

# ESMA Compliance Quarterly Membership Weights

Russell 1000®	Weight(%)	Country	Russell 1000®	Weight(%)	Country	Russell 1000®	Weight(%)	Country
10x Genomics	0.003	United States	Agnc Investment	0.014	United States	Alphabet Inc Cl C	1.713	United States
3m Co	0.130	United States	Agree Realty Corp	0.014	United States	Altria Group Inc	0.164	United States
Aaon Inc	0.015	United States	Air Lease Corp	0.009	United States	Amazon Com Inc	3.818	United States
Abbott Laboratories	0.363	United States	Air Products & Chemicals	0.119	United States	Amcor	0.025	United States
Abbvie Inc	0.584	United States	Airbnb	0.106	United States	Amdocs Ltd	0.018	United States
Acadia Healthcare Co	0.007	United States	Akamai Technologies	0.026	United States	Amedisys Inc	0.005	United States
Accenture Plc Ireland	0.409	United States	Alaska Air Group Inc	0.015	United States	Amentum	0.005	United States
Acuity Brands Inc	0.017	United States	Albemarle Corp	0.019	United States	Amer Sports Inc	0.003	United States
Adobe Inc	0.366	United States	Albertsons Companies	0.015	United States	Ameren Corp	0.044	United States
Adt Inc	0.004	United States	Alcoa Corporation	0.017	United States	American Airlines Group	0.021	United States
Advance Auto Parts Inc	0.005	United States	Alexandria Real Estate	0.031	United States	American Electric Power	0.090	United States
Advanced Drainage System	0.015	United States	Align Technology Inc	0.029	United States	American Express Co	0.309	United States
Advanced Micro Devices	0.360	United States	Allegion Plc	0.021	United States	American Financial Group	0.018	United States
Aecom	0.026	United States	Allegro Microsystems	0.005	United States	American Homes 4 Rent	0.023	United States
Aes Corp	0.017	United States	Alliant Energy Corp	0.028	United States	American Intl Group	0.088	United States
Affiliated Managers Grp	0.010	United States	Allison Transmission	0.017	United States	American Tower Corp	0.159	United States
Affirm Holdings	0.029	United States	Allstate Corp	0.094	United States	American Wtr Wks Co Inc	0.045	United States
Aflac Inc	0.107	United States	Ally Finl Inc	0.018	United States	Americold Realty Trust	0.011	United States
Agco Corp	0.011	United States	Alnylam Pharmaceuticals	0.056	United States	Ameriprise Financial Inc	0.096	United States
Agilent Technologies Inc	0.071	United States	Alphabet Inc Cl A	2.063	United States	Ametek Inc	0.077	United States

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Amgen Inc	0.259	United States	Arch Cap Group Ltd	0.062	United States	Avantor Inc	0.026	United States
Amkor Technology Inc	0.005	United States	Archer Daniels Midland	0.045	United States	Avery Dennison Corp	0.028	United States
Amphenol Corp	0.152	United States	Ares Management Corp	0.061	United States	Avis Budget Group Inc	0.003	United States
Analog Devices Inc	0.195	United States	Arista Networks Inc	0.211	United States	Avnet Inc	0.008	United States
Annaly Capital Mgmt Inc	0.019	United States	Armstrong World Inds Inc	0.011	United States	Axalta Coating Systems	0.014	United States
Ansys Inc	0.055	United States	Arrow Electronics Inc	0.011	United States	Axis Capital Holdings	0.013	United States
Antero Midstream Corp	0.009	United States	Ashland Inc	0.006	United States	Axon Enterprise Inc	0.079	United States
Antero Resources Co	0.019	United States	Aspen Technology Inc	0.012	United States	Azenta Inc	0.004	United States
Aon Plc	0.131	United States	Assurant Inc	0.021	United States	Baker Hughes Company	0.076	United States
Apa Corporation	0.015	United States	Assured Guaranty Ltd	0.008	United States	Ball Corp	0.030	United States
Apellis Pharmaceuticals	0.006	United States	Astera Labs	0.027	United States	Bank Of America Corp	0.543	United States
Api Group	0.015	United States	At&t Inc	0.303	United States	Bank Of New York Mellon	0.105	United States
Apollo Global Management	0.160	United States	Ati Inc	0.013	United States	Bank Ozk	0.009	United States
Appfolio Inc	0.010	United States	Atlassian Corp Plc	0.072	United States	Bath & Body Works Inc	0.016	United States
Apple Inc	6.645	United States	Atmos Energy Corp	0.040	United States	Baxter International Inc	0.028	United States
Applied Matls Inc	0.251	United States	Autodesk Inc	0.118	United States	Becton Dickinson & Co	0.122	United States
Applovin	0.157	United States	Automatic Data Process	0.223	United States	Belling Brands	0.018	United States
Aptargroup Inc	0.019	United States	Autonation Inc	0.008	United States	Bentley Systems	0.012	United States
Aptiv Plc	0.026	United States	Autozone Inc	0.100	United States	Berkley W R Corp	0.032	United States
Aramark	0.018	United States	Avalonbay Cmnty Inc	0.058	United States	Berkshire Hathaway Inc	1.538	United States

