

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
1-800 Flowers Com	0.011	United States	Academy Sports And Outdo	0.188	United States	Adicet Bio Inc	0.002	United States
1st Source Corp	0.036	United States	Acadia Pharmaceuticals	0.150	United States	Adient Plc	0.135	United States
23andme Holding Co	0.011	United States	Acadia Realty Trust	0.063	United States	Adma Biologics Inc	0.038	United States
2seventy Bio	0.008	United States	Accel Entertainment (a)	0.022	United States	Adtalem Global Education	0.092	United States
2u Inc	0.004	United States	Acco Brands Corp	0.022	United States	Adtran Holdings Inc	0.023	United States
374water Inc	0.003	United States	Accolade	0.032	United States	Adv Solutions Inc (a)	0.012	United States
3d Systems Corp	0.033	United States	Accuray Inc	0.011	United States	Advanced Energy Inds Inc	0.162	United States
4d Molecular Therapeutic	0.032	United States	Acelyrin Inc	0.010	United States	Advansix	0.031	United States
5e Advanced Materials In	0.002	United States	Aci Worldwide Inc	0.131	United States	Aehr Test Systems	0.029	United States
89bio	0.028	United States	Aclaris Therapeutics	0.003	United States	Aerovate Therapeutics	0.010	United States
8x8 Inc New	0.018	United States	Acm Research	0.037	United States	Aerovironment Inc	0.129	United States
908 Devices	0.010	United States	Acnb Corp	0.015	United States	Aersale Corporation	0.013	United States
A Mark Precious Metals	0.023	United States	Acrivon Therapeutics Inc	0.002	United States	Aesi Holdings Inc	0.012	United States
A10 Networks Inc	0.037	United States	Actinium Pharmaceuticals	0.005	United States	Aeva Technologies Inc	0.002	United States
Aadi Bioscience Inc	0.001	United States	Acushnet Holdings Corp	0.077	United States	Afc Gamma	0.008	United States
Aaon Inc	0.197	United States	Acv Auctions	0.076	United States	Agenus Inc	0.012	United States
Aar Corp	0.083	United States	Adapthealth	0.028	United States	Agiliti	0.009	United States
Abercrombie & Fitch	0.170	United States	Adaptive Biotechnologies	0.022	United States	Agilysys Inc	0.067	United States
Abm Industries Inc	0.117	United States	Addus Homecare Corp	0.057	United States	Agios Pharmaceuticals	0.049	United States
Acacia Research Corp	0.006	United States	Adeia Inc	0.052	United States	Air Transport Services	0.039	United States

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Airsculpt Technologies	0.004	United States	Allete Inc	0.139	United States	Ameresco Inc	0.040	United States
Akero Therapeutics Inc	0.047	United States	Allient Inc	0.015	United States	American Assets Trst Inc	0.043	United States
Akoustis Technologies	0.002	United States	Allogene Therapeutics	0.012	United States	American Axle & Mfg	0.040	United States
Akoya Biosciences	0.004	United States	Allovir	0.001	United States	American Coastal Corp	0.007	United States
Alamo Group Inc	0.084	United States	Alpha & Omega Semicon	0.024	United States	American Eagle Outfitter	0.153	United States
Alarm.com Holdings Inc	0.122	United States	Alpha Metallurgical Res	0.154	United States	American Equity Invst	0.173	United States
Albany International	0.121	United States	Alphatec Holdings	0.055	United States	American Natl Bankshares	0.020	United States
Aldeyra Therapeutics Inc	0.006	United States	Alpine Immune Sciences	0.024	United States	American Rlty Invs Inc	0.001	United States
Alector	0.020	United States	Alpine Income Property T	0.008	United States	American Software Inc	0.014	United States
Alerus Financial Corp	0.016	United States	Alta Equipment Group (a)	0.011	United States	American States Water Co	0.118	United States
Alexander & Baldwin Inc	0.054	United States	Altair Engineering Inc	0.180	United States	American Vanguard Corp	0.012	United States
Alexanders Inc	0.018	United States	Alti Global Inc	0.008	United States	American Well	0.015	United States
Alico Inc	0.008	United States	Altimune Inc	0.023	United States	American Woodmark Corp	0.060	United States
Alight Inc (a)	0.139	United States	Altus Power Inc (a)	0.017	United States	Americas Car-mart Inc	0.018	United States
Alignment Healthcare	0.029	United States	Alx Oncology Holdings	0.016	United States	Ameris Bancorp	0.139	United States
Alkami Technology	0.038	United States	Amalgamated Financial Co	0.019	United States	Amerisafe Inc	0.035	United States
Alkermes Plc	0.181	United States	Ambac Finl Group Inc	0.029	United States	Ames Natl Corp	0.007	United States
Allakos Inc	0.007	United States	Ambarella Inc	0.092	United States	Amicus Therapeutics Inc	0.159	United States
Allbirds	0.005	United States	Amc Networks Inc	0.023	United States	Amkor Technology Inc	0.148	United States
Allegiant Travel Co	0.052	United States	Amerant Bancorp Inc (a)	0.025	United States	Ammo Inc	0.007	United States

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Amn Healthcare Services	0.113	United States	Apogee Therapeutics Inc	0.023	United States	Ardmore Shipping Corp	0.023	United States
Amneal Pharmaceuticals	0.029	United States	Apollo Commercial Re	0.066	United States	Ares Coml Real Estate	0.021	United States
Amphastar Pharma Inc	0.094	United States	Apollo Medical Holdings	0.065	United States	Argan Inc	0.023	United States
Amplify Energy Corp	0.008	United States	Appfolio Inc	0.131	United States	Aris Water Solutions	0.010	United States
Amplitude Inc	0.034	United States	Appian	0.061	United States	Arko Corp (a)	0.026	United States
Amprus Technologies	0.001	United States	Apple Hospitality Reit	0.141	United States	Arlo Technologies Inc	0.034	United States
Amylyx Pharmaceuticals	0.029	United States	Applied Digital Corp	0.022	United States	Armada Hoffler Pptys Inc	0.033	United States
Anaptys Bio Inc	0.016	United States	Applied Industrial Tech	0.263	United States	Armour Residential Reit	0.037	United States
Anavex Life Sciences	0.027	United States	Arbor Realty Trust Inc	0.110	United States	Array Technologies	0.100	United States
Andersons Inc	0.073	United States	Arbutus Biopharma Corp	0.012	United States	Arrow Financial Corp	0.016	United States
Angel Oak Mortgage Reit	0.005	United States	Arcbest Corporation	0.113	United States	Arrowhead Pharmaceutical	0.122	United States
Angiodynamics Inc	0.012	United States	Arcellx Inc	0.084	United States	Ars Pharmaceuticals Inc	0.005	United States
Ani Pharmaceuticals Inc	0.032	United States	Arch Resources Inc	0.118	United States	Artesian Resources Corp	0.015	United States
Anika Therapeutics Inc	0.013	United States	Archer Aviation Inc (a)	0.037	United States	Artisan Partners Asset	0.107	United States
Annexon	0.008	United States	Archrock Inc	0.084	United States	Artivion Inc	0.028	United States
Anterix Inc	0.017	United States	Arcosa	0.158	United States	Arvinas Holding	0.080	United States
Anywhere Real Estate Inc	0.034	United States	Arcturus Therapeutics	0.029	United States	Asana	0.061	United States
Apartment Invt & Mgmt	0.045	United States	Arcus Biosciences	0.041	United States	Asbury Automotive Group	0.184	United States
Api Group	0.286	United States	Arcutis Biotherapeutics	0.010	United States	Asgn Incorporated	0.179	United States
Apogee Enterprises Inc	0.047	United States	Ardelyx Inc	0.056	United States	Aspen Aerogels Inc	0.032	United States

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Assertio Holdings Inc	0.004	United States	Attron Corp	0.021	United States	B & G Foods Inc	0.029	United States
Assetmark Financial Hldg	0.026	United States	Aura Biosciences	0.010	United States	B Riley Securit	0.017	United States
Associated Banc Corp	0.128	United States	Aurinia Pharmaceuticals	0.048	United States	Babcock & Wilcox Ent	0.003	United States
Ast Spacemobile Inc (a)	0.019	United States	Aurora Innovation (a)	0.058	United States	Badger Meter Inc	0.179	United States
Astec Industries Inc	0.033	United States	Avanos Medical Inc	0.041	United States	Bakkt Holdings Inc (a)	0.006	United States
Astria Therapeutics Inc	0.010	United States	Aveanna Healthcare Holdi	0.005	United States	Balchem Corp	0.188	United States
Astronics Corp	0.018	United States	Avepoint Inc (a)	0.048	United States	Ballys Corporation	0.016	United States
Asure Software Inc	0.009	United States	Aviat Networks Inc	0.015	United States	Banc Of California Inc	0.070	United States
Atara Biotherapeutics	0.002	United States	Avid Bioservices Inc	0.016	United States	Bancfirst Corp	0.085	United States
Atea Pharmaceuticals	0.009	United States	Avidity Biosciences	0.026	United States	Banco Latinoamericano	0.027	United States
Ati Inc	0.231	United States	Avidxchange Holdings	0.073	United States	Bancorp Inc	0.079	United States
Atkore Inc	0.239	United States	Avient Corp	0.148	United States	Bandwidth Class A	0.013	United States
Atlanta Braves Holdings	0.017	United States	Avista Corp	0.108	United States	Bank First Corporation	0.032	United States
Atlanta Braves Holdings	0.071	United States	Avita Medical Inc	0.014	United States	Bank Of Hawaii Corp	0.112	United States
Atlantic Union Bankshare	0.108	United States	Axcelis Technologies Inc	0.167	United States	Bank Of Marin Bancorp	0.014	United States
Atlanticus Holdings	0.007	United States	Axogen Inc	0.011	United States	Bank Of Nt Butterfield	0.061	United States
Atmus Filtration Technol	0.015	United States	Axonics Inc	0.122	United States	Bank7 Corp	0.004	United States
Atn International Inc	0.017	United States	Axos Financial Inc	0.120	United States	Bankunited Inc	0.095	United States
Atomera Limited	0.006	United States	Axsome Therapeutics Inc	0.112	United States	Bankwell Finl Group Inc	0.007	United States
Atricure Inc	0.066	United States	Azz Inc	0.057	United States	Banner Corp	0.072	United States

