.000	United States
Ellington Financial	0.002	United States
Elmet Group	0.000	United States
Embecta	0.000	United States
Emcor Group Inc	0.051	United States
Emerald Holding Inc	0.000	United States
Emergent Biosolutions	0.001	United States
Emerson Electric Co	0.111	United States
Empire State Realty	0.001	United States
Employers Holdings Inc	0.001	United States
Enact Holdings	0.002	United States
Enanta Pharmaceuticals	0.001	United States
Encompass Health Corp	0.014	United States
Encore Capital Group Inc	0.003	United States
Encore Energy System	0.000	United States
Energizer Holdings Inc	0.002	United States
Energous Corp	0.000	United States
Energy Fuels Inc	0.005	United States
Energy Recovery Inc	0.001	United States
Energy Services Of Ameri	0.000	United States
Energy Vault Hldgs (a)	0.001	United States
Enerpac Tool Group Corp	0.003	United States
Enersys Inc	0.012	United States
Enliven Therapeutics Inc	0.003	United States
Ennis Inc	0.001	United States
Enova International Inc	0.008	United States
Enovis Corporation	0.002	United States
Enovix Corp	0.002	United States
Enphase Energy Inc	0.009	United States
Enpro Inc	0.011	United States
Ensign Group Inc	0.012	United States
Entegris Inc	0.038	United States
Entergy Corp	0.072	United States
Enterprise Finl Services	0.003	United States
Entrada Therapeutics	0.000	United States
Entravision Comm	0.001	United States
Envela	0.000	United States
Enviri Ii Corp	0.001	United States
Envista Holdings	0.006	United States
Eog Resources Inc	0.096	United States
Eos Energy (a)	0.003	United States
Epam Systems Inc	0.006	United States
Eplus Inc	0.003	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Epr Properties	0.006	United States
Epsilon Energy Limited	0.000	United States
Eqt Corporation	0.044	United States
Equifax Inc	0.026	United States
Equinix Inc	0.142	United States
Equitable Holdings Inc	0.017	United States
Equity Bancshare Inc	0.001	United States
Equity Lifestyle Prop	0.017	United States
Equity Residential	0.035	United States
Erasca	0.005	United States
Ermenegildo Zegna Nv (a)	0.001	United States
Esab Corporation	0.008	United States
Escalade Inc	0.000	United States
Esco Technologies Inc	0.012	United States
Esperion Therapeutics	0.001	United States
Espey Mfg & Electrs Corp	0.000	United States
Esquire Financial Hldgs	0.001	United States
Essent Group Ltd	0.008	United States
Essential Properties	0.009	United States
Essential Utilities Inc	0.015	United States
Essex Property Trust Inc	0.026	United States
Establishment Labs Holdi	0.003	United States
Estee Lauder Companies	0.027	United States
Ethan Allen Interiors	0.001	United States
Eton Pharmaceuticals	0.001	United States
Etsy Inc	0.010	United States
Euronet Worldwide Inc	0.004	United States
Eve Holding Inc (a)	0.000	United States
Evercommerce	0.000	United States
Evercore Inc	0.017	United States
Everest Group Ltd	0.019	United States
Everforth Inc	0.001	United States
Evergy Inc	0.027	United States
Everpure Inc	0.034	United States
Everquote	0.001	United States
Eversource Energy	0.037	United States
Everspin Technologies	0.001	United States
Evertec Inc	0.002	United States
Everus Construction Grou	0.012	United States
Evgo Inc (a)	0.000	United States
Evi Industries	0.000	United States
Evolent Health Inc	0.001	United States
Evolus Inc	0.001	United States
Evolution Petroleum Corp	0.000	United States
Evolv Technologies (a)	0.001	United States
Evommune Inc	0.000	United States
Excelerate Energy	0.001	United States
Exelixis Inc	0.019	United States
Exelon Corp	0.066	United States
Exlservice Holdings Inc	0.005	United States
Expand Energy Corp	0.029	United States
Expedia Group Inc	0.040	United States
Expeditors Intl Of Wash	0.030	United States
Exponent Inc	0.004	United States
Expro Group Holdings Nv	0.002	United States
Extra Space Storage Inc	0.042	United States
Extreme Networks Inc	0.006	United States
Exxon Mobil Corp	0.785	United States
Exzeo Group	0.000	United States
Eyepoint Inc	0.001	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
F&g Annuities & Life	0.001	United States
F5 Inc	0.032	United States
Fabrinet	0.028	United States
Factset Research Systems	0.011	United States
Fair Isaac Corp	0.037	United States
Falcons Beyond Global	0.001	United States
Farmers & Merchants Bncp	0.001	United States
Farmers Natl Banc Corp	0.001	United States
Farmland Partners Inc	0.001	United States
Fastenal Co	0.076	United States
Fastly	0.004	United States
Fb Bancorp	0.000	United States
Fb Financial Corp	0.003	United States
Federal Agric Mtg Co	0.003	United States
Federal Realty Invt	0.015	United States
Federal Signal Corp	0.011	United States
Fedex Corp	0.095	United States
Fedex Freight Holding Co	0.023	United States
Fennec Pharmaceuticals	0.000	United States
Ferguson Enterprises	0.063	United States
Fermi	0.003	United States
Ferroglobe Plc	0.001	United States
Fidelity D&d Bancorp Inc	0.000	United States
Fidelity National Financ	0.017	United States
Fidelity Natl Info Svcs	0.028	United States
Fifth Third Bancorp	0.070	United States
Figma	0.005	United States
Figs Inc	0.001	United States
Figure Technology Soluti	0.006	United States
Finance Of Americas Comp	0.000	United States
Financial Instns Inc	0.001	United States
Finwise Bancorp	0.000	United States
Firefly Aerospace	0.003	United States
First Advantage Corporat	0.002	United States
First American Finl Corp	0.009	United States
First Bancorp Inc	0.001	United States
First Bancorp Nc	0.004	United States
First Bancorp Pr	0.005	United States
First Bank Williamstown	0.001	United States
First Busey Corp	0.003	United States
First Business Finl Svcs	0.001	United States
First Capital Inc	0.000	United States
First Citizens Bancshrs	0.023	United States
First Cmnty Bancshar	0.001	United States
First Cmnty Corp Sc	0.000	United States
First Commonwlth Finl	0.003	United States
First Financial Bancorp	0.005	United States
First Financial Corp	0.001	United States
First Finl Bankshares	0.006	United States
First Guaranty Bancshare	0.000	United States
First Hawaiian Inc	0.005	United States
First Horizon	0.017	United States
First Industrial Rlty Tr	0.011	United States
First Internet Bancorp	0.000	United States
First Intst Bancsystem	0.005	United States
First Merchants Corp	0.004	United States
First Mid Bancshares Inc	0.002	United States
First National Corp	0.000	United States
First Northern Community	0.000	United States
First Solar Inc	0.033	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
First Tracks Biotherapeu	0.001	United States
First United Corp	0.000	United States
First Watch Restaurant G	0.001	United States
First Western Financial	0.000	United States
Firstcash Holdings Inc	0.012	United States
Firstenergy Corp	0.036	United States
Firstsun Capital Bancorp	0.001	United States
Fiserv Inc	0.036	United States
Five Below	0.013	United States
Five Star Bancorp	0.001	United States
Five9 Inc	0.002	United States
Flagstar Bank	0.006	United States
Flex	0.082	United States
Flex Lng Limited	0.001	United States
Flexsteel Industries Inc	0.000	United States
Floor & Decor Holdings	0.009	United States
Flotek Industries Inc	0.000	United States
Flowco Holdings Inc	0.001	United States
Flowers Foods Inc	0.002	United States
Flowserve Corp	0.013	United States
Fluence Energy	0.002	United States
Fluor Corp	0.010	United States
Flutter Entertainment	0.020	United Kingdom
Flyexclusive	0.000	United States
Flywire	0.003	United States
Fmc Corp	0.002	United States
Fnb Corp	0.009	United States
Foghorn Therapeutics	0.000	United States
Forafric Global Plc	0.000	United States
Ford Motor Co	0.075	United States
Forestar Group Inc	0.001	United States
Forgent Power Solutions	0.010	United States
Formfactor Inc	0.017	United States
Forte Biosciences	0.001	United States
Fortinet Inc	0.128	United States
Fortive Corporation	0.026	United States
Fortrea	0.002	United States
Fortune Brands Innovatio	0.009	United States
Forum Energy Tech	0.001	United States
Forward Air Corp	0.000	United States
Forward Industries Inc	0.000	United States
Fossil Group Inc	0.000	United States
Foster L B Co	0.001	United States
Four Corners Ppty Trust	0.004	United States
Fox Corporation Class A	0.014	United States
Fox Corporation Class B	0.009	United States
Fox Factory Holding Corp	0.001	United States
Franklin Bsp Realty Trus	0.001	United States
Franklin Covey Co	0.000	United States
Franklin Electric Co	0.006	United States
Franklin Financial Serv	0.000	United States
Franklin Resources Inc	0.012	United States
Freedom Holding Corp	0.003	United States
Freeport-mcmoran Inc	0.124	United States
Freightcar America Inc	0.000	United States
Frequency Electronics	0.001	United States
Freshpet Inc	0.004	United States
Freshworks	0.003	United States
Friedman Inds Inc	0.000	United States
Frontdoor Inc	0.007	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Frontier Group Holdings	0.001	United States
Frontview Reit Inc	0.001	United States
Frp Holdings Inc	0.000	United States
Fs Bancorp Inc	0.000	United States
Ftai Aviation	0.038	United States
Ftai Infrastructure Inc	0.001	United States
Fti Consulting Inc	0.006	United States
Fubotv Inc	0.000	United States
Fuelcell Energy Inc	0.003	United States
Fulcrum Therapeutics Inc	0.000	United States
Fulgent Genetics Inc	0.001	United States
Fulton Financial Corp	0.006	United States
Funko Class A	0.000	United States
Futurefuel Corporation	0.000	United States
Fvcbankcorp Inc	0.000	United States
G-iii Apparel Group Ltd	0.002	United States
Galaxy Digital Holdings	0.007	United States
Galectin Therapeutics	0.000	United States
Gallagher Arthur J & Co	0.081	United States
Gamestop Corp	0.012	United States
Gaming And Leisure Pptys	0.017	United States
Gap Inc	0.006	United States
Garmin Ltd	0.054	United States
Garrett Motion Inc	0.009	United States
Gartner Inc	0.012	United States
Gates Industrial Corp	0.010	United States
Gatx Corp	0.009	United States
Gbank Financial Holdings	0.000	United States
Gcm Grosvenor Inc (a)	0.001	United States
Gd Culture Group Ltd	0.000	United States
Ge Aerospace	0.533	United States
Ge Healthcare Technologi	0.040	United States
Ge Vernova	0.436	United States
Gemini Space Station	0.000	United States
Gen Digital Inc	0.019	United States
Genco Shipping & Trading	0.001	United States
Gencor Industries Inc	0.000	United States
