

ESMA Compliance Quarterly Membership Weights

Russell 1000® Growth	Weight(%)	Country	Russell 1000® Growth	Weight(%)	Country	Russell 1000® Growth	Weight(%)	Country
10x Genomics	0.003	United States	Amphenol Corp	0.163	United States	Bill Holdings Inc	0.007	United States
3m Co	0.044	United States	Antero Midstream Corp	0.007	United States	Blackstone Inc	0.423	United States
Aaon Inc	0.027	United States	Apellis Pharmaceuticals	0.011	United States	Block H & R Inc	0.005	United States
Abbvie Inc	0.463	United States	Apollo Global Management	0.219	United States	Block Inc (a)	0.068	United States
Adobe Inc	0.671	United States	Appfolio Inc	0.019	United States	Blue Owl Capital	0.041	United States
Advanced Drainage System	0.010	United States	Apple Inc	12.191	United States	Boeing Co	0.070	United States
Advanced Micro Devices	0.436	United States	Applied Matls Inc	0.423	United States	Booking Holdings Inc	0.525	United States
Airbnb	0.195	United States	Applovin	0.289	United States	Booz Allen Hamilton Hldg	0.055	United States
Align Technology Inc	0.031	United States	Ares Management Corp	0.111	United States	Boston Beer Inc	0.002	United States
Allstate Corp	0.027	United States	Arista Networks Inc	0.387	United States	Bright Horizon Family	0.003	United States
Ally Finl Inc	0.005	United States	Armstrong World Inds Inc	0.007	United States	Broadcom Inc	3.586	United States
Alnylam Pharmaceuticals	0.092	United States	Astera Labs	0.002	United States	Broadridge Financial Inc	0.082	United States
Alphabet Inc Cl A	3.784	United States	Atlassian Corp Plc	0.132	United States	Brown & Brown Inc	0.036	United States
Alphabet Inc Cl C	3.143	United States	Autodesk Inc	0.217	United States	Bruker Corp	0.014	United States
Amazon Com Inc	7.004	United States	Automatic Data Process	0.380	United States	Builders Firstsource Inc	0.005	United States
American Airlines Group	0.003	United States	Autozone Inc	0.168	United States	Burlington Stores Inc	0.061	United States
American Express Co	0.212	United States	Avery Dennison Corp	0.019	United States	Bwx Technologies Inc	0.007	United States
American Tower Corp	0.291	United States	Avis Budget Group Inc	0.002	United States	Cadence Design Systems	0.278	United States
Ameriprise Financial Inc	0.160	United States	Axon Enterprise Inc	0.145	United States	Cardinal Health Inc	0.058	United States
Amgen Inc	0.370	United States	Bentley Systems	0.022	United States	Carlisle Cos Inc	0.008	United States