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Bar Hbr Bankshares	0.017	United States	Beyond Meat	0.021	United States	Blacksky Technology (a)	0.007	United States
Bark Inc (a)	0.004	United States	Bgc Group Inc	0.102	United States	Blackstone Mortgage Trst	0.145	United States
Barnes Group Inc	0.063	United States	Big 5 Sporting Goods	0.005	United States	Blade Air Mobility (a)	0.008	United States
Barrett Business Service	0.030	United States	Big Lots Inc	0.009	United States	Blink Charging Co	0.007	United States
Baycom Corporation	0.010	United States	Bigbear Ai Holdings Corp	0.002	United States	Bloom Energy	0.112	United States
Bcb Bancorp Inc	0.008	United States	Bigcommerce Holdings	0.026	United States	Bloomin' Brands Inc	0.097	United States
Beacon Roofing Supply	0.199	United States	Biglari Holdings B	0.005	United States	Blue Bird Corp	0.027	United States
Beam Therapeutics	0.078	United States	Bioatla	0.004	United States	Blue Foundry Bancorp	0.009	United States
Beauty Health Co	0.010	United States	Biocryst Pharmaceuticals	0.045	United States	Blue Ridge Bankshares	0.002	United States
Beazer Homes Usa Inc	0.039	United States	Biohaven Ltd	0.115	United States	Bluebird Bio Inc	0.006	United States
Bel Fuse Inc	0.028	United States	Bioline Solutions Inc	0.022	United States	Bluegreen Vacations (a)	0.032	United States
Belden Inc	0.130	United States	Biomea Fusion	0.011	United States	Bluelinx Holdings Inc	0.038	United States
Bellring Brands	0.289	United States	Biote Corp	0.003	United States	Blueprint Medicines Corp	0.221	United States
Benchmark Electronics	0.039	United States	Biovie	0.001	United States	Boise Cascade Company	0.203	United States
Benson Hill Inc	0.001	United States	Bioxcel Therapeutics	0.002	United States	Boot Barn Holdings	0.090	United States
Berke & Herbert Bank & T	0.016	United States	Bit Digital Inc	0.015	United States	Borr Drilling	0.064	United States
Berkshire Hills Bancorp	0.043	United States	Bjs Restaurants Inc	0.032	United States	Boston Omaha	0.015	United States
Berry Corporation	0.021	United States	Black Hills Corp	0.144	United States	Bowlero Corp (a)	0.009	United States
Beyond Air Inc	0.002	United States	Blackbaud Inc	0.149	United States	Bowman Consulting Group	0.015	United States
Beyond Inc	0.049	United States	Blackline Inc	0.140	United States	Box Inc	0.142	United States

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Braemar Hotels & Resorts	0.006	United States	Brp Group	0.057	United States	California Resources	0.150	United States
Brandywine Realty Trust	0.036	United States	Brt Apartments Corp	0.009	United States	California Wtr Svc Grp	0.118	United States
Braze	0.110	United States	Buckle Inc	0.057	United States	Calix Inc	0.102	United States
Brc Inc (a)	0.006	United States	Build A Bear Workshop	0.012	United States	Callon Petroleum Co	0.078	United States
Bread Financial Holding	0.065	United States	Bumble	0.059	United States	Cambium Networks Corp	0.003	United States
Bridgebio Pharma Inc	0.182	United States	Business First Bancshare	0.023	United States	Cambridge Bancorp	0.021	United States
Bridgewater Bancshares	0.011	United States	Butterfly Network In (a)	0.006	United States	Camden National Corp	0.021	United States
Bright Green	0.001	United States	Byline Bancorp	0.023	United States	Camping World Holdings	0.043	United States
Brightcove Inc	0.004	United States	C & F Financial Corp	0.009	United States	Cannae Holdings Inc	0.053	United States
Brightsphere Investment	0.025	United States	C3 Ai	0.092	United States	Cano Health Inc (a)	0.001	United States
Brightspire Capital (a)	0.038	United States	Cabaletta Bio	0.031	United States	Cantaloupe Inc	0.017	United States
Brightview Holdings Inc	0.014	United States	Cabot Corp	0.183	United States	Capital Bancorp Inc	0.009	United States
Brinker International	0.075	United States	Cactus Inc	0.116	United States	Capital City Bank Group	0.015	United States
Brinks Co	0.160	United States	Cadence Bank	0.213	United States	Capitol Federal Finl Inc	0.032	United States
Bristow Group Inc	0.026	United States	Cadiz Inc	0.004	United States	Capstar Financial Hldg	0.014	United States
Broadstone Net Lease	0.128	United States	Cadre Holdings	0.025	United States	Cara Therapeutics Inc	0.001	United States
Brookdale Senior Living	0.043	United States	Cal Maine Foods Inc	0.093	United States	Cardlytics Inc	0.013	United States
Brookfield Business Corp	0.024	United States	Calavo Growers Inc	0.020	United States	Caredx Inc	0.025	United States
Brookfield Infrastructur	0.167	United States	Caledonia Mining Corp	0.008	United States	Caremax Inc (a)	0.001	United States
Brookline Bancorp Inc	0.038	United States	Caleres Inc	0.041	United States	Caretrust Reit Inc	0.088	United States

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Cargurus Inc	0.093	United States	Cbiz Inc	0.118	United States	Charge Enterprises	0.001	United States
Caribou Biosciences	0.018	United States	Cbl & Associates Propert	0.026	United States	Chart Industries Inc	0.231	United States
Carisma Therapeutics Inc	0.003	United States	Ceco Environmental Corp	0.024	United States	Chatham Lodging Tr	0.020	United States
Carparts Com	0.007	United States	Celcuity	0.010	United States	Cheesecake Factory Inc	0.067	United States
Carpenter Technology	0.137	United States	Celldex Therapeutics Inc	0.073	United States	Chefs' Warehouse Inc	0.041	United States
Carriage Services Inc	0.013	United States	Centerspace	0.035	United States	Chegg Inc	0.051	United States
Carrols Restaurant Grp	0.011	United States	Central Garden & Pet Co	0.019	United States	Chemung Finl Corp	0.007	United States
Cars.com	0.050	United States	Central Garden & Pet Co	0.068	United States	Chesapeake Utilities	0.089	United States
Carter Bankshares Inc	0.013	United States	Central Pacific Finl	0.021	United States	Chicago Atlantic Real Es	0.010	United States
Cartesian Therapeutics	0.003	United States	Central Valley Cmnty	0.009	United States	Chicos Fas Inc	0.036	United States
Carvana Co	0.200	United States	Centrus Energy Corp	0.026	United States	Childrens Place Inc	0.011	United States
Casava Sciences Warrants	0.000	United States	Century Aluminum Co	0.025	United States	Chimera Investment Corp	0.045	United States
Casella Waste Systems	0.190	United States	Century Casinos Inc	0.005	United States	Choiceone Financial Serv	0.008	United States
Cass Information Systems	0.024	United States	Century Communities Inc	0.102	United States	Chord Energy Corp	0.275	United States
Cassava Sciences Inc	0.035	United States	Century Therapeutics	0.003	United States	Chuy's Holdings Inc	0.027	United States
Castle Biosciences Inc	0.021	United States	Cerence	0.031	United States	Cimpress Plc	0.057	United States
Catalyst Pharmaceuticals	0.067	United States	Cerevel Therapeutics (a)	0.117	United States	Cinemark Holdings Inc	0.061	United States
Cathay General Bancorp	0.122	United States	Cerus Corp	0.015	United States	Cipher Mining Inc	0.007	United States
Cato Corp	0.005	United States	Ceva Inc	0.021	United States	Citius Pharmaceuticals	0.004	United States
Cavco Industries Inc	0.120	United States	Championx Corporation	0.226	United States	Citizens & Northern Corp	0.013	United States

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Citizens Financial S	0.010	United States	Coca-cola Consolidated	0.175	United States	Community Trust Bancorp	0.027	United States
City Holding Co	0.065	United States	Codexis Inc	0.008	United States	Commvault Systems Inc	0.139	United States
City Office Reit Inc	0.009	United States	Codorus Vy Bancorp Inc	0.009	United States	Compass	0.042	United States
Civista Bancshares Inc	0.011	United States	Coeur Mining Inc	0.043	United States	Compass Diversified	0.056	United States
Civitas Resources Inc	0.218	United States	Cogent Biosciences Inc	0.019	United States	Compass Minerals Intl	0.034	United States
Claros Mortgage Trust	0.049	United States	Cogent Comm Holdings	0.131	United States	Compass Therapeutics	0.006	United States
Clarus Corporation	0.008	United States	Cohen & Steers Inc	0.078	United States	Composecure Inc (a)	0.004	United States
Clean Energy Fuels Corp	0.026	United States	Coherus Biosciences	0.013	United States	Computer Programs & Sys	0.006	United States
Cleantpark	0.065	United States	Cohu Inc	0.065	United States	Compz International Inc	0.002	United States
Clear Channel Outdoor	0.027	United States	Collegium Pharmaceutical	0.042	United States	Comstock Resources Inc	0.032	United States
Clear Secure Inc	0.067	United States	Colony Bankcorp Inc	0.009	United States	Comtech Telecomm	0.009	United States
Clearfield Inc	0.015	United States	Columbia Financial Inc	0.023	United States	Concrete Pumping	0.008	United States
Clearpoint Neuro Inc	0.006	United States	Columbus Mckinnon Corp	0.043	United States	Conduent Inc	0.025	United States
Clearwater Paper Corp	0.023	United States	Comfort Systems Usa Inc	0.287	United States	Conmed Corp	0.132	United States
Climb Global Solutions	0.009	United States	Commercial Metals Co	0.231	United States	Connectone Bancorp Inc	0.033	United States
Clipper Realty Inc	0.002	United States	Commercial Veh Group Inc	0.009	United States	Consensus Cloud Solution	0.020	United States
Cnb Finl Corp Pa	0.018	United States	Commscope Holding Co	0.023	United States	Consol Energy Inc	0.121	United States
Cno Financial Group	0.123	United States	Community Bank Systems	0.110	United States	Consolidated Comm	0.013	United States
Cnx Resources Corp	0.124	United States	Community Health Systems	0.016	United States	Consolidated Water Co	0.021	United States
Coastal Financial Corp	0.019	United States	Community Healthcare Tr	0.028	United States	Constellium Se	0.101	United States