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Berry Global Group	0.014	United States	Boston Scientific Co	0.243	United States	Caci International Inc	0.017	United States
Best Buy Inc	0.034	United States	Boyd Gaming Corp	0.009	United States	Cadence Design Systems	0.152	United States
Bill Holdings Inc	0.016	United States	Bright Horizon Family	0.012	United States	Caesars Entertainment In	0.013	United States
Bio-rad Laboratories Inc	0.011	United States	Brighthouse Financial	0.005	United States	Camden Property Trust	0.022	United States
Bio-techne Corp	0.021	United States	Bristol Myers Squibb	0.213	United States	Capital One Financial	0.125	United States
Biogen Inc	0.041	United States	Brixmor Property Group	0.015	United States	Capri Holdings Limited	0.004	United States
Biomarin Pharmaceutical	0.023	United States	Broadcom Inc	1.954	United States	Cardinal Health Inc	0.053	United States
Birkenstock Holding	0.004	United States	Broadridge Financial Inc	0.049	United States	Carlisle Cos Inc	0.031	United States
Bj's Wholesale Club Hdq	0.022	United States	Brookfield Renewable Cor	0.007	United States	Carlyle Group Inc	0.020	United States
Blackrock Inc	0.281	United States	Brown & Brown Inc	0.045	United States	Carmax Inc	0.023	United States
Blackstone Inc	0.231	United States	Brown Forman Corp CI A	0.003	United States	Carnival Corp	0.047	United States
Block H & R Inc	0.014	United States	Brown Forman Corp CI B	0.012	United States	Carrier Global	0.106	United States
Block Inc (a)	0.087	United States	Bruker Corp	0.012	United States	Carter Inc	0.004	United States
Blue Owl Capital	0.022	United States	Brunswick Corp	0.008	United States	Carvana Co	0.041	United States
Boeing Co	0.232	United States	Builders Firstsource Inc	0.030	United States	Caseys General Stores	0.027	United States
Bok Financial Corp	0.004	United States	Bunge Global Sa	0.020	United States	Caterpillar Inc	0.329	United States
Booking Holdings Inc	0.305	United States	Burlington Stores Inc	0.033	United States	Cava Group Inc	0.016	United States
Booz Allen Hamilton Hldg	0.030	United States	Bwx Technologies Inc	0.019	United States	Cboe Global Markets Inc	0.038	United States
Borg Warner Inc	0.013	United States	Bxp Inc	0.022	United States	Cbre Group Inc	0.074	United States
Boston Beer Inc	0.005	United States	C H Robinson Worldwide	0.022	United States	Ccc Intelligent Inc (a)	0.010	United States

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Cdw Corporation	0.043	United States	Cincinnati Financial	0.041	United States	Cognex Corp	0.011	United States
Celanese Corp	0.014	United States	Cintas Corp	0.117	United States	Cognizant Tech Solutions	0.071	United States
Celsius Holdings Inc	0.009	United States	Cirrus Logic Inc	0.010	United States	Coherent Corp	0.022	United States
Cencora Inc	0.069	United States	Cisco Systems Inc	0.438	United States	Coinbase Global	0.093	United States
Centene Corp	0.057	United States	Citigroup Inc	0.247	United States	Colgate Palmolive Co	0.137	United States
Centerpoint Energy Inc	0.038	United States	Citizens Financial Inc	0.036	United States	Columbia Banking System	0.010	United States
Certara	0.002	United States	Civitas Resources Inc	0.008	United States	Columbia Sportswear Co	0.005	United States
Cf Industries Holdings	0.027	United States	Clarivate Plc (a)	0.004	United States	Comcast Corp Cl A	0.264	United States
Charles River Labs Intl	0.017	United States	Clean Harbors Inc	0.022	United States	Comerica Inc	0.015	United States
Charter Comm Inc	0.060	United States	Clearway Energy	0.002	United States	Comfort Systems Usa Inc	0.028	United States
Chemed Corporation	0.015	United States	Clearway Energy (c)	0.004	United States	Commerce Bancshares Inc	0.014	United States
Cheniere Energy Inc	0.089	United States	Cleveland-cliffs Inc	0.008	United States	Conagra Brands Inc	0.025	United States
Chevron Corp	0.463	United States	Clorox Co	0.037	United States	Concentrix	0.004	United States
Chipotle Mexican Grill	0.153	United States	Cloudflare	0.060	United States	Confluent	0.013	United States
Choice Hotels Intl Inc	0.007	United States	Cme Group Inc	0.155	United States	Conocophillips	0.238	United States
Chord Energy Corp	0.013	United States	Cms Energy Corp	0.037	United States	Consolidated Edison Inc	0.057	United States
Chubb Limited	0.207	United States	Cna Financial Corp	0.002	United States	Constellation Brands	0.065	United States
Church & Dwight Inc	0.047	United States	Cnh Industrial N.v.	0.018	United States	Constellation Energy	0.131	United States
Churchill Downs Inc	0.017	United States	Coca Cola Co	0.448	United States	Cooper Companies Inc	0.033	United States
Ciena Corp	0.023	United States	Coca-cola Consolidated	0.014	United States	Copart Inc	0.093	United States