ESMA Compliance Quarterly Membership Weights

Russell 1000® Growth	Weight(%)	Country	Russell 1000® Growth	Weight(%)	Country	Russell 1000® Growth	Weight(%)	Country
Carmax Inc	0.003	United States	Cognex Corp	0.001	United States	Dexcom Inc	0.103	United States
Carvana Co	0.026	United States	Coinbase Global	0.144	United States	Dicks Sporting Goods Inc	0.004	United States
Caseys General Stores	0.009	United States	Colgate Palmolive Co	0.138	United States	Docusign	0.062	United States
Caterpillar Inc	0.086	United States	Comfort Systems Usa Inc	0.051	United States	Dominos Pizza Inc	0.017	United States
Cava Group Inc	0.029	United States	Confluent	0.024	United States	Doordash	0.176	United States
Cdw Corporation	0.040	United States	Constellation Energy	0.038	United States	Doubleverify Holdings	0.005	United States
Celanese Corp	0.007	United States	Copart Inc	0.159	United States	Doximity	0.002	United States
Celsius Holdings Inc	0.016	United States	Core & Main	0.022	United States	Draftkings Inc (a)	0.057	United States
Cencora Inc	0.127	United States	Corpay Inc	0.078	United States	Dropbox	0.007	United States
Chemed Corporation	0.003	United States	Costco Wholesale Corp	1.382	United States	Duolingo	0.041	United States
Cheniere Energy Inc	0.083	United States	Coupang	0.087	United States	Dutch Bros	0.008	United States
Chipotle Mexican Grill	0.280	United States	Credit Accep Corp Mich	0.008	United States	Dynatrace Inc	0.054	United States
Choice Hotels Intl Inc	0.011	United States	Crocs Inc	0.004	United States	Eagle Materials Inc	0.021	United States
Churchill Downs Inc	0.032	United States	Crowdstrike Holdings	0.268	United States	Ecolab Inc	0.173	United States
Cintas Corp	0.204	United States	Darden Restaurants Inc	0.039	United States	Edwards Lifesciences	0.029	United States
Civitas Resources Inc	0.004	United States	Datadog	0.145	United States	Elastic N.v.	0.029	United States
Cleveland-cliffs Inc	0.005	United States	Davita Inc	0.024	United States	Elevance Health Inc	0.047	United States
Clorox Co	0.069	United States	Dayforce Inc	0.004	United States	Elf Beauty Inc	0.023	United States
Cloudflare	0.110	United States	Deckers Outdoor Corp	0.105	United States	Emcor Group Inc	0.028	United States
Coca Cola Co	0.471	United States	Dell Technologies	0.017	United States	Enphase Energy Inc	0.031	United States

ESMA Compliance Quarterly Membership Weights

Russell 1000® Growth	Weight(%)	Country	Russell 1000® Growth	Weight(%)	Country	Russell 1000® Growth	Weight(%)	Country
Entegris Inc	0.051	United States	Floor & Decor Holdings	0.013	United States	Heico Corp Common	0.036	United States
Epam Systems Inc	0.003	United States	Fortinet Inc	0.165	United States	Hershey Company	0.012	United States
Eqt Corporation	0.006	United States	Fortrea	0.001	United States	Hess Corp	0.082	United States
Equifax Inc	0.021	United States	Freshpet Inc	0.007	United States	Hilton Worldwide Holding	0.103	United States
Equinix Inc	0.017	United States	Gallagher Arthur J & Co	0.016	United States	Home Depot Inc	1.047	United States
Equitable Holdings Inc	0.051	United States	Gartner Inc	0.124	United States	Honeywell International	0.078	United States
Estee Lauder Companies	0.021	United States	Ge Aerospace	0.131	United States	Houlihan Lokey Inc	0.003	United States
Etsy Inc	0.013	United States	Ge Healthcare Technologi	0.011	United States	Howmet Aerospace Inc	0.009	United States
Everest Group Ltd	0.009	United States	Generac Holdings Inc	0.015	United States	Hp Inc	0.026	United States
Exact Sciences Corp	0.014	United States	Gitlab	0.023	United States	Hubspot Inc	0.116	United States
Exelixis Inc	0.026	United States	Globant Sa	0.023	United States	Hyatt Hotels Corp	0.003	United States
Expedia Group Inc	0.079	United States	Godaddy Inc	0.094	United States	Idexx Labs Inc	0.114	United States
Expeditors Intl Of Wash	0.009	United States	Goldman Sachs Group Inc	0.161	United States	Illinois Tool Works Inc	0.095	United States
Factset Research Systems	0.022	United States	Grainger Ww Inc	0.136	United States	Incyte Corp	0.002	United States
Fair Isaac Corp	0.136	United States	Grand Canyon Education	0.005	United States	Ingram Micro Holding Cor	0.000	United States
Fastenal Co	0.118	United States	Guidewire Software Inc	0.021	United States	Inspire Medical Systems	0.018	United States
Ferguson Enterprises	0.008	United States	Hasbro Inc	0.023	United States	Insulet Corp	0.062	United States
Fiserv Inc	0.126	United States	Hashicorp	0.013	United States	Intra Cellular Therapies	0.029	United States
Five Below	0.015	United States	Hca Healthcare Inc	0.046	United States	Intuit	0.584	United States
Five9 Inc	0.010	United States	Heico Corp Cl A	0.051	United States	Intuitive Surgical Inc	0.627	United States