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Construction Partners	0.069	United States	Cracker Barrel Store	0.067	United States	Cvb Financial Corp	0.106	United States
Consumer Portfolio Svcs	0.003	United States	Crawford & Co Cl A	0.008	United States	Cvr Energy Inc	0.035	United States
Contango Ore Inc	0.006	United States	Credo Technology Group H	0.088	United States	Cvrx	0.014	United States
Contextlogic Inc	0.005	United States	Crescent Energy Company	0.040	United States	Cxapp Inc	0.000	United States
Cooper Std Hldgs Inc	0.013	United States	Cricut	0.012	United States	Cymbay Therapeutics Inc	0.105	United States
Copt Defense Properties	0.114	United States	Crinetics Pharmaceutical	0.092	United States	Cytek Biosciences	0.044	United States
Corcept Therapeutics Inc	0.103	United States	Cross Country Healthcare	0.031	United States	Cytokinetics Inc	0.307	United States
Core Laboratories	0.033	United States	Crossfirst Bankshares	0.024	United States	Daily Journal Corp	0.018	United States
Core Molding Techn	0.005	United States	Cryoport Inc	0.026	United States	Dakota Gold Corp	0.006	United States
Corecard Corp	0.004	United States	Cs Disco	0.007	United States	Daktronics Inc	0.013	United States
Corecivic Inc	0.065	United States	Csg Systems Intl Inc	0.066	United States	Dana Incorporated	0.075	United States
Cormedix Inc	0.008	United States	Csw Industrials Inc	0.126	United States	Danimer Sci Inc (a)	0.004	United States
Corsair Gaming	0.021	United States	Cto Realty Growth Inc	0.015	United States	Daseke Inc	0.013	United States
Corvel Corp	0.085	United States	Cts Corp	0.053	United States	Dave & Busters Entmt Inc	0.077	United States
Costamare Inc	0.019	United States	Cue Biopharma Inc	0.004	United States	Day One Biopharmaceutica	0.036	United States
Couchbase	0.031	United States	Cullinan Oncology Inc	0.010	United States	Deciphera Pharmaceutical	0.034	United States
Coursera	0.099	United States	Cushman & Wakefield Plc	0.071	United States	Definitive Healthcare	0.018	United States
Covenant Logistics Group	0.015	United States	Custom Truck One Src (a)	0.014	United States	Delek Us Hldgs Inc	0.066	United States
Cpi Card Group Inc	0.003	United States	Customers Bancorp Inc	0.065	United States	Deluxe Corp	0.037	United States
Cra International Inc	0.027	United States	Cutera Inc	0.003	United States	Denali Therapeutics Inc	0.100	United States

