

ESMA Compliance Quarterly Membership Weights

JP Morgan US Quality Factor Index Total Return Index	Weight(%)	Country	JP Morgan US Quality Factor Index Total Return Index	Weight(%)	Country	JP Morgan US Quality Factor Index Total Return Index	Weight(%)	Country
3M Company	0.310	United States	Aon plc	0.502	United States	Broadcom	1.727	United States
Abbott Laboratories	0.606	United States	APA Corporation	0.190	United States	Broadridge Financial Solu	0.296	United States
AbbVie Inc	1.408	United States	Apple Inc.	1.897	United States	Brown & Brown	0.270	United States
Accenture CI A	1.019	United States	Applied Materials	0.720	United States	Brown-Forman B	0.005	United States
Activision Blizzard	0.509	United States	Arch Capital Gp	0.338	United States	Builders FirstSource Inc.	0.169	United States
Acuity Brands Inc	0.068	United States	Arthur J Gallagher	0.427	United States	C.H. Robinson Worldwide	0.228	United States
Adobe	1.253	United States	Aspen Technology	0.084	United States	Cadence Design Systems	0.482	United States
Advanced Drainage Systems	0.159	United States	AT&T	0.235	United States	Camden Property	0.111	United States
Aflac	0.426	United States	Atlassian	0.339	United States	Carters	0.101	United States
Agilent Technologies	0.098	United States	Atmos Energy	0.162	United States	CBRE Group	0.048	United States
Airbnb	0.416	United States	Autodesk	0.400	United States	CDW	0.228	United States
Akamai Technologies	0.287	United States	Automatic Data Process	0.596	United States	CF Industries Holdings	0.238	United States
Allegro MicroSystems	0.090	United States	Autozone	0.419	United States	Charter Communications In	0.118	United States
Allison Transmission Hold	0.154	United States	Bentley Systems	0.145	United States	Chemed	0.248	United States
Alphabet Class A	2.025	United States	Berkley W R	0.234	United States	Chevron	1.244	United States
Altria Group	0.542	United States	Berkshire Hathaway B	1.929	United States	Choice Hotels Internation	0.199	United States
Amdocs	0.221	United States	Best Buy Company	0.153	United States	Chubb Ltd	0.406	United States
American Finance Group HI	0.130	United States	Bio-Techne	0.042	United States	Church & Dwight	0.163	United States
Ameriprise Financial	0.280	United States	Biogen	0.235	United States	Cintas Corp	0.385	United States
Amgen Corp	0.836	United States	Blackrock Inc	0.507	United States	Cirrus Logic	0.111	United States
Amphenol Corp A	0.308	United States	Block (H & R) NPV	0.255	United States	Cisco Systems	1.116	United States
Analog Devices	0.576	United States	Booking Holdings	0.728	United States	Clean Harbors	0.184	United States
ANSYS Inc	0.206	United States	Boyd Gaming	0.119	United States	Clorox	0.251	United States
Antero Midstream Corp	0.033	United States	Bristol Myers Squibb	0.752	United States	Coca-Cola	0.882	United States



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Cognizant Tech Solutions	0.355	United States	Ebay	0.312	United States	Gilead Sciences	0.631	United States
Colgate-Palmolive	0.422	United States	Edwards Lifesciences	0.324	United States	Globe Life	0.206	United States
Commerce Bancshares	0.153	United States	Electronic Arts	0.360	United States	GoDaddy	0.155	United States
ConocoPhillips	0.504	United States	Enovis Corporation	0.028	United States	Graco Inc	0.220	United States
Cons Edison Holding	0.290	United States	EOG Resources	0.425	United States	Grainger (W W)	0.311	United States
Copart Inc	0.365	United States	Epam Systems	0.179	United States	Grand Canyon Education In	0.211	United States
CoStar Group	0.236	United States	Equity Lifestyle Properti	0.165	United States	Hawaiian Electric	0.029	United States
Costco Wholesale Corp	1.357	United States	Equity Residential	0.092	United States	Henry (Jack) & Associates	0.158	United States
Coterra Energy Inc	0.291	United States	Evergy	0.146	United States	Hershey Company	0.251	United States
CrowdStrike Holdings	0.262	United States	Expedia Group	0.219	United States	Hologic Inc	0.215	United States
Crown Castle Inc	0.144	United States	Expeditors Intl Washingto	0.286	United States	Home Depot	1.394	United States
Darden Restaurants	0.253	United States	Extra Space Storage	0.254	United States	Honeywell International I	0.078	United States
Datadog	0.201	United States	Exxon Mobil Corporation	1.599	United States	Host Hotels & Resorts	0.265	United States
DaVita	0.158	United States	F5 Inc	0.250	United States	HubSpot	0.187	United States
Deckers Outdoor	0.264	United States	Factset Research Systems	0.277	United States	Idacorp Inc	0.084	United States
Docusign	0.157	United States	Fastenal Co	0.073	United States	IDEX Corp	0.231	United States
Dolby Labs A	0.202	United States	FNF Group	0.162	United States	Idexx Labs	0.326	United States
Donaldson Co Inc	0.162	United States	Fortinet	0.378	United States	Illinois Tool Wks	0.470	United States
DoorDash	0.199	United States	Fotrune Brands Innovation	0.140	United States	Incyte	0.236	United States
DoubleVerify Holdings	0.104	United States	Gaming & Leisure Properti	0.080	United States	Intercontinental Exchange	0.346	United States
Dropbox	0.237	United States	Gartner	0.316	United States	International Bus Machns.	0.614	United States
Dun and Bradstreet Holdin	0.063	United States	General Mills	0.073	United States	Intuit	0.830	United States
Dynatrace	0.228	United States	Gentex Corp	0.157	United States	IPG Photonics	0.111	United States
Eagle Materials	0.110	United States	Genuine Parts	0.242	United States	Jabil	0.199	United States