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Core & Main	0.018	United States	Cubesmart	0.018	United States	Dicks Sporting Goods Inc	0.024	United States
Corebridge Financial Inc	0.016	United States	Cullen Frost Bankers	0.015	United States	Digital Realty Trust Inc	0.109	United States
Corning Inc	0.067	United States	Cummins Inc	0.088	United States	Dillard's Inc	0.002	United States
Corpay Inc	0.042	United States	Curtiss Wright Corp	0.025	United States	Discover Financial Svc	0.080	United States
Corteva	0.074	United States	Cvs Health Corporation	0.105	United States	Disney Walt Co	0.375	United States
Costar Group Inc	0.054	United States	D R Horton Inc	0.076	United States	DocuSign	0.034	United States
Costco Wholesale Corp	0.753	United States	Danaher Corp	0.275	United States	Dolby Laboratories Inc	0.008	United States
Coterra Energy Inc	0.035	United States	Darden Restaurants Inc	0.041	United States	Dollar General Corp	0.031	United States
Coty Inc	0.005	United States	Darling Ingredients Inc	0.010	United States	Dollar Tree Inc	0.028	United States
Coupang	0.047	United States	Datadog	0.079	United States	Dominion Energy Inc	0.084	United States
Cousins Properties Inc	0.009	United States	Davita Inc	0.013	United States	Dominos Pizza Inc	0.027	United States
Crane Company	0.014	United States	Dayforce Inc	0.020	United States	Donaldson Inc	0.015	United States
Crane NXT Co	0.005	United States	Deckers Outdoor Corp	0.057	United States	DoorDash	0.110	United States
Credit Accep Corp Mich	0.005	United States	Deere & Co	0.198	United States	DoubleVerify Holdings	0.005	United States
Crh Plc	0.118	United States	Dell Technologies	0.058	United States	Dover Corp	0.048	United States
Crocs Inc	0.012	United States	Delta Air Lines Inc	0.072	United States	Dow Inc	0.052	United States
CrowdStrike Holdings	0.146	United States	Dentsply Sirona Inc	0.007	United States	Doximity	0.012	United States
Crown Castle Inc	0.073	United States	Devon Energy Corp	0.038	United States	DraftKings Inc (a)	0.031	United States
Crown Holdings Inc	0.018	United States	Dexcom Inc	0.056	United States	Dropbox	0.013	United States
Csx Corp	0.115	United States	Diamondback Energy Inc	0.057	United States	Dt Midstream	0.018	United States

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Dte Energy Co	0.046	United States	Element Solutions Inc.	0.011	United States	Esab Corporation	0.013	United States
Duke Energy Corp	0.154	United States	Elevance Health Inc	0.159	United States	Essential Utilities Inc	0.017	United States
Dun And Bradstreet Holdi	0.007	United States	Elf Beauty Inc	0.013	United States	Essex Property Trust Inc	0.034	United States
Duolingo	0.022	United States	Emcor Group Inc	0.038	United States	Estee Lauder Companies	0.032	United States
Dupont De Nemours Inc	0.059	United States	Emerson Electric Co	0.131	United States	Etsy Inc	0.011	United States
Dutch Bros	0.011	United States	Encompass Health Corp	0.017	United States	Euronet Worldwide Inc	0.008	United States
Dxc Technology Company	0.007	United States	Enovis Corporation	0.005	United States	Evercore Inc	0.018	United States
Dynatrace Inc	0.030	United States	Enphase Energy Inc	0.017	United States	Everest Group Ltd	0.029	United States
Eagle Materials Inc	0.015	United States	Entegris Inc	0.028	United States	Energy Inc	0.025	United States
East West Bancorp Inc	0.024	United States	Entergy Corp	0.060	United States	Eversource Energy	0.038	United States
Eastgroup Properties Inc	0.015	United States	Envista Holdings	0.006	United States	Everus Construction Grou	0.006	United States
Eastman Chemical Co	0.020	United States	Eog Resources Inc	0.129	United States	Exact Sciences Corp	0.019	United States
Eaton Corp Plc	0.243	United States	Epam Systems Inc	0.024	United States	Exelixis Inc	0.017	United States
Ebay Inc	0.055	United States	Epr Properties	0.006	United States	Exelon Corp	0.070	United States
Ecolab Inc	0.108	United States	Eqt Corporation	0.050	United States	Expand Energy Corp	0.043	United States
Edison International	0.056	United States	Equifax Inc	0.058	United States	Expedia Group Inc	0.043	United States
Edwards Lifesciences	0.082	United States	Equinix Inc	0.168	United States	Expeditors Intl Of Wash	0.029	United States
Elanco Animal Health	0.011	United States	Equitable Holdings Inc	0.028	United States	Extra Space Storage Inc	0.058	United States
Elastic N.v.	0.016	United States	Equity Lifestyle Prop	0.023	United States	Exxon Mobil Corp	0.895	United States
Electronic Arts Inc	0.072	United States	Equity Residential	0.050	United States	F5 Inc	0.027	United States

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Factset Research Systems	0.034	United States	Flowserve Corp	0.014	United States	Garmin Ltd	0.059	United States
Fair Isaac Corp	0.088	United States	Fmc Corp	0.011	United States	Gartner Inc	0.068	United States
Fastenal Co	0.076	United States	Fnb Corp	0.010	United States	Gates Industrial Corp	0.009	United States
Federal Realty Invnt	0.018	United States	Fnf Group	0.027	United States	Ge Aerospace	0.333	United States
Fedex Corp	0.118	United States	Ford Motor Co	0.072	United States	Ge Healthcare Technologi	0.066	United States
Ferguson Enterprises	0.065	United States	Fortinet Inc	0.111	United States	Ge Vernova	0.166	United States
Fidelity Natl Info Svcs	0.082	United States	Fortive Corporation	0.048	United States	Gen Digital Inc	0.028	United States
Fifth Third Bancorp	0.053	United States	Fortrea	0.003	United States	Generac Holdings Inc	0.017	United States
First American Finl Corp	0.012	United States	Fortune Brands Innovatio	0.016	United States	General Dynamics Corp	0.133	United States
First Citizens Bancshrs	0.047	United States	Fox Corporation Class A	0.020	United States	General Mills Inc	0.066	United States
First Hawaiian Inc	0.006	United States	Fox Corporation Class B	0.011	United States	General Mtrs Co	0.108	United States
First Horizon	0.020	United States	Franklin Resources Inc	0.011	United States	Genpact Ltd	0.014	United States
First Industrial Rlty Tr	0.012	United States	Freeport-mcmoran Inc	0.101	United States	Gentex Corp	0.012	United States
First Solar Inc	0.035	United States	Freshpet Inc	0.013	United States	Genuine Parts Co	0.030	United States
Firstenergy Corp	0.042	United States	Frontier Communications	0.016	United States	Gilead Sciences Inc	0.214	United States
Fiserv Inc	0.216	United States	Fti Consulting Inc	0.012	United States	Gitlab	0.013	United States
Five Below	0.011	United States	Gallagher Arthur J & Co	0.129	United States	Global Payments Inc	0.053	United States
Five9 Inc	0.006	United States	Gamestop Corp	0.023	United States	Globalfoundries	0.008	United States
Floor & Decor Holdings	0.019	United States	Gaming And Leisure Pptys	0.023	United States	Globant Sa	0.017	United States
Flowers Foods Inc	0.007	United States	Gap Inc	0.009	United States	Globe Life Inc	0.018	United States