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Dennys Corp	0.022	United States	Distribution Solutions	0.012	United States	Dxp Enterprises Inc	0.018	United States
Design Therapeutics	0.003	United States	Diversified Healthcare	0.035	United States	Dycom Industries Inc	0.130	United States
Designer Brands Inc	0.015	United States	Dmc Global Inc	0.014	United States	Dynavax Technologies	0.071	United States
Desktop Metal Inc (a)	0.008	United States	Docgo Inc	0.017	United States	Dyne Therapeutics	0.023	United States
Destination XI Grp Inc	0.010	United States	Dole Plc	0.035	United States	Dynex Capital Inc	0.028	United States
Dhi Group Inc	0.004	United States	Domo Inc	0.013	United States	Dzs Inc	0.002	United States
Dht Holdings Inc	0.053	United States	Donegal Group Inc	0.009	United States	E2open Parent Holdin (a)	0.029	United States
Diamond Hill Investment	0.018	United States	Donnelley Financial	0.061	United States	Eagle Bancorp Inc	0.035	United States
Diamond Offshore Drillin	0.052	United States	Dorian Lpg Ltd	0.060	United States	Eagle Bulk Shipping Inc	0.020	United States
Diamondrock Hospitality	0.078	United States	Dorman Products Inc	0.087	United States	Eagle Pharmaceuticals	0.002	United States
Digi Intl Inc	0.036	United States	Douglas Dynamics Inc	0.026	United States	Easterly Government Pty	0.051	United States
Digimarc Corporation	0.020	United States	Douglas Elliman Inc	0.009	United States	Eastern Bankshares	0.087	United States
Digital Turbine Inc	0.026	United States	Douglas Emmett Inc	0.092	United States	Eastman Kodak Co	0.009	United States
Digitalbridge Group Inc	0.112	United States	Dragonfly Energy (a)	0.001	United States	Echostar Corp	0.022	United States
Digitalocean Holdings	0.092	United States	Dream Finders Homes	0.034	United States	Ecovyst Inc	0.036	United States
Dillards Inc	0.055	United States	Dril-quip Inc	0.031	United States	Edgewell Personal Care	0.073	United States
Dime Community Bancshare	0.037	United States	Duckhorn Portfolio	0.017	United States	Edgewise Therapeutics	0.018	United States
Dine Brands Global Inc	0.030	United States	Ducommun Inc	0.028	United States	Editas Medicine Inc	0.033	United States
Diodes Inc	0.143	United States	Duluth Holdings Inc	0.003	United States	Egain Corporation	0.007	United States
Disc Medicine Inc	0.020	United States	Duolingo	0.262	United States	Ehealth Inc	0.010	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
El Pollo Loco Hldgs Inc	0.010	United States	Enersys Inc	0.164	United States	Eplus Inc	0.084	United States
Elf Beauty Inc	0.307	United States	Enfusion	0.014	United States	Equitrans Midstream Corp	0.175	United States
Ellington Financial	0.038	United States	Engagesmart	0.044	United States	Equity Bancshare Inc	0.020	United States
Elme Communities	0.051	United States	Enhabit Inc	0.021	United States	Equity Commonwealth	0.077	United States
Embecka	0.043	United States	Enliven Therapeutics Inc	0.013	United States	Erasca	0.007	United States
Emerald Holding Inc	0.004	United States	Ennis Inc	0.022	United States	Escalade Inc	0.008	United States
Emergent Biosolutions	0.005	United States	Enova International Inc	0.064	United States	Esco Technologies Inc	0.118	United States
Empire Petroleum Corp	0.006	United States	Enovix Corp	0.068	United States	Esquire Financial Hldgs	0.014	United States
Empire State Realty	0.051	United States	Enpro Inc	0.130	United States	Ess Tech Inc (a)	0.004	United States
Employers Holdings Inc	0.040	United States	Ensign Group Inc	0.241	United States	Essa Bancorp Inc	0.007	United States
Enact Holdings	0.034	United States	Enstar Group Limited	0.139	United States	Essent Group Ltd	0.218	United States
Enanta Pharmaceuticals	0.007	United States	Enterprise Bancorp Inc	0.012	United States	Essential Properties	0.157	United States
Encore Capital Group Inc	0.047	United States	Enterprise Finl Services	0.064	United States	Ethan Allen Interiors	0.029	United States
Encore Energy System	0.023	United States	Entrada Therapeutics	0.013	United States	European Wax Center	0.018	United States
Encore Wire Corp	0.127	United States	Entravision Comm	0.010	United States	Evans Bancorp Inc	0.007	United States
Energizer Holdings Inc	0.090	United States	Envela	0.001	United States	Eve Holding Inc (a)	0.005	United States
Energy Fuels Inc	0.045	United States	Envestnet Inc	0.098	United States	Eventbrite	0.026	United States
Energy Recovery Inc	0.041	United States	Enviri Corporation	0.028	United States	Everbridge Inc	0.039	United States
Energy Vault Hldgs (a)	0.009	United States	Enviva Inc	0.001	United States	Evercommerce	0.010	United States
Enerpac Tool Group Corp	0.067	United States	Eos Energy (a)	0.005	United States	Everi Holdings Inc	0.038	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
Everquote	0.010	United States	Farmers Natl Banc Corp	0.021	United States	First Bank Williamstown	0.012	United States
Evertec Inc	0.106	United States	Farmland Partners Inc	0.022	United States	First Busey Corp	0.051	United States
Evgo Inc (a)	0.015	United States	Faro Technologies Inc	0.017	United States	First Business Finl Svcs	0.012	United States
Evi Industries	0.004	United States	Fastly	0.085	United States	First Cmnty Bancshar	0.025	United States
Evolent Health Inc	0.143	United States	Fate Therapeutics Inc	0.012	United States	First Cmnty Corp Sc	0.006	United States
Evolus Inc	0.017	United States	Fb Financial Corp	0.056	United States	First Commonwealth Finl	0.062	United States
Evolution Petroleum Corp	0.007	United States	Federal Agric Mtg Co	0.069	United States	First Financial Bancorp	0.088	United States
Evolv Technologies (a)	0.021	United States	Federal Signal Corp	0.181	United States	First Financial Corp	0.019	United States
Excelerate Energy	0.011	United States	Fennec Pharmaceuticals	0.008	United States	First Finl Bankshares	0.156	United States
Exlservice Holdings Inc	0.197	United States	Fibrogen Inc	0.003	United States	First Fndtn Inc	0.020	United States
Exp World Holdings	0.044	United States	Fidelis Insurance Holdin	0.008	United States	First Intst Bancsystem	0.100	United States
Expensify	0.005	United States	Fidelity D&d Bancorp Inc	0.011	United States	First Long Island Corp	0.011	United States
Exponent Inc	0.176	United States	Figs Inc	0.035	United States	First Merchants Corp	0.087	United States
Expro Group Holdings Nv	0.056	United States	Finance Of Americas Comp	0.002	United States	First Mid Bancshares Inc	0.030	United States
Extreme Networks Inc	0.088	United States	Financial Instns Inc	0.013	United States	First Watch Restaurant G	0.018	United States
Eyenovia Inc	0.002	United States	First Advantage Corporat	0.035	United States	First Western Financial	0.006	United States
Eyepoint Pharmaceuticals	0.024	United States	First Bancorp Inc	0.011	United States	Firstcash Holdings Inc	0.161	United States
F&g Annuities & Life	0.034	United States	First Bancorp Nc	0.058	United States	Fiscal Note Holdings (a)	0.003	United States
Fabrinet	0.276	United States	First Bancorp Pr	0.112	United States	Fisker Inc (a)	0.014	United States
Farmers & Merchants Bncp	0.012	United States	First Bancshares Inc Ms	0.036	United States	Five Star Bancorp	0.013	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
Flex Lng Limited	0.034	United States	Fresh Del Monte Produce	0.035	United States	Gatx Corp	0.168	United States
Fluence Energy	0.055	United States	Freshworks	0.150	United States	Gcm Grosvenor Inc (a)	0.015	United States
Fluor Corp	0.220	United States	Frontdoor Inc	0.113	United States	Genco Shipping & Trading	0.028	United States
Flushing Financial Corp	0.018	United States	Frontier Group Holdings	0.008	United States	Gencor Industries Inc	0.007	United States
Flywire	0.097	United States	Frp Holdings Inc	0.016	United States	Genelux Corp	0.010	United States
Foghorn Therapeutics	0.005	United States	Fs Bancorp Inc	0.010	United States	Generation Bio	0.003	United States
Foot Locker Inc	0.101	United States	Ftai Aviation	0.182	United States	Genesco Inc	0.015	United States
Forafric Global Plc	0.002	United States	Ftai Infrastructure Inc	0.015	United States	Genie Energy Ltd	0.022	United States
Forestar Group Inc	0.024	United States	Ftc Solar	0.002	United States	Gentherm Inc	0.068	United States
Forge Global Holding (a)	0.015	United States	Fubotv	0.036	United States	Genworth Financial Inc	0.122	United States
Formfactor Inc	0.127	United States	Fuelcell Energy Inc	0.029	United States	Geo Group Inc	0.051	United States
Forrester Research Inc	0.012	United States	Fulgent Genetics Inc	0.023	United States	German American Bancorp	0.036	United States
Forum Energy Tech	0.008	United States	Full House Resorts Inc	0.007	United States	Geron Corp	0.043	United States
Forward Air Corp	0.064	United States	Fulton Financial Corp	0.104	United States	Getty Realty Corp	0.055	United States
Fossil Group Inc	0.003	United States	Funko Class A	0.011	United States	Gevo Inc	0.011	United States
Four Corners Ppty Trust	0.090	United States	Futurefuel Corporation	0.006	United States	Gibraltar Industries Inc	0.095	United States
Fox Factory Holding Corp	0.114	United States	Fvcbankcorp Inc	0.009	United States	Glacier Bancorp Inc	0.182	United States
Franklin Bsp Realty Trus	0.044	United States	G-iii Apparel Group Ltd	0.055	United States	Gladstone Commercial	0.021	United States
Franklin Covey Co	0.020	United States	Gambling.com Group	0.006	United States	Gladstone Land Inc	0.019	United States
Franklin Electric Co	0.176	United States	Gannet Co Inc	0.013	United States	Glatfelter Corporation	0.003	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
Glaucos Corporation	0.149	United States	Granite Point Mortgage	0.012	United States	Guaranty Bancshares Inc	0.011	United States
Global Business Travel	0.008	United States	Granite Ridge Resour (a)	0.008	United States	Guardant Health	0.120	United States
Global Industrial Comp	0.020	United States	Graphite Bio	0.003	United States	Guess Inc	0.026	United States
Global Medical Reit Inc	0.027	United States	Gray Television Inc	0.030	United States	Gulfport Energy Corp	0.059	United States
Global Net Lease Inc	0.076	United States	Great Lakes Dredge & Doc	0.020	United States	H&e Equipment Services	0.066	United States
Global Water Resources	0.006	United States	Great Southern Bancorp	0.021	United States	Hackett Group Inc	0.022	United States
Globalstar Inc	0.054	United States	Green Brick Partners Inc	0.053	United States	Haemonetics Corp	0.169	United States
Gms Inc	0.133	United States	Green Dot Corp	0.018	United States	Hain Celestial Group	0.039	United States
Gogo Inc	0.026	United States	Green Plains Inc	0.058	United States	Hallador Energy Co	0.008	United States
Gohealth	0.002	United States	Greenbrier Companies Inc	0.053	United States	Halozyme Therapeutics	0.189	United States
Golar Lng Ltd Bermuda	0.091	United States	Greene County Bancorp	0.008	United States	Hamilton Lane Inc	0.164	United States
Golden Entertainment Inc	0.032	United States	Greenlight Capital Re Lt	0.012	United States	Hancock Whitney Corp	0.166	United States
Golden Ocean Group Ltd	0.047	United States	Greif Inc	0.063	United States	Hanesbrand Inc	0.062	United States
Goodyear Tire & Rubber	0.159	United States	Greif Inc	0.013	United States	Hanmi Financial Corp	0.023	United States
Goosehead Insurance	0.064	United States	Grid Dyn Holdings (a)	0.030	United States	Hannon Armstrong Sustain	0.115	United States
Gopro Inc	0.017	United States	Griffon Corp	0.101	United States	Harborone Bancorp Inc	0.019	United States
Gorman Rupp Co	0.032	United States	Grindr Inc	0.014	United States	Harmonic Inc	0.057	United States
Graftech International	0.017	United States	Gritstone Bio Inc	0.007	United States	Harmony Biosciences Hold	0.041	United States
Graham Holdings Company	0.098	United States	Group 1 Automotive Inc	0.164	United States	Harrow Inc	0.013	United States
Granite Constr Inc	0.089	United States	Growgeneration	0.006	United States	Harvard Bioscience Inc	0.009	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
Haverty Furniture Inc	0.020	United States	Herc Holding Inc	0.166	United States	Home Bancorp Inc	0.012	United States
Hawaiian Holdings Inc	0.029	United States	Heritage Commerce Corp	0.023	United States	Home Bancshares Inc	0.191	United States
Hawkins Inc	0.054	United States	Heritage Financial Corp	0.029	United States	Homestreet Inc	0.007	United States
Haynes International Inc	0.028	United States	Heron Therapeutics Inc	0.007	United States	Hometrust Bancshares Inc	0.016	United States
Hb Fuller Company	0.174	United States	Hf Foods Group Inc	0.008	United States	Hooker Furnishings Corp	0.011	United States
Hbt Financial	0.011	United States	Hibbett Inc	0.035	United States	Hope Bancorp Inc	0.055	United States
Hci Group Inc	0.022	United States	Highpeak Energy Inc (a)	0.007	United States	Horace Mann Educators	0.053	United States
Health Catalyst Inc	0.021	United States	Hillenbrand Inc	0.132	United States	Horizon Bancorp Inc	0.024	United States
Healthcare Svcs Grp Inc	0.030	United States	Hillevax	0.017	United States	Hovnanian Enterprises	0.030	United States
Healthequity Inc	0.220	United States	Hillman Solutions Co (a)	0.071	United States	Hub Group Inc	0.114	United States
Healthstream Inc	0.026	United States	Hilltop Holdings Inc	0.065	United States	Hudson Pac Pptys Inc	0.051	United States
Heartland Express Inc	0.026	United States	Hilton Grand Vacations	0.127	United States	Hudson Technologies Inc	0.023	United States
Heartland Financial Usa	0.063	United States	Himalaya Shipping Ltd	0.008	United States	Humacyte Inc (a)	0.007	United States
Hecla Mining Co	0.116	United States	Hims And Hers Health (a)	0.043	United States	Huron Consulting Group	0.077	United States