ESMA Compliance Quarterly Membership Weights

Russell 1000® Growth	Weight(%)	Country	Russell 1000® Growth	Weight(%)	Country	Russell 1000® Growth	Weight(%)	Country
Ionis Pharmaceuticals	0.017	United States	Liberty Broadband Cl C	0.007	United States	Mastercard Inc	1.460	United States
Iqvia Holdings Inc	0.014	United States	Liberty Formula 1 Ser A	0.002	United States	Matador Res Co	0.002	United States
Iridium Communications	0.001	United States	Liberty Formula 1 Ser C	0.024	United States	Mcdonalds Corp	0.045	United States
Iron Mountain Inc	0.059	United States	Light & Wonder Inc	0.026	United States	Mckesson Corp	0.108	United States
Jabil Inc	0.004	United States	Lilly Eli & Co	2.102	United States	Medpace Holdings Inc	0.029	United States
Jefferies Financial Grp	0.013	United States	Lincoln Electric Hldgs	0.010	United States	Merck & Co Inc	0.858	United States
Jones Lang Lasalle Inc	0.013	United States	Live Nation Ent Inc	0.070	United States	Meta Platforms Inc	4.363	United States
Kbr Inc	0.002	United States	Loar Holdings	0.007	United States	Microsoft Corp	10.662	United States
Kimberly Clark Corp	0.062	United States	Lockheed Martin Corp	0.112	United States	Microstrategy Inc	0.010	United States
Kinsale Capital Group	0.035	United States	Louisiana Pacific Corp	0.015	United States	Mks Instruments Inc	0.001	United States
Kkr & Co Inc	0.098	United States	Lpl Financial Holdings	0.083	United States	Molina Healthcare Inc	0.035	United States
Kla Corporation	0.289	United States	Lululemon Athletica Inc	0.153	United States	Mongodb	0.057	United States
Lam Research Corp	0.316	United States	Lyft	0.011	United States	Monolithic Power Systems	0.094	United States
Lamar Advertising Co	0.009	United States	Madi Sq Gard Sports	0.001	United States	Monster Beverage Corp	0.102	United States
Lamb Weston Holdings	0.010	United States	Manhattan Assocs Inc	0.056	United States	Moodys Corp	0.254	United States
Las Vegas Sands Corp	0.061	United States	Markel Group Inc	0.018	United States	Morgan Stanley	0.029	United States
Lattice Semiconductor	0.023	United States	Marsh & McLennan Cos	0.049	United States	Morningstar Inc	0.031	United States
Lazard Inc	0.018	United States	Martin Marietta Mtls	0.006	United States	Motorola Solutions Inc	0.123	United States
Lennox International Inc	0.066	United States	Marvell Technology Group	0.026	United States	Msci Inc	0.090	United States
Liberty Broadband Cl A	0.001	United States	Masimo Corporation	0.013	United States	Murphy Usa Inc	0.031	United States

