



# ESMA Compliance Quarterly Membership Weights

JPMorgan Diversified Factor Emerging Markets Equity Net Tax Index	Weight(%)	Country	JPMorgan Diversified Factor Emerging Markets Equity Net Tax Index	Weight(%)	Country	JPMorgan Diversified Factor Emerging Markets Equity Net Tax Index	Weight(%)	Country
Abdullah Al Othaim Market	0.126	Saudi Arabia	Alupar Investimento S.A.	0.150	Brazil	Banco de Chile	0.239	Chile
Abu Dhabi Commercial Bank	0.403	United Arab Em	Ambev SA	0.293	Brazil	Banco del Bajio	0.103	Mexico
Abu Dhabi Islamic Bank	0.273	United Arab Em	America Movil L	0.589	Mexico	Banco Do Brasil ON	0.321	Brazil
Abu Dhabi Ports Company	0.034	United Arab Em	AMMB Holdings	0.081	Malaysia	Banco Santander - Chile	0.130	Chile
Accton Technology	0.065	Taiwan	Anadolu Efes	0.184	Turkey	Bancolumbia PN	0.184	Colombia
Adani Power	0.290	India	Anadolu Grubu A	0.189	Turkey	Bangkok Bank	0.156	Thailand
ADNOC Distribution PJSC	0.130	United Arab Em	AngloGold Ashanti Plc	0.080	South Africa	Bank Central Asia	0.553	Indonesia
ADNOC Drilling Company	0.179	United Arab Em	Anhui Conch Cement (H)	0.001	China	Bank Mandiri	0.371	Indonesia
ADNOC Logistics & Service	0.070	United Arab Em	Anhui Expressway (A) (SC	0.201	China	Bank of Baroda	0.045	India
ADVANCED INFO SERVICE	0.413	Thailand	Anhui Wenergy (A) (SC SZ	0.109	China	Bank of China (H)	1.167	China
African Rainbow Minerals	0.186	South Africa	Arab National Bank	0.068	Saudi Arabia	Bank of Shanghai (A) (SC	0.170	China
Agility Global	0.025	United Arab Em	Arabian Centres	0.050	Saudi Arabia	Banpu	0.097	Thailand
Agility Public Warehousin	0.111	Kuwait	Arca Continental SAB de C	0.265	Mexico	Baoshan Iron & Steel (A)	0.134	China
Ahlatci Dogal Gaz Dagitim	0.073	Turkey	Aselsan Elektronik Sanayi	0.264	Turkey	BB Seguridade Participaco	0.270	Brazil
Air Arabia	0.199	United Arab Em	Aspen Pharmacare Holdings	0.182	South Africa	Beijing Enterprises Holdi	0.088	China
Akbank	0.329	Turkey	Astor Enerji AS	0.131	Turkey	Bharat Petroleum Corp	0.198	India
Akcansa Cimento	0.218	Turkey	Astra International	0.334	Indonesia	BidCorp Ltd	0.286	South Africa
Aksa Enerji Uretim AS	0.115	Turkey	Aurobindo Pharmaceuticals	0.121	India	Bidvest Group	0.294	South Africa
Alamtri Resources Indones	0.163	Indonesia	Axiata Group Bhd	0.008	Malaysia	BIM Birlesik Magazalar	0.335	Turkey
Alarko Hldgs	0.154	Turkey	Aygaz	0.197	Turkey	Borusan Mannesmann Boru	0.006	Turkey
Aldar Properties PJSC	0.393	United Arab Em	BAIC Motor (H)	0.121	China	Bosideng International Ho	0.150	China
Alfa SAB de CV	0.253	Mexico	Bajaj Auto Limited	0.375	India	Bradespar S.A. PN	0.114	Brazil
Alfa Solar Enerji Sanayi	0.012	Turkey	Bajaj Holdings & Investme	0.057	India	BRF S.A.	0.151	Brazil
Alsea S.A.B. de C.V.	0.083	Mexico	Banco Bradesco S/A Pref.	0.312	Brazil	Brilliance China Automoti	0.153	China