Heidrick & Struggles	0.023	United States	Hingham Instn Svgs Mass	0.011	United States	Hyllion Holdings Cor (a)	0.005	United States
Helen Of Troy Ltd	0.113	United States	Hippo Holdings Inc (a)	0.004	United States	Hyster-yale Materials	0.027	United States
Helios Technologies Inc	0.059	United States	Hirequest Inc.	0.003	United States	I-80 Gold Corp (nyse Ame	0.013	United States
Helix Energy Solutions	0.058	United States	Hireright Holdings	0.007	United States	I3 Verticals Inc	0.019	United States
Helmerich & Payne Inc	0.139	United States	Hni Corporation	0.076	United States	Ibex	0.007	United States
Herbalife Ltd	0.060	United States	Holley Inc (a)	0.010	United States	Icf International Inc	0.099	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
Ichor Holdings Inc	0.038	United States	Indie Semiconductor (a)	0.048	United States	Installed Bldng Products	0.171	United States
Icosavax	0.017	United States	Infinera Corp	0.037	United States	Insteel Industries Inc	0.028	United States
Ideaya Biosciences Inc	0.084	United States	Information Services Grp	0.007	United States	Instructure Holdings	0.021	United States
Idt Corp	0.021	United States	Infusystem Hldgs Inc	0.008	United States	Intapp	0.042	United States
Ies Holdings Inc	0.026	United States	Ingevity Corporation	0.068	United States	Integer Holdings Corp	0.130	United States
Igm Biosciences	0.004	United States	Ingles Markets Inc	0.048	United States	Integral Ad Science Hold	0.028	United States
Iheartmedia	0.011	United States	Inhibrx	0.051	United States	Intella Therapeutics Inc	0.106	United States
Ikena Oncology	0.002	United States	Inmode	0.068	United States	Inter Parfums Inc	0.104	United States
Imax Corp	0.027	United States	Innodata Inc	0.008	United States	Interdigital Inc	0.113	United States
Immersion Corp	0.009	United States	Innospec Inc	0.121	United States	Interface Inc	0.029	United States
Immuneering	0.006	United States	Innovage Holding	0.004	United States	International Bancshares	0.115	United States
Immunitybio Inc	0.026	United States	Innovate Corp	0.003	United States	International Game Tech	0.117	United States
Immunogen Inc	0.280	United States	Innovative Industrial	0.111	United States	International Money Exp	0.028	United States
Immunovant Inc	0.090	United States	Innoviva Inc	0.038	United States	International Seaways	0.073	United States
Impinj Inc	0.083	United States	Inogen Inc	0.005	United States	Intest Corp	0.006	United States
Inari Medical	0.137	United States	Inozyme Pharma	0.008	United States	Intevac Inc	0.004	United States
Independence Rlty Trust	0.136	United States	Insight Enterprises Inc	0.201	United States	Intra Cellular Therapies	0.265	United States
Independent Bank Corp	0.020	United States	Insmed Inc	0.169	United States	Intrepid Potash Inc	0.010	United States
Independent Bank Ma	0.115	United States	Insperty Inc	0.164	United States	Inventrust Properties	0.068	United States
Independent Bk Group Inc	0.073	United States	Inspired Entertainment	0.008	United States	Invesco Mortgage Cap	0.016	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
Investors Title Co	0.008	United States	Janux Therapeutics Inc	0.007	United States	Kennedy-wilson Hldgs Inc	0.058	United States
Invitae Corporation	0.006	United States	Jbg Smith Properties	0.068	United States	Keros Therapeutics	0.035	United States
Ionq Inc (a)	0.079	United States	Jeld-wen Holding Inc	0.063	United States	Kezar Life Sciences	0.003	United States
Iovance Biotherapeutics	0.074	United States	Jetblue Airways Corp	0.074	United States	Kforce Inc	0.051	United States
Iradimed Corporation	0.014	United States	Jjill Inc	0.005	United States	Kimball Electronics Inc	0.025	United States
Irhythm Technologies Inc	0.130	United States	Joby Aviation Inc	0.073	United States	Kinetik Holdings Inc (a)	0.024	United States
Irobot Corp	0.042	United States	John Bean Tech Corp	0.125	United States	Kingsway Financial Serv	0.004	United States
Ironwood Pharmaceuticals	0.063	United States	John Marshall Bancorp In	0.011	United States	Kiniksa Pharmaceuticals	0.022	United States
Ispire Technology Inc	0.008	United States	Johnson Outdoors Inc	0.011	United States	Kite Realty Group Trust	0.196	United States
Iteos Therapeutics	0.011	United States	Kadant Inc	0.129	United States	Kkr Real Estate Finance	0.031	United States
Iteris Inc	0.009	United States	Kaiser Aluminum Corp	0.045	United States	Klx Energy Services	0.006	United States
Itron Inc	0.136	United States	Kaltura	0.006	United States	Knife River Corporation	0.148	United States
Ivanhoe Electric	0.025	United States	Kalvista Pharmaceuticals	0.015	United States	Knowles Corporation	0.064	United States
J & J Snack Foods Co	0.099	United States	Kaman Corp	0.027	United States	Kodiak Gas Services Inc	0.013	United States
Jack In The Box Inc	0.065	United States	Karat Packaging	0.007	United States	Kodiak Sciences	0.004	United States
Jackson Financial	0.167	United States	Karyopharm Therapeutics	0.004	United States	Kontoor Brands	0.138	United States
Jakks Pacific Inc	0.010	United States	Kb Home	0.176	United States	Koppers Holdings Inc	0.041	United States
James River Group Hldg	0.013	United States	Kearny Financial Corp	0.020	United States	Korn Ferry	0.122	United States
Jamf Holding	0.050	United States	Kelly Services Inc	0.027	United States	Koru Medical Systems Inc	0.003	United States
Janus International (a)	0.044	United States	Kennametal Inc	0.082	United States	Kosmos Energy Ltd	0.121	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
Kratos Defense & Sec Sol	0.102	United States	Laureate Education Inc	0.071	United States	Ligand Pharmaceuticals	0.047	United States
Krispy Kreme	0.052	United States	Lazydays Holdings Inc	0.002	United States	Light & Wonder Inc	0.296	United States
Kronos Worldwide Inc	0.009	United States	Lci Industries	0.123	United States	Lightwave Logic Inc	0.023	United States
Krystal Biotech	0.106	United States	Lcnb Corp	0.007	United States	Limbach Holdings Inc	0.017	United States
Kulicke Soffa	0.120	United States	Legacy Housing Corp	0.010	United States	Limoneira Co	0.014	United States
Kura Oncology Inc	0.040	United States	Legalzoom Inc	0.053	United States	Lincoln Educational Svs	0.009	United States
Kura Sushi Usa Inc	0.017	United States	Lemaitre Vascular Inc	0.044	United States	Lindblad Expeditions Inc	0.016	United States
Kvh Industries Inc	0.004	United States	Lemonade	0.032	United States	Lindsay Corp	0.056	United States
Kymera Therapeutics	0.038	United States	Lendingclub Corporation	0.037	United States	Lineage Cell Therapeutic	0.006	United States
La Z Boy Inc	0.063	United States	Lendingtree Inc	0.013	United States	Lions Gate Ent Class A	0.025	United States
Ladder Capital Corp	0.051	United States	Leonardo Drs Inc	0.054	United States	Lions Gate Ent Class B	0.048	United States
Lakeland Bancorp Inc	0.036	United States	Leslies	0.048	United States	Liquidia Corporation	0.023	United States
Lakeland Financial Corp	0.064	United States	Lexicon Pharmaceuticals	0.006	United States	Liquidity Services Inc	0.016	United States
Lancaster Colony Corp	0.128	United States	Lgi Homes Inc	0.109	United States	Livanova Plc	0.111	United States
Lands End Inc	0.006	United States	Li Cycle Holdings (a)	0.003	United States	Live Oak Bancshares Inc	0.060	United States
Landsea Homes Corp (a)	0.010	United States	Liberty Energy Inc (a)	0.118	United States	Livent	0.128	United States
Lantheus Holdings Inc	0.166	United States	Liberty Latin America A	0.010	United States	Liveperson Inc	0.012	United States
Lanzatech Global	0.004	United States	Liberty Latin America C	0.040	United States	Liveramp Holdings Inc	0.098	United States
Larimar Therapeutics Inc	0.005	United States	Life Time Group Holdings	0.027	United States	Livewire Group Inc	0.009	United States
Latham Group	0.004	United States	Lifescience Health Group	0.033	United States	Longboard Pharmaceutical	0.004	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
Loop Media Inc	0.002	United States	Magnite Inc	0.050	United States	Matador Res Co	0.254	United States
Lovesac Co	0.014	United States	Magnolia Oil & Gas (a)	0.151	United States	Materion Corporation	0.105	United States
Lsb Industries Inc	0.020	United States	Maiden Holdings Ltd	0.008	United States	Mativ Holdings Inc	0.033	United States
Lsi Industries Inc	0.016	United States	Mainstreet Bancshares	0.007	United States	Matson Inc	0.149	United States
Ltc Properties Inc	0.052	United States	Malibu Boats Inc	0.044	United States	Matterport Inc (a)	0.027	United States
Lumen Technologies Inc	0.073	United States	Mammoth Energy Services	0.004	United States	Matthews International	0.043	United States
Luminar Technologies (a)	0.036	United States	Manitowoc Co Inc	0.023	United States	Maui Land & Pineapple Co	0.005	United States
Luna Innovations Inc	0.009	United States	Mannkind Corp	0.037	United States	Maxcyte	0.016	United States
Luther Burbank Corp	0.004	United States	Marathon Digital Holding	0.197	United States	Maxon Solar Technologie	0.008	United States
Luxfer Holdings	0.009	United States	Marcus & Millichap	0.041	United States	Maximus Inc	0.201	United States
Lxp Industrial Trust	0.113	United States	Marcus Corp	0.014	United States	Maxlinear Inc	0.071	United States
Lyell Immunopharma	0.013	United States	Marine Products Corp	0.004	United States	Mayville Engineering	0.006	United States
M/i Homes Inc	0.146	United States	Marinemax Inc	0.033	United States	Mbia Inc	0.011	United States
Macatawa Bank Corp	0.012	United States	Marinus Pharmaceuticals	0.022	United States	Mcgrath Rentcorp	0.117	United States
Macerich Co	0.132	United States	Marketwise Inc (a)	0.003	United States	Mdc Holdings Inc	0.131	United States
Macom Tech Solutions	0.199	United States	Marqeta	0.132	United States	Mediaalpha	0.010	United States
Macrogenics Inc	0.023	United States	Marten Trans Ltd	0.048	United States	Medifast Inc	0.028	United States
Madden Steven Ltd	0.125	United States	Masonite Intl Corp	0.074	United States	Meiragtx Holdings Plc	0.009	United States
Madison Square Garden En	0.050	United States	Masterbrand Inc	0.076	United States	Mercantile Bank Corp	0.025	United States
Madrigal Pharmaceuticals	0.135	United States	Mastercraft Boat Holding	0.015	United States	Merchants Bancorp	0.027	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
Mercury General Corp	0.039	United States	Midwestone Finl Group	0.015	United States	Montrose Environmental G	0.035	United States
Meridianlink	0.026	United States	Miller Industries Inc	0.019	United States	Moog Inc	0.162	United States
Merit Med Systems Inc	0.170	United States	Millerknoll Inc	0.078	United States	Morphic Holding Inc	0.042	United States
Meritage Homes Corp	0.250	United States	Mimedx Group	0.040	United States	Movado Group Inc	0.018	United States
Merrimack Pharmaceutical	0.006	United States	Minerals Technologies	0.092	United States	Mr. Cooper Group Inc	0.166	United States
Mersana Therapeutics	0.010	United States	Mineralys Therapeutics I	0.007	United States	Mrc Global Inc	0.036	United States
Mesa Labs Inc	0.021	United States	Mirion Technologies Inc	0.081	United States	Mueller Industries Inc	0.209	United States
Methode Electrs Inc	0.031	United States	Mirum Pharmaceuticals	0.029	United States	Mueller Wtr Prods Inc	0.088	United States
Metrocity Bankshares	0.017	United States	Mission Produce	0.019	United States	Multiplan Corp (a)	0.022	United States
Metropolitan Bank Holdin	0.023	United States	Mistras Group Inc	0.006	United States	Mural Oncology	0.004	United States
Mfa Financial Inc	0.045	United States	Mitek Sys Inc	0.022	United States	Murphy Oil Corp	0.250	United States
Mge Energy Inc	0.104	United States	Model N Inc	0.040	United States	Mvb Financial Corp	0.010	United States
Mgp Ingredients Inc	0.062	United States	Modine Manufacturing Co	0.121	United States	Myers Industries Inc	0.028	United States
Microstrategy Inc	0.304	United States	Modivcare Inc	0.022	United States	Myr Group Inc	0.094	United States
Microvast Holdings Inc	0.012	United States	Moelis & Co	0.148	United States	Myriad Genetics Inc	0.061	United States
Microvision Inc	0.020	United States	Monarch Casino & Resort	0.037	United States	N-able	0.037	United States
Mid Penn Bancorp Inc	0.014	United States	Mondee Holdings Inc (a)	0.005	United States	Nabors Industries Ltd	0.030	United States
Middlefield Banc Corp	0.010	United States	Monro Inc	0.036	United States	Nacco Industries Inc	0.006	United States
Middlesex Water Co	0.045	United States	Montauk Renewables	0.023	United States	Nano X Imaging	0.012	United States
Midland States Bancorp	0.023	United States	Monte Rosa Therapeutics	0.007	United States	Nanostring Tech Inc	0.001	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
Napco Sec Technologies	0.045	United States	Nerdwallet	0.020	United States	Ni Holdings Inc	0.004	United States
Nathans Famous Inc	0.009	United States	Nerdy Inc (a)	0.008	United States	Nicolet Bankshares Inc	0.041	United States
National Bank Holdings	0.054	United States	Netgear Inc	0.017	United States	Nikola Corporation	0.021	United States
National Bankshares Inc	0.007	United States	Netscout Systems Inc	0.060	United States	NiCorp Developments Ltd	0.000	United States
National Beverage Corp	0.047	United States	Netstreet	0.049	United States	Nkarta	0.008	United States
National Health Invs Inc	0.092	United States	Neumora Therapeutics Inc	0.010	United States	NI Industries Inc	0.002	United States
National Healthcare Corp	0.046	United States	Nevro Corp	0.030	United States	Nlight	0.024	United States
National Presto Inds Inc	0.016	United States	New Jersey Resources	0.171	United States	Nmi Hldgs Inc	0.095	United States
National Research Corp	0.022	United States	New York Mtg Tr Inc	0.031	United States	Noble	0.214	United States
National Vision Holdings	0.064	United States	Newmark Group Inc	0.059	United States	Noodles & Company	0.005	United States
