

Zug, December 02<sup>nd</sup>, 2019

## STOXX Changes Composition of Benchmark Indices effective December 23<sup>rd</sup>, 2019

Dear Sir and Madam,

STOXX Ltd., the operator of Deutsche Boerse Group's index business and a global provider of innovative and tradable index concepts, today announced the new composition of Benchmark Indices as part of the regular quarterly review effective on December 23<sup>rd</sup>, 2019.

Index_Name	Changes	ISIN	Instrument_Name
STOXX Europe 600 ex Eurozone	Addition	GB00B1H0DZ51	TP ICAP
STOXX Europe 600 ex Eurozone	Addition	SE0012673267	EVOLUTION GAMING GROUP
STOXX Europe 600 ex Eurozone	Addition	GB00BDD85M81	AVAST PLC
STOXX Europe 600 ex Eurozone	Addition	CH0435377954	SIG COMBIBLOC GROUP AG
STOXX Europe 600 ex Eurozone	Addition	GB00BH3VJ782	NETWORK INTERNATIONAL HOLDINGS
STOXX Europe 600 ex Eurozone	Addition	SE0012853455	EQT
STOXX Europe 600 ex Eurozone	Deletion	PLPGNIG00014	POLISH OIL AND GAS
STOXX Europe 600 ex Eurozone	Deletion	CH0002432174	BUCHER INDUSTRIES
STOXX Europe 600 ex Eurozone	Deletion	CH0038389992	BB BIOTECH
STOXX Europe 600 ex Eurozone	Deletion	GB0000961622	BALFOUR BEATTY
STOXX Global 1800 ex France	Addition	GB00B1H0DZ51	TP ICAP
STOXX Global 1800 ex France	Addition	US40171V1008	GUIDEWIRE SOFTWARE
STOXX Global 1800 ex France	Addition	SE0012673267	EVOLUTION GAMING GROUP
STOXX Global 1800 ex France	Addition	DE000A161408	HELLOFRESH AG
STOXX Global 1800 ex France	Addition	GB00BDD85M81	AVAST PLC
STOXX Global 1800 ex France	Addition	US2561631068	DOCUSIGN
STOXX Global 1800 ex France	Addition	CH0435377954	SIG COMBIBLOC GROUP AG
STOXX Global 1800 ex France	Addition	KYG1146Y1017	BEIGENE
STOXX Global 1800 ex France	Addition	KYG711391022	PING AN HEALTHCARE AND TECH CO
STOXX Global 1800 ex France	Addition	GB00BH3VJ782	NETWORK INTERNATIONAL HOLDINGS
STOXX Global 1800 ex France	Addition	SE0012853455	EQT
STOXX Global 1800 ex France	Deletion	LU0061462528	RTL GRP
STOXX Global 1800 ex France	Deletion	PLPGNIG00014	POLISH OIL AND GAS
STOXX Global 1800 ex France	Deletion	FI0009005870	KONECRANES
STOXX Global 1800 ex France	Deletion	DE000A0LD6E6	GERRESHEIMER
STOXX Global 1800 ex France	Deletion	CH0002432174	BUCHER INDUSTRIES
STOXX Global 1800 ex France	Deletion	CH0038389992	BB BIOTECH
STOXX Global 1800 ex France	Deletion	GB0000961622	BALFOUR BEATTY
STOXX Global 1800 ex France	Deletion	CA2925051047	EnCana Corp.