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Caixa Seguridade Particip	0.142	Brazil	China Construction Bank (	1.066	China	Cimsa Cimento Sanayi V	0.227	Turkey
Canara Bank	0.049	India	China Feihe (P Chip)	0.191	China	Cipla	0.347	India
Capital Securities	0.185	Taiwan	China Hongqiao Group (P C	0.195	China	CITIC (Red Chip)	0.295	China
Carabao Group	0.059	Thailand	China Medical System Hold	0.059	China	Clicks Group Ltd	0.194	South Africa
Castrol	0.023	India	China Merchants Port Grou	0.100	China	Coal India	0.072	India
Catcher Technology	0.030	Taiwan	China Merchants Port Hold	0.164	China	Coca-Cola Femsa SAB de CV	0.274	Mexico
CATRION Catering Holding	0.214	Saudi Arabia	China Motor	0.165	Taiwan	Coca-Cola Icecek Uretim A	0.154	Turkey
Celcomdigi	0.051	Malaysia	China National Accord Med	0.060	China	COFCO Tunhe Sugar (A) (SC	0.131	China
Celebi Hava Serv	0.081	Turkey	China National Chemical E	0.052	China	Colbun	0.117	Chile
Cementos Chihuahua	0.150	Mexico	China National Medicines	0.102	China	Colgate	0.080	India
Cemex Sa Cpo Line	0.407	Mexico	China Petroleum & Chemica	0.366	China	Commercial International	0.195	Egypt
Cemig PN	0.267	Brazil	China Resources Pharmaceu	0.113	China	Companhia Sud Americana d	0.221	Chile
Cencosud	0.278	Chile	China Resources Power Hol	0.228	China	COSCO Shipping Holdings (	0.280	China
Centrais Eletricas Brasil	0.254	Brazil	China Resources Sanjiu Me	0.174	China	COSCO SHIPPING Ports (Red	0.061	China
CEZ	0.349	Czech Republic	China Shenhua Energy (H)	0.551	China	CP ALL	0.304	Thailand
CGN Power (H)	0.294	China	China South Publishing &	0.190	China	CP Aextra	0.100	Thailand
Charoen Pokphand Foods PC	0.130	Thailand	China United Network Comm	0.177	China	CPFL Energia	0.137	Brazil
Cheng Shin Rubber Industr	0.258	Taiwan	China XD Electric (A) (SC	0.117	China	CRRC (A) (SC SH)	0.163	China
Chengdu Kanghong Pharmace	0.114	China	China Yangtze Power (A) (	0.256	China	CSN Mineracao	0.109	Brazil
Chicony Electronics	0.152	Taiwan	Chongqing Rural Commercia	0.155	China	CTBC Financial Holding	0.669	Taiwan
China Airlines	0.252	Taiwan	Chunghwa Telecom	0.543	Taiwan	Dabur India Ltd	0.123	India
China Citic Bank (H)	0.366	China	Cia Cervcerias Unidas	0.054	Chile	Datang International Powe	0.026	China
China Coal Energy (H)	0.186	China	Cia Paranaense de Energia	0.206	Brazil	Digital Telecommunication	0.100	Thailand
China Communications Serv	0.158	China	CIMB Group Holdings	0.342	Malaysia	Divis Laboratories	0.238	India