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Globus Medical Inc	0.017	United States	Healthpeak Properties	0.026	United States	Hubspot Inc	0.063	United States
Godaddy Inc	0.051	United States	Heico Corp Cl A	0.028	United States	Humana Inc	0.057	United States
Goldman Sachs Group Inc	0.326	United States	Heico Corp Common	0.019	United States	Huntington Bancshares	0.044	United States
Graco Inc	0.026	United States	Henry Jack & Associates	0.024	United States	Huntington Ingalls Ind	0.014	United States
Grail Inc	0.001	United States	Hershey Company	0.046	United States	Huntsman Corp	0.005	United States
Grainger Ww Inc	0.085	United States	Hess Corp	0.069	United States	Hyatt Hotels Corp	0.012	United States
Grand Canyon Education	0.009	United States	Hewlett Packard Ent	0.051	United States	Iac Inc	0.006	United States
Graphic Packaging Hldg	0.015	United States	Hexcel Corp	0.009	United States	Idacorp Inc	0.011	United States
Grocery Outlet Holding	0.003	United States	Hf Sinclair Corporation	0.010	United States	Idex Corp	0.029	United States
Guidewire Software Inc	0.026	United States	Highwoods Properties Inc	0.006	United States	Idexx Labs Inc	0.062	United States
Gxo Logistics	0.009	United States	Hilton Worldwide Holding	0.110	United States	Illinois Tool Works Inc	0.138	United States
Halliburton Co	0.044	United States	Hologic Inc	0.031	United States	Illumina Inc	0.039	United States
Hanover Insurance Group	0.010	United States	Home Depot Inc	0.715	United States	Incyte Corp	0.020	United States
Harley Davidson Inc	0.007	United States	Honeywell International	0.273	United States	Informatica	0.004	United States
Hartford Finl Svcs Grp	0.059	United States	Hormel Foods Corp	0.017	United States	Ingersoll-rand Inc	0.068	United States
Hasbro Inc	0.014	United States	Host Hotels & Resorts	0.023	United States	Ingram Micro Holding Cor	0.001	United States
Hashicorp	0.009	United States	Houlihan Lokey Inc	0.017	United States	Ingredion Inc	0.017	United States
Hayward Holdings	0.004	United States	Howmet Aerospace Inc	0.082	United States	Inspire Medical Systems	0.010	United States
Hca Healthcare Inc	0.103	United States	Hp Inc	0.058	United States	Insulet Corp	0.034	United States
Healthcare Realty Trust	0.011	United States	Hubbell Inc	0.042	United States	Intel Corp	0.158	United States

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Interactive Brokers Grp	0.035	United States	Jazz Pharmaceuticals Plc	0.014	United States	Kirby Corp	0.011	United States
Intercontinental Exch	0.157	United States	Jb Hunt Trans Svcs Inc	0.026	United States	Kkr & Co Inc	0.185	United States
International Paper Co	0.035	United States	Jefferies Financial Grp	0.025	United States	Kla Corporation	0.157	United States
Interpublic Group Of Cos	0.019	United States	Johnson & Johnson	0.647	United States	Knight-swift Transport	0.015	United States
Intl Business Machines	0.374	United States	Johnson Controls Intl	0.098	United States	Kohls Corp	0.003	United States
Intl Flavors & Fragrance	0.040	United States	Jones Lang Lasalle Inc	0.022	United States	Kroger Co	0.075	United States
Intra Cellular Therapies	0.016	United States	Jpmorgan Chase & Co	1.249	United States	Kyndryl Holdings	0.015	United States
Intuit	0.318	United States	Juniper Networks Inc	0.023	United States	L3harris Technologies	0.074	United States
Intuitive Surgical Inc	0.342	United States	Kbr Inc	0.014	United States	Labcorp Holdings Inc	0.036	United States
Invesco Ltd	0.012	United States	Kellanova	0.039	United States	Lam Research Corp	0.172	United States
Invitation Homes Inc	0.036	United States	Kemper Corporation	0.007	United States	Lamar Advertising Co	0.020	United States
Ionis Pharmaceuticals	0.010	United States	Kenvue Inc	0.076	United States	Lamb Weston Holdings	0.018	United States
Ipg Photonics Corp	0.004	United States	Keurig Dr Pepper Inc	0.067	United States	Landstar Systems Inc	0.011	United States
Iqvia Holdings Inc	0.066	United States	Keycorp	0.029	United States	Las Vegas Sands Corp	0.033	United States
Iridium Communications	0.006	United States	Keysight Technologies	0.052	United States	Lattice Semiconductor	0.014	United States
Iron Mountain Inc	0.057	United States	Kilroy Realty Corp	0.009	United States	Lazard Inc	0.010	United States
Itt Inc	0.022	United States	Kimberly Clark Corp	0.082	United States	Lear Corp	0.009	United States
Jabil Inc	0.029	United States	Kimco Realty Corp	0.029	United States	Leggett & Platt Inc	0.002	United States
Jacobs Solutions Inc	0.031	United States	Kinder Morgan Inc	0.098	United States	Leidos Holdings Inc	0.036	United States
Janus Henderson Group	0.010	United States	Kinsale Capital Group	0.019	United States	Lennar Corp Cl A	0.059	United States