National Western Life	0.043	United States	Newpark Resources Inc	0.020	United States	Nordic American Tanker	0.034	United States
Natural Grocers Vita Ctg	0.006	United States	Newtekone Inc	0.013	United States	Northeast Bank	0.015	United States
Natures Sunshine Prods	0.009	United States	Nexpoint Diversified Rea	0.010	United States	Northeast Community Banc	0.009	United States
Nautilus Biotech Inc	0.006	United States	Nexpoint Real Estate Fin	0.005	United States	Northern Oil & Gas Inc	0.129	United States
Navient Corporation	0.063	United States	Nexpoint Residential Tr	0.031	United States	Northfield Bancorp Inc	0.020	United States
Navitas Semi Corp (a)	0.035	United States	Nextdecade	0.015	United States	Northrim Bancorp Inc	0.012	United States
Nbt Bancorp Inc	0.076	United States	Nextdoor Holdings Inc	0.011	United States	Northwest Bancshares Inc	0.063	United States
Nelnet Inc	0.045	United States	Nextnav Inc (a)	0.010	United States	Northwest Natural Hldg	0.055	United States
Neogen Corp	0.173	United States	Nextracker	0.092	United States	Northwest Pipe Co	0.012	United States
Neogenomics Inc	0.081	United States	Ngm Biopharmaceuticals	0.001	United States	Northwestern Energy Grou	0.124	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
Norwood Financial Corp	0.009	United States	Office Ppty Income Trust	0.014	United States	Onewater Marine	0.015	United States
Novagold Resources Inc	0.036	United States	Ofg Bancorp	0.068	United States	Onto Innovation Inc	0.295	United States
Novanta Inc	0.238	United States	Oil Dri Corp Of America	0.013	United States	Ooma Inc	0.010	United States
Novavax Inc	0.018	United States	Oil States International	0.017	United States	Open Lending Corp (a)	0.033	United States
Now Inc	0.048	United States	Old National Bancorp	0.195	United States	Opendoor Technologie (a)	0.098	United States
Nu Skin Enterprises	0.038	United States	Old Second Bancorp Inc	0.026	United States	Openlane Inc	0.063	United States
Nurix Therapeutics	0.019	United States	Olema Pharmaceuticals	0.015	United States	Opko Health Inc	0.024	United States
Nuscale Power Corp (a)	0.007	United States	Olo	0.023	United States	Oppfi Inc	0.002	United States
Nuvalent	0.077	United States	Olympic Steel Inc	0.026	United States	Optimizerx Corp	0.009	United States
Nuvation Bio Inc (a)	0.009	United States	Omega Flex Inc	0.009	United States	Optinose Inc	0.004	United States
Nuvectis Pharma	0.002	United States	Omega Therapeutics	0.003	United States	Option Care Health Inc	0.223	United States
Nv5 Global Inc	0.061	United States	Omeros Corp	0.008	United States	Orange County Bancorp	0.012	United States
Nve Corp	0.015	United States	Omniab Inc	0.023	United States	Orasure Technologies Inc	0.023	United States
O-i Glass	0.100	United States	Omniceil Inc	0.067	United States	Orchestra Biomed Holding	0.005	United States
Oak Valley Bancorp	0.008	United States	On24	0.010	United States	Orchid Island Capital	0.018	United States
Ocean Biomedical Inc	0.000	United States	One Gas Inc	0.139	United States	Organogenesis	0.011	United States
Oceaneering Intl Inc	0.084	United States	One Group Hospitality	0.005	United States	Oric Pharmaceuticals	0.014	United States
Oceanfirst Financial	0.040	United States	One Liberty Properties	0.014	United States	Origin Bancorp	0.041	United States
Ocular Therapeutix Inc	0.014	United States	Onespan Inc	0.017	United States	Origin Materials Inc (a)	0.004	United States
Ocwen Financial Corp	0.008	United States	Onespaworld Holdings	0.046	United States	Orion Office Reit	0.013	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
Orion Sa	0.061	United States	Pacific Biosciences Ca	0.098	United States	Patrick Inds Inc	0.085	United States
Ormat Technologies Inc	0.160	United States	Pacific Premier Bancorp	0.109	United States	Patterson Cos Inc	0.096	United States
Orrstown Finl Svcs Inc	0.012	United States	Pacira Biosciences	0.061	United States	Patterson Uti Energy	0.151	United States
Orthofix Medical Inc	0.019	United States	Pactiv Evergreen	0.022	United States	Payoneer Global Inc (a)	0.054	United States
Orthopediatrics Corp	0.020	United States	Pagerduty	0.083	United States	Paysafe Limited (a)	0.016	United States
Oscar Health	0.057	United States	Pagseguro Digital Ltd	0.098	United States	Paysign Inc	0.004	United States
Osi Systems Inc	0.082	United States	Palomar Holdings	0.053	United States	Pbf Energy Inc	0.194	United States
Otter Tail Corp	0.138	United States	Pangaea Logs Solutions	0.012	United States	Pcb Bancorp	0.008	United States
Outbrain	0.007	United States	Papa Johns International	0.099	United States	Pdf Solutions Inc	0.039	United States
Outfront Media Inc	0.081	United States	Par Pacific Holdings Inc	0.079	United States	Pds Biotechnology Corp	0.005	United States
Outlook Therapeutics Inc	0.002	United States	Par Technology Corp	0.046	United States	Peabody Energy Corp	0.110	United States
Outset Medical	0.011	United States	Paragon 28	0.022	United States	Peakstone Realty Trust	0.028	United States
Overseas Shipholding Inc	0.013	United States	Paramount Group Inc	0.038	United States	Peapack-gladstone Finl	0.020	United States
Ovid Therapeutics Inc	0.008	United States	Park Aerospace Corp	0.011	United States	Pebblebrook Hotel Trust	0.075	United States
Owens & Minor Inc	0.056	United States	Park National Corp	0.075	United States	Pediatrix Medical Group	0.031	United States
Oxford Industries Inc	0.059	United States	Park Ohio Holdings Corp	0.009	United States	Pennant Group	0.016	United States
P A M Transn Svcs Inc	0.005	United States	Parke Bancorp Inc	0.008	United States	Penns Woods Bancorp Inc	0.006	United States
P C Connection	0.030	United States	Parsons	0.102	United States	Pennymac Finl Svcs Inc	0.089	United States
P10	0.018	United States	Pathward Financial Inc	0.054	United States	Pennymac Mortgage Inv	0.051	United States
P3 Health Partners (a)	0.002	United States	Patria Investments	0.033	United States	Peoples Bancorp Inc	0.046	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
Peoples Finl Svcs Corp	0.013	United States	Pioneer Bancorp Inc	0.005	United States	Powell Industries Inc	0.032	United States
Pepgen Inc	0.003	United States	Piper Sandler Companies	0.120	United States	Power Integrations Inc	0.184	United States
Perdoceo Education Corp	0.045	United States	Pitney Bowes Inc	0.030	United States	Powerschool Holdings	0.052	United States
Perella Weinberg Partner	0.020	United States	Pjt Partners Inc	0.095	United States	Pra Group Inc	0.040	United States
Perficient Inc	0.089	United States	Planet Labs Pbc (a)	0.017	United States	Precigen Inc	0.007	United States
Performant Financial Cor	0.008	United States	Playags Inc	0.012	United States	Preferred Bank	0.037	United States
Perimeter Solutions Sa	0.028	United States	Playstudios Inc (a)	0.009	United States	Preformed Line Products	0.013	United States
Permian Resources Corp	0.210	United States	Plexus Corp	0.117	United States	Prelude Therapeutics	0.003	United States
Perpetua Resources	0.005	United States	Pliant Therapeutics	0.041	United States	Premier Financial Corp	0.034	United States
PetiQ	0.021	United States	Plumas Bancorp	0.009	United States	Prestige Consumer Health	0.120	United States
Petmed Express Inc	0.006	United States	Plymouth Industrial Reit	0.042	United States	Presto Automations Inc	0.000	United States
Pgt Innovations Inc	0.091	United States	Pmv Pharmaceuticals	0.005	United States	Pricesmart Inc	0.075	United States
Phathom Pharmaceuticals	0.012	United States	Pnm Resources Inc	0.141	United States	Prime Medicine Inc	0.014	United States
Phibro Animal Health	0.009	United States	Ponce Financial Group	0.007	United States	Primeenergy Resources	0.003	United States
Phillips Edison & Compan	0.170	United States	Portillos	0.028	United States	Primis Financial Corp	0.010	United States
Photronics Inc	0.076	United States	Portland Gen Elec Co	0.174	United States	Primo Water	0.093	United States
Phreesia Inc	0.048	United States	Poseida Therapeutics	0.009	United States	Primoris Svcs Corp	0.070	United States
Physicians Realty Trust	0.125	United States	Postal Realty Trust	0.012	United States	Princeton Bancorp Inc	0.007	United States
Piedmont Lithium Inc	0.020	United States	Potbelly Corporation	0.011	United States	Priority Technology	0.002	United States
Piedmont Office Rlty Tr	0.035	United States	Potlatchdeltic Corp	0.153	United States	Privia Health Group	0.102	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
Proassurance Corp	0.028	United States	Purple Innovation Inc	0.002	United States	Rambus Inc	0.294	United States
Procept Biorobotics	0.067	United States	Q2 Hldgs Inc	0.098	United States	Ranger Energy Services	0.006	United States
Profrac Holding	0.009	United States	Qcr Holdings Inc	0.038	United States	Ranpak Holdings (a)	0.010	United States
Prog Holdings Inc	0.054	United States	Quad / Graphics Inc	0.007	United States	Rapid7 Inc	0.137	United States
Progress Software Corp	0.093	United States	Quaker Houghton	0.117	United States	Rapt Therapeutics	0.029	United States
Prognyn	0.117	United States	Qualys Inc	0.288	United States	Rayonier Adv Materials	0.010	United States
Prokidney Corp (a)	0.003	United States	Quanex Building Products	0.040	United States	Rayzebio Inc	0.049	United States
Propetro Holding Co	0.032	United States	Quanterix Corporation	0.038	United States	Rbb Bancorp	0.013	United States
Pros Holdings Inc	0.068	United States	Quantum Si Inc (a)	0.008	United States	Rci Hospitality Hldgs	0.023	United States
Protagonist Therapeutics	0.052	United States	Quinstreet Inc	0.027	United States	Re/max Holdings Inc	0.009	United States
Protalix Bio Thera	0.005	United States	Quipt Home Medical Corp	0.008	United States	Ready Capital Corp	0.065	United States
Prothena Corp Plc	0.060	United States	Qurate Retail Inc	0.000	United States	Recursion Pharmaceutical	0.053	United States
Proto Labs Inc	0.041	United States	Rackspace Technology	0.005	United States	Red River Bancshares	0.011	United States
Provident Financial Svcs	0.052	United States	Radian Group Inc	0.177	United States	Red Robin Gourmet Burger	0.008	United States
Ptc Therapeutics Inc	0.078	United States	Radiant Logistics Inc	0.010	United States	Red Rocks Resorts Inc	0.100	United States
Pubmatic	0.028	United States	Radnet Inc	0.083	United States	Red Violet	0.009	United States
Pulmonx	0.018	United States	Rain Oncology Inc	0.001	United States	Redfin Corp	0.045	United States
Pulse Biosciences Inc	0.008	United States	Rallybio	0.003	United States	Redwire Corp	0.001	United States
Purecycle Corp	0.008	United States	Ramaco Resources Class B	0.002	United States	Redwood Trust Inc	0.033	United States
Purecycle Technologies	0.019	United States	Ramaco Resources Inc	0.015	United States	Regenxbio Inc	0.029	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
Regional Mgmt Corp	0.008	United States	Ribbon Communications	0.010	United States	Rxsight	0.045	United States
Relay Therapeutics	0.039	United States	Richardson Electronics	0.006	United States	Ryerson Holding Corp	0.038	United States
Remitly Global	0.102	United States	Rigel Pharmaceuticals	0.010	United States	Ryman Hospitality Pptys	0.253	United States
Renasant Corp	0.073	United States	Riley Exploration Permian	0.010	United States	S & T Bancorp Inc	0.050	United States
Reneo Pharmaceuticals	0.001	United States	Rimini Street Inc	0.007	United States	Sabra Health Care Reit	0.130	United States
Rent The Runway	0.001	United States	Ring Energy Inc	0.007	United States	Sabre Corp	0.057	United States
Repay Holdings Corp (a)	0.028	United States	Riot Platforms Inc	0.116	United States	Safe Bulkers Inc	0.010	United States
Replimune Group Inc	0.016	United States	Rlj Lodging Tr	0.072	United States	Safehold Inc	0.045	United States
Republic Bancorp Inc Ky	0.019	United States	Rmr Group Inc	0.017	United States	Safety Insurance Grp Inc	0.043	United States
Reservoir Media Inc	0.006	United States	Rocket Lab Usa Inc (a)	0.061	United States	Sage Therapeutics Inc	0.045	United States
Resideo Technologies	0.109	United States	Rocket Pharmaceuticals	0.074	United States	Sagimet Biosciences Inc	0.001	United States
Resources Connection	0.018	United States	Rocky Brands Inc	0.008	United States	Sally Beauty Holdings	0.056	United States
Retail Opportunity Invt	0.068	United States	Rogers Corp	0.090	United States	Sana Biotechnology	0.015	United States
Rev Group Inc	0.023	United States	Rover Group Inc (a)	0.039	United States	Sanara Medtech	0.006	United States
Revanche Therapeutics Inc	0.030	United States	Rpc Inc	0.024	United States	Sandridge Energy Inc	0.017	United States
Revolution Medicines	0.163	United States	Rpt Realty	0.043	United States	Sandy Spring Bancorp	0.047	United States
Revolve Group	0.027	United States	Rush Enterprises Inc	0.019	United States	Sanfilippo John B & Son	0.036	United States
Rex American Resources	0.029	United States	Rush Enterprises Inc	0.122	United States	Sangamo Therapeutics Inc	0.003	United States
Rgc Res Inc	0.006	United States	Rush Street Intact (a)	0.011	United States	Sanmina Corporation	0.115	United States
Rhythm Pharmaceuticals	0.093	United States	Rxo Inc	0.107	United States	Sapiens Intl Corp Nv	0.035	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
Saul Centers Inc	0.018	United States	Selectquote	0.007	United States	Siga Technologies Inc	0.010	United States
Savara Inc	0.017	United States	Semler Scientific Inc	0.008	United States	Sight Sciences	0.004	United States
Savers Value Village Inc	0.018	United States	Semrush Holdings	0.017	United States	Signet Jewelers Ltd	0.189	United States
Scansource Inc	0.039	United States	Semtech Corp	0.055	United States	Silicon Laboratories Inc	0.166	United States