Genedx Holdings Corp (a)	0.002	United States
Generac Holdings Inc	0.023	United States
General Dynamics Corp	0.125	United States
General Mills Inc	0.026	United States
General Mtrs Co	0.096	United States
Generate Biomedicines	0.001	United States
Genesco Inc	0.000	United States
Genie Energy Ltd	0.000	United States
Genius Sports Ltd (a)	0.002	United States
Genpact Ltd	0.006	United States
Gentex Corp	0.007	United States
Gentherm Inc	0.001	United States
Genuine Parts Co	0.022	United States
Genworth Financial Inc	0.005	United States
Geo Group Inc	0.005	United States
German American Bancorp	0.002	United States
Geron Corp	0.001	United States
Getty Realty Corp	0.003	United States
Gevo Inc	0.000	United States
Gfl Environmental Inc	0.013	Canada
Gibraltar Industries Inc	0.002	United States
Gigacloud Technology	0.001	United States
Gilead Sciences Inc	0.217	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Ginkgo Bioworks Inc (a)	0.001	United States
Gitlab	0.006	United States
Glacier Bancorp Inc	0.009	United States
Gladstone Commercial	0.001	United States
Gladstone Land Inc	0.000	United States
Glaukos Corporation	0.011	United States
Global Business Travel	0.002	United States
Global Industrial Compy	0.001	United States
Global Net Lease Inc	0.002	United States
Global Payments Inc	0.023	United States
Global Water Resources	0.000	United States
Globalfoundries	0.014	United States
Globalstar Inc	0.006	United States
Globant Sa	0.002	United States
Globe Life Inc	0.019	United States
Globus Medical Inc	0.012	United States
Godaddy Inc	0.015	United States
Gogo Inc	0.000	United States
Golar Lng Ltd Bermuda	0.007	United States
Gold Resource Corp	0.000	United States
Gold.com Inc	0.001	United States
Goldman Sachs Group Inc	0.402	United States
Goodyear Tire & Rubber	0.003	United States
Goosehead Insurance	0.002	United States
Gopro Inc	0.000	United States
Gorman Rupp Co	0.003	United States
Gpgi Inc (a)	0.004	United States
Graco Inc	0.017	United States
Graftech International	0.000	United States
Graham Corp	0.002	United States
Graham Holdings Company	0.005	United States
Grail Inc	0.004	United States
Grainger Ww Inc	0.082	United States
Grand Canyon Education	0.005	United States
Granite Constr Inc	0.009	United States
Granite Ridge Resour (a)	0.000	United States
Graphic Packaging Hldg	0.004	United States
Gray Media Inc	0.000	United States
Great Southern Bancorp	0.001	United States
Green Brick Partners Inc	0.003	United States
Green Dot Corp	0.001	United States
Green Plains Inc	0.001	United States
Greenbrier Companies Inc	0.002	United States
Greene County Bancorp	0.000	United States
Greenlight Capital Re Lt	0.001	United States
Greenwich Lifesciences	0.000	United States
Greif Inc	0.001	United States
Greif Inc	0.002	United States
Grid Dyn Holdings (a)	0.001	United States
Griffon Corp	0.005	United States
Grindr Inc	0.001	United States
Grocery Outlet Holding	0.001	United States
Group 1 Automotive Inc	0.005	United States
Groupon Inc	0.001	United States
Gsi Technology	0.000	United States
Guardant Health	0.026	United States
Guardian Pharmacy Servic	0.001	United States
Guidewire Software Inc	0.014	United States
Gulfport Energy Corp	0.004	United States
Gxo Logistics	0.008	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Gyre Therapeutics	0.000	United States
H2o America	0.003	United States
Ha Sustainable Infra Inc	0.007	United States
Hackett Group Inc	0.000	United States
Haemonetics Corp	0.005	United States
Hallador Energy Co	0.001	United States
Halliburton Co	0.039	United States
Halozyme Therapeutics	0.013	United States
Hamilton Beach Brands	0.000	United States
Hamilton Insurance Group	0.002	United States
Hamilton Lane Inc	0.004	United States
Hancock Whitney Corp	0.008	United States
Hanmi Financial Corp	0.001	United States
Hanover Bancorp Inc	0.000	United States
Hanover Insurance Group	0.010	United States
Happen Inc	0.003	United States
Harley Davidson Inc	0.003	United States
Harmonic Inc	0.002	United States
Harmony Biosciences Hold	0.002	United States
Harrow Inc	0.002	United States
Hasbro Inc	0.016	United States
Haverty Furniture Inc	0.000	United States
Hawaiian Electric Inds	0.003	United States
Hawkins Inc	0.004	United States
Hawthorn Bancshares Inc	0.000	United States
Hayward Holdings	0.005	United States
Hb Fuller Company	0.004	United States
Hbt Financial	0.001	United States
Hca Healthcare Inc	0.080	United States
Hci Group Inc	0.003	United States
Healthcare Realty Trust	0.009	United States
Healthcare Svcs Grp Inc	0.002	United States
Healthequity Inc	0.010	United States
Healthpeak Properties	0.020	United States
Healthstream Inc	0.001	United States
Heartflow	0.003	United States
Heartland Express Inc	0.001	United States
Hecla Mining Co	0.013	United States
Heico Corp Cl A	0.027	United States
Heico Corp Common	0.021	United States
Helen Of Troy Ltd	0.001	United States
Helios Technologies Inc	0.004	United States
Helix Energy Solutions	0.002	United States
Helmerich & Payne Inc	0.004	United States
Henry Jack & Associates	0.014	United States
Herbalife Ltd	0.002	United States
Herc Holding Inc	0.006	United States
Heritage Financial Corp	0.002	United States
Heritage Ins Hldgs Inc	0.001	United States
Heron Therapeutics Inc	0.000	United States
Hershey Company	0.035	United States
Hertz Global Holdings	0.000	United States
Hewlett Packard Ent	0.082	United States
Hexcel Corp	0.010	United States
Hf Sinclair Corporation	0.015	United States
Highpeak Energy Inc (a)	0.000	United States
Highwoods Properties Inc	0.005	United States
Hillman Solutions Co (a)	0.002	United States
Hilltop Holdings Inc	0.002	United States
Hilton Grand Vacations	0.004	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Hilton Worldwide Holding	0.102	United States
Himalaya Shipping Ltd	0.001	United States
Hims And Hers Health (a)	0.010	United States
Hinge Health	0.005	United States
Hingham Instn Svgs Mass	0.001	United States
Hippo Holdings Inc (a)	0.001	United States
Hirequest Inc.	0.000	United States
Hmh Holding	0.000	United States
Hni Corporation	0.004	United States
Holley Inc (a)	0.000	United States
Home Bancorp Inc	0.001	United States
Home Bancshares Inc	0.007	United States
Home Depot Inc	0.485	United States
Hometrust Bancshares Inc	0.001	United States
Honest Company	0.000	United States
Honeywell Aerospace	0.097	United States
Honeywell International	0.098	United States
Hope Bancorp Inc	0.002	United States
Horace Mann Educators	0.003	United States
Horizon Bancorp Inc	0.001	United States
Hormel Foods Corp	0.010	United States
Host Hotels & Resorts	0.022	United States
Houlihan Lokey Inc	0.010	United States
Hovnanian Enterprises	0.001	United States
Howmet Aerospace Inc	0.148	United States
Hp Inc	0.028	United States
Hub Group Inc	0.004	United States
Hubbell Inc	0.038	United States
Hubspot Inc	0.012	United States
Hudson Pac Pptys Inc	0.001	United States
Hudson Technologies Inc	0.000	United States
Humana Inc	0.066	United States
Huntington Bancshares	0.049	United States
Huntington Ingalls Ind	0.015	United States
Huntsman Corp	0.002	United States
Huron Consulting Group	0.002	United States
Hut 8 Corp	0.016	United States
Hyatt Hotels Corp	0.011	United States
Hycroft Mining (a)	0.002	United States
Hyliion Holdings Cor (a)	0.001	United States
Hyperfine	0.000	United States
Hyperliquid Strategies	0.001	United States
Hyster-yale Inc	0.001	United States
I3 Verticals Inc	0.001	United States
Ibex	0.000	United States
Ibotta	0.000	United States
Icf International Inc	0.002	United States
Ichor Holdings Inc	0.005	United States
Icu Medical Inc	0.005	United States
Idacorp Inc	0.012	United States
Idaho Strategic Resource	0.001	United States
Ideaya Biosciences Inc	0.004	United States
Idex Corp	0.023	United States
Idexx Labs Inc	0.057	United States
Idt Corp	0.001	United States
Ies Holdings Inc	0.009	United States
Iheartmedia	0.001	United States
Illinois Tool Works Inc	0.107	United States
Illumina Inc	0.037	United States
Imax Corp	0.002	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Immersion Corp	0.000	United States
Immix Biopharma	0.001	United States
Immuneering	0.000	United States
Immunitybio Inc	0.005	United States
Immunome	0.003	United States
Immunovant Inc	0.004	United States
Impinj Inc	0.006	United States
Incyte Corp	0.026	United States
Independence Rlty Trust	0.005	United States
Independent Bank Corp	0.001	United States
Independent Bank Ma	0.006	United States
Indie Semiconductor (a)	0.001	United States
Indivior Pharmaceuticals	0.007	United States
Industrial Logistics	0.001	United States
Infinity Natural Resourc	0.000	United States
Infleqtion	0.002	United States
Information Services Grp	0.000	United States
Infusystem Hldgs Inc	0.000	United States
Ingersoll-rand Inc	0.044	United States
Ingevity Corporation	0.004	United States
Ingles Markets Inc	0.002	United States
Ingram Micro Holding Cor	0.002	United States
Ingredion Inc	0.008	United States
Inhibikase Therapeutics	0.000	United States
Inhibrx Biosciences	0.001	United States
Innodata Inc	0.003	United States
Innospec Inc	0.003	United States
Innovage Holding	0.000	United States
Innovate Corp	0.000	United States
Innovative Industrial	0.002	United States
Innovative Solutions	0.000	United States
Innovex International	0.002	United States
Innoviva Inc	0.002	United States
Innventure	0.000	United States
Inogen Inc	0.000	United States
Inseego Corp	0.000	United States
Insight Enterprises Inc	0.005	United States
Insmed Inc	0.032	United States
Insperity Inc	0.002	United States
Inspire Medical Systems	0.002	United States
Inspired Entertainment	0.000	United States
Installed Bldng Products	0.007	United States
Insteel Industries Inc	0.001	United States
Insulet Corp	0.015	United States
Intapp	0.002	United States
Integer Holdings Corp	0.004	United States
Integra Lifesciences	0.002	United States
Intel Corp	0.845	United States
Intella Therapeutics Inc	0.003	United States
Intellicheck Inc	0.000	United States
Interactive Brokers Grp	0.052	United States
Intercontinental Exch	0.095	United States
Interdigital Inc	0.010	United States
Interface Inc	0.003	United States
International Bancshares	0.006	United States
International Money Exp	0.001	United States
International Paper Co	0.028	United States
International Seaways	0.004	United States