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Lennar Corp Cl B	0.003	United States	Loar Holdings	0.004	United States	Marketaxess Holdings Inc	0.015	United States
Lennox International Inc	0.036	United States	Lockheed Martin Corp	0.190	United States	Marriott Intl Inc	0.119	United States
Liberty Broadband Cl A	0.002	United States	Loews Corp	0.028	United States	Marriott Vac World Corp	0.006	United States
Liberty Broadband Cl C	0.015	United States	Louisiana Pacific Corp	0.012	United States	Marsh & McLennan Cos	0.194	United States
Liberty Formula 1 Ser A	0.004	United States	Lowes Cos Inc	0.262	United States	Martin Marietta Mtls	0.059	United States
Liberty Formula 1 Ser C	0.036	United States	Lpl Financial Holdings	0.045	United States	Marvell Technology Group	0.175	United States
Liberty Global Ltd	0.004	United States	Lucid Group Inc (a)	0.006	United States	Masco Corp	0.029	United States
Liberty Global Ltd	0.004	United States	Lululemon Athletica Inc	0.083	United States	Masimo Corporation	0.013	United States
Liberty Live Cl A	0.002	United States	Lumentum Holdings Inc	0.011	United States	Mastec Inc	0.016	United States
Liberty Live Cl C	0.006	United States	Lyft	0.009	United States	Mastercard Inc	0.796	United States
Light & Wonder Inc	0.014	United States	Lyondellbasell Inds	0.036	United States	Matador Res Co	0.012	United States
Lilly Eli & Co	1.146	United States	M & T Bank Corp	0.058	United States	Match Group Inc	0.016	United States
Lincoln Electric Hldgs	0.019	United States	Macom Tech Solutions	0.013	United States	Mattel Inc	0.011	United States
Lincoln National Corp	0.010	United States	Macys Inc	0.009	United States	Mccormick & Co Inc	0.036	United States
Linde Plc	0.373	United States	Madi Sq Gard Sports	0.008	United States	Mcdonalds Corp	0.387	United States
Lineage	0.007	United States	Manhattan Assocs Inc	0.031	United States	Mckesson Corp	0.137	United States
Lithia Motors Inc	0.017	United States	Manpowergroup	0.005	United States	Mdu Resources Group Inc	0.007	United States
Littelfuse Inc	0.011	United States	Maplebear Inc	0.013	United States	Medical Properties Trust	0.004	United States
Live Nation Ent Inc	0.038	United States	Marathon Petroleum Corp	0.087	United States	Medpace Holdings Inc	0.016	United States
Lkq Corp	0.018	United States	Markel Group Inc	0.041	United States	Medtronic Plc	0.190	United States

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Russell 1000®	Weight(%)	Country	Russell 1000®	Weight(%)	Country	Russell 1000®	Weight(%)	Country
Merck & Co Inc	0.468	United States	Monster Beverage Corp	0.070	United States	New York Times Co	0.016	United States
Meta Platforms Inc	2.378	United States	Moodys Corp	0.139	United States	Newell Brands Inc	0.008	United States
Metlife Inc	0.089	United States	Morgan Stanley	0.271	United States	Newmarket Corporation	0.007	United States
Mettler Toledo Intl Inc	0.048	United States	Morningstar Inc	0.017	United States	Newmont Corporation	0.079	United States
Mgic Investment Corp	0.011	United States	Mosaic Company	0.015	United States	News Corp Cl A	0.019	United States
Mgm Resorts Intl	0.015	United States	Motorola Solutions Inc	0.141	United States	News Corp Cl B	0.006	United States
Microchip Technology	0.056	United States	Mp Materials Corp (a)	0.004	United States	Nexstar Media Group Inc	0.009	United States
Micron Technology Inc	0.172	United States	Msa Safety Inc	0.011	United States	Nextera Energy Inc	0.273	United States
Microsoft Corp	5.811	United States	Msc Indl Direct Inc	0.006	United States	Nike Inc	0.166	United States
Microstrategy Inc	0.088	United States	Msci Inc	0.085	United States	Nisource Inc	0.032	United States
Mid-amer Apt Cmnty	0.033	United States	Murphy Usa Inc	0.017	United States	Nnn Reit Inc	0.014	United States
Middleby Corp	0.013	United States	Nasdaq Inc	0.059	United States	Nordson Corp	0.022	United States
Mks Instruments Inc	0.013	United States	Natera Inc	0.034	United States	Nordstrom Inc	0.004	United States
Moderna	0.025	United States	National Fuel Gas Co	0.010	United States	Norfolk Southern Corp	0.098	United States
Mohawk Industries Inc	0.012	United States	National Storage Affil	0.005	United States	Northern Trust Corp	0.037	United States
Molina Healthcare Inc	0.031	United States	Ncino	0.005	United States	Northrop Grumman Corp	0.120	United States
Moloson Coors Beverage	0.018	United States	Netapp Inc	0.044	United States	Norwegian Cruise Line	0.021	United States
Mondelez International	0.148	United States	Netflix Inc	0.707	United States	Nov Inc	0.010	United States
Mongodb	0.031	United States	Neurocrine Biosciences	0.025	United States	Nrg Energy Inc	0.034	United States
Monolithic Power Systems	0.051	United States	New Fortress Energy	0.002	United States	Nu Holdings	0.061	United States