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Dogan Holding	0.190	Turkey	Engie Brasil	0.117	Brazil	Gerdau PN	0.180	Brazil
Dogus Otomotiv Servis	0.148	Turkey	Enka Insaat	0.241	Turkey	Giant Manufacturing	0.126	Taiwan
Dr Reddys Laboratories	0.301	India	ENN Energy Holdings (P Ch	0.245	China	Glenmark Pharmaceuticals	0.068	India
Dr. Sulaiman Al Habib Med	0.129	Saudi Arabia	ENN Natural Gas (A) (SC S	0.100	China	Globe Telecom	0.048	Philippines
Dubai Electricity and Wat	0.103	United Arab Em	Etihad Etisalat Co	0.331	Saudi Arabia	GPS Participacoes e Empre	0.089	Brazil
Dubai Islamic Bank	0.286	United Arab Em	Eurobank Ergasias Service	0.152	Greece	Great Wall Motor Company	0.291	China
E.Sun Financial Holding	0.219	Taiwan	EVA Airways	0.287	Taiwan	Gree Electric Appliances	0.156	China
Eclat Textile	0.214	Taiwan	Evergreen Marine	0.337	Taiwan	Gruma SA B	0.249	Mexico
Eczacibasi Ilac	0.180	Turkey	Exxaro Resources	0.226	South Africa	Grupo Aeroportuario del C	0.232	Mexico
Ege Endustri	0.010	Turkey	Falabella	0.166	Chile	Grupo Aeroportuario del S	0.316	Mexico
El Puerto de Liverpool SA	0.114	Mexico	Far EasTone Telecommunica	0.266	Taiwan	Grupo Banorte O	0.632	Mexico
Electricity Generating	0.049	Thailand	Femsa UBD	0.403	Mexico	Grupo Bimbo S.A.B. de C.V	0.066	Mexico
Elm	0.385	Saudi Arabia	Feng TAY Enterprise	0.138	Taiwan	Grupo Carso SAB de CV	0.119	Mexico
Emaar Development PJSC	0.319	United Arab Em	Fibra Uno Administracion	0.210	Mexico	Grupo Mateus	0.055	Brazil
Emaar Properties	0.405	United Arab Em	First Financial Holding	0.366	Taiwan	Grupo Mexico	0.444	Mexico
Embotelladora Andina B	0.151	Chile	Ford Otosan	0.220	Turkey	Guangdong Baolihua New En	0.111	China
EMBRAER SA	0.361	Brazil	Formosa Taffeta	0.062	Taiwan	Guangdong South New Media	0.091	China
Emirates NBD PJSC	0.168	United Arab Em	Foxconn Industrial Intern	0.156	China	Guangxi Guiguan Electric	0.117	China
Emirates Telecommunicatio	0.185	United Arab Em	Fubon Financial Holdings	0.261	Taiwan	Guangxi Liugong Machinery	0.130	China
Empresas CMPC S.A.	0.017	Chile	Fujian Nanfang Textile (A	0.104	China	Guangzhou Baiyunshan Phar	0.012	China
Enel Americas S.A.	0.068	Chile	Gail India	0.077	India	Gudang Garam	0.030	Indonesia
Enel Chile SA	0.145	Chile	GD Power Development (A)	0.162	China	Haci Omer Sabanci Holding	0.263	Turkey
Energisa S/A	0.114	Brazil	Genting	0.125	Malaysia	Haitian International Hol	0.088	China
Enerjisa Enerji	0.117	Turkey	Genting Malaysia BHD	0.118	Malaysia	Harmony	0.289	South Africa



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HCL Technologies	0.500	India	Indian Oil	0.215	India	Jiangsu Expressway (A) (S	0.131	China
Heilongjiang Agriculture	0.166	China	Indofood Sukses Makmur	0.221	Indonesia	Jiangsu Phoenix Publishin	0.098	China
Hellenic Telecom	0.265	Greece	Indorama Ventures	0.130	Thailand	Jiangsu Yuyue Medical Equ	0.140	China
Helleniq Energy Holdings	0.081	Greece	Indus Towers	0.149	India	Jiangsu Zhongtian Technol	0.118	China
Henan Shuanghui Investmen	0.019	China	Industrial and Commercial	0.545	China	Jindal Steel & Power	0.094	India
Hengan Intl Group (P Chip	0.007	China	Industries Qatar	0.297	Qatar	Joincare Pharmaceutical (	0.090	China
Hindalco	0.068	India	Infosys	1.572	India	JSW Steel	0.129	India
Hindustan Petroleum	0.134	India	Inner Mongolia Dian Tou E	0.204	China	JUMBO SA	0.223	Greece
Hindustan Unilever	0.744	India	Inner Mongolia Eerduosi R	0.081	China	Kalbe Farma	0.012	Indonesia
Hindustan Zinc	0.067	India	Inner Mongolia Mengdian P	0.106	China	Kimberly Clark Mex A	0.192	Mexico
Hla Corp (A) (SC SH)	0.141	China	Inner Mongolia Yitai Coal	0.245	China	Kingclean Electric (A) (S	0.022	China
Hong Leong Financial Grou	0.020	Malaysia	International Games Syste	0.226	Taiwan	Klabin SA	0.177	Brazil
Hua Xia Bank (A) (SC SH)	0.155	China	Intouch Holdings	0.151	Thailand	KOC Holdings A.S	0.275	Turkey
Huadian Power Internation	0.147	China	Investec Ltd	0.188	South Africa	Konya Cimento	0.029	Turkey
Huaibei Mining Holdings (	0.109	China	Is Gayrimenkul Yatirim Or	0.059	Turkey	Krung Thai Bank	0.262	Thailand
Huaihe Energy Group (A) (	0.113	China	Is Yatirim Menkul Degerle	0.195	Turkey	Kuala Lumpur Kepong	0.110	Malaysia
Huapont Life Sciences (A)	0.092	China	Isa Energia Brasil SA	0.160	Brazil	Kumba Iron Ore	0.125	South Africa
Huaxin Cement (H)	0.059	China	Itau Unibanco Holding SA	0.673	Brazil	Kunlun Energy (Red Chip)	0.193	China
Huayu Automotive Systems	0.072	China	Itausa PN	0.376	Brazil	Lao Feng Xiang (A) (SC SH	0.089	China
Hubei Jumpcan Pharmaceuti	0.171	China	ITC	0.610	India	Latam Airlines Group SA	0.161	Chile
Hypera SA	0.123	Brazil	Jamjoom Pharmaceuticals F	0.127	Saudi Arabia	Leejam Sports Company	0.129	Saudi Arabia
ICICI Lombard General Ins	0.026	India	Jarir Marketing Co	0.076	Saudi Arabia	Li Ning (P Chip)	0.011	China
IHH Healthcare	0.108	Malaysia	JBS S/A Ord	0.350	Brazil	Livzon Pharmaceutical Inc	0.112	China
Impala Platinum Hlds	0.188	South Africa	Jiangling Motors (A) (SC	0.120	China	Lojas Renner S.A.	0.132	Brazil