Interparfums Inc	0.003	United States
Intest Corp	0.000	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Intl Business Machines	0.365	United States
Intl Flavors & Fragrance	0.028	United States
Intrepid Potash Inc	0.000	United States
Intuit	0.097	United States
Intuitive Machines	0.004	United States
Intuitive Surgical Inc	0.193	United States
Inventrust Properties	0.004	United States
Invesco Ltd	0.013	United States
Invesco Mortgage Cap	0.001	United States
Investar Holding Corp	0.001	United States
Investors Title Co	0.001	United States
Invitation Homes Inc	0.025	United States
Invivyd Inc	0.000	United States
Ionis Pharmaceuticals	0.018	United States
Ionq Inc (a)	0.027	United States
Iovance Biotherapeutics	0.002	United States
Ipg Photonics Corp	0.004	United States
Iqvia Holdings Inc	0.044	United States
Iradimed Corporation	0.001	United States
Iren Limited	0.020	United States
Iridium Communications	0.007	United States
Iron Mountain Inc	0.052	United States
Ironwood Pharmaceuticals	0.001	United States
Irythm Holdings Inc	0.005	United States
Isabella Bank Corp	0.000	United States
Itron Inc	0.005	United States
Itt Inc	0.024	United States
Ivanhoe Electric	0.002	United States
J & J Snack Foods Co	0.002	United States
Jabil Inc	0.055	United States
Jack In The Box Inc	0.000	United States
Jackson Financial	0.009	United States
Jacobs Solutions Inc	0.020	United States
Jade Biosciences Inc	0.001	United States
Jakks Pacific Inc	0.000	United States
James Hardie Industries	0.005	United States
James River Group Holdin	0.000	United States
Janus International (a)	0.001	United States
Janus Living Inc	0.002	United States
Janux Therapeutics Inc	0.001	United States
Jazz Pharmaceuticals Plc	0.020	United States
Jb Hunt Trans Svcs Inc	0.030	United States
Jbg Smith Properties	0.001	United States
Jbs Nv1	0.005	United States
Jbt Marel Corporation	0.010	United States
Jefferies Financial Grp	0.010	United States
Jefferson Capital	0.001	United States
Jetblue Airways Corp	0.003	United States
Jfrog	0.013	United States
Jjill Inc	0.000	United States
Joby Aviation Inc	0.008	United States
John Marshall Bancorp In	0.000	United States
Johnson & Johnson	0.844	United States
Johnson Controls Intnl	0.123	United States
Johnson Outdoors Inc	0.000	United States
Jones Lang Lasalle Inc	0.020	United States
Jpmorgan Chase & Co	1.208	United States
Kadant Inc	0.005	United States
Kailera Therapeutics	0.001	United States
Kaiser Aluminum Corp	0.004	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Kaltura	0.000	United States
Karat Packaging	0.000	United States
Karman Holdings	0.005	United States
Karyopharm Therapeutics	0.000	United States
Kb Home	0.005	United States
Kbr Inc	0.006	United States
Kearny Financial Corp	0.001	United States
Keel Infrastructure Corp	0.005	United States
Kelly Services Inc	0.000	United States
Kemper Corporation	0.002	United States
Kennametal Inc	0.004	United States
Kenvue Inc	0.050	United States
Keros Therapeutics	0.000	United States
Kestra Medical Technolog	0.001	United States
Keurig Dr Pepper Inc	0.059	United States
Keycorp	0.029	United States
Keysight Technologies	0.082	United States
Kforce Inc	0.001	United States
Kilroy Realty Corp	0.006	United States
Kimball Electronics Inc	0.001	United States
Kimberly Clark Corp	0.050	United States
Kimco Realty Corp	0.023	United States
Kinder Morgan Inc	0.086	United States
Kindercare Learning Comp	0.000	United States
Kinetik Holdings Inc (a)	0.003	United States
Kingstone Cos Inc	0.000	United States
Kingsway Corporation	0.000	United States
Kiniksa Pharmaceutic (a)	0.004	United States
Kinsale Capital Group	0.010	United States
Kirby Corp	0.010	United States
Kite Realty Group Trust	0.008	United States
Kkr & Co Inc	0.087	United States
Kkr Real Estate Finance	0.000	United States
Kla Corporation	0.545	United States
Klaviyo Inc	0.003	United States
Knife River Corporation	0.007	United States
Knight-swift Transport	0.017	United States
Knowles Corporation	0.005	United States
Kodiak Gas Services Inc	0.010	United States
Kodiak Sciences	0.002	United States
Kohls Corp	0.003	United States
Kolibri Global Energy In	0.000	United States
Kontoor Brands	0.006	United States
Kopin Corp	0.001	United States
Koppers Holdings Inc	0.001	United States
Kore Group Holdings (a)	0.000	United States
Korn Ferry	0.005	United States
Korro Bio Inc	0.000	United States
Koru Medical Systems Inc	0.000	United States
Kosmos Energy Ltd	0.002	United States
Kratos Defense & Sec Sol	0.013	United States
Krispy Kreme	0.000	United States
Kroger Co	0.043	United States
Kronos Worldwide Inc	0.000	United States
Krystal Biotech	0.013	United States
Kulicke Soffa	0.009	United States
Kura Oncology Inc	0.001	United States
Kura Sushi Usa Inc	0.001	United States
Kvh Industries Inc	0.000	United States
Kymera Therapeutics	0.010	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Kyndryl Holdings	0.003	United States
Kyverna Therapeutics	0.001	United States
L3harris Technologies	0.075	United States
La Z Boy Inc	0.002	United States
Labcorp Holdings Inc	0.032	United States
Ladder Capital Corp	0.002	United States
Lakeland Financial Corp	0.002	United States
Lam Research Corp	0.747	United States
Lamar Advertising Co	0.018	United States
Lamb Weston Holdings	0.008	United States
Landmark Bancorp Inc	0.000	United States
Lands End Inc	0.000	United States
Landstar Systems Inc	0.010	United States
Lantheus Holdings Inc	0.010	United States
Lantronix Inc	0.000	United States
Lanzatech Global	0.000	United States
Larimar Therapeutics Inc	0.000	United States
Las Vegas Sands Corp	0.018	United States
Latham Group	0.000	United States
Lattice Semiconductor	0.029	United States
Laureate Education Inc	0.006	United States
Lazard Inc	0.005	United States
Lb Pharmaceuticals	0.001	United States
Lci Industries	0.003	United States
Lcnb Corp	0.000	United States
Lear Corp	0.009	United States
Lee Enterprises Inc	0.000	United States
Legacy Housing Corp	0.000	United States
Legalzoom Inc	0.001	United States
Legence Corp	0.007	United States
Leggett & Platt Inc	0.002	United States
Leidos Holdings Inc	0.018	United States
Lemaitre Vascular Inc	0.003	United States
Lemonade	0.006	United States
Lendingtree Inc	0.001	United States
Lennar Corp Cl A	0.026	United States
Lennar Corp Cl B	0.001	United States
Lennox International Inc	0.025	United States
Lenz Therapeutics Inc	0.000	United States
Leonardo Drs Inc	0.004	United States
Lexeo Therapeutics	0.000	United States
Lexicon Pharmaceuticals	0.001	United States
Lgi Homes Inc	0.002	United States
Liberty Broadband Cl A	0.001	United States
Liberty Broadband Cl C	0.005	United States
Liberty Capital Corporat	0.000	United States
Liberty Capital Corporat	0.001	United States
Liberty Energy Inc (a)	0.006	United States
Liberty Formula 1 Ser A	0.003	United States
Liberty Formula 1 Ser C	0.029	United States
Liberty Global Ltd	0.003	United States
Liberty Global Ltd	0.002	United States
Liberty Latin America A	0.000	United States
Liberty Latin America C	0.001	United States
Liberty Live Hld (a)	0.003	United States
Liberty Live Hld (c)	0.007	United States
Life Time Group Holdings	0.008	United States
Life360	0.001	United States
Lifecore Biomedical Inc	0.000	United States
Lifemd Inc	0.000	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Lifestance Health Group	0.003	United States
Lifetime Brands Inc	0.000	United States
Lifeway Foods Inc	0.000	United States
Lifezone Metals Ltd	0.000	United States
Ligand Pharmaceuticals	0.009	United States
Lightbridge	0.000	United States
Lightpath Technologies	0.001	United States
Lightwave Logic Inc	0.002	United States
Lilly Eli & Co	1.321	United States
Limbach Holdings Inc	0.001	United States
Limoneira Co	0.000	United States
Lincoln Educational Svs	0.002	United States
Lincoln Electric Hldgs	0.020	United States
Lincoln National Corp	0.008	United States
Lindblad Expeditions Inc	0.002	United States
Linde Plc	0.330	United States
Lindsay Corp	0.002	United States
Lineage	0.004	United States
Lineage Cell Therapeutic	0.000	United States
Lionsgate Studios Corp	0.004	United States
Liquidia Corporation	0.008	United States
Liquidity Services Inc	0.001	United States
Lithia Motors Inc	0.009	United States
Littelfuse Inc	0.016	United States
Livanova Plc	0.006	United States
Live Nation Ent Inc	0.040	United States
Live Oak Bancshares Inc	0.002	United States
Liveramp Holdings Inc	0.003	United States
Livewire Group Inc	0.000	United States
Lkq Corp	0.009	United States
Loandepot	0.000	United States
Loar Holdings	0.005	United States
Lockheed Martin Corp	0.143	United States
Loews Corp	0.026	United States
Louisiana Pacific Corp	0.007	United States
Lovesac Co	0.000	United States
Lowes Cos Inc	0.171	United States
Lpl Financial Holdings	0.031	United States
Lsb Industries Inc	0.001	United States
Lsi Industries Inc	0.001	United States
Ltc Properties Inc	0.003	United States
Lucid Diagnostics	0.000	United States
Lucid Group Inc (a)	0.001	United States
Lululemon Athletica Inc	0.016	United States
Lumen Technologies Inc	0.010	United States
Lumentum Holdings Inc	0.084	United States
Lumexa Imaging Holdings	0.000	United States
Luxfer Holdings	0.001	United States
Lxp Industrial Trust	0.004	United States
Lyell Immunopharma	0.000	United States
Lyft	0.008	United States
Lyondellbasell Inds	0.019	United States
M & T Bank Corp	0.048	United States
M Tron Industries Inc	0.001	United States
M/i Homes Inc	0.006	United States
Macerich Co	0.010	United States
Macom Tech Solutions	0.035	United States
Macrogenics Inc	0.000	United States
Macys Inc	0.009	United States
Madden Steven Ltd	0.004	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Madi Sq Gard Sports	0.009	United States
Madison Square Garden En	0.004	United States
Madrigal Pharmaceuticals	0.013	United States
Magnera Corporation	0.001	United States
Magnite Inc	0.004	United States
Magnolia Oil & Gas (a)	0.006	United States
Mainstreet Bancshares	0.000	United States
Malibu Boats Inc	0.001	United States
Mamas Creations Inc	0.001	United States
Manhattan Assocs Inc	0.011	United States
Manitowoc Co Inc	0.001	United States
Mannkind Corp	0.002	United States
Manpowergroup	0.002	United States
Maplebear Inc	0.010	United States
Maplight Therapeutics In	0.001	United States