STOXX Global 1800 ex France	Deletion	AU000000FLT9	FLIGHT CENTRE TRAVEL GROUP
STOXX Global 1800 ex France	Deletion	AU000000NEC4	NINE ENTERTAINMENT
STOXX Global 1800 ex France	Deletion	US94419L1017	WAYFAIR CL.A
STOXX Global 1800 ex Germany	Addition	GB00B1H0DZ51	TP ICAP
STOXX Global 1800 ex Germany	Addition	US40171V1008	GUIDEWIRE SOFTWARE
STOXX Global 1800 ex Germany	Addition	SE0012673267	EVOLUTION GAMING GROUP
STOXX Global 1800 ex Germany	Addition	GB00BDD85M81	AVAST PLC
STOXX Global 1800 ex Germany	Addition	US2561631068	DOCUSIGN
STOXX Global 1800 ex Germany	Addition	CH0435377954	SIG COMBIBLOC GROUP AG
STOXX Global 1800 ex Germany	Addition	KYG1146Y1017	BEIGENE
STOXX Global 1800 ex Germany	Addition	KYG711391022	PING AN HEALTHCARE AND TECH CO NETWORK INTERNATIONAL HOLDINGS
STOXX Global 1800 ex Germany	Addition	GB00BH3VJ782	EQT
STOXX Global 1800 ex Germany	Addition	SE0012853455	RTL GRP
STOXX Global 1800 ex Germany	Deletion	LU0061462528	POLISH OIL AND GAS
STOXX Global 1800 ex Germany	Deletion	PLPGNIG00014	KONECRANES
STOXX Global 1800 ex Germany	Deletion	FI0009005870	BUCHER INDUSTRIES
STOXX Global 1800 ex Germany	Deletion	CH0002432174	BB BIOTECH
STOXX Global 1800 ex Germany	Deletion	GB0000961622	BALFOUR BEATTY
STOXX Global 1800 ex Germany	Deletion	CA2925051047	EnCana Corp.
STOXX Global 1800 ex Germany	Deletion	AU000000FLT9	FLIGHT CENTRE TRAVEL GROUP
STOXX Global 1800 ex Germany	Deletion	AU000000NEC4	NINE ENTERTAINMENT
STOXX Global 1800 ex Germany	Deletion	US94419L1017	WAYFAIR CL.A
STOXX Global 1800 ex Japan	Addition	GB00B1H0DZ51	TP ICAP
STOXX Global 1800 ex Japan	Addition	US40171V1008	GUIDEWIRE SOFTWARE
STOXX Global 1800 ex Japan	Addition	SE0012673267	EVOLUTION GAMING GROUP
STOXX Global 1800 ex Japan	Addition	DE000A161408	HELLOFRESH AG
STOXX Global 1800 ex Japan	Addition	GB00BDD85M81	AVAST PLC
STOXX Global 1800 ex Japan	Addition	US2561631068	DOCUSIGN
STOXX Global 1800 ex Japan	Addition	CH0435377954	SIG COMBIBLOC GROUP AG
STOXX Global 1800 ex Japan	Addition	KYG1146Y1017	BEIGENE
STOXX Global 1800 ex Japan	Addition	KYG711391022	PING AN HEALTHCARE AND TECH CO NETWORK INTERNATIONAL HOLDINGS
STOXX Global 1800 ex Japan	Addition	GB00BH3VJ782	EQT
STOXX Global 1800 ex Japan	Addition	SE0012853455	RTL GRP
STOXX Global 1800 ex Japan	Deletion	LU0061462528	POLISH OIL AND GAS
STOXX Global 1800 ex Japan	Deletion	PLPGNIG00014	KONECRANES
STOXX Global 1800 ex Japan	Deletion	FI0009005870	GERRESHEIMER
STOXX Global 1800 ex Japan	Deletion	DE000A0LD6E6	BUCHER INDUSTRIES
STOXX Global 1800 ex Japan	Deletion	CH0002432174	BB BIOTECH
STOXX Global 1800 ex Japan	Deletion	GB0000961622	BALFOUR BEATTY
STOXX Global 1800 ex Japan	Deletion	CA2925051047	EnCana Corp.
STOXX Global 1800 ex Japan	Deletion	AU000000FLT9	FLIGHT CENTRE TRAVEL GROUP

STOXX Global 1800 ex Japan	Deletion	AU000000NEC4	NINE ENTERTAINMENT
STOXX Global 1800 ex Japan	Deletion	US94419L1017	WAYFAIR CL.A
STOXX Global 1800 ex UK	Addition	US40171V1008	GUIDEWIRE SOFTWARE
STOXX Global 1800 ex UK	Addition	SE0012673267	EVOLUTION GAMING GROUP
STOXX Global 1800 ex UK	Addition	DE000A161408	HELLOFRESH AG
STOXX Global 1800 ex UK	Addition	US2561631068	DOCUSIGN
STOXX Global 1800 ex UK	Addition	CH0435377954	SIG COMBIBLOC GROUP AG
STOXX Global 1800 ex UK	Addition	KYG1146Y1017	BEIGENE
STOXX Global 1800 ex UK	Addition	KYG711391022	PING AN HEALTHCARE AND TECH CO
STOXX Global 1800 ex UK	Addition	SE0012853455	EQT
STOXX Global 1800 ex UK	Deletion	LU0061462528	RTL GRP
STOXX Global 1800 ex UK	Deletion	PLPGNIG00014	POLISH OIL AND GAS
STOXX Global 1800 ex UK	Deletion	FI0009005870	KONECRANES
STOXX Global 1800 ex UK	Deletion	DE000A0LD6E6	GERRESHEIMER
STOXX Global 1800 ex UK	Deletion	CH0002432174	BUCHER INDUSTRIES
STOXX Global 1800 ex UK	Deletion	CH0038389992	BB BIOTECH
STOXX Global 1800 ex UK	Deletion	CA2925051047	EnCana Corp.
STOXX Global 1800 ex UK	Deletion	AU000000FLT9	FLIGHT CENTRE TRAVEL GROUP
STOXX Global 1800 ex UK	Deletion	AU000000NEC4	NINE ENTERTAINMENT
STOXX Global 1800 ex UK	Deletion	US94419L1017	WAYFAIR CL.A
STOXX Global 1800 ex USA	Addition	GB00B1H0DZ51	TP ICAP
STOXX Global 1800 ex USA	Addition	SE0012673267	EVOLUTION GAMING GROUP
STOXX Global 1800 ex USA	Addition	DE000A161408	HELLOFRESH AG
STOXX Global 1800 ex USA	Addition	GB00BDD85M81	AVAST PLC
STOXX Global 1800 ex USA	Addition	CH0435377954	SIG COMBIBLOC GROUP AG
STOXX Global 1800 ex USA	Addition	KYG1146Y1017	BEIGENE
STOXX Global 1800 ex USA	Addition	KYG711391022	PING AN HEALTHCARE AND TECH CO
STOXX Global 1800 ex USA	Addition	GB00BH3VJ782	NETWORK INTERNATIONAL HOLDINGS
STOXX Global 1800 ex USA	Addition	SE0012853455	EQT
STOXX Global 1800 ex USA	Deletion	LU0061462528	RTL GRP
STOXX Global 1800 ex USA	Deletion	PLPGNIG00014	POLISH OIL AND GAS
STOXX Global 1800 ex USA	Deletion	FI0009005870	KONECRANES
STOXX Global 1800 ex USA	Deletion	DE000A0LD6E6	GERRESHEIMER
STOXX Global 1800 ex USA	Deletion	CH0002432174	BUCHER INDUSTRIES
STOXX Global 1800 ex USA	Deletion	CH0038389992	BB BIOTECH
STOXX Global 1800 ex USA	Deletion	GB0000961622	BALFOUR BEATTY
STOXX Global 1800 ex USA	Deletion	CA2925051047	EnCana Corp.
STOXX Global 1800 ex USA	Deletion	AU000000FLT9	FLIGHT CENTRE TRAVEL GROUP
STOXX Global 1800 ex USA	Deletion	AU000000NEC4	NINE ENTERTAINMENT
STOXX Global 1800 ex Switzerland	Addition	GB00B1H0DZ51	TP ICAP
STOXX Global 1800 ex Switzerland	Addition	US40171V1008	GUIDEWIRE SOFTWARE
STOXX Global 1800 ex Switzerland	Addition	SE0012673267	EVOLUTION GAMING GROUP
STOXX Global 1800 ex Switzerland	Addition	DE000A161408	HELLOFRESH AG
STOXX Global 1800 ex Switzerland	Addition	GB00BDD85M81	AVAST PLC