# ESMA Compliance Quarterly Membership Weights

Russell 1000®	Weight(%)	Country	Russell 1000®	Weight(%)	Country	Russell 1000®	Weight(%)	Country
Nucor Corp	0.051	United States	Organon	0.007	United States	Penn Entertainment Inc	0.006	United States
Nutanix Inc	0.028	United States	Oshkosh Corp	0.011	United States	Penske Automotive Group	0.005	United States
Nvent Electric Plc	0.021	United States	Otis Worldwide	0.068	United States	Pentair Plc	0.031	United States
Nvidia Corp	5.826	United States	Ovintiv Inc	0.020	United States	Penumbra Inc	0.016	United States
Nvr Inc	0.044	United States	Owens Corning	0.027	United States	Pepsico Inc	0.388	United States
O Reilly Automotive Inc	0.127	United States	Paccar Inc	0.099	United States	Performance Food Group	0.024	United States
Occidental Pete Corp	0.062	United States	Packaging Corp Of Amer	0.037	United States	Permian Resources Corp	0.017	United States
Oge Energy Corp	0.015	United States	Palantir Technologies	0.282	United States	Perrigo Co Plc	0.006	United States
Okta Inc	0.024	United States	Palo Alto Networks Inc	0.218	United States	Pfizer Inc	0.279	United States
Old Dominion Freight	0.063	United States	Paramount Global (a)	0.000	United States	Pg&e Corp	0.080	United States
Old Republic Intl Corp	0.016	United States	Paramount Global (b)	0.011	United States	Philip Morris Intl	0.347	United States
Olin Corp	0.007	United States	Park Hotels & Resorts	0.005	United States	Phillips 66	0.087	United States
Ollies Bargain Outlet	0.012	United States	Parker Hannifin Corp	0.151	United States	Pilgrims Pride Corp	0.003	United States
Omega Healthcare Invs	0.019	United States	Parsons	0.008	United States	Pinnacle Financial	0.016	United States
Omnicom Group Inc	0.031	United States	Paychex Inc	0.084	United States	Pinnacle West Capital Co	0.018	United States
On Semiconductor Corp	0.050	United States	Paycom Software Inc	0.019	United States	Pinterest	0.032	United States
Onemain Holdings Inc	0.011	United States	Paycor Hcm	0.003	United States	Planet Fitness Inc	0.015	United States
Oneok Inc	0.109	United States	Paylocity Hldg Corp	0.016	United States	Playtika Holding	0.001	United States
Onto Innovation Inc	0.015	United States	Paypal Holdings Inc	0.159	United States	Pnc Financial Svcs Group	0.142	United States
Oracle Corp	0.485	United States	Pegasystems Inc	0.008	United States	Polaris Inc	0.005	United States

# ESMA Compliance Quarterly Membership Weights

Russell 1000®	Weight(%)	Country	Russell 1000®	Weight(%)	Country	Russell 1000®	Weight(%)	Country
Pool Corp	0.024	United States	Pvh Corp	0.011	United States	Reliance Inc	0.027	United States
Popular Inc	0.012	United States	Qiagen Nv	0.018	United States	Renaissancere Holdings	0.024	United States
Post Holdings Inc	0.010	United States	Qorvo Inc	0.012	United States	Repligen Corp	0.015	United States
Ppg Industries Inc	0.051	United States	Qualcomm Inc	0.318	United States	Republic Services Inc	0.077	United States
Ppl Corp	0.044	United States	Quanta Services Inc	0.085	United States	Resmed Inc	0.062	United States
Premier Inc	0.004	United States	Quantumscape	0.003	United States	Revvity Inc	0.025	United States
Price T Rowe Group Inc	0.046	United States	Quest Diagnostics Inc	0.031	United States	Rexford Industrial Rlty	0.016	United States
Primerica Inc	0.017	United States	Quidelortho Corporation	0.005	United States	Reynolds Consumer Produc	0.003	United States
Principal Financial Grp	0.033	United States	Ralph Lauren Corp	0.017	United States	Rh	0.011	United States
Procore Technologies	0.015	United States	Range Resources Corp	0.016	United States	Ringcentral Inc	0.005	United States
Procter & Gamble Co	0.733	United States	Raymond James Financial	0.053	United States	Rithm Capital Corp	0.010	United States
Progressive Corp	0.260	United States	Rayonier Inc	0.007	United States	Rivian Automotive	0.021	United States
Prologis Inc	0.181	United States	Rb Global Inc	0.031	United States	Rli Corp	0.013	United States
Prosperity Bancshares	0.013	United States	Rbc Bearings Inc	0.016	United States	Robert Half Inc	0.013	United States
Prudential Financial Inc	0.079	United States	Realty Income Corp	0.086	United States	Robinhood Markets	0.046	United States
Ptc Inc	0.040	United States	Regal Rexnord Corp	0.019	United States	Roblox	0.056	United States
Public Storage Inc	0.088	United States	Regency Centers Corp	0.025	United States	Rocket Companies	0.003	United States
Public Svc Enterprise	0.078	United States	Regeneron Pharmaceutical	0.138	United States	Rockwell Automation Inc	0.061	United States
Pultegroup Inc	0.041	United States	Regions Financial Corp	0.040	United States	Roivant Sciences Ltd (a)	0.009	United States
Pure Storage Inc	0.035	United States	Reinsurance Grp Of Amer	0.026	United States	Roku Inc	0.017	United States