Mara Holdings Inc	0.007	United States
Marathon Petroleum Corp	0.104	United States
Maravai Lifesciences Hol	0.001	United States
Marcus & Millichap	0.001	United States
Marcus Corp	0.001	United States
Marex Group Plc	0.005	United States
Marinemax Inc	0.001	United States
Markel Group Inc	0.033	United States
Marketaxess Holdings Inc	0.005	United States
Marketwise Inc (a)	0.000	United States
Marqeta	0.002	United States
Marriott Intl Inc	0.112	United States
Marriott Vac World Corp	0.004	United States
Marsh	0.111	United States
Marten Trans Ltd	0.001	United States
Martin Marietta Mtls	0.048	United States
Marvell Technology Group	0.359	United States
Masco Corp	0.023	United States
Mastec Inc	0.036	United States
Masterbrand Inc	0.003	United States
Mastercard Inc	0.572	United States
Mastercraft Boat Holding	0.001	United States
Matador Res Co	0.008	United States
Match Group Inc	0.012	United States
Materion Corporation	0.008	United States
Mativ Holdings Inc	0.001	United States
Matrix Service Co	0.001	United States
Matson Inc	0.008	United States
Mattel Inc	0.006	United States
Matthews International	0.001	United States
Maui Land & Pineapple Co	0.000	United States
Maximus Inc	0.004	United States
Maxlinear Inc	0.015	United States
Mayville Engineering	0.001	United States
Maze Therapeutics	0.001	United States
Mbia Inc	0.000	United States
Mbx Biosciences	0.002	United States
Mccormick & Co Inc	0.018	United States
Mcdonalds Corp	0.265	United States
Mcewen Inc	0.001	United States
Mcgrath Rentcorp	0.004	United States
Mcgraw Hill Inc	0.000	United States
Mckesson Corp	0.128	United States
Mdu Resources Group Inc	0.006	United States
Mechanics Bancorp	0.001	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Medallion Financial	0.000	United States
Mediaalpha	0.001	United States
Medical Properties Trust	0.003	United States
Mediwound	0.000	United States
Medline	0.024	United States
Medpace Holdings Inc	0.017	United States
Medtronic Plc	0.138	United States
Meiragtx Holdings Plc	0.001	United States
Mercantile Bank Corp	0.001	United States
Merchants Bancorp	0.002	United States
Merck & Co Inc	0.439	United States
Mercury General Corp	0.004	United States
Mercury Systems Inc	0.009	United States
Meridian Corporation	0.000	United States
Merit Med Systems Inc	0.006	United States
Meritage Homes Corp	0.008	United States
Mesa Labs Inc	0.001	United States
Meta Platforms Inc	1.708	United States
Metallus Inc	0.001	United States
Methode Electrs Inc	0.001	United States
Metlife Inc	0.063	United States
Metrocity Bankshares	0.001	United States
Metropolitan Bank Holdin	0.001	United States
Mettler Toledo Intl Inc	0.036	United States
Mfa Financial Inc	0.001	United States
Mge Energy Inc	0.004	United States
Mgic Investment Corp	0.008	United States
Mgm Resorts Intl	0.012	United States
Mgp Ingredients Inc	0.000	United States
Miami International Hold	0.004	United States
Microchip Technology	0.067	United States
Micron Technology Inc	1.795	United States
Microsoft Corp	3.824	United States
Microvast Holdings Inc	0.000	United States
Mid Penn Bancorp Inc	0.001	United States
Mid-amer Apt Cmntys	0.022	United States
Middleby Corp	0.010	United States
Middlesex Water Co	0.001	United States
Midland States Bancorp	0.001	United States
Miller Industries Inc	0.001	United States
Millerknoll Inc	0.002	United States
Millicom International C	0.011	United States
Millrose Properties Inc	0.006	United States
Mimedx Group	0.001	United States
Minerals Technologies	0.003	United States
Mineralys Therapeutics I	0.002	United States
Minerva Neurosciences	0.000	United States
Minimed Group	0.001	United States
Mirion Technologies Inc	0.006	United States
Mirum Pharmaceuticals	0.007	United States
Mission Produce	0.001	United States
Mistras Group Inc	0.000	United States
Mitek Sys Inc	0.001	United States
Mks Inc	0.041	United States
Mntn	0.001	United States
Moderna	0.035	United States
Modine Manufacturing Co	0.019	United States
Modiv Industrial Inc (c)	0.000	United States
Moelis & Co	0.007	United States
Mohawk Industries Inc	0.008	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Molina Healthcare Inc	0.016	United States
Moloson Coors Beverage	0.008	United States
Monarch Casino & Resort	0.002	United States
Mondelez International	0.102	United States
Mongodb	0.036	United States
Monolithic Power Systems	0.090	United States
Monopar Therapeutics	0.001	United States
Monro Inc	0.001	United States
Monster Beverage Corp	0.093	United States
Montauk Renewables	0.000	United States
Monte Rosa Therapeutics	0.002	United States
Moodys Corp	0.094	United States
Moog Inc	0.016	United States
Morgan Stanley	0.323	United States
Morningstar Inc	0.004	United States
Mosaic Company	0.009	United States
Motorcar Pts America Inc	0.000	United States
Motorola Solutions Inc	0.095	United States
Movado Group Inc	0.001	United States
Mp Materials Corp (a)	0.011	United States
Msa Safety Inc	0.009	United States
Msc Indl Direct Inc	0.007	United States
Msci Inc	0.054	United States
Mueller Industries Inc	0.018	United States
Mueller Wtr Prods Inc	0.005	United States
Murphy Oil Corp	0.006	United States
Murphy Usa Inc	0.012	United States
Mvb Financial Corp	0.000	United States
Myers Industries Inc	0.002	United States
Myr Group Inc	0.011	United States
Myriad Genetics Inc	0.001	United States
N-able	0.000	United States
Nabors Industries Ltd	0.002	United States
Nacco Industries Inc	0.000	United States
Nano Nuclear Energy	0.001	United States
Napco Sec Technologies	0.002	United States
Nasdaq Inc	0.049	United States
Natera Inc	0.051	United States
Nathans Famous Inc	0.000	United States
National Bank Holdings	0.003	United States
National Bankshares Inc	0.000	United States
National Beverage Corp	0.001	United States
National Cinemedia	0.000	United States
National Energy Services	0.002	United States
National Fuel Gas Co	0.010	United States
National Health Invs Inc	0.005	United States
National Healthcare Corp	0.004	United States
National Healthcare Prop	0.001	United States
National Presto Inds Inc	0.001	United States
National Storage Affil	0.004	United States
National Vision Holdings	0.002	United States
Natural Gas Services Grp	0.001	United States
Natural Grocers Vita Ctg	0.001	United States
Natures Sunshine Prods	0.000	United States
Nautilus Biotech Inc	0.000	United States
Navan	0.003	United States
Navient Corporation	0.001	United States
Navigator Holdings	0.001	United States
Navitas Semi Corp (a)	0.004	United States
Nb Bancorp	0.001	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Nbt Bancorp Inc	0.003	United States
Ncino	0.002	United States
Ncr Atleos Corporation	0.004	United States
Ncr Voyix Corp	0.002	United States
Nektar Therapeutics	0.003	United States
Nelnet Inc	0.003	United States
Neogen Corp	0.003	United States
Neogenomics Inc	0.003	United States
Neptune Insurance Holdin	0.002	United States
Nerdwallet	0.000	United States
Net Lease Office Propert	0.000	United States
Net Power Inc	0.000	United States
Netapp Inc	0.042	United States
Netflix Inc	0.413	United States
Netgear Inc	0.001	United States
Netscout Systems Inc	0.004	United States
Netstreit	0.003	United States
Neumora Therapeutics Inc	0.000	United States
Neurocrine Biosciences	0.023	United States
Neurogene Inc	0.000	United States

Russell 3000®	Weight(%)	Country
Neuropace	0.001	United States
New Era Energy & Digital	0.001	United States
New Jersey Resources	0.008	United States
New York Times Co	0.015	United States
Newell Brands Inc	0.004	United States
Newmark Group Inc	0.003	United States
Newmarket Corporation	0.007	United States
Newmont Corporation	0.138	United States
News Corp Cl A	0.013	United States
News Corp Cl B	0.005	United States
Newsmax Inc	0.001	United States
Newtekone Inc	0.001	United States
Nexpoint Diversified Rea	0.000	United States
Nexpoint Real Estate Fin	0.000	United States
Nexpoint Residential Tr	0.001	United States
Nexstar Media Group Inc	0.007	United States
Nextdecade	0.002	United States
Nextdoor Holdings Inc	0.001	United States
Nextera Energy Inc	0.253	United States
Nextnav Inc (a)	0.002	United States

Russell 3000®	Weight(%)	Country
Nextpower Inc	0.024	United States
Nexxen International	0.000	United States
Ni Holdings Inc	0.000	United States
Niagen Bioscience Inc	0.000	United States
Nicolet Bankshares Inc	0.004	United States
Nike Inc	0.067	United States
Niocorp Developments Ltd	0.001	United States
Niq Global Intelligence	0.001	United States
Nisource Inc	0.031	United States
Nkarta	0.000	United States
Nli Holdings Inc	0.000	United States
Nlight	0.005	United States
Nmi Hldgs Inc	0.004	United States
Nnn Reit Inc	0.012	United States
Noble	0.006	United States
Nordic American Tanker	0.002	United States
Nordson Corp	0.022	United States
Norfolk Southern Corp	0.098	United States
Northeast Bank	0.001	United States
Northeast Community Banc	0.000	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Northern Oil & Gas Inc	0.003	United States
Northern Trust Corp	0.044	United States
Northfield Bancorp Inc	0.001	United States
Northpointe Bancshares	0.001	United States
Northrim Bancorp Inc	0.001	United States
Northrop Grumman Corp	0.094	United States
Northwest Bancshares Inc	0.003	United States
Northwest Natural Hldg	0.003	United States
Northwestern Energy Grou	0.006	United States
Norwegian Cruise Line	0.013	United States
Norwood Financial Corp	0.000	United States
Nov Inc	0.009	United States
Novagold Resources Inc	0.003	United States
Novanta Inc	0.008	United States
Novavax Inc	0.002	United States
Novocure Ltd	0.002	United States
Npk International Inc	0.002	United States
Nrc Health	0.000	United States
Nrg Energy Inc	0.041	United States
Nu Holdings	0.064	United States
Nu Skin Enterprises	0.000	United States
Nucor Corp	0.068	United States
Nurix Therapeutics	0.003	United States
Nuscale Power Corp (a)	0.004	United States
Nutanix Inc	0.018	United States
Nutex Health	0.001	United States
Nuvalent	0.009	United States
Nuvation Bio Inc (a)	0.002	United States
Nuvectis Pharma	0.000	United States
Nve Corp	0.001	United States
Nvent Electric Plc	0.038	United States
Nvidia Corp	6.440	United States
Nvr Inc	0.025	United States
Nwpx Infrastructure Inc	0.002	United States
O Reilly Automotive Inc	0.105	United States
O-i Glass	0.002	United States