STOXX Global 1800 ex Switzerland	Addition	US2561631068	DOCUSIGN
STOXX Global 1800 ex Switzerland	Addition	KYG1146Y1017	BEIGENE
STOXX Global 1800 ex Switzerland	Addition	KYG711391022	PING AN HEALTHCARE AND TECH CO
STOXX Global 1800 ex Switzerland	Addition	GB00BH3VJ782	NETWORK INTERNATIONAL HOLDINGS
STOXX Global 1800 ex Switzerland	Addition	SE0012853455	EQT
STOXX Global 1800 ex Switzerland	Deletion	LU0061462528	RTL GRP
STOXX Global 1800 ex Switzerland	Deletion	PLPGNIG00014	POLISH OIL AND GAS
STOXX Global 1800 ex Switzerland	Deletion	FI0009005870	KONECRANES
STOXX Global 1800 ex Switzerland	Deletion	DE000A0LD6E6	GERRESHEIMER
STOXX Global 1800 ex Switzerland	Deletion	GB0000961622	BALFOUR BEATTY
STOXX Global 1800 ex Switzerland	Deletion	CA2925051047	EnCana Corp.
STOXX Global 1800 ex Switzerland	Deletion	AU000000FLT9	FLIGHT CENTRE TRAVEL GROUP
STOXX Global 1800 ex Switzerland	Deletion	AU000000NEC4	NINE ENTERTAINMENT
STOXX Global 1800 ex Switzerland	Deletion	US94419L1017	WAYFAIR CL.A
STOXX North America 600	Addition	US40171V1008	GUIDEWIRE SOFTWARE
STOXX North America 600	Addition	US2561631068	DOCUSIGN
STOXX North America 600	Deletion	CA2925051047	EnCana Corp.
STOXX North America 600	Deletion	US94419L1017	WAYFAIR CL.A
STOXX Global 1800 ex Europe	Addition	US40171V1008	GUIDEWIRE SOFTWARE
STOXX Global 1800 ex Europe	Addition	US2561631068	DOCUSIGN
STOXX Global 1800 ex Europe	Addition	KYG1146Y1017	BEIGENE
STOXX Global 1800 ex Europe	Addition	KYG711391022	PING AN HEALTHCARE AND TECH CO
STOXX Global 1800 ex Europe	Deletion	CA2925051047	EnCana Corp.
STOXX Global 1800 ex Europe	Deletion	AU000000FLT9	FLIGHT CENTRE TRAVEL GROUP
STOXX Global 1800 ex Europe	Deletion	AU000000NEC4	NINE ENTERTAINMENT
STOXX Global 1800 ex Europe	Deletion	US94419L1017	WAYFAIR CL.A
STOXX Global 1800 ex Canada	Addition	GB00B1H0DZ51	TP ICAP
STOXX Global 1800 ex Canada	Addition	US40171V1008	GUIDEWIRE SOFTWARE
STOXX Global 1800 ex Canada	Addition	SE0012673267	EVOLUTION GAMING GROUP
STOXX Global 1800 ex Canada	Addition	DE000A161408	HELLOFRESH AG
STOXX Global 1800 ex Canada	Addition	GB00BDD85M81	AVAST PLC
STOXX Global 1800 ex Canada	Addition	US2561631068	DOCUSIGN
STOXX Global 1800 ex Canada	Addition	CH0435377954	SIG COMBIBLOC GROUP AG
STOXX Global 1800 ex Canada	Addition	KYG1146Y1017	BEIGENE
STOXX Global 1800 ex Canada	Addition	KYG711391022	PING AN HEALTHCARE AND TECH CO
STOXX Global 1800 ex Canada	Addition	GB00BH3VJ782	NETWORK INTERNATIONAL HOLDINGS
STOXX Global 1800 ex Canada	Addition	SE0012853455	EQT
STOXX Global 1800 ex Canada	Deletion	LU0061462528	RTL GRP
STOXX Global 1800 ex Canada	Deletion	PLPGNIG00014	POLISH OIL AND GAS
STOXX Global 1800 ex Canada	Deletion	FI0009005870	KONECRANES
STOXX Global 1800 ex Canada	Deletion	DE000A0LD6E6	GERRESHEIMER
STOXX Global 1800 ex Canada	Deletion	CH0002432174	BUCHER INDUSTRIES
STOXX Global 1800 ex Canada	Deletion	CH0038389992	BB BIOTECH