# ESMA Compliance Quarterly Membership Weights

Russell 1000®	Weight(%)	Country	Russell 1000®	Weight(%)	Country	Russell 1000®	Weight(%)	Country
Rollins Inc	0.024	United States	Scotts Miracle-gro Co	0.005	United States	Slm Corp	0.011	United States
Roper Technologies Inc	0.103	United States	Seaboard Corp	0.001	United States	Smartsheet	0.014	United States
Ross Stores Inc	0.091	United States	Sealed Air Corp	0.009	United States	Smith A O Corp	0.015	United States
Royal Caribbean Group	0.101	United States	Seaport Entertainment Gr	0.000	United States	Smucker J M Co	0.021	United States
Royal Gold Inc	0.016	United States	Sei Investments Co	0.015	United States	Smurfit Westrock	0.052	United States
Royalty Pharma	0.018	United States	Sempra	0.103	United States	Snap On Inc	0.033	United States
Rpm International Inc	0.029	United States	Sensata Technologies	0.008	United States	Snowflake	0.090	United States
Rtx Corporation	0.285	United States	Sentinelone	0.011	United States	Sofi Technologies	0.030	United States
Ryan Specialty Hold (a)	0.012	United States	Service Corp Intl	0.021	United States	Solventum Corporation	0.017	United States
Ryder System Inc	0.012	United States	Servicenow Inc	0.404	United States	Sonoco Products Co	0.009	United States
S&p Global Inc	0.289	United States	Sharkninja	0.012	United States	Sotera Health	0.004	United States
Saia Inc	0.022	United States	Sherwin Williams Co	0.148	United States	Southern Co	0.167	United States
Salesforce Inc	0.573	United States	Shift4 Payments	0.012	United States	Southern Copper Corp	0.015	United States
Sarepta Therapeutics Inc	0.020	United States	Silgan Holdings Inc	0.008	United States	Southwest Airlines Co	0.037	United States
Sba Communications Corp	0.041	United States	Simon Property Group Inc	0.103	United States	Spectrum Brands Holdings	0.004	United States
Schein Henry Inc	0.016	United States	Simpson Manufacturing	0.013	United States	Spirit Aerosystems	0.007	United States
Schlumberger Ltd	0.100	United States	Siriusxm Holdings Inc	0.009	United States	Spotify Technology Sa	0.122	United States
Schneider National Inc	0.003	United States	Siteone Landscape Supply	0.011	United States	Ss&c Technologies Hldgs	0.030	United States
Schwab Charles Corp	0.205	United States	Skechers Usa Inc	0.016	United States	Stag Indl Inc	0.011	United States
Science Applications Int	0.010	United States	Skyworks Solutions Inc	0.026	United States	Standardaero	0.003	United States

# ESMA Compliance Quarterly Membership Weights

Russell 1000®	Weight(%)	Country	Russell 1000®	Weight(%)	Country	Russell 1000®	Weight(%)	Country
Stanley Black & Decker	0.023	United States	Technipfmc	0.023	United States	The Trade Desk Inc	0.097	United States
Starbucks Corp	0.192	United States	Teledyne Technologies	0.040	United States	The Wendy's Company	0.005	United States
Starwood Ppty Trust Inc	0.011	United States	Teleflex Inc	0.015	United States	Thermo Fisher Scientific	0.368	United States
State Street Corp	0.053	United States	Tempur Sealy Intl Inc	0.018	United States	Thor Industries Inc	0.009	United States
Steel Dynamics Inc	0.031	United States	Tenet Healthcare Corp	0.022	United States	Timken Co	0.009	United States
Steris Plc	0.038	United States	Teradata Corp	0.006	United States	Tjx Companies Inc	0.254	United States
Stifel Financial Corp	0.020	United States	Teradyne Inc	0.036	United States	Tko Group Holdings Inc	0.021	United States
Stryker Corp	0.242	United States	Tesla Inc	2.081	United States	Toast	0.031	United States
Sun Communities Inc	0.028	United States	Tetra Tech Inc	0.020	United States	Toll Brothers Inc	0.023	United States
Super Micro Computer Inc	0.028	United States	Texas Instruments Inc	0.316	United States	Topbuild Corp	0.017	United States
Synchrony Financial	0.047	United States	Texas Pacific Land Corp	0.038	United States	Toro Co	0.015	United States
Synopsys Inc	0.137	United States	Texas Roadhouse Inc	0.022	United States	Tpg Partners Llc	0.010	United States
Synovus Financial Corp	0.014	United States	Textron Inc	0.026	United States	Tractor Supply Co	0.053	United States
Sysco Corp	0.070	United States	Tfs Finl Corp	0.001	United States	Tradeweb Markets	0.028	United States
T-mobile Us Inc	0.196	United States	The Azek Company	0.013	United States	Trane Technologies Plc	0.155	United States
Take-two Interactive	0.059	United States	The Campbells Company	0.015	United States	Transdigm Group Inc	0.128	United States
Tapestry Inc	0.028	United States	The Chemours Company	0.005	United States	Transunion	0.033	United States
Targa Resources Inc	0.072	United States	The Cigna Group	0.140	United States	Travel Plus Leisure Co	0.006	United States
Target Corp	0.116	United States	The Howard Hughes Hldg	0.004	United States	Travelers Cos Inc	0.102	United States
Td Synnex Corp	0.016	United States	The Kraft Heinz Company	0.051	United States	Trex Inc	0.014	United States