Oak Valley Bancorp	0.000	United States
Occidental Pete Corp	0.049	United States
Oceaneering Intl Inc	0.005	United States
Oceanfirst Financial	0.002	United States
Octave Specialty Grp Inc	0.000	United States
Ocugen Inc	0.001	United States
Ocular Therapeutix Inc	0.003	United States
Oddity Tech Ltd	0.001	United States
Ofg Bancorp	0.003	United States
Oge Energy Corp	0.014	United States
Ohio Vy Banc Corp	0.000	United States
Oil Dri Corp Of America	0.001	United States
Oil States International	0.001	United States
Oklo	0.010	United States
Okta Inc	0.032	United States
Olaplex Holdings	0.000	United States
Old Dominion Freight	0.056	United States
Old National Bancorp	0.012	United States
Old Republic Intl Corp	0.013	United States
Old Second Bancorp Inc	0.002	United States
Olema Pharmaceuticals	0.001	United States
Olin Corp	0.003	United States
Ollies Bargain Outlet	0.006	United States
Omada Health	0.001	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Omega Flex Inc	0.000	United States
Omega Healthcare Invs	0.020	United States
Omeros Corp	0.001	United States
Omniab Inc	0.000	United States
Omnicell Inc	0.003	United States
Omnicom Group Inc	0.028	United States
On Holding Ag	0.011	United States
On Semiconductor Corp	0.051	United States
Once Upon A Farm Pbc	0.000	United States
Ondas Inc	0.005	United States
One Gas Inc	0.007	United States
One Liberty Properties	0.001	United States
One Stop Systems Inc	0.001	United States
Onemain Holdings Inc	0.010	United States
Oneok Inc	0.076	United States
Onespan Inc	0.001	United States
Onespaworld Holdings	0.004	United States
Onewater Marine	0.000	United States
Onity Group Inc	0.000	United States
Onkure Therapeutics Inc	0.000	United States
Onterris Inc	0.001	United States
Onto Innovation Inc	0.026	United States
Ooma Inc	0.001	United States
Op Bancorp	0.000	United States
Opal Fuels Inc (a)	0.000	United States
Open Lending Corp (a)	0.000	United States
Opendoor Technologie (a)	0.006	United States
Openlane Inc	0.006	United States
Opko Health Inc	0.001	United States
Oportun Financial	0.000	United States
Oppfi Inc	0.000	United States
Optimum Comm Inc (a)	0.001	United States
Option Care Health Inc	0.005	United States
Opus Genetics Inc	0.000	United States
Oracle Corp	0.347	United States
Oramed Pharmaceuticals	0.000	United States
Orange County Bancorp	0.001	United States
Orasure Technologies Inc	0.000	United States
Orchestra Biomed Holding	0.000	United States
Orchid Island Capital	0.002	United States
Organogenesis	0.000	United States
Organon	0.005	United States
Oric Pharmaceuticals	0.001	United States
Origin Bancorp	0.002	United States
Orion Group Holdings	0.001	United States
Orion Properties Inc	0.000	United States
Orion Sa	0.001	United States
Ormat Technologies Inc	0.009	United States
Orrstown Finl Svcs Inc	0.001	United States
Orthofix Medical Inc	0.000	United States
Orthopediatrics Corp	0.000	United States
Oruka Therapeutics Inc	0.006	United States
Oscar Health	0.009	United States
Oshkosh Corp	0.013	United States
Osi Systems Inc	0.005	United States
Otis Worldwide	0.038	United States
Otter Tail Corp	0.005	United States
Ouster Inc (a)	0.005	United States
Outdoor Holding Company	0.000	United States
Outfront Media Inc	0.007	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Ovid Therapeutics Inc	0.001	United States
Ovintiv Inc	0.021	United States
Owens Corning	0.017	United States
Oxford Industries Inc	0.001	United States
P C Connection	0.001	United States
Paccar Inc	0.086	United States
Pacific Biosciences Ca	0.001	United States
Pacira Biosciences	0.001	United States
Packaging Corp Of Amer	0.029	United States
Pacs Group Inc	0.003	United States
Pagerduty	0.001	United States
Pagseguro Digital Ltd	0.002	United States
Palantir Technologies	0.357	United States
Palisade Bio	0.000	United States
Palladyne Ai Corp (a)	0.000	United States
Palo Alto Networks Inc	0.379	United States
Palomar Holdings	0.005	United States
Palvella Therapeutics	0.002	United States
Pamt Corp	0.000	United States
Pangaea Logs Solutions	0.000	United States
Papa Johns International	0.002	United States
Par Pacific Holdings Inc	0.004	United States
Par Technology Corp	0.001	United States
Park Aerospace Corp	0.001	United States
Park Hotels & Resorts	0.004	United States
Park National Corp	0.004	United States
Park Ohio Holdings Corp	0.001	United States
Parke Bancorp Inc	0.000	United States
Parker Hannifin Corp	0.170	United States
Parsons	0.003	United States
Pathward Financial Inc	0.003	United States
Patria Investments	0.001	United States
Patrick Inds Inc	0.004	United States
Pattern Group	0.001	United States
Patterson Uti Energy	0.004	United States
Paychex Inc	0.044	United States
Paycom Software Inc	0.007	United States
Paylocity Hldg Corp	0.006	United States
Paymentus Holdings	0.002	United States
Payoneer Global Inc (a)	0.003	United States
Paypal Holdings Inc	0.053	United States
Paysafe Limited (a)	0.000	United States
Paysign Inc	0.000	United States
Pbf Energy Inc	0.006	United States
Pcb Bancorp	0.000	United States
Pdf Solutions Inc	0.003	United States
Peabody Energy Corp	0.004	United States
Peapack-gladstone Finl	0.001	United States
Pebblebrook Hotel Trust	0.003	United States
Pedevco Corp	0.000	United States
Pediatrix Medical Group	0.003	United States
Pegasystems Inc	0.004	United States
Pelagos Insurance Capita	0.001	United States
Peloton Interactive	0.003	United States
Penguin Solutions Inc	0.005	United States
Penn Entertainment Inc	0.004	United States
Pennant Group	0.002	United States
Pennymac Finl Svcs Inc	0.004	United States
Pennymac Mortgage Inv	0.001	United States
Penske Automotive Group	0.004	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Pentair Plc	0.017	United States
Penumbra Inc	0.017	United States
People Incorporated	0.004	United States
Peoples Bancorp Inc	0.002	United States
Peoples Bancorp N C Inc	0.000	United States
Peoples Finl Svcs Corp	0.001	United States
Pepsico Inc	0.255	United States
Perdoceo Education Corp	0.003	United States
Perella Weinberg Partner	0.002	United States
Performance Food Group	0.023	United States
Perimeter Solutions Inc	0.007	United States
Perma Pipe International	0.000	United States
Perma-fix Environmental	0.000	United States
Permian Resources Corp	0.020	United States
Perpetua Resources	0.002	United States
Perrigo Co Plc	0.002	United States
Personalis Inc	0.001	United States
Perspective Therapeutics	0.000	United States
Petco Health And Wellnes	0.000	United States
Pfizer Inc	0.189	United States
Pg&e Corp	0.051	United States
Phathom Pharmaceuticals	0.001	United States
Phibro Animal Health	0.001	United States
Philip Morris Intl	0.389	United States
Phillips 66	0.094	United States
Phillips Edison & Compan	0.007	United States
Phinia	0.004	United States
Phoenix Education Partne	0.000	United States
Photronics Inc	0.003	United States
Phreesia Inc	0.001	United States
Piedmont Realty Trust	0.002	United States
Pilgrims Pride Corp	0.002	United States
Pinnacle Financial	0.021	United States
Pinnacle West Capital Co	0.018	United States
Pinterest	0.014	United States
Pioneer Bancorp Inc	0.000	United States
Piper Sandler Companies	0.007	United States
Pitney Bowes Inc	0.003	United States
Pjt Partners Inc	0.005	United States
Planet Fitness Inc	0.006	United States
Planet Labs Pbc (a)	0.013	United States
Playboy Inc	0.000	United States
Playtika Holding	0.000	United States
Plexus Corp	0.011	United States
Plug Power Inc	0.005	United States
Plumas Bancorp	0.001	United States
Pnc Financial Svcs Group	0.136	United States
Polaris Inc	0.005	United States
Ponce Financial Group	0.001	United States
Pool Corp	0.010	United States
Popular Inc	0.014	United States
Porch Group Inc (a)	0.002	United States
Portillos	0.000	United States
Portland Gen Elec Co	0.008	United States
Post Holdings Inc	0.005	United States
Postal Realty Trust	0.001	United States
Powell Industries Inc	0.011	United States
Power Integrations Inc	0.006	United States
Power Solutions Internat	0.000	United States
Powerfleet Inc	0.001	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Ppg Industries Inc	0.037	United States
Ppl Corp	0.038	United States
Pra Group Inc	0.001	United States
Praxis Precision Medicin	0.011	United States
Precigen Inc	0.001	United States
Precision Biosciences	0.000	United States
Preferred Bank	0.002	United States
Preformed Line Products	0.001	United States
Prelude Therapeutics	0.000	United States
Prestige Consumer Health	0.003	United States
Price T Rowe Group Inc	0.033	United States
Pricesmart Inc	0.007	United States
Prime Medicine Inc	0.000	United States
Primeenergy Resources	0.000	United States
Primerica Inc	0.012	United States
Primis Financial Corp	0.000	United States
Primo Brands Corporation	0.008	United States
Primoris Svcs Corp	0.007	United States
Princeton Bancorp Inc	0.000	United States
Principal Financial Grp	0.032	United States
Priority Technology	0.000	United States
Privia Health Group	0.004	United States
Pro-dex Inc	0.000	United States
Procept Biorobotics	0.002	United States
Procore Technologies	0.007	United States
Procter & Gamble Co	0.472	United States
Proficient Auto Logistic	0.000	United States
Profrac Holding	0.000	United States
Prog Holdings Inc	0.002	United States
Progress Software Corp	0.002	United States
Progressive Corp	0.176	United States
Progyny	0.003	United States
Prokidney Corp (a)	0.000	United States
Prologis Inc	0.174	United States
Propetro Holding Co	0.002	United States
Prosperity Bancshares	0.010	United States
Protagonist Therapeutics	0.010	United States
Protalix Bio Thera	0.000	United States
Protara Therapeutics Inc	0.000	United States
Prothena Corp Plc	0.001	United States
Proto Labs Inc	0.003	United States
Provident Financial Svcs	0.004	United States
Prudential Financial Inc	0.052	United States
Ptc Inc	0.019	United States
Ptc Therapeutics Inc	0.009	United States
Public Policy Holding Co	0.000	United States
Public Storage Inc	0.069	United States
Public Svc Enterprise	0.056	United States
Pubmatic	0.001	United States
Pulse Biosciences Inc	0.001	United States
Pultegroup Inc	0.036	United States
Puma Biotechnology Inc	0.000	United States
Purecycle Corp	0.000	United States
Purecycle Technologies	0.002	United States
Pursuit Attractions	0.002	United States
Pvh Corp	0.005	United States