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Luberef	0.172	Saudi Arabia	Mphasis	0.007	India	Ooredoo QSC	0.275	Qatar
M. Dias Branco Industria	0.062	Brazil	Mr Price Group	0.288	South Africa	OPAP	0.263	Greece
Magyar Telekom Telecommun	0.142	Hungary	MTN Group	0.326	South Africa	Orbia Advance Corporation	0.070	Mexico
Malayan Banking	0.387	Malaysia	MultiChoice Group	0.075	South Africa	Osotspa	0.063	Thailand
Manila Electric	0.198	Philippines	Nanjing Iron & Steel (A)	0.128	China	Oyak Cimento Fabrikalari	0.186	Turkey
Marfrig Global Foods S.A.	0.184	Brazil	Naspers	0.497	South Africa	Pegasus Hava Tasimaciligi	0.214	Turkey
Mavi Giyim Sanayi ve Tica	0.179	Turkey	National Bank of Greece S	0.181	Greece	Pepkor Holdings Ltd	0.172	South Africa
Maxis Bhd	0.175	Malaysia	National Bank of Kuwait	0.307	Kuwait	Perusahaan Gas Negara	0.163	Indonesia
MediaTek	0.286	Taiwan	National Marine Dredging	0.213	United Arab Em	Petrobras PN	0.969	Brazil
Mega Financial Holding	0.529	Taiwan	Nedbank Group	0.336	South Africa	PetroChina (A) (SC SH)	0.182	China
Megacable Holdings SAB	0.093	Mexico	Neoenergia	0.112	Brazil	PETRONAS Chemicals Group	0.179	Malaysia
MeiHua Holdings Group (A)	0.114	China	NEPI Rockcastle N.V.	0.294	South Africa	Petronas Gas	0.257	Malaysia
Mesaieed Petrochemical Ho	0.049	Qatar	Nestle India	0.267	India	Petronet LNG	0.119	India
Metalurgica Gerdau S.A. P	0.120	Brazil	NHPC	0.107	India	Piraeus Financial Holding	0.220	Greece
Metlen Energy & Metals	0.213	Greece	Nien Made Enterprise	0.199	Taiwan	Piramal Enterprises	0.015	India
Mia Teknoloji AS	0.044	Turkey	Ningbo Sanxing Electric (	0.189	China	PLDT	0.093	Philippines
Migros Ticaret A.S	0.236	Turkey	NMDC	0.171	India	Porto Seguro	0.129	Brazil
Minor International	0.046	Thailand	Novatek Microelectronics	0.089	Taiwan	Pou Chen	0.231	Taiwan
MLP Saglik Hizmetleri AS	0.212	Turkey	NTPC	0.361	India	Power Grid Corp of India	0.283	India
Mobile Telecommunications	0.248	Kuwait	Nuh Cimento	0.136	Turkey	Powertech Technology	0.138	Taiwan
MOL	0.174	Hungary	ODAS Elektrik Uretim Sana	0.065	Turkey	PPB Group	0.170	Malaysia
Moneta Money Bank	0.109	Czech Republic	Offshore Oil Engineering	0.070	China	President Chain Store	0.295	Taiwan
Motor Oil (Hellas)	0.196	Greece	Oil & Natural Gas	0.227	India	Press Metal Aluminium Hol	0.066	Malaysia
Mouwasat Medical Services	0.007	Saudi Arabia	Oil India Ltd	0.072	India	Prologis Property Mexico	0.154	Mexico