STOXX Global 1800 ex Canada	Deletion	GB0000961622	BALFOUR BEATTY
STOXX Global 1800 ex Canada	Deletion	AU000000FLT9	FLIGHT CENTRE TRAVEL GROUP
STOXX Global 1800 ex Canada	Deletion	AU000000NEC4	NINE ENTERTAINMENT
STOXX Global 1800 ex Canada	Deletion	US94419L1017	WAYFAIR CL.A
STOXX Europe 600	Addition	GB00B1H0DZ51	TP ICAP
STOXX Europe 600	Addition	SE0012673267	EVOLUTION GAMING GROUP
STOXX Europe 600	Addition	DE000A161408	HELLOFRESH AG
STOXX Europe 600	Addition	GB00BDD85M81	AVAST PLC
STOXX Europe 600	Addition	CH0435377954	SIG COMBIBLOC GROUP AG
STOXX Europe 600	Addition	GB00BH3VJ782	NETWORK INTERNATIONAL HOLDINGS
STOXX Europe 600	Addition	SE0012853455	EQT
STOXX Europe 600	Deletion	LU0061462528	RTL GRP
STOXX Europe 600	Deletion	PLPGNIG00014	POLISH OIL AND GAS
STOXX Europe 600	Deletion	FI0009005870	KONECRANES
STOXX Europe 600	Deletion	DE000A0LD6E6	GERRESHEIMER
STOXX Europe 600	Deletion	CH0002432174	BUCHER INDUSTRIES
STOXX Europe 600	Deletion	CH0038389992	BB BIOTECH
STOXX Europe 600	Deletion	GB0000961622	BALFOUR BEATTY
STOXX Asia/Pacific 600	Addition	KYG1146Y1017	BEIGENE
STOXX Asia/Pacific 600	Addition	KYG711391022	PING AN HEALTHCARE AND TECH CO
STOXX Asia/Pacific 600	Deletion	AU000000FLT9	FLIGHT CENTRE TRAVEL GROUP
STOXX Asia/Pacific 600	Deletion	AU000000NEC4	NINE ENTERTAINMENT
STOXX Europe 600 ex UK	Addition	SE0012673267	EVOLUTION GAMING GROUP
STOXX Europe 600 ex UK	Addition	DE000A161408	HELLOFRESH AG
STOXX Europe 600 ex UK	Addition	CH0435377954	SIG COMBIBLOC GROUP AG
STOXX Europe 600 ex UK	Addition	SE0012853455	EQT
STOXX Europe 600 ex UK	Deletion	LU0061462528	RTL GRP
STOXX Europe 600 ex UK	Deletion	PLPGNIG00014	POLISH OIL AND GAS
STOXX Europe 600 ex UK	Deletion	FI0009005870	KONECRANES
STOXX Europe 600 ex UK	Deletion	DE000A0LD6E6	GERRESHEIMER
STOXX Europe 600 ex UK	Deletion	CH0002432174	BUCHER INDUSTRIES
STOXX Europe 600 ex UK	Deletion	CH0038389992	BB BIOTECH
STOXX Nordic	Addition	SE0012673267	EVOLUTION GAMING GROUP
STOXX Nordic	Addition	SE0012853455	EQT
STOXX Nordic	Deletion	FI0009005870	KONECRANES
STOXX Global 1800	Addition	GB00B1H0DZ51	TP ICAP
STOXX Global 1800	Addition	US40171V1008	GUIDEWIRE SOFTWARE
STOXX Global 1800	Addition	SE0012673267	EVOLUTION GAMING GROUP
STOXX Global 1800	Addition	DE000A161408	HELLOFRESH AG
STOXX Global 1800	Addition	GB00BDD85M81	AVAST PLC
STOXX Global 1800	Addition	US2561631068	DOCUSIGN
STOXX Global 1800	Addition	CH0435377954	SIG COMBIBLOC GROUP AG
STOXX Global 1800	Addition	KYG1146Y1017	BEIGENE
STOXX Global 1800	Addition	KYG711391022	PING AN HEALTHCARE AND TECH CO