Q2 Hldgs Inc	0.004	United States
Qcr Holdings Inc	0.002	United States
Qiagen Nv	0.011	United States
Qnity Electronics	0.047	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Qorvo Inc	0.011	United States
Quad / Graphics Inc	0.000	United States
Quaker Houghton	0.003	United States
Qualcomm Inc	0.269	United States
Qualys Inc	0.007	United States
Quanex Building Products	0.001	United States
Quanta Services Inc	0.148	United States
Quanterix Corporation	0.000	United States
Quantum Computing	0.003	United States
Quantumscape	0.005	United States
Quest Diagnostics Inc	0.032	United States
Quicklogic Corp	0.000	United States
Quidelortho Corporation	0.002	United States
Quinstreet Inc	0.001	United States
Qxo Inc	0.015	United States
Rackspace Technology	0.001	United States
Radian Group Inc	0.007	United States
Radiant Logistics Inc	0.000	United States
Radnet Inc	0.006	United States
Ralliant Corp	0.011	United States
Ralph Lauren Corp	0.021	United States
Ramaco Resources Class B	0.000	United States
Ramaco Resources Inc	0.001	United States
Rambus Inc	0.020	United States
Range Resources Corp	0.012	United States
Ranger Energy Services	0.000	United States
Ranpak Holdings (a)	0.000	United States
Rapid7 Inc	0.001	United States
Rapport Therapeutics	0.002	United States
Raymond James Financial	0.037	United States
Rayonier Adv Materials	0.001	United States
Rayonier Inc	0.009	United States
Rb Global Inc	0.030	United States
Rbb Bancorp	0.001	United States
Rbc Bearings Inc	0.028	United States
Rci Hospitality Hldgs	0.000	United States
Rcm Technologies Inc	0.000	United States
Re/max Holdings Inc	0.000	United States
Ready Capital Corp	0.000	United States
Real Brokerage	0.000	United States
Realloys	0.001	United States
Realty Income Corp	0.080	United States
Recursion Pharmaceutical	0.003	United States
Red Cat Holdings	0.002	United States
Red River Bancshares	0.001	United States
Red Rocks Resorts Inc	0.004	United States
Red Violet	0.001	United States
Reddit Inc	0.032	United States
Redwire Corp	0.003	United States
Redwood Trust Inc	0.001	United States
Regal Rexnord Corp	0.022	United States
Regency Centers Corp	0.020	United States
Regeneron Pharmaceutical	0.087	United States
Regenxbio Inc	0.001	United States
Regional Mgmt Corp	0.000	United States
Regions Financial Corp	0.036	United States
Reinsurance Grp Of Amer	0.019	United States
Relay Therapeutics	0.004	United States
Reliance Inc	0.026	United States
Relmada Therapeutics	0.001	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Remitly Global	0.006	United States
Renaissancere Holdings	0.018	United States
Renasant Corp	0.005	United States
Rent The Runway	0.000	United States
Repay Holdings Corp (a)	0.000	United States
Repligen Corp	0.010	United States
Replimune Group Inc	0.001	United States
Repositrak Inc	0.000	United States
Republic Airways Hldg	0.000	United States
Republic Bancorp Inc Ky	0.001	United States
Republic Services Inc	0.058	United States
Reservoir Media Inc	0.000	United States
Resideo Technologies	0.006	United States
Resmed Inc	0.039	United States
Resolute Holdings Manage	0.001	United States
Restaurant Brands Intern	0.034	United States
Revolution Medicines	0.049	United States
Revolve Group	0.001	United States
Revvity Inc	0.017	United States
Rex American Resources	0.002	United States
Rexford Industrial Rlty	0.010	United States
Reynolds Consumer Produc	0.002	United States
Rezolute	0.001	United States
Rf Inds Ltd	0.000	United States
Rgc Res Inc	0.000	United States
Rh	0.003	United States
Rhinebeck Bancorp	0.000	United States
Rhythm Pharmaceuticals	0.008	United States
Ribbon Communications	0.000	United States
Richardson Electronics	0.000	United States
Richmond Mutual Bancorp	0.000	United States
Richtech Robotics	0.001	United States
Ridenow Group Inc	0.000	United States
Ridgepost Capital Inc	0.001	United States
Rigel Pharmaceuticals	0.001	United States
Rigetti Computing (a)	0.009	United States
Riley Exploration Permia	0.001	United States
Rimini Street Inc	0.000	United States
Ring Energy Inc	0.000	United States
Ringcentral Inc	0.004	United States
Riot Platforms Inc	0.013	United States
Rithm Capital Corp	0.007	United States
Rivian Automotive	0.020	United States
Rli Corp	0.007	United States
Rlj Lodging Tr	0.002	United States
Rmr Group Inc	0.000	United States
Roadzen	0.000	United States
Robert Half Inc	0.004	United States
Robinhood Markets	0.106	United States
Roblox	0.048	United States
Rocket Companies	0.021	United States
Rocket Lab Corp (a)	0.075	United States
Rocket Pharmaceuticals	0.000	United States
Rockwell Automation Inc	0.077	United States
Rocky Brands Inc	0.000	United States
Rogers Corp	0.004	United States
Roivant Sciences Ltd (a)	0.024	United States
Roku Inc	0.025	United States
Rollins Inc	0.017	United States
Root	0.001	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Roper Technologies Inc	0.048	United States
Ross Stores Inc	0.093	United States
Royal Caribbean Group	0.110	United States
Royal Gold Inc	0.023	United States
Royalty Pharma	0.032	United States
Rpc Inc	0.001	United States
Rpm International Inc	0.019	United States
Rtx Corporation	0.353	United States
Rubrik Inc	0.017	United States
Rum Group Inc (a)	0.001	United States
Rush Enterprises Inc	0.001	United States
Rush Enterprises Inc	0.006	United States
Rush Street Intact (a)	0.004	United States
Rxo Inc	0.006	United States
Rxsight	0.000	United States
Ryan Specialty Hold (a)	0.006	United States
Ryder System Inc	0.014	United States
Ryerson Holding Corp	0.002	United States
Ryman Hospitality Pptys	0.011	United States
S & T Bancorp Inc	0.002	United States
S&p Global Inc	0.166	United States
Sab Biotherapeutics	0.000	United States
Sable Offshore Corp	0.001	United States
Sabra Health Care Reit	0.007	United States
Sabre Corp	0.001	United States
Safe Bulkers Inc	0.000	United States
Safehold Inc	0.001	United States
Safety Insurance Grp Inc	0.001	United States
Sagimet Biosciences Inc	0.001	United States
Saia Inc	0.016	United States
Sailpoint	0.001	United States
Salesforce Inc	0.172	United States
Sally Beauty Holdings	0.002	United States
Samsara Inc	0.015	United States
Sana Biotechnology	0.001	United States
Sanara Medtech	0.000	United States
Sandisk Corporation	0.456	United States
Sandridge Energy Inc	0.001	United States
Sanfilippo John B & Son	0.001	United States
Sanmina Corporation	0.018	United States
Sarepta Therapeutics Inc	0.003	United States
Satellogic Inc (a)	0.001	United States
Saul Centers Inc	0.001	United States
Savara Inc	0.001	United States
Savers Value Village Inc	0.001	United States
Sba Communications Corp	0.026	United States
Sbc Medical Group Holdin	0.000	United States
Scansource Inc	0.002	United States
Schein Henry Inc	0.011	United States
Schneider National Inc	0.003	United States
Scholar Rock Holding	0.008	United States
Scholastic Corp	0.001	United States
Schrodinger	0.001	United States
Schwab Charles Corp	0.208	United States
Science Applications Int	0.007	United States
Scorpio Tankers Inc	0.004	United States
Scotts Miracle-gro Co	0.004	United States
Scripps E W Co	0.000	United States
Seaboard Corp	0.002	United States
Seacoast Banking Corp Fl	0.004	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Seacor Marine Holdings	0.000	United States
Seadrill Ltd Nyse	0.003	United States
Seaport Entertainment Gr	0.000	United States
Security Natl Finl Corp	0.000	United States
Sei Investments Co	0.012	United States
Select Water Solutns (a)	0.003	United States
Selective Insurance Grp	0.008	United States
Sellas Life Sciences	0.004	United States
Sempra	0.084	United States
Semtech Corp	0.021	United States
Seneca Foods Corp	0.001	United States
Sensata Technologies	0.010	United States
Senseonics Holdings Inc	0.000	United States
Sensient Technologies	0.007	United States
Sentinelone	0.007	United States
Septerna	0.001	United States
Serve Robotics	0.001	United States
Service Corp Intl	0.014	United States
Service Properties Trust	0.001	United States
Servicenow Inc	0.141	United States
Servicetitan	0.006	United States
Servisfirst Bancshares	0.006	United States
Ses Ai Corporation	0.000	United States
Seven Hills Realty Trust	0.000	United States
Sezzle	0.004	United States
Sfl Corporation Ltd	0.002	United States
Shake Shack Inc	0.003	United States
Sharkninja	0.018	United States
Sharonai Holdings	0.000	United States
Sharplink Inc	0.001	United States
Shattuck Labs	0.001	United States
Shenandoah Telecomm Co	0.001	United States
Sherwin Williams Co	0.110	United States
Shift4 Payments	0.004	United States
Shimmick Corp	0.000	United States
Shoals Technologies Grou	0.002	United States
Shoe Station Group Inc	0.000	United States
Shore Bancshares Inc	0.001	United States
Shoulder Innovations	0.000	United States
Shutterstock Inc	0.000	United States
Si-bone	0.001	United States
Sidus Space	0.000	United States
Sierra Bancorp	0.001	United States
Siga Technologies Inc	0.000	United States
Sight Sciences	0.000	United States
Signet Jewelers Ltd	0.005	United States
Silgan Holdings Inc	0.006	United States
Silicon Laboratories Inc	0.010	United States
Silvaco Group	0.000	United States
Silver Bow Mining Corp	0.000	United States
Silvercrest Asset Mngmt	0.000	United States
Simmons First National	0.004	United States
Simon Property Group Inc	0.099	United States
Simply Good Foods	0.002	United States
Simpson Manufacturing	0.012	United States
Simulations Plus Inc	0.000	United States
Sinclair Inc	0.001	United States
Sionna Therapeutics	0.001	United States
Siriuspoint Ltd	0.003	United States
Siriusxm Holdings Inc	0.007	United States

ESMA Compliance Quarterly Membership Weights

Russell 3000®	Weight(%)	Country
Site Centers Corporation	0.000	United States
Siteone Landscape Supply	0.007	United States
Sitime	0.023	United States
Six Flags Entmt Corp	0.003	United States
Sky Harbour Group Co (a)	0.000	United States
Skyward Specialty Insura	0.003	United States
Skywater Technology	0.002	United States
Skywest Inc	0.005	United States
Skyworks Solutions Inc	0.014	United States
Sl Green Realty Corp	0.005	United States
Slb Limited	0.096	United States
Slide Insurance Holdings	0.002	United States
Slm Corp	0.007	United States
Sm Energy Co	0.009	United States
Smart Sand Inc	0.000	United States
Smartfinancial Inc	0.001	United States