Schnitzer Steel Inds	0.031	United States	Seneca Foods Corp	0.011	United States	Silk Road Medical	0.019	United States
Scholar Rock Holding	0.041	United States	Sensient Technologies	0.110	United States	Silverbow Resources	0.024	United States
Scholastic Corp	0.040	United States	Seres Therapeutics Inc	0.005	United States	Silvercrest Asset Mngmt	0.006	United States
Schrodinger	0.077	United States	Service Properties Trust	0.056	United States	Simmons First National	0.097	United States
Scorpio Tankers Inc	0.115	United States	Servisfirst Bancshares	0.134	United States	Simply Good Foods	0.142	United States
Scpharmaceuticals Inc	0.007	United States	Ses Ai Corporation	0.009	United States	Simpson Manufacturing	0.335	United States
Scripps E W Co	0.019	United States	Sfl Corporation Ltd	0.051	United States	Simulations Plus Inc	0.028	United States
Seacoast Banking Corp FI	0.095	United States	Shake Shack Inc	0.110	United States	Sinclair Inc	0.017	United States
Seacor Marine Holdings	0.012	United States	Sharecare Inc	0.013	United States	Siriuspoint Ltd	0.032	United States
Seadrill Ltd Nyse	0.094	United States	Shenandoah Telecomm Co	0.041	United States	Site Centers Corporation	0.103	United States
Seaworld Entmt Inc	0.076	United States	Shoals Technologies Grou	0.105	United States	Sitime	0.084	United States
Security Natl Finl Corp	0.004	United States	Shoe Carnival Inc	0.022	United States	Sitio Royalties Corp (a)	0.076	United States
Seer	0.004	United States	Shore Bancshares Inc	0.017	United States	Six Flags Entmt Corp	0.071	United States
Select Medical Holdings	0.096	United States	Shutterstock Inc	0.047	United States	Sjw Group	0.082	United States
Select Water Solutns (a)	0.024	United States	Si-bone	0.033	United States	Skillsoft Corp (a)	0.003	United States
Selective Insurance Grp	0.236	United States	Sierra Bancorp	0.012	United States	Skyline Champion Corp	0.157	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
Skyward Specialty Insura	0.032	United States	Soundthinking Inc	0.010	United States	Sprouts Frms Mkt Inc	0.193	United States
Skywater Technology	0.007	United States	South Plains Financial	0.013	United States	Sps Comm Inc	0.281	United States
Skywest Inc	0.083	United States	Southern First Bancshare	0.011	United States	Spx Technologies Inc	0.176	United States
Skyx Platforms Corp	0.004	United States	Southern Mo Bancorp Inc	0.020	United States	Squarespace	0.066	United States
SI Green Realty Corp	0.115	United States	Southern States Bancshar	0.009	United States	St Joe Co	0.082	United States
Sleep Number Corporation	0.013	United States	Southland Holdings Inc	0.001	United States	Staar Surgical Co	0.060	United States
Sm Energy Co	0.181	United States	Southside Bancshares Inc	0.035	United States	Stagwell Inc	0.021	United States
Smart Global Holdings	0.036	United States	Southstate Corp	0.254	United States	Standard Motor Products	0.032	United States
Smartfinancial Inc	0.015	United States	Southwest Gas Holdings	0.154	United States	Standex International	0.074	United States
Smartrent Inc	0.023	United States	Sovos Brands	0.048	United States	Star Holdings	0.008	United States
Smith And Wesson Brands	0.024	United States	Sp Plus Corporation	0.040	United States	Steelcase Inc	0.049	United States
Snap One Holdings	0.006	United States	Spartannash Company	0.031	United States	Stellar Bancorp Inc	0.053	United States
Solaris Oilfield	0.009	United States	Sphere Entertainment Co	0.036	United States	Stem Inc (a)	0.022	United States
Solarwinds	0.025	United States	Spire Inc	0.127	United States	Stepan Co	0.079	United States
Solid Power Inc (a)	0.009	United States	Spirit Airls Inc	0.071	United States	Stepstone Group	0.068	United States
Solo Brands	0.005	United States	Spok Holdings Inc	0.011	United States	Sterling Bancorp Inc	0.005	United States
Somalagic Inc (a)	0.015	United States	Sportsmans Whse Hldgs	0.006	United States	Sterling Check	0.017	United States
Sonic Automotive Inc	0.033	United States	Springworks Therapeutics	0.097	United States	Sterling Infrastructure	0.104	United States
Sonos Inc	0.086	United States	Sprinklr	0.050	United States	Stewart Information	0.062	United States
Soundhound Ai Inc	0.012	United States	Sprout Social	0.116	United States	Stitch Fix Class A	0.012	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
Stock Yards Bancorp Inc	0.055	United States	Super Micro Computer Inc	0.520	United States	Teekay Corp	0.017	United States
Stoke Therapeutics Inc	0.006	United States	Supernus Pharmaceuticals	0.056	United States	Teekay Tankers Ltd	0.047	United States
Stoneco	0.207	United States	Surgery Partners Inc	0.095	United States	Tegna Inc	0.122	United States
Stoneridge Inc	0.020	United States	Surmodics Inc	0.020	United States	Tejon Ranch Co	0.014	United States
Stonex Group Inc	0.078	United States	Sutro Biopharma	0.010	United States	Tela Bio	0.004	United States
Strategic Education Inc	0.082	United States	Sweetgreen	0.043	United States	Telephone & Data Systems	0.072	United States
Stratus Pptys Inc	0.006	United States	Swk Holdings	0.003	United States	Tellurian Inc	0.016	United States
Stride Inc	0.099	United States	Sylvamo	0.069	United States	Tenable Holdings	0.208	United States
Sturm Ruger & Co Inc	0.031	United States	Synaptics Inc	0.178	United States	Tenaya Therapeutics	0.006	United States
Summit Financial Group	0.014	United States	Syndax Pharmaceuticals	0.057	United States	Tennant Co	0.068	United States
Summit Hotel Pptys	0.028	United States	System1 Inc (a)	0.003	United States	Terawulf Inc	0.014	United States
Summit Mtls Inc	0.181	United States	Tactile Systems Tech	0.013	United States	Terex Corp	0.151	United States
Summit Therapeutics Inc	0.012	United States	Talos Energy Inc	0.061	United States	Terns Pharmaceuticals	0.011	United States
Sun Country Airlines Hol	0.023	United States	Tanger Inc	0.112	United States	Terran Orbital Corp (a)	0.004	United States
Suncoke Energy Inc	0.035	United States	Tango Therapeutics Inc	0.017	United States	Terreno Realty Corp	0.205	United States
Sunnova Energy Intl Inc	0.064	United States	Target Hospitality (a)	0.012	United States	Tetra Technologies Inc	0.022	United States
Sunopta Inc	0.020	United States	Taro Pharm Inds	0.013	United States	Texas Capital Bancshares	0.122	United States
Sunpower Corp	0.017	United States	Tarsus Pharmaceuticals	0.023	United States	Textainer Group Hldgs	0.078	United States
Sunstone Hotel Invs Inc	0.088	United States	Taylor Morrison Home li	0.218	United States	Tg Therapeutics Inc	0.093	United States
Super Group Sghc Ltd	0.017	United States	Techtarget Inc	0.035	United States	The Aarons Company	0.013	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
The Joint Corp	0.005	United States	Titan Machinery Inc	0.023	United States	Trimas Corp	0.041	United States
The Odp Corporation	0.072	United States	Tompkins Financial Corp	0.033	United States	Trinet Group Inc	0.150	United States
The Shyft Group Inc	0.016	United States	Topgolf Callaway Brands	0.081	United States	Trinity Industries Inc	0.085	United States
The Vita Coco Company	0.029	United States	Torrid Holdings	0.003	United States	Trinseo Plc	0.012	United States
Theravance Biopharma Inc	0.023	United States	Townebank Portsmouth Va	0.082	United States	Triumph Financial Inc	0.070	United States
Thermon Group Hldgs Inc	0.043	United States	Townsquare Media Inc	0.005	United States	Triumph Group Inc	0.042	United States
Theseus Pharmaceuticals	0.003	United States	Tpg Re Finance Trust	0.018	United States	Tronox Holdings Plc	0.065	United States
Third Coast Bancshares	0.010	United States	Tpi Composites Inc	0.007	United States	Trueblue Inc	0.018	United States
Third Harmonic Bio Inc	0.008	United States	Traeger	0.004	United States	Truecar Inc	0.012	United States
Thoughtworks Holding	0.018	United States	Transcat Inc	0.035	United States	Trupanion Inc	0.048	United States
Thredup	0.006	United States	Transcontinental Realty	0.002	United States	Trustco Bank Corp Ny	0.023	United States
Thryv Holdings	0.025	United States	Transmedics Group	0.099	United States	Trustmark Corp	0.067	United States
Tidewater Inc	0.132	United States	Transphorm	0.004	United States	Ttec Holdings Inc	0.017	United States
Tile Shop Hldgs Inc	0.008	United States	Traverse Therapeutics Inc	0.026	United States	Ttm Technologies Inc	0.065	United States
Tillys Inc	0.007	United States	Treace Medical Concepts	0.023	United States	Tucows Inc	0.011	United States
Timberland Bancorp Inc	0.009	United States	Tredegar Corp	0.006	United States	Turning Point Brands Inc	0.018	United States
Timkensteel Corporation	0.040	United States	Treehouse Foods Inc	0.084	United States	Turnstone Biologics Corp	0.001	United States
Tingo Group Inc	0.003	United States	Trevi Therapeutics	0.002	United States	Turtle Beach Corp	0.007	United States
Tiptree Inc	0.018	United States	Tri Pointe Homes Inc	0.134	United States	Tusimple Holdings	0.006	United States
Titan International Inc	0.031	United States	Trico Bancshares	0.053	United States	Tutor Perini Corp	0.015	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
Twist Bioscience	0.083	United States	Unitil Corp	0.033	United States	Utz Brands Inc (a)	0.046	United States
Two Hhrs Invt Corp	0.053	United States	Unity Bancorp Inc	0.008	United States	V2x Inc	0.021	United States
Tyra Biosciences	0.008	United States	Universal Corp	0.064	United States	Vaalco Energy Inc	0.019	United States
U S Physical Therapy Inc	0.055	United States	Universal Health Realty	0.022	United States	Valaris	0.163	United States
U S Silica Hldgs Inc	0.034	United States	Universal Insurance	0.015	United States	Valhi Inc	0.001	United States
Udemy	0.051	United States	Universal Logistics Hldg	0.007	United States	Valley National Bancorp	0.185	United States
Ufp Industries Inc	0.298	United States	Universal Technical Inst	0.016	United States	Value Line Inc	0.002	United States
Ufp Technologies Inc	0.048	United States	Univest Financial Corpor	0.025	United States	Vanda Pharmaceuticals	0.009	United States
Ultra Clean Holdings Inc	0.060	United States	Upbound Group Inc	0.074	United States	Varex Imaging	0.031	United States
Umb Financial Corp	0.146	United States	Upstart Holdings	0.118	United States	Varonis Systems Inc	0.194	United States
Umh Properties Inc	0.036	United States	Upwork	0.073	United States	Vaxcyte	0.232	United States
Unifirst Corp Mass	0.108	United States	Uranium Energy Corp	0.095	United States	Vaxxinity	0.001	United States
Unisys Corp	0.015	United States	Urban Edge Properties	0.083	United States	Vector Group Ltd	0.065	United States
United Bankshares Inc	0.194	United States	Urban One	0.001	United States	Veeco Instruments Inc	0.062	United States
United Community Banks	0.133	United States	Urban One Inc	0.002	United States	Velo3d Inc (a)	0.001	United States
United Fire Group Inc	0.017	United States	Urban Outfitters Inc	0.090	United States	Velocity Financial Inc	0.006	United States
United Homes Group Inc	0.002	United States	Urogen Pharma	0.016	United States	Ventyx Biosciences	0.005	United States
United Natural Foods Inc	0.037	United States	Usana Health Sciences	0.024	United States	Vera Bradley Inc	0.008	United States
United States Lime & Min	0.019	United States	Uscb Financial Hldgs (a)	0.005	United States	Vera Therapeutics	0.021	United States
Uniti Group Inc	0.054	United States	Utah Med Prods Inc	0.011	United States	Veracyte Inc	0.079	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
Veradigm Inc	0.045	United States	Village Super Market Inc	0.009	United States	Vuzix Corp	0.005	United States
Verde Clean Fuels Inc	0.000	United States	Vimeo	0.024	United States	W&t Offshore Inc	0.013	United States
Vericel Corp	0.067	United States	Vir Biotechnology	0.033	United States	Wabash National Corp	0.047	United States
Verint Sys Inc	0.067	United States	Virgin Galactic Hldg (a)	0.032	United States	Wafd Inc	0.084	United States
Veris Residential Inc	0.049	United States	Virginia National Banksh	0.006	United States	Waldencast Plc (a)	0.016	United States
Vertex Holdings	0.048	United States	Viridian Therapeutics	0.037	United States	Walker & Dunlop Inc	0.139	United States
Veritone Inc	0.002	United States	Virtus Investment Ptnrs	0.066	United States	Warby Parker	0.047	United States
Verra Mobility Corp	0.127	United States	Vishay Interotechnology	0.122	United States	Warrior Met Coal Inc	0.124	United States
Verrica Pharmaceuticals	0.006	United States	Vishay Precision Group	0.017	United States	Washington Trust Bancorp	0.022	United States
Vertex Energy Inc	0.009	United States	Vista Outdoor Inc	0.067	United States	Waterstone Financial Inc	0.010	United States
Verve Therapeutics	0.029	United States	Visteon Corp	0.136	United States	Watts Water Tech Inc	0.225	United States
Viad Corp	0.029	United States	Vital Energy Inc	0.042	United States	Wave Life Sciences Ltd	0.012	United States
Viant Technology	0.004	United States	Vital Farms	0.019	United States	Wd-40 Co	0.128	United States
Viavi Solutions Inc	0.088	United States	Vitesse Energy Inc	0.022	United States	Weatherford Intl Plc	0.275	United States
Vicarious Surgical (a)	0.001	United States	Vivid Seats Inc (a)	0.006	United States	Weave Communications	0.015	United States
Vicor Corp	0.039	United States	Vizio Holding	0.023	United States	Weis Markets Inc	0.042	United States
Victory Capital Holdings	0.036	United States	Vor Biopharma	0.003	United States	Werner Enterprises Inc	0.106	United States
Viemed Healthcare	0.011	United States	Voxx International Corp	0.005	United States	Wesbanco Inc	0.071	United States
Vigil Neuroscience	0.002	United States	Voyager Therapeutics Inc	0.011	United States	West Bancorporation Inc	0.014	United States
Viking Therapeutics Inc	0.071	United States	Vse Corp	0.033	United States	Westamerica Bancorp	0.058	United States