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Promotora y Operadora de	0.223	Mexico	Sahara International Petr	0.134	Saudi Arabia	Shanxi Coking Coal Energy	0.121	China
PT Indofood CBP Sukses Ma	0.175	Indonesia	SAL Saudi Logistics Servi	0.086	Saudi Arabia	Shenergy (A) (SC SH)	0.125	China
PTT	0.487	Thailand	Salik Company PJSC	0.258	United Arab Em	Shenzhen Aisidi (A) (SC S	0.188	China
PTT Exploration & Product	0.293	Thailand	Santos Brasil Participaco	0.126	Brazil	Shenzhen Expressway (A) (	0.131	China
Public Power Corp	0.189	Greece	Sao Martinho SA ON	0.105	Brazil	Shenzhen Transssion Holdin	0.032	China
Puregold Price Club	0.013	Philippines	Sarana Menara Nusantara	0.019	Indonesia	Shoprite	0.256	South Africa
Qatar Electricity & Water	0.180	Qatar	Saudi Arabian Mining	0.049	Saudi Arabia	Sibanye Stillwater	0.080	South Africa
Qatar Fuel (Woqod) Q.S.C.	0.080	Qatar	Saudi Aramco	0.736	Saudi Arabia	Sichuan Biokin Pharmaceut	0.125	China
Qatar Gas Transport Co Na	0.270	Qatar	Saudi Cement	0.125	Saudi Arabia	Sichuan Kelun Pharmaceuti	0.114	China
Qatar International Islam	0.052	Qatar	Saudi Investment Bank	0.054	Saudi Arabia	Sime Darby	0.135	Malaysia
Qatar National Navigation	0.155	Qatar	Saudi Telecom Co	0.682	Saudi Arabia	Sinoma International Engi	0.057	China
Qingdao Port Internationa	0.165	China	SD Guthrie	0.052	Malaysia	SinoPac Financial Holding	0.387	Taiwan
Qinhuangdao Port (A) (SC	0.108	China	Shaanxi Coal Industry (A)	0.241	China	Sinopharm Group (H)	0.131	China
Qualitas Controladora SAB	0.139	Mexico	Shandong Dong-E E-Jiao(A)	0.123	China	Sinotrans (A) (SC SH)	0.097	China
Ratch Group	0.003	Thailand	Shandong Nanshan Aluminiu	0.119	China	Sinotruk Hong Kong (Red C	0.225	China
REC	0.277	India	Shandong Publishing & Med	0.152	China	SLC Agricola SA	0.108	Brazil
Rede D Or Sao Luiz	0.174	Brazil	Shandong Weigao Group Med	0.006	China	Sok Marketler Ticaret AS	0.136	Turkey
Reliance Industries	0.702	India	Shanghai Huayi Group (A)	0.107	China	Steel Authority of India	0.059	India
RHB Bank	0.166	Malaysia	Shanghai International Po	0.113	China	Sumber Alfaria Trijaya	0.096	Indonesia
Richter	0.272	Hungary	Shanghai Mechanical and E	0.114	China	Sun Pharmaceuticals Indus	0.357	India
Riyadh Cables Group Compa	0.190	Saudi Arabia	Shanghai Pharmaceuticals	0.017	China	Suzano SA (ON)	0.099	Brazil
Rumo S.A.	0.046	Brazil	Shanghai Rural Commercial	0.171	China	Suzlon Energy	0.059	India
Sabesp ON	0.341	Brazil	Shanghai Tunnel Engineeri	0.133	China	T.Garanti Bankasi	0.073	Turkey
SABIC Agri-Nutrients Co	0.255	Saudi Arabia	Shanxi Coal International	0.060	China	Taiwan Cooperative Financ	0.184	Taiwan