Smartrent Inc	0.000	United States
Smartstop Self Storage R	0.002	United States
Smith A O Corp	0.010	United States
Smith And Wesson Brands	0.001	United States
Smith Midland	0.000	United States
Smithfield Foods	0.002	United States
Smucker J M Co	0.016	United States
Smurfit Westrock	0.033	United States
Snap On Inc	0.028	United States
Snowflake	0.118	United States
Sofi Technologies	0.031	United States
Solaris Energy Infra (a)	0.006	United States
Solid Biosciences Inc	0.001	United States
Solid Power Inc (a)	0.001	United States
Solstice Advanced Materi	0.019	United States
Soluna Holdings	0.000	United States
Solv Energy	0.002	United States
Solventum Corporation	0.016	United States
Somnigroup International	0.022	United States
Sonic Automotive Inc	0.001	United States
Sonida Senior Living	0.002	United States
Sonoco Products Co	0.008	United States
Sonos Inc	0.002	United States
Sotera Health	0.007	United States
Soundhound Ai Inc	0.003	United States
South Plains Financial	0.001	United States
Southern Co	0.149	United States
Southern Copper Corp	0.022	United States
Southern First Bancshare	0.001	United States
Southern Mo Bancorp Inc	0.001	United States
Southside Bancshares Inc	0.001	United States
Southstate Bank Corp	0.013	United States
Southwest Airlines Co	0.033	United States
Southwest Gas Holdings	0.009	United States
Space Exploration Techno	0.125	United States
Spectrum Brands Holdings	0.003	United States
Sphere Entertainment Co	0.006	United States
Spire Global Inc (a)	0.001	United States
Spire Inc	0.006	United States
Spok Holdings Inc	0.000	United States
Spotify Technology Sa	0.100	United States
Sprinklr	0.001	United States
Sprout Social	0.001	United States
Sprouts Frmrs Mkt Inc	0.011	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Spruce Biosciences	0.000	United States
Sps Comm Inc	0.003	United States
Spx Technologies Inc	0.016	United States
Spyglass Pharma	0.000	United States
Spyre Therapeutics Inc	0.009	United States
Sr Bancorp Inc	0.000	United States
Ss&c Technologies Hldgs	0.018	United States
Ssr Mining Adr	0.008	United States
St Joe Co	0.003	United States
Staar Surgical Co	0.001	United States
Stag Indl Inc	0.010	United States
Stagwell Inc	0.001	United States
Standard Motor Products	0.001	United States
Standardaero	0.009	United States
Standex International	0.006	United States
Stanley Black & Decker	0.020	United States
Starbucks Corp	0.161	United States
Starfighters Space	0.000	United States
Starwood Ppty Trust Inc	0.008	United States
Starz Entertainment Corp	0.000	United States
State Street Corp	0.063	United States
Steel Dynamics Inc	0.043	United States
Stellar Bancorp Inc	0.002	United States
Stepan Co	0.002	United States
Stepstone Group	0.004	United States
Stereotaxis	0.000	United States
Steris Plc	0.028	United States
Sterling Infrastructure	0.035	United States
Stewart Information	0.003	United States
Stifel Financial Corp	0.014	United States
Stitch Fix Class A	0.001	United States
Stock Yards Bancorp Inc	0.003	United States
Stoke Therapeutics Inc	0.002	United States
Stoneco	0.003	United States
Stoneridge Inc	0.000	United States
Stonex Group Inc	0.012	United States
Strata Critical Medi (a)	0.000	United States
Strategic Education Inc	0.002	United States
Strategy Inc	0.039	United States
Strattec Sec Corp	0.000	United States
Strawberry Fields Re	0.000	United States
Stride Inc	0.005	United States
Strive Inc (a)	0.001	United States
Stryker Corp	0.150	United States
Stubhub Holdings	0.004	United States
Sturm Ruger & Co Inc	0.001	United States
Summit Hotel Pptys	0.001	United States
Summit Midstream Corp	0.000	United States
Summit Therapeutics Inc	0.003	United States
Sun Communities Inc	0.020	United States
Sunbelt Rentals Holdings	0.042	United States
Suncoke Energy Inc	0.001	United States
Sunrun Inc	0.004	United States
Sunstone Hotel Invs Inc	0.003	United States
Super Group Sghc Ltd	0.003	United States
Super Micro Computer Inc	0.023	United States
Superior Group Of Co	0.000	United States
Supernus Pharmaceuticals	0.004	United States
Surgery Partners Inc	0.002	United States
Surrozen	0.000	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Sutro Biopharma	0.001	United States
Swarmer	0.000	United States
Sweetgreen	0.001	United States
Sylvamo	0.002	United States
Synaptics Inc	0.007	United States
Synchrony Financial	0.035	United States
Syndax Pharmaceuticals	0.003	United States
Synopsys Inc	0.115	United States
Syntec Optics Holdin (a)	0.000	United States
Sysco Corp	0.055	United States
T-mobile Us Inc	0.113	United States
T1 Energy Inc (a)	0.002	United States
Taboola Com Ltd (a)	0.001	United States
Tactile Systems Tech	0.001	United States
Take-two Interactive	0.063	United States
Talen Energy Corp	0.024	United States
Talkspace Inc (a)	0.001	United States
Talos Energy Inc	0.002	United States
Tandem Diabetes Care Inc	0.001	United States
Tanger Inc	0.006	United States
Tango Therapeutics Inc	0.006	United States
Tapestry Inc	0.041	United States
Targa Resources Inc	0.079	United States
Target Corp	0.082	United States
Target Hospitality (a)	0.001	United States
Tarsus Pharmaceuticals	0.004	United States
Tat Technologies Ltd	0.001	United States
Taylor Devices Inc	0.000	United States
Taylor Morrison Home Ii	0.009	United States
Taysha Gene Therapies	0.002	United States
Td Synnex Corp	0.028	United States
Technipfmc	0.036	United States
Techtarget Inc	0.000	United States
Tecnoglass	0.002	United States
Tectonic Therapeutic Inc	0.000	United States
Teekay Corporation Ltd	0.001	United States
Teekay Tankers Ltd	0.002	United States
Tejon Ranch Co	0.001	United States
Teladoc Health Inc	0.002	United States
Teledyne Technologies	0.042	United States
Teleflex Inc	0.008	United States
Telephone & Data Systems	0.005	United States
Telos	0.000	United States
Tempus Ai	0.009	United States
Tenable Holdings	0.006	United States
Tenax Therapeutics Inc	0.000	United States
Tenet Healthcare Corp	0.022	United States
Tennant Co	0.002	United States
Teradata Corp	0.004	United States
Teradyne Inc	0.105	United States
Terawulf Inc	0.012	United States
Terex Corp	0.011	United States
Terreno Realty Corp	0.009	United States
Tesla Inc	1.695	United States
Tetra Tech Inc	0.010	United States
Tetra Technologies Inc	0.002	United States
Texas Capital Bancshares	0.006	United States
Texas Instruments Inc	0.374	United States
Texas Pacific Land Corp	0.036	United States
Texas Roadhouse Inc	0.018	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Textron Inc	0.022	United States
Tfs Finl Corp	0.001	United States
Tg Therapeutics Inc	0.011	United States
The Baldwin Ins (a)	0.004	United States
The Campbells Company	0.006	United States
The Chemours Company	0.004	United States
The Cigna Group	0.099	United States
The Hartford Insurance	0.050	United States
The Howard Hughes Hldg	0.003	United States
The Kraft Heinz Company	0.028	United States
The Marzetti Company	0.003	United States
The Oncology Inc (a)	0.001	United States
The Realreal Inc	0.002	United States
The Trade Desk Inc	0.010	United States
The Vita Coco Company	0.004	United States
The Wendy's Company	0.002	United States
Theravance Biopharma Inc	0.001	United States
Thermo Fisher Scientific	0.257	United States
Third Coast Bancshares	0.001	United States
Thor Industries Inc	0.005	United States
Thredup	0.001	United States
Thryv Holdings	0.000	United States
Tic Solutions Inc	0.002	United States
Tidewater Inc	0.004	United States
Tigo Energy	0.000	United States
Timberland Bancorp Inc	0.000	United States
Timken Co	0.013	United States
Tiptree Inc	0.001	United States
Titan America Sa	0.001	United States
Titan International Inc	0.001	United States
Titan Machinery Inc	0.001	United States
Tjx Companies Inc	0.231	United States
Tko Group Holdings Inc	0.017	United States
Toast	0.018	United States
Toll Brothers Inc	0.021	United States
Tompkins Financial Corp	0.002	United States
Tonix Pharmaceuticals	0.000	United States
Topbuild Corp	0.014	United States
Toro Co	0.013	United States
Torrid Holdings	0.000	United States
Townebank Portsmouth Va	0.004	United States
Toyo Co	0.000	United States
Tpg Mortgage Investment	0.000	United States
Tpg Partners Llc	0.008	United States
Tpg Re Finance Trust	0.001	United States
Tractor Supply Co	0.023	United States
Tradeweb Markets	0.016	United States
Trane Technologies Plc	0.150	United States
Transcat Inc	0.001	United States
Transcontinental Realty	0.000	United States
Transdigm Group Inc	0.103	United States
Transmedics Group	0.003	United States
Transocean Ltd	0.007	United States
Transunion	0.019	United States
Travel Plus Leisure Co	0.006	United States
Travelers Cos Inc	0.097	United States
Travere Therapeutics Inc	0.007	United States
Tredegar Corp	0.000	United States
Trevi Therapeutics	0.003	United States
Trex Inc	0.007	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Trico Bancshares	0.002	United States
Trimas Corp	0.002	United States
Trimble Inc	0.016	United States
Trinet Group Inc	0.002	United States
Trinity Industries Inc	0.004	United States
Tripadvisor Inc	0.002	United States
Trisalus Life Sciences	0.000	United States
Triumph Financial Inc	0.002	United States
Tron	0.000	United States
Tronox Holdings Plc	0.001	United States
Trubridge Inc	0.000	United States
Trueblue Inc	0.000	United States
Truist Financial Corp	0.086	United States
Trump Media & Techno	0.002	United States
Trupanion Inc	0.001	United States
Trustco Bank Corp Ny	0.001	United States
Trustmark Corp	0.003	United States
Tss	0.000	United States
Ttm Technologies Inc	0.026	United States
Tucows Inc	0.000	United States
Turning Point Brands Inc	0.002	United States
Turtle Beach Corp	0.000	United States
Tutor Perini Corp	0.005	United States
Twilio Inc	0.042	United States
Twin Disc Inc	0.000	United States
Twist Bioscience	0.009	United States
Two Hbrs Invt Corp	0.002	United States
Txnm Energy Inc	0.008	United States
Tyler Technologies Inc	0.017	United States
Tyra Biosciences	0.002	United States
Tyson Foods Inc	0.022	United States
U Haul Holding Company	0.001	United States
U Haul Holding Company	0.008	United States
U S Physical Therapy Inc	0.001	United States
Uber Technologies	0.195	United States
Ubiquiti Inc	0.003	United States
Udr Inc	0.018	United States
Ufp Industries Inc	0.007	United States
