



ESMA Compliance Quarterly Membership Weights

JP Morgan US Minimum Volatility Index Total Return Index	Weight(%)	Country	JP Morgan US Minimum Volatility Index Total Return Index	Weight(%)	Country	JP Morgan US Minimum Volatility Index Total Return Index	Weight(%)	Country
3M Company	0.311	United States	Arthur J Gallagher	0.605	United States	Cencora Inc	0.583	United States
Abbott Laboratories	0.521	United States	Ashland Inc	0.364	United States	CenterPoint Energy	0.632	United States
AbbVie Inc	0.582	United States	AT&T	0.606	United States	Charter Communications In	0.537	United States
Agilent Technologies	0.476	United States	Atmos Energy	0.619	United States	Chemed	0.494	United States
Agree Realty	0.548	United States	Automatic Data Process	0.601	United States	Cheniere Energy	0.611	United States
Air Products & Chemicals	0.498	United States	Avalonbay Communities	0.210	United States	Chevron	0.553	United States
Albertsons Companies	0.276	United States	Avery Dennison Corp	0.465	United States	Choice Hotels Internation	0.239	United States
Alliant Energy	0.611	United States	Baker Hughes Company	0.092	United States	Church & Dwight	0.614	United States
Allstate Corp	0.598	United States	Baxter Intl	0.254	United States	Ciena	0.726	United States
Altria Group	0.577	United States	Becton Dickinson	0.592	United States	Cisco Systems	0.630	United States
Amdocs	0.503	United States	BellRing Brands	0.136	United States	Clorox	0.511	United States
Ameren Corp	0.612	United States	Berkley W R	0.328	United States	CME Group	0.465	United States
American Elec Power Com	0.566	United States	Berkshire Hathaway B	0.626	United States	CMS Energy Corp	0.611	United States
American Homes 4 Rent	0.117	United States	Bio-Rad Labs A	0.281	United States	Coca-Cola	0.627	United States
American Tower Corp	0.317	United States	Bio-Techne	0.090	United States	Cognizant Tech Solutions	0.087	United States
American Water Works Comp	0.452	United States	Boston Scientific Corp	0.629	United States	Colgate-Palmolive	0.521	United States
Amgen Corp	0.511	United States	Bristol Myers Squibb	0.604	United States	Columbia Sportswear Co	0.053	United States
Amphenol Corp A	0.278	United States	Broadridge Financial Solu	0.167	United States	Comcast A	0.552	United States
ANSYS Inc	0.494	United States	Brown & Brown	0.589	United States	ConAgra Brands Inc	0.535	United States
Antero Midstream Corp	0.106	United States	Brown-Forman B	0.449	United States	Cons Edison Holding	0.593	United States
Aon plc	0.252	United States	Bunge Global SA	0.338	United States	Constellation Brands A	0.538	United States
Aptargroup	0.310	United States	CACI Inc Cl A	0.242	United States	Cooper Cos Inc	0.407	United States
Arch Capital Gp	0.479	United States	Cardinal Health	0.464	United States	Costco Wholesale Corp	0.594	United States
Arista Networks	0.647	United States	Caseys General Stores	0.562	United States	Coterra Energy Inc	0.274	United States



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Crown Castle Inc	0.272	United States	Firstenergy Corp.	0.561	United States	IQVIA Holdings	0.022	United States
CubeSmart	0.207	United States	Flowers Foods Inc	0.415	United States	Iridium Communications In	0.198	United States
Danaher Corp	0.446	United States	Fortrea	0.041	United States	J M Smucker	0.556	United States
DaVita	0.288	United States	Gaming & Leisure Properti	0.428	United States	Johnson & Johnson	0.559	United States
Dollar General	0.120	United States	Garmin Ltd	0.595	United States	Juniper Networks	0.633	United States
Dominion Energy	0.329	United States	General Dynamics Corp	0.529	United States	Kellanova	0.611	United States
DT Midstream	0.512	United States	General Mills	0.520	United States	Kenvue Inc	0.546	United States
DTE Energy	0.609	United States	Gentex Corp	0.251	United States	Keurig Dr Pepper	0.523	United States
Duke Energy Corp	0.585	United States	Genuine Parts	0.303	United States	Kimberly-Clark	0.555	United States
Ecolab	0.549	United States	Gilead Sciences	0.571	United States	Kinder Morgan	0.623	United States
Edison International	0.579	United States	Hasbro	0.036	United States	Kraft Heinz	0.534	United States
Edwards Lifesciences	0.130	United States	Healthcare Realty Trust I	0.043	United States	Kroger	0.652	United States
Electronic Arts	0.257	United States	Henry (Jack) & Associates	0.227	United States	L3Harris Technologies	0.436	United States
Elevance Health Inc	0.351	United States	Henry Schein	0.458	United States	Labcorp Holdings Inc	0.518	United States
Encompass Health	0.567	United States	Hershey Company	0.513	United States	Leggett & Platt	0.031	United States
Entergy Corp	0.631	United States	Hologic Inc	0.549	United States	Liberty Broadband Series	0.545	United States
Essential Utilities Inc	0.418	United States	Hormel Foods	0.507	United States	Liberty Global Ltd	0.140	United States
Evergy	0.616	United States	Hubbell	0.281	United States	Lilly (Eli) & Co	0.511	United States
Eversource Energy	0.396	United States	Idacorp Inc	0.363	United States	Linde plc	0.570	United States
Exelon Corporation	0.504	United States	Idexx Labs	0.368	United States	Lockheed Martin Corp	0.534	United States
Expeditors Intl Washingto	0.456	United States	Ingredion	0.597	United States	Loew's	0.390	United States
Exxon Mobil Corporation	0.568	United States	International Bus Machns.	0.588	United States	LyondellBasell Industries	0.169	United States
Fastenal Co	0.560	United States	International Paper	0.527	United States	Markel Group Inc	0.361	United States
First Industrial Realty T	0.282	United States	Intl Flavours & Fragrance	0.166	United States	Marsh & McLennan	0.574	United States