# ESMA Compliance Quarterly Membership Weights

Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country	Russell 2000®	Weight(%)	Country
Westrock Coffee Co (a)	0.011	United States	Xencor Inc	0.049	United States	Zumiez Inc	0.013	United States
Weyco Group Inc	0.007	United States	Xenia Hotels & Resorts	0.058	United States	Zuora	0.049	United States
Whitestone Reit	0.024	United States	Xeris Biopharma Holdings	0.012	United States	Zura Bio Ltd	0.003	United States
Wideopenwest	0.008	United States	Xerox Holdings Corp	0.085	United States	Zurn Elkay Water Solut	0.172	United States
Wiley John & Sons Inc	0.046	United States	Xoma Corp	0.005	United States	Zymeworks	0.022	United States
Willdan Group Inc	0.010	United States	Xometry	0.048	United States	Zynex	0.008	United States
Willis Lease Finance	0.006	United States	Xpel Inc	0.048	United States			
Winmark Corp	0.047	United States	Xperi Inc	0.019	United States			
Winnebago Industries Inc	0.083	United States	Xponential Fitness	0.013	United States			
Wisdomtree Inc	0.038	United States	Y-mabs Therapeutics	0.010	United States			
Wolverine World Wide	0.027	United States	Yelp Inc	0.124	United States			
Workhorse Group Inc	0.003	United States	Yext Inc	0.025	United States			
Workiva Inc	0.199	United States	York Water Company	0.022	United States			
World Acceptance Corp	0.021	United States	Zentalis Pharmaceuticals	0.035	United States			
World Kinect Corporation	0.054	United States	Zeta Global Holdings	0.048	United States			
Worthington Enterprises	0.070	United States	Zevia Pbc	0.002	United States			
Worthington Steel	0.034	United States	Zevra Therapeutics Inc	0.009	United States			
Wsfs Financial Corp	0.111	United States	Ziff Davis Inc	0.123	United States			
Ww International Inc	0.019	United States	Zimvie	0.018	United States			
X4 Pharmaceuticals Inc	0.004	United States	Ziprecruiter	0.037	United States			

# ESMA Compliance Quarterly Membership Weights

For more information about our indexes, please visit [lseg.com/ftse-russell](https://lseg.com/ftse-russell)

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# ESMA Compliance Quarterly Membership Weights

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