ESMA Compliance Quarterly Membership Weights

Russell 1000® Growth	Weight(%)	Country	Russell 1000® Growth	Weight(%)	Country	Russell 1000® Growth	Weight(%)	Country
Natera Inc	0.062	United States	Paychex Inc	0.055	United States	Qualcomm Inc	0.547	United States
Ncino	0.006	United States	Paycom Software Inc	0.022	United States	Quanta Services Inc	0.048	United States
Netapp Inc	0.036	United States	Paycor Hcm	0.001	United States	Regeneron Pharmaceutical	0.021	United States
Netflix Inc	1.297	United States	Paylocity Hldg Corp	0.029	United States	Repligen Corp	0.004	United States
Neurocrine Biosciences	0.046	United States	Pegasystems Inc	0.014	United States	Resmed Inc	0.031	United States
New Fortress Energy	0.002	United States	Penumbra Inc	0.030	United States	Rh	0.004	United States
Nexstar Media Group Inc	0.006	United States	Pepsico Inc	0.562	United States	Ringcentral Inc	0.010	United States
Nike Inc	0.188	United States	Performance Food Group	0.006	United States	Rli Corp	0.001	United States
Norwegian Cruise Line	0.038	United States	Permian Resources Corp	0.007	United States	Roblox	0.103	United States
Nrg Energy Inc	0.026	United States	Pilgrims Pride Corp	0.001	United States	Rockwell Automation Inc	0.010	United States
Nu Holdings	0.112	United States	Pinterest	0.059	United States	Roku Inc	0.005	United States
Nutanix Inc	0.015	United States	Planet Fitness Inc	0.015	United States	Rollins Inc	0.044	United States
Nvidia Corp	10.689	United States	Pool Corp	0.043	United States	Ross Stores Inc	0.039	United States
O Reilly Automotive Inc	0.215	United States	Popular Inc	0.002	United States	Royal Caribbean Group	0.065	United States
Okta Inc	0.019	United States	Procore Technologies	0.027	United States	Rpm International Inc	0.012	United States
Old Dominion Freight	0.116	United States	Procter & Gamble Co	0.300	United States	Ryan Specialty Hold (a)	0.022	United States
Onto Innovation Inc	0.007	United States	Progressive Corp	0.402	United States	Saia Inc	0.024	United States
Oracle Corp	0.890	United States	Ptc Inc	0.045	United States	Salesforce Inc	0.891	United States
Palantir Technologies	0.517	United States	Public Storage Inc	0.024	United States	Sarepta Therapeutics Inc	0.037	United States
Palo Alto Networks Inc	0.400	United States	Pure Storage Inc	0.056	United States	Schwab Charles Corp	0.038	United States

ESMA Compliance Quarterly Membership Weights

Russell 1000® Growth	Weight(%)	Country	Russell 1000® Growth	Weight(%)	Country	Russell 1000® Growth	Weight(%)	Country
Sealed Air Corp	0.001	United States	Synopsys Inc	0.251	United States	Tpg Partners Llc	0.004	United States
Sentinelone	0.003	United States	Sysco Corp	0.079	United States	Tractor Supply Co	0.097	United States
Servicenow Inc	0.740	United States	Targa Resources Inc	0.131	United States	Tradeweb Markets	0.020	United States
Sharkninja	0.004	United States	Tempur Sealy Intl Inc	0.032	United States	Trane Technologies Plc	0.097	United States
Sherwin Williams Co	0.247	United States	Teradata Corp	0.010	United States	Transdigm Group Inc	0.047	United States
Shift4 Payments	0.022	United States	Teradyne Inc	0.061	United States	Transunion	0.003	United States
Simon Property Group Inc	0.048	United States	Tesla Inc	3.817	United States	Trex Inc	0.025	United States
Simpson Manufacturing	0.002	United States	Tetra Tech Inc	0.008	United States	Tripadvisor Inc	0.000	United States
Siteone Landscape Supply	0.007	United States	Texas Instruments Inc	0.070	United States	Trump Media & Techno	0.005	United States
Skechers Usa Inc	0.003	United States	Texas Pacific Land Corp	0.071	United States	Twilio Inc	0.011	United States
Smartsheet	0.026	United States	Texas Roadhouse Inc	0.041	United States	Tyler Technologies Inc	0.071	United States
Snowflake	0.166	United States	The Azek Company	0.016	United States	U Haul Holding Company	0.009	United States
Sofi Technologies	0.009	United States	The Chemours Company	0.001	United States	U Haul Holding Company	0.001	United States
Southern Copper Corp	0.027	United States	The Cigna Group	0.023	United States	Uber Technologies	0.417	United States
Spirit Aerosystems	0.002	United States	The Trade Desk Inc	0.178	United States	Ubiquiti Inc	0.002	United States
Spotify Technology Sa	0.224	United States	The Wendy's Company	0.005	United States	Uipath	0.016	United States
Standardaero	0.002	United States	Tjx Companies Inc	0.275	United States	Ultra Beauty Inc	0.060	United States
Starbucks Corp	0.273	United States	Tko Group Holdings Inc	0.005	United States	Ultragenyx Pharma	0.013	United States
Stryker Corp	0.132	United States	Toast	0.056	United States	Union Pacific Corp	0.227	United States
Super Micro Computer Inc	0.051	United States	Topbuild Corp	0.003	United States	United Rentals Inc	0.038	United States