STOXX Global 1800	Addition	GB00BH3VJ782	NETWORK INTERNATIONAL HOLDINGS
STOXX Global 1800	Addition	SE0012853455	EQT
STOXX Global 1800	Deletion	LU0061462528	RTL GRP
STOXX Global 1800	Deletion	PLPGNIG00014	POLISH OIL AND GAS
STOXX Global 1800	Deletion	FI0009005870	KONECRANES
STOXX Global 1800	Deletion	DE000A0LD6E6	GERRESHEIMER
STOXX Global 1800	Deletion	CH0002432174	BUCHER INDUSTRIES
STOXX Global 1800	Deletion	CH0038389992	BB BIOTECH
STOXX Global 1800	Deletion	GB0000961622	BALFOUR BEATTY
STOXX Global 1800	Deletion	CA2925051047	EnCana Corp.
STOXX Global 1800	Deletion	AU000000FLT9	FLIGHT CENTRE TRAVEL GROUP
STOXX Global 1800	Deletion	AU000000NEC4	NINE ENTERTAINMENT
STOXX Global 1800	Deletion	US94419L1017	WAYFAIR CL.A
STOXX Global 1800 ex North America	Addition	GB00B1H0DZ51	TP ICAP
STOXX Global 1800 ex North America	Addition	SE0012673267	EVOLUTION GAMING GROUP
STOXX Global 1800 ex North America	Addition	DE000A161408	HELLOFRESH AG
STOXX Global 1800 ex North America	Addition	GB00BDD85M81	AVAST PLC
STOXX Global 1800 ex North America	Addition	CH0435377954	SIG COMBIBLOC GROUP AG
STOXX Global 1800 ex North America	Addition	KYG1146Y1017	BEIGENE
STOXX Global 1800 ex North America	Addition	KYG711391022	PING AN HEALTHCARE AND TECH CO
STOXX Global 1800 ex North America	Addition	GB00BH3VJ782	NETWORK INTERNATIONAL HOLDINGS
STOXX Global 1800 ex North America	Addition	SE0012853455	EQT
STOXX Global 1800 ex North America	Deletion	LU0061462528	RTL GRP
STOXX Global 1800 ex North America	Deletion	PLPGNIG00014	POLISH OIL AND GAS
STOXX Global 1800 ex North America	Deletion	FI0009005870	KONECRANES
STOXX Global 1800 ex North America	Deletion	DE000A0LD6E6	GERRESHEIMER
STOXX Global 1800 ex North America	Deletion	CH0002432174	BUCHER INDUSTRIES
STOXX Global 1800 ex North America	Deletion	CH0038389992	BB BIOTECH
STOXX Global 1800 ex North America	Deletion	GB0000961622	BALFOUR BEATTY
STOXX Global 1800 ex North America	Deletion	AU000000FLT9	FLIGHT CENTRE TRAVEL GROUP
STOXX Global 1800 ex North America	Deletion	AU000000NEC4	NINE ENTERTAINMENT
STOXX Global 1800 ex Asia/Pacific	Addition	GB00B1H0DZ51	TP ICAP
STOXX Global 1800 ex Asia/Pacific	Addition	US40171V1008	GUIDEWIRE SOFTWARE
STOXX Global 1800 ex Asia/Pacific	Addition	SE0012673267	EVOLUTION GAMING GROUP
STOXX Global 1800 ex Asia/Pacific	Addition	DE000A161408	HELLOFRESH AG
STOXX Global 1800 ex Asia/Pacific	Addition	GB00BDD85M81	AVAST PLC
STOXX Global 1800 ex Asia/Pacific	Addition	US2561631068	DOCUSIGN
STOXX Global 1800 ex Asia/Pacific	Addition	CH0435377954	SIG COMBIBLOC GROUP AG
STOXX Global 1800 ex Asia/Pacific	Addition	GB00BH3VJ782	NETWORK INTERNATIONAL HOLDINGS
STOXX Global 1800 ex Asia/Pacific	Addition	SE0012853455	EQT
STOXX Global 1800 ex Asia/Pacific	Deletion	LU0061462528	RTL GRP
STOXX Global 1800 ex Asia/Pacific	Deletion	PLPGNIG00014	POLISH OIL AND GAS