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McCormick & Co	0.524	United States	Philip Morris Internation	0.587	United States	RPM Inc	0.561	United States
McDonalds Corp	0.525	United States	Phillips 66	0.503	United States	Science Applications Inte	0.105	United States
McKesson	0.597	United States	Pilgrim's Pride Corp.	0.070	United States	Sempra	0.618	United States
Medtronic plc	0.502	United States	Pinnacle West Capital Cor	0.583	United States	Service Corp Intl	0.516	United States
Merck & Co	0.514	United States	Pool	0.019	United States	Silgan Hldg Inc	0.152	United States
Microsoft Corp	0.608	United States	Post Holdings	0.607	United States	Solventum Corporation	0.041	United States
Mid-America Apartment Com	0.089	United States	PPG Industries	0.060	United States	Sonoco Products	0.021	United States
Molson Coors Beverage Com	0.522	United States	PPL Corporation	0.609	United States	Southern Co	0.590	United States
Mondelez International In	0.501	United States	Premier Inc	0.076	United States	Starwood Property Trust I	0.006	United States
Monster Beverage	0.635	United States	Procter & Gamble	0.607	United States	STERIS plc	0.443	United States
Motorola Solutions	0.597	United States	Public Storage	0.438	United States	Stryker	0.556	United States
Natl Fuel Gas Co	0.393	United States	Public Svc Enterprise Gro	0.593	United States	Synopsys Inc	0.379	United States
NewMarket	0.291	United States	Qiagen N.V.	0.431	United States	Sysco Corp	0.559	United States
Newmont Corporation	0.167	United States	Quest Diagnostics	0.604	United States	T-Mobile US Inc.	0.574	United States
Nisource	0.625	United States	Realty Income	0.531	United States	Teleflex Inc	0.220	United States
NNN REIT Inc	0.439	United States	Regency Centers	0.145	United States	Texas Instruments	0.478	United States
NVR Inc	0.559	United States	Regeneron Phar	0.367	United States	TFS Financial	0.087	United States
O Reilly Auto	0.092	United States	Reliance Inc	0.543	United States	The Campbells Company	0.524	United States
OGE Energy	0.523	United States	RenaissanceRe	0.294	United States	The Cigna Group	0.052	United States
ONEOK Inc	0.582	United States	Republic Services	0.586	United States	Thermo Fisher Scientific	0.483	United States
Pepsico	0.581	United States	Revvity Inc	0.361	United States	TJX Companies	0.150	United States
Performance Food Group	0.302	United States	Rollins Inc	0.107	United States	Tyler Technologies	0.546	United States
Pfizer	0.379	United States	Roper Technologies	0.498	United States	Tyson Foods Inc A	0.482	United States
PG & E Corp.	0.361	United States	Royalty Pharma	0.169	United States	United Parcel Service	0.354	United States



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United Therapeutics	0.114	United States
Unitedhealth Group	0.542	United States
US Foods Holding	0.316	United States
Veralto Corporation	0.065	United States
VeriSign Inc	0.320	United States
Verisk Analytics	0.152	United States
Verizon Communications	0.600	United States
VICI Properties	0.485	United States
W. P. Carey Inc.	0.396	United States
Walmart	0.607	United States
Waste Mgmt Inc	0.575	United States
Waters Corp	0.333	United States
WEC Energy Group	0.611	United States
West Pharm Svcs	0.406	United States
White Mountains Insurance	0.484	United States
Williams Cos	0.602	United States
XCEL Energy	0.611	United States
Yum Brands	0.513	United States
Zimmer Biomet Holdings	0.053	United States
Zoetis	0.423	United States



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