# ESMA Compliance Quarterly Membership Weights

Russell 1000®	Weight(%)	Country	Russell 1000®	Weight(%)	Country	Russell 1000®	Weight(%)	Country
Trimble Inc	0.032	United States	United Parcel Service	0.170	United States	Verisign Inc	0.032	United States
Tripadvisor Inc	0.003	United States	United Rentals Inc	0.085	United States	Verisk Analytics Inc	0.072	United States
Truist Financial Corp	0.107	United States	United States Steel Corp	0.014	United States	Verizon Communications	0.312	United States
Trump Media & Techno	0.005	United States	United Therapeutics	0.029	United States	Vertex Pharmaceuticals	0.193	United States
Twilio Inc	0.031	United States	Unitedhealth Group Inc	0.862	United States	Vertiv Holdings Co (a)	0.075	United States
Tyler Technologies Inc	0.045	United States	Unity Software	0.013	United States	Vestis Corporation	0.004	United States
Tyson Foods Inc	0.030	United States	Universal Display Corp	0.013	United States	Viatis	0.027	United States
U Haul Holding Company	0.001	United States	Universal Health Svcs	0.019	United States	Vici Properties Inc	0.056	United States
U Haul Holding Company	0.012	United States	Unum Group	0.025	United States	Viking Therapeutics Inc	0.008	United States
Uber Technologies	0.227	United States	Us Bancorp	0.138	United States	Viper Energy	0.009	United States
Ubiquiti Inc	0.003	United States	Us Foods Holding Corp	0.029	United States	Virtu Finl Inc	0.005	United States
Udr Inc	0.026	United States	Uwm Holdings Corp (a)	0.001	United States	Visa Inc	0.923	United States
Ugi Corp	0.011	United States	V F Corp	0.014	United States	Vistra Corp	0.087	United States
Uipath	0.010	United States	Vail Resorts Inc	0.013	United States	Vontier	0.010	United States
Ulta Beauty Inc	0.038	United States	Valero Energy Corp	0.072	United States	Vornado Realty Trust	0.014	United States
Ultragenyx Pharma	0.007	United States	Valmont Industries Inc	0.011	United States	Voya Financial Inc	0.013	United States
Under Armour Class A	0.003	United States	Valvoline Inc	0.009	United States	Vulcan Materials Co	0.063	United States
Under Armour Class C	0.003	United States	Veeva Systems Inc	0.057	United States	W P Carey Inc	0.022	United States
Union Pacific Corp	0.258	United States	Ventas Inc	0.046	United States	Wabtec Corp	0.060	United States
United Airlines Holdings	0.059	United States	Veralto Corporation	0.047	United States	Walgreens Boots Alliance	0.012	United States

# ESMA Compliance Quarterly Membership Weights

Russell 1000®	Weight(%)	Country	Russell 1000®	Weight(%)	Country	Russell 1000®	Weight(%)	Country
Walmart Inc	0.727	United States	White Mtns Ins Group Ltd	0.009	United States	Zillow Group Inc Class C	0.021	United States
Warner Bros Dis	0.048	United States	Williams Companies Inc	0.122	United States	Zimmer Biomet Holdings	0.039	United States
Waste Mgmt Inc	0.150	United States	Williams Sonoma Inc	0.043	United States	Zion Bancorporation Na	0.015	United States
Waters Corp	0.041	United States	Willis Towers Watson Plc	0.058	United States	Zoetis Inc	0.138	United States
Watsco Inc	0.030	United States	Willscot Holdings Corp	0.011	United States	Zoom Communications Inc	0.040	United States
Wayfair Inc	0.008	United States	Wingstop Inc	0.015	United States	Zoominfo Technologies	0.006	United States
Weatherford Intl Plc	0.010	United States	Wintrust Financial Corp	0.015	United States	Zscaler	0.031	United States
Webster Financial Corp	0.017	United States	Wolfspeed Inc	0.002	United States			
Wec Energy Group Inc	0.055	United States	Woodward Inc	0.018	United States			
Wells Fargo & Co	0.434	United States	Workday Inc	0.101	United States			
Welltower Inc	0.144	United States	Wyndham Hotels & Resorts	0.014	United States			
Wesco International Inc	0.014	United States	Wynn Resorts Ltd	0.016	United States			
West Pharmaceutical Svcs	0.044	United States	Xcel Energy Inc	0.072	United States			
Western Alliance Bancorp	0.017	United States	Xp	0.009	United States			
Western Digital Corp	0.038	United States	Xpo Inc	0.028	United States			
Western Union Co	0.007	United States	Xylem Inc	0.052	United States			
Westlake Corporation	0.007	United States	Yeti Holdings	0.006	United States			
Wex Inc	0.013	United States	Yum! Brands Inc	0.070	United States			
Weyerhaeuser Co	0.038	United States	Zebra Technologies Corp	0.037	United States			
Whirlpool Corp	0.011	United States	Zillow Group Inc Class A	0.006	United States			

# ESMA Compliance Quarterly Membership Weights

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# ESMA Compliance Quarterly Membership Weights

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