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Johnson & Johnson	1.499	United States	Merck & Co	1.352	United States	Philip Morris Internation	0.047	United States
Keysight Technologies	0.256	United States	Meta Platforms Inc	2.126	United States	Pinterest	0.177	United States
Kimberly-Clark	0.384	United States	Mettler-Toledo	0.254	United States	Pioneer Natural Resource	0.284	United States
KLA Corporation	0.474	United States	Microchip Technology	0.390	United States	Pool	0.265	United States
Lam Research	0.469	United States	Microsoft Corp	1.909	United States	Premier Inc	0.028	United States
Lamar Advertising	0.224	United States	Mid-America Apartment Com	0.173	United States	Principal Financial Group	0.218	United States
Landstar Sys	0.219	United States	Moody's Corporation	0.410	United States	Procter & Gamble	1.617	United States
Lattice Semiconductor	0.239	United States	Motorola Solutions	0.183	United States	Progressive Corp	0.158	United States
Lilly (Eli) & Co	1.984	United States	MSC Industrial A	0.081	United States	Public Storage	0.388	United States
Lincoln Electric Holdings	0.220	United States	Nasdaq	0.237	United States	Pure Storage	0.233	United States
Linde plc	0.964	United States	Natl Fuel Gas Co	0.186	United States	Qorvo Inc.	0.219	United States
Live Nation Entertainment	0.213	United States	NetApp	0.173	United States	Rayonier	0.026	United States
LKQ	0.197	United States	Newmont Corporation	0.062	United States	Regeneron Phar	0.462	United States
Lockheed Martin Corp	0.575	United States	NextEra Energy Inc	0.179	United States	Reliance Steel & Aluminu	0.250	United States
Lowes Cos Inc	0.048	United States	Nordson Cp	0.117	United States	Republic Services	0.328	United States
Madison Square Garden Spo	0.203	United States	Nvidia	1.882	United States	RingCentral	0.108	United States
Manhattan Assoc	0.262	United States	NVR Inc	0.272	United States	Rollins Inc	0.220	United States
MarketAxess Holdings	0.067	United States	O Reilly Auto	0.449	United States	Ross Stores	0.367	United States
Marriott International	0.422	United States	OGE Energy	0.219	United States	S&P Global	0.711	United States
Marsh & McLennan	0.633	United States	Olin Corp	0.151	United States	Salesforce Inc	0.897	United States
Mastercard CL A	1.711	United States	ON Semiconductor Corp	0.267	United States	Science Applications Inte	0.117	United States
McDonalds Corp	1.050	United States	Palo Alto Networks	0.524	United States	SEI Invest Co	0.212	United States
McKesson	0.487	United States	Paychex	0.367	United States	ServiceNow	0.716	United States
Medpace Holdings	0.128	United States	Paycom Software	0.214	United States	Simon Property Group	0.234	United States



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Sirius XM Holdings	0.149	United States	Verizon Communications	0.606	United States
Skyworks Solutions Inc	0.260	United States	Vertex Pharm	0.599	United States
Smith (AO)	0.129	United States	Virtu Financial	0.046	United States
Snowflake	0.090	United States	Visa	1.889	United States
Southern Copper Corp.	0.198	United States	VMware Inc.	0.376	United States
Splunk	0.241	United States	Walmart	0.179	United States
Starbucks	0.640	United States	Waste Mgmt Inc	0.486	United States
Synopsys Inc	0.526	United States	Watsco Inc	0.246	United States
Tapestry	0.145	United States	WEC Energy Group	0.261	United States
Teradata	0.204	United States	Western Union	0.198	United States
Teradyne	0.248	United States	Weyerhaeuser	0.281	United States
Texas Instruments	0.827	United States	Williams Sonoma	0.221	United States
Texas Pacific Land Corpor	0.161	United States	Wyndham Hotels & Resorts	0.096	United States
TJX Companies	0.667	United States	Yum Brands	0.337	United States
Tractor Supply	0.111	United States	Zoetis	0.499	United States
Travelers Cos Inc.	0.335	United States			
Tyler Technologies	0.028	United States			
Ubiquiti	0.012	United States			
UGI Corp Hlds	0.050	United States			
Ulta Beauty	0.233	United States			
Union Pacific Corp	0.742	United States			
United Parcel Service	0.060	United States			
VeriSign Inc	0.291	United States			
Verisk Analytics	0.357	United States			



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EMEA +44 (0) 20 7866 1810

North America +1 877 503 6437

Asia-Pacific

Hong Kong +852 2164 3333

Tokyo +81 3 6441 1430

Sydney +61 (0)2 7228 5659