Ufp Technologies Inc	0.003	United States
Ugi Corp	0.010	United States
Uipath	0.006	United States
Ul Solutions	0.011	United States
Ulta Beauty Inc	0.027	United States
Ultra Clean Holdings Inc	0.009	United States
Ultragenyx Pharma	0.004	United States
Umb Financial Corp	0.014	United States
Umh Properties Inc	0.002	United States
Under Armour Class A	0.002	United States
Under Armour Class C	0.002	United States
Unicycive Therapeutics	0.000	United States
Unifirst Corp Mass	0.005	United States
Union Pacific Corp	0.223	United States
Unisys Corp	0.000	United States
United Airlines Holdings	0.061	United States
United Bankshares Inc	0.009	United States
United Community Banks	0.006	United States
United Fire Group Inc	0.002	United States
United Natural Foods Inc	0.004	United States
United Parcel Service	0.111	United States
United Parks & Rsrts	0.001	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
United Rentals Inc	0.098	United States
United States Antimony	0.001	United States
United States Lime & Min	0.002	United States
United Therapeutics	0.031	United States
Unitedhealth Group Inc	0.518	United States
Uniti Group Inc	0.003	United States
Unitil Corp	0.001	United States
Unity Bancorp Inc	0.001	United States
Unity Software	0.014	United States
Universal Corp	0.002	United States
Universal Display Corp	0.005	United States
Universal Health Realty	0.001	United States
Universal Health Svcs	0.010	United States
Universal Insurance	0.001	United States
Universal Logistics Hldg	0.000	United States
Universal Technical Inst	0.003	United States
Univest Financial Corpor	0.002	United States
Unum Group	0.020	United States
Unusual Machines	0.001	United States
Upbound Group Inc	0.002	United States
Upstart Holdings	0.004	United States
Upstream Bio	0.000	United States
Upwork	0.001	United States
Ur Energy	0.001	United States
Uranium Energy Corp	0.007	United States
Urban Edge Properties	0.004	United States
Urban Outfitters Inc	0.006	United States
Urogen Pharma	0.002	United States
Us Gold Corp	0.000	United States
Us Bancorp	0.130	United States
Us Foods Holding Corp	0.031	United States
Us Goldmining Inc	0.000	United States
Usa Rare Earth	0.006	United States
Usa Today Co Inc	0.002	United States
Usana Health Sciences	0.000	United States
Uscb Financial Hldgs (a)	0.000	United States
Utah Med Prods Inc	0.000	United States
Utz Brands Inc (a)	0.001	United States
Uwm Holdings Corp (a)	0.001	United States
V F Corp	0.008	United States
V2x Inc	0.003	United States
Vaalco Energy Inc	0.001	United States
Vail Resorts Inc	0.007	United States
Valaris	0.006	United States
Valero Energy Corp	0.106	United States
Valhi Inc	0.000	United States
Valley National Bancorp	0.010	United States
Valmont Industries Inc	0.015	United States
Value Line Inc	0.000	United States
Valvoline Inc	0.007	United States
Vanda Pharmaceuticals	0.000	United States
Varex Imaging	0.001	United States
Varonis Systems Inc	0.006	United States
Vaxcyte	0.010	United States
Veeco Instruments Inc	0.006	United States
Veeva Systems Inc	0.037	United States
Velo3d Inc (a)	0.000	United States
Velocity Financial Inc	0.000	United States
Ventas Inc	0.059	United States
Venu Holding Corp	0.000	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Vera Therapeutics	0.004	United States
Veracyte Inc	0.006	United States
Veradermics Inc	0.004	United States
Veralto Corporation	0.030	United States
Verastem Inc	0.000	United States
Vericel Corp	0.003	United States
Verisign Inc	0.028	United States
Verisk Analytics Inc	0.032	United States
Veritone Inc	0.000	United States
Verizon Communications	0.245	United States
Verra Mobility Corp	0.001	United States
Versant Media Group	0.007	United States
Versigent Ltd	0.004	United States
Vertex	0.001	United States
Vertex Pharmaceuticals	0.174	United States
Vertiv Holdings Co (a)	0.177	United States
Vestis Corporation	0.002	United States
Via Transportation	0.001	United States
Viant Technology	0.000	United States
Viasat Inc	0.015	United States
Viatris	0.025	United States
Viavi Solutions Inc	0.015	United States
Vici Properties Inc	0.040	United States
Vicor Corp	0.013	United States
Victorias Secret & Co	0.008	United States
Victory Capital Holdings	0.005	United States
Viemed Healthcare	0.001	United States
Viking Holdings Ltd	0.026	United States
Viking Therapeutics Inc	0.006	United States
Village Super Market Inc	0.001	United States
Viper Energy	0.011	United States
Vir Biotechnology	0.002	United States
Virgin Galactic Hldg (a)	0.000	United States
Virginia National Banksh	0.000	United States
Viridian Therapeutics	0.002	United States
Virtu Finl Inc	0.007	United States
Virtus Investment Ptnrs	0.001	United States
Visa Inc	0.782	United States
Vishay Intertechnology	0.009	United States
Vishay Precision Group	0.002	United States
Vista Gold Corp	0.000	United States
Vistance Networks Inc	0.004	United States
Visteon Corp	0.004	United States
Vistra Corp	0.074	United States
Vital Farms	0.001	United States
Vitesse Energy Inc	0.001	United States
Vontier	0.006	United States
Vor Biopharma	0.001	United States
Vornado Realty Trust	0.009	United States
Vox Royalty Corp	0.000	United States
Voya Financial Inc	0.012	United States
Voyager Technologies	0.002	United States
Voyager Therapeutics Inc	0.000	United States
Vse Corp	0.009	United States
Vulcan Materials Co	0.053	United States
Vuzix Corp	0.000	United States
W P Carey Inc	0.022	United States
W&t Offshore Inc	0.000	United States
Wabash National Corp	0.001	United States
Wabtec Corp	0.063	United States

ESMA Compliance Quarterly Membership Weights

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Russell 3000®	Weight(%)	Country
Wafd Inc	0.004	United States
Walker & Dunlop Inc	0.002	United States
Walmart Inc	0.686	United States
Warby Parker	0.004	United States
Warner Bros Dis	0.088	United States
Warrior Met Coal Inc	0.006	United States
Washington Trust Bancorp	0.001	United States
Waste Mgmt Inc	0.114	United States
Waters Corp	0.051	United States
Waterstone Financial Inc	0.000	United States
Watsco Inc	0.020	United States
Watts Water Tech Inc	0.015	United States
Wave Life Sciences Ltd	0.001	United States
Wayfair Inc	0.013	United States
Waystar Holding Corp	0.003	United States
Wd-40 Co	0.004	United States
Wealthfront Corp	0.000	United States
Weatherford Intl Plc	0.008	United States
Weave Communications	0.001	United States
Webster Financial Corp	0.017	United States
Webtoon Entertainment	0.000	United States
Webull Corporation	0.003	United States
Wec Energy Group Inc	0.053	United States
Weis Markets Inc	0.001	United States
Wells Fargo & Co	0.349	United States
Welltower Inc	0.221	United States
Werner Enterprises Inc	0.004	United States
Wesbanco Inc	0.005	United States
Wesco International Inc	0.023	United States
Weshop Holdings	0.000	
West Bancorporation Inc	0.001	United States
West Pharmaceutical Svcs	0.035	United States
Westamerica Bancorp	0.002	United States
Western Alliance Bancorp	0.012	United States
Western Digital Corp	0.298	United States
Western New England	0.000	United States
Western Union Co	0.003	United States
Westlake Corporation	0.003	United States
Westrock Coffee Co (a)	0.000	United States
Westwood Holdings Group	0.000	United States
Wex Inc	0.007	United States
Weyco Group Inc	0.000	United States
Weyerhaeuser Co	0.024	United States
Wheels Up Exp Inc	0.000	United States
Whirlpool Corp	0.003	United States
White Mtns Ins Group Ltd	0.007	United States
Whitefiber	0.001	United States
Whitehawk Therapeutics	0.000	United States
Whitestone Reit	0.001	United States
Wiley John & Sons Inc	0.003	United States
Willdan Group Inc	0.002	United States
Williams Companies Inc	0.125	United States
Williams Sonoma Inc	0.038	United States
Willis Lease Finance	0.001	United States
Willis Towers Watson Plc	0.034	United States
Willscot Holdings Corp	0.007	United States
Wingstop Inc	0.006	United States
Winmark Corp	0.002	United States
Winnebago Industries Inc	0.001	United States
Wintrust Financial Corp	0.015	United States

ESMA Compliance Quarterly Membership Weights

FTSE RUSSELL
An LSEG Business

Russell 3000®	Weight(%)	Country
Wisdomtree Inc	0.003	United States
Wolfspeed Inc	0.002	United States
Wolverine World Wide	0.002	United States
Woodward Inc	0.035	United States
Workday Inc	0.035	United States
Workiva Inc	0.003	United States
World Acceptance Corp	0.001	United States
World Kinect Corporation	0.002	United States
Worthington Enterprises	0.002	United States
Worthington Steel	0.002	United States
Wsfs Financial Corp	0.005	United States
Wyndham Hotels & Resorts	0.009	United States
Wynn Resorts Ltd	0.010	United States
X-energy	0.001	United States
X4 Pharmaceuticals Inc	0.001	United States
Xcel Energy Inc	0.069	United States
Xencor Inc	0.002	United States
Xenia Hotels & Resorts	0.003	United States
Xenon Pharmaceuticals	0.008	United States
Xeris Biopharma Holdings	0.002	United States
Xerox Holdings Corp	0.001	United States
Xmax	0.001	United States
Xoma Royalty	0.001	United States
Xometry	0.006	United States
Xp	0.009	United States
Xpel Inc	0.002	United States
Xperi Inc	0.001	United States
Xpo Inc	0.032	United States
Xponential Fitness	0.000	United States
Xylem Inc	0.039	United States
Yelp Inc	0.002	United States
Yesway	0.000	United States
Yeti Holdings	0.005	United States
Yext Inc	0.001	United States
York Space Systems Inc	0.001	United States
York Water Company	0.001	United States
Yum! Brands Inc	0.061	United States
Z Squared Inc	0.001	United States
Zebra Technologies Corp	0.017	United States
Zenas Biopharma	0.001	United States
Zenatech	0.000	Canada
Zentalis Pharmaceuticals	0.000	United States
Zeta Global Holdings	0.006	United States
Zevra Therapeutics Inc	0.001	United States
Ziff Davis Inc	0.002	United States
Zillow Group Inc Class A	0.002	United States
Zillow Group Inc Class C	0.007	United States
Zimmer Biomet Holdings	0.023	United States
Zion Bancorporation Na	0.014	United States
Ziprecruiter	0.000	United States
Zoetis Inc	0.042	United States
Zoom Communications Inc	0.032	United States
Zoominfo Technologies	0.001	United States
Zscaler	0.020	United States
Zumiez Inc	0.000	United States
Zura Bio Ltd	0.000	United States
Zurn Elkay Water Solut	0.010	United States
Zymeworks	0.002	United States

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