STOXX Global 1800 ex Asia/Pacific	Deletion	FI0009005870	KONECRANES
STOXX Global 1800 ex Asia/Pacific	Deletion	DE000A0LD6E6	GERRESHEIMER
STOXX Global 1800 ex Asia/Pacific	Deletion	CH0002432174	BUCHER INDUSTRIES
STOXX Global 1800 ex Asia/Pacific	Deletion	CH0038389992	BB BIOTECH
STOXX Global 1800 ex Asia/Pacific	Deletion	GB0000961622	BALFOUR BEATTY
STOXX Global 1800 ex Asia/Pacific	Deletion	CA2925051047	EnCana Corp.
STOXX Global 1800 ex Asia/Pacific	Deletion	US94419L1017	WAYFAIR CL.A
STOXX Global 1800 ex Australia	Addition	GB00B1H0DZ51	TP ICAP
STOXX Global 1800 ex Australia	Addition	US40171V1008	GUIDEWIRE SOFTWARE
STOXX Global 1800 ex Australia	Addition	SE0012673267	EVOLUTION GAMING GROUP
STOXX Global 1800 ex Australia	Addition	DE000A161408	HELLOFRESH AG
STOXX Global 1800 ex Australia	Addition	GB00BDD85M81	AVAST PLC
STOXX Global 1800 ex Australia	Addition	US2561631068	DOCUSIGN
STOXX Global 1800 ex Australia	Addition	CH0435377954	SIG COMBIBLOC GROUP AG
STOXX Global 1800 ex Australia	Addition	KYG1146Y1017	BEIGENE
STOXX Global 1800 ex Australia	Addition	KYG711391022	PING AN HEALTHCARE AND TECH CO
			NETWORK INTERNATIONAL
STOXX Global 1800 ex Australia	Addition	GB00BH3VJ782	HOLDINGS
STOXX Global 1800 ex Australia	Addition	SE0012853455	EQT
STOXX Global 1800 ex Australia	Deletion	LU0061462528	RTL GRP
STOXX Global 1800 ex Australia	Deletion	PLPGNIG00014	POLISH OIL AND GAS
STOXX Global 1800 ex Australia	Deletion	FI0009005870	KONECRANES
STOXX Global 1800 ex Australia	Deletion	DE000A0LD6E6	GERRESHEIMER
STOXX Global 1800 ex Australia	Deletion	CH0002432174	BUCHER INDUSTRIES
STOXX Global 1800 ex Australia	Deletion	CH0038389992	BB BIOTECH
STOXX Global 1800 ex Australia	Deletion	GB0000961622	BALFOUR BEATTY
STOXX Global 1800 ex Australia	Deletion	CA2925051047	EnCana Corp.
STOXX Global 1800 ex Australia	Deletion	US94419L1017	WAYFAIR CL.A
STOXX Global 1800 ex Eurozone	Addition	US40171V1008	GUIDEWIRE SOFTWARE
STOXX Global 1800 ex Eurozone	Addition	US2561631068	DOCUSIGN
STOXX Global 1800 ex Eurozone	Addition	KYG1146Y1017	BEIGENE
STOXX Global 1800 ex Eurozone	Addition	KYG711391022	PING AN HEALTHCARE AND TECH CO
STOXX Global 1800 ex Eurozone	Deletion	CA2925051047	EnCana Corp.
STOXX Global 1800 ex Eurozone	Deletion	AU000000FLT9	FLIGHT CENTRE TRAVEL GROUP
STOXX Global 1800 ex Eurozone	Deletion	AU000000NEC4	NINE ENTERTAINMENT
STOXX Global 1800 ex Eurozone	Deletion	US94419L1017	WAYFAIR CL.A
EURO STOXX	Addition	DE000A161408	HELLOFRESH AG
EURO STOXX	Deletion	LU0061462528	RTL GRP
EURO STOXX	Deletion	FI0009005870	KONECRANES
EURO STOXX	Deletion	DE000A0LD6E6	GERRESHEIMER
STOXX All Europe Total Market	Addition	BG1100005971	STARA PLANINA HOLD AD
STOXX All Europe Total Market	Addition	HRPTKMRA0005	PETROKEMIJA
STOXX All Europe Total Market	Addition	BG1100075065	MONBAT
STOXX All Europe Total Market	Addition	HRMAISRA0007	MAISTRA
STOXX All Europe Total Market	Addition	CY0004690711	LOUIS

STOXX All Europe Total Market	Addition	HRKRASRA0008	KRAS
STOXX All Europe Total Market	Addition	TRAVANET91A5	METRO TICARI MALI YATIRIMLAR
STOXX All Europe Total Market	Addition	LT0000128571	LIETUVOS ENERGIJOS GAMYBA
STOXX All Europe Total Market	Addition	BMG067231032	AVANCE GAS
STOXX All Europe Total Market	Addition	BG1100086070	SOPHARMA TRADING
STOXX All Europe Total Market	Addition	SI0031103805	CINKARNA REDNE
STOXX All Europe Total Market	Addition	GB00BYQ46T41	LXI REIT PLC
STOXX All Europe Total Market	Addition	DE000A0TGJ55	VARTA AG
STOXX All Europe Total Market	Addition	GB00BKDTK925	TRAINLINE PLC
STOXX All Europe Total Market	Addition	DE000A2YN900	TEAMVIEWER AG
STOXX All Europe Total Market	Addition	PLSLVCR00029	SELVITA
STOXX All Europe Total Market	Addition	BG11MPKAAT18	M+S HYDRAULIC
STOXX All Europe Total Market	Addition	HRLRHORA0007	LIBURNIA RIVIERA H
STOXX All Europe Total Market	Addition	LT0000102030	GRIGEO
STOXX All Europe Total Market	Addition	LT0000111650	KLAIPEDOS NAFTA
STOXX All Europe Total Market	Addition	TRATUKAS91A3	TUKAS GIDA SANVETC.
STOXX All Europe Total Market	Addition	TRAADNAC91F6	ADANA CIMENTO 'C'
STOXX All Europe Total Market	Addition	GB00BH3VJ782	NETWORK INTERNATIONAL HOLDINGS
STOXX All Europe Total Market	Addition	GB00BZ14BX56	GAMESYS GROUP
STOXX All Europe Total Market	Addition	BMG9349W1038	VEON
STOXX All Europe Total Market	Addition	NO0010564701	PANORO ENERGY
STOXX All Europe Total Market	Addition	PLZATRM00012	GRUPA AZOTY
STOXX All Europe Total Market	Addition	PLRNBWT00031	RAINBOW TOURS SR.B C2 E
STOXX All Europe Total Market	Addition	PLPILAB00012	DATAWALK
STOXX All Europe Total Market	Addition	PLENTER00017	ENTER AIR
STOXX All Europe Total Market	Addition	SE0012853455	EQT
STOXX All Europe Total Market	Addition	SE0009554454	SAMHALLSBYGGNADSBOL AGET NORD
STOXX All Europe Total Market	Addition	TRATKBNK91N6	TURKIYE KALKINMA VE YATIRIM
STOXX All Europe Total Market	Deletion	RU0007661302	URALKALI
STOXX All Europe Total Market	Deletion	BG1100014973	CB CENTRAL COOP.BANK
STOXX All Europe Total Market	Deletion	NO0010112675	REC SILICON
STOXX All Europe Total Market	Deletion	GB0006834344	Intu Properties PLC
STOXX All Europe Total Market	Deletion	CH0102659627	GAM
STOXX All Europe Total Market	Deletion	FR0000045528	CREDIT AGR.ILE DE FRANCE
STOXX All Europe Total Market	Deletion	CH0038389992	BB BIOTECH
STOXX All Europe Total Market	Deletion	DK0010218429	BANG AND OLUFSEN
STOXX All Europe Total Market	Deletion	NL0000337319	BAM GROEP KON.
STOXX All Europe Total Market	Deletion	LV0000100659	GRINDEKS
STOXX All Europe Total Market	Deletion	LT0000101446	PANEVEZIO STATYBOS TRESTAS
STOXX All Europe Total Market	Deletion	NL0011375019	STEINHOFF N.V.
STOXX All Europe Total Market	Deletion	LV0000100899	LATVIJAS GAZE
STOXX All Europe Total Market	Deletion	IS0000019800	EIMSKIPAFELAG ISLAND
STOXX All Europe Total Market	Deletion	DK0060497295	MATAS