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Taiwan Fertilizer	0.186	Taiwan	TMBThanachart Bank	0.160	Thailand	Vale SA	0.980	Brazil
Taiwan Mobile	0.326	Taiwan	Torrent Power	0.090	India	Vedanta	0.234	India
Taiwan Semiconductor Manu	1.886	Taiwan	Torunlar Gayrimenkul Yati	0.210	Turkey	Vibra Energia SA	0.162	Brazil
Tambang Batubara Bukit As	0.144	Indonesia	Totvs S/A Ord	0.181	Brazil	Vodacom Group	0.207	South Africa
Tangshan Port Group (A) (	0.190	China	Transmissora Alianca de E	0.148	Brazil	Wal-Mart de Mexico S.A.B.	0.509	Mexico
Tasly Pharmaceutical Grou	0.105	China	Triangle Tyre (A) (SC SH)	0.108	China	Wang Xiang Qianchao(A) (S	0.193	China
Tata Consultancy Services	0.844	India	TRUE	0.172	Thailand	WEG Ord	0.435	Brazil
Tata Motors	0.363	India	Tupras (T Petr Raf)	0.259	Turkey	Woolworths Holdings	0.239	South Africa
Tata Power	0.317	India	Turk Hava Yollari	0.284	Turkey	Wuliangye Yibin (A) (SC S	0.236	China
Tata Steel	0.274	India	Turk Telekomunikasyon AS	0.186	Turkey	Xinhua Winshare Publishin	0.175	China
TAV Havalimanlari Holding	0.213	Turkey	Turk Traktor Ve Ziraat Ma	0.172	Turkey	Xinyangfeng Agricultural	0.110	China
Tekfen Holding	0.182	Turkey	Turkcell Iletisim Hizmet	0.263	Turkey	XL Axiata	0.110	Indonesia
TELEF BRASIL	0.240	Brazil	Turkiye Is Bankasi (C)	0.235	Turkey	Yanbu National Petrochemi	0.052	Saudi Arabia
Telekom Malaysia	0.208	Malaysia	Ulker Biskuvi Sanayi	0.151	Turkey	Yang Ming Marine Transpor	0.054	Taiwan
Telekomunikasi Indonesia	0.306	Indonesia	Uni-President China Holdi	0.072	China	Yangzijiang Shipbuilding	0.339	China
Tenaga Nasional	0.476	Malaysia	Uni-president Enterprises	0.472	Taiwan	Yankuang Energy Group (H)	0.222	China
Thai Oil	0.095	Thailand	Unilever Indonesia	0.063	Indonesia	Yapi Ve Kredi Bankasi	0.247	Turkey
Thai Union Group	0.052	Thailand	Union Bank Of India	0.054	India	Yintai Gold (A) (SC SZ)	0.160	China
The Foschini Group Ltd	0.205	South Africa	United Breweries	0.022	India	Youngor Group (A) (SC SH)	0.161	China
Tiandi Science & Technolo	0.152	China	United Electronics Co	0.064	Saudi Arabia	YTL Corp	0.216	Malaysia
Tianjin Port (Group) (A)	0.116	China	United Tractors	0.153	Indonesia	YTL Power International	0.251	Malaysia
Tiger Brands	0.195	South Africa	UPL	0.024	India	Yuanta Financial Holding	0.480	Taiwan
Tim SA	0.198	Brazil	Usiminas PN A	0.057	Brazil	Yunnan Baiyao Group (A) (	0.083	China
Titan	0.125	India	Vale Indonesia	0.041	Indonesia	Yunnan Yuntianhua (A) (SC	0.123	China



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Yutong Bus (A) (SC SH)	0.220	China
Zhejiang Expressway (H)	0.111	China
Zhejiang Semir Garment (A)	0.029	China
Zhejiang Zheneng Electric	0.102	China
Zhengzhou Coal Mining Mac	0.034	China
Zhongjin Gold (A) (SC SH)	0.113	China
Zoomlion Heavy Industry S	0.020	China
Zorlu Enerji Elektrik Ure	0.158	Turkey
Zydus Lifesciences	0.070	India





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# ESMA Compliance Quarterly Membership Weights

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