ESMA Compliance Quarterly Membership Weights

Russell 1000® Growth	Weight(%)	Country	Russell 1000® Growth	Weight(%)	Country
Unitedhealth Group Inc	0.108	United States	West Pharmaceutical Svcs	0.049	United States
Unity Software	0.010	United States	Western Union Co	0.002	United States
Universal Display Corp	0.012	United States	Wex Inc	0.002	United States
Uwm Holdings Corp (a)	0.001	United States	Williams Sonoma Inc	0.047	United States
Vail Resorts Inc	0.020	United States	Willscot Holdings Corp	0.006	United States
Valvoline Inc	0.016	United States	Wingstop Inc	0.028	United States
Veeva Systems Inc	0.105	United States	Workday Inc	0.186	United States
Veralto Corporation	0.038	United States	Wyndham Hotels & Resorts	0.002	United States
Verisign Inc	0.004	United States	Wynn Resorts Ltd	0.002	United States
Verisk Analytics Inc	0.132	United States	Xp	0.002	United States
Vertex Pharmaceuticals	0.177	United States	Xpo Inc	0.051	United States
Vertiv Holdings Co (a)	0.138	United States	Yeti Holdings	0.003	United States
Viking Therapeutics Inc	0.015	United States	Yum! Brands Inc	0.049	United States
Viper Energy	0.005	United States	Zebra Technologies Corp	0.014	United States
Visa Inc	1.694	United States	Zoetis Inc	0.209	United States
Vistra Corp	0.159	United States	Zscaler	0.057	United States
Vulcan Materials Co	0.030	United States			
Waste Mgmt Inc	0.275	United States			
Waters Corp	0.045	United States			
Weatherford Intl Plc	0.018	United States			

ESMA Compliance Quarterly Membership Weights

For more information about our indexes, please visit lseg.com/ftse-russell

© 2025 London Stock Exchange Group companies.

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

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

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

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

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

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

This document may contain forward-looking assessments. These are based upon a number of assumptions concerning future conditions that ultimately may prove to be inaccurate. Such forward-looking assessments are subject to risks and uncertainties and may be affected by various factors that may cause actual results to differ materially. No member of LSEG nor their licensors assume any duty to and do not undertake to update forward-looking assessments.

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

ESMA Compliance Quarterly Membership Weights

About FTSE Russell

FTSE Russell is a leading global provider of index and benchmark solutions, spanning diverse asset classes and investment objectives. As a trusted investment partner we help investors make better-informed investment decisions, manage risk, and seize opportunities.

Market participants look to us for our expertise in developing and managing global index solutions across asset classes. Asset owners, asset managers, ETF providers and investment banks choose FTSE Russell solutions to benchmark their investment performance and create investment funds, ETFs, structured products, and index-based derivatives. Our clients use our solutions for asset allocation, investment strategy analysis and risk management, and value us for our robust governance process and operational integrity.

For over 35 years we have been at the forefront of driving change for the investor, always innovating to shape the next generation of benchmarks and investment solutions that open up new opportunities for the global investment community.

To learn more, visit lseg.com/ftse-russell;
email info@ftserussell.com;
or call your regional Client Service Team Office:

EMEA +44 (0) 20 7866 1810

North America +1 877 503 6437

Asia-Pacific

Hong Kong +852 2164 3333

Tokyo +81 3 6441 1430

Sydney +61 (0)2 7228 5659