STOXX All Europe Total Market	Deletion	IS0000007078	VATRYGGINGFELAG ISLANDS
STOXX All Europe Total Market	Deletion	PLATTFI00018	ALTUS TFI
STOXX All Europe Total Market	Deletion	FR0012789949	EUROPCAR MOBILITY GROUP
STOXX All Europe Total Market	Deletion	NO0003070609	IDEX BIOMETRICS
STOXX All Europe Total Market	Deletion	GB00B0DG3H29	SIRIUS MINERALS
STOXX All Europe Total Market	Deletion	FR0013214145	SMCP SAS
STOXX All Europe Total Market	Deletion	IS0000000503	SKELJUNGUR
STOXX All Europe Total Market	Deletion	HRVARTR10005	VARTEKS
STOXX Pacific Total Market	Addition	AU000000CLW0	CHARTER HALL LONG WALE REIT
STOXX Pacific Total Market	Addition	AU000000PNV0	POLYNOVO
STOXX Asia Total Market	Addition	JP3809200003	FUJI
STOXX Asia Total Market	Addition	INE180A01020	MAX FINANCIAL SVS.
STOXX Asia Total Market	Addition	KR7002780005	CHIN HUNG INTL.
STOXX Asia Total Market	Addition	KR7073110009	LMS
STOXX Asia Total Market	Addition	JP3549070005	DIGITAL GARAGE
STOXX Asia Total Market	Addition	MYL512600007	SARAWAK OIL PALMS
STOXX Asia Total Market	Addition	MYL347600008	KECK SENG (MALAYSIA)
STOXX Asia Total Market	Addition	PK0075101011	AZGARD NINE
STOXX Asia Total Market	Addition	TH0027010Z03	SAHA PATH.INTER-HOLDING
STOXX Asia Total Market	Addition	ID1000113905	ELANG MAHKOTA TEKNOLOGI
STOXX Asia Total Market	Addition	JP3149800009	IRISO ELECTRONICS
STOXX Asia Total Market	Addition	KR7050110006	CAMMSYS
STOXX Asia Total Market	Addition	KR7101490001	S&S TECH
STOXX Asia Total Market	Addition	PK0037801013	NATIONAL FOODS
STOXX Asia Total Market	Addition	KR7238090005	NDFOS
STOXX Asia Total Market	Addition	INE600K01018	GALAXY SURFACTANTS
STOXX Asia Total Market	Addition	ID1000144009	TRANSCOAL PACIFIC
STOXX Asia Total Market	Addition	KYG3679P1019	FRONTAGE HOLDINGS
STOXX Asia Total Market	Addition	JP3168700007	EN-JAPAN
STOXX Asia Total Market	Addition	JP3754500001	JAPAN LIFELINE
STOXX Asia Total Market	Addition	JP3048480002	MITSUBISHI EST.LOGIST. REIT
STOXX Asia Total Market	Addition	JP3648700007	NAGAWA
STOXX Asia Total Market	Addition	JP3761600000	NOJIMA
STOXX Asia Total Market	Addition	JP3795300007	HIRATA
STOXX Asia Total Market	Addition	CNE100002RY5	A-LIVING SERVICES 'H'
STOXX Asia Total Market	Addition	ID1000144405	POLLUX PROPRTI INDONESIA
STOXX Asia Total Market	Addition	ID1000144108	MAP AKTIF ADIPERKASA
STOXX Asia Total Market	Addition	ID1000147903	CITRA PUTRA REALTY
STOXX Asia Total Market	Addition	ID1000094402	BANK OCBC NISP
STOXX Asia Total Market	Addition	ID1000146301	MAHA PROPRTI INDONESIA
STOXX Asia Total Market	Addition	ID1000150402	MNC VISION NETWORKS
STOXX Asia Total Market	Addition	INE092T01019	IDFC FIRST BANK
STOXX Asia Total Market	Addition	INE364U01010	ADANI GREEN ENERGY
STOXX Asia Total Market	Addition	KR7317330009	DUKSAN TECHOPIA
STOXX Asia Total Market	Addition	KR700104K010	CJ PREFERENCE SHARES

STOXX Asia Total Market	Addition	KR7148150006	SE GYUNG HI TECH
STOXX Asia Total Market	Addition	KR7189300007	INTELLIAN TECHNOLOGIES
STOXX Asia Total Market	Addition	KR7228670006	RAY
STOXX Asia Total Market	Addition	KR7043220003	HLB POWER
STOXX Asia Total Market	Addition	KR7089010003	CHEMTRONICS
STOXX Asia Total Market	Addition	KR7003580008	NEXT SCIENCE
STOXX Asia Total Market	Addition	KR7073490005	INNOWIRELESS
STOXX Asia Total Market	Addition	MYL663300001	LEONG HUP INTERNATIONAL
STOXX Asia Total Market	Addition	MYQ020800007	GREATECH TECHNOLOGY
STOXX Asia Total Market	Addition	PK0112101016	GLXSK.CSM.HLTHCR. PAK.
STOXX Asia Total Market	Addition	TH8351010005	CPN RETAIL GROWTH LEASE REIT
STOXX Asia Total Market	Addition	TH6172010006	FRASERS PROP THA INDUST REIT
STOXX Asia Total Market	Addition	TH9301010004	DOHOME
STOXX Asia Total Market	Addition	TW0004968003	RICHWAVE TECHNOLOGY
STOXX Asia Total Market	Addition	VN000000KOS6	KOSY
STOXX Asia Total Market	Addition	VN000000DBC2	DABACO VIETNAM
STOXX Asia Total Market	Deletion	JP3132600002	SENSHU IKEDA HOLDINGS
STOXX Asia Total Market	Deletion	JP3601800000	TOHO TITANIUM
STOXX Asia Total Market	Deletion	JP3607800004	TOYO ENGINEERING
STOXX Asia Total Market	Deletion	JP3599000001	TOHO ZINC
STOXX Asia Total Market	Deletion	JP3701200002	NIPPON CHEMI-CON
STOXX Asia Total Market	Deletion	BMG210901242	CHINA WATER AFFAIRS GP.
STOXX Asia Total Market	Deletion	JP3336400001	SANDEN
STOXX Asia Total Market	Deletion	JP3315200000	BANK OF SAGA
STOXX Asia Total Market	Deletion	JP3627800000	TOCHIGI BANK
STOXX Asia Total Market	Deletion	JP3874800000	MARUSAN SECURITIES
STOXX Asia Total Market	Deletion	JP3235700006	IDOM INC
STOXX Asia Total Market	Deletion	JP3741800001	NIHON NOHYAKU
STOXX Asia Total Market	Deletion	JP3951200009	UNITIKA
STOXX Asia Total Market	Deletion	JP3377800002	SHINDENGEN ELEC.MNFG.
STOXX Asia Total Market	Deletion	JP3895200008	MITSUBA
STOXX Asia Total Market	Deletion	JP3256970009	KYOKUTO SECS.
STOXX Asia Total Market	Deletion	JP3651400008	NAMURA SHIPBLDG.
STOXX Asia Total Market	Deletion	KYG6700A1004	NVC LIGHTING HOLDING
STOXX Asia Total Market	Deletion	JP3130400009	EAGLE INDUSTRY
STOXX Asia Total Market	Deletion	KR7000150003	Doosan
STOXX Asia Total Market	Deletion	KR7025320003	SYNOPEX
STOXX Asia Total Market	Deletion	KR7000151001	DOOSAN PF.
STOXX Asia Total Market	Deletion	PK0077701016	ARIF HABIB CORPORATION
STOXX Asia Total Market	Deletion	PK0094301014	NISHAT POWER
STOXX Asia Total Market	Deletion	JP3142350002	J TRUST
STOXX Asia Total Market	Deletion	MYL560600008	IGB
STOXX Asia Total Market	Deletion	KYG733101318	REDCO GROUP
STOXX Asia Total Market	Deletion	JP3266170004	COOKPAD
STOXX Asia Total Market	Deletion	TH0985010006	MUANG THAI INSURANCE

STOXX Asia Total Market	Deletion	JP3505970008	W-SCOPE
STOXX Asia Total Market	Deletion	PK0009201010	ATLAS HONDA
STOXX Asia Total Market	Deletion	JP3268870007	KLAB
STOXX Asia Total Market	Deletion	JP3836400006	PEPPER FOOD SER
STOXX Asia Total Market	Deletion	JP3831400001	BOURBON
STOXX Asia Total Market	Deletion	JP3930050004	YA-MAN
STOXX Asia Total Market	Deletion	INE866R01028	MATRIMONY COM
STOXX Asia Total Market	Deletion	INE755Q01025	VISHAL FABRICS VISHAL FABRICS
STOXX Asia Total Market	Deletion	MYL717200009	PMB TECHNOLOGY
STOXX Asia Total Market	Deletion	ID1000124605	CITY RETAIL DEVELOPMENTS
STOXX Americas Total Market	Addition	ARSAMA010012	IRSA PROPIEDADES COMIT.
STOXX Americas Total Market	Addition	CLP0170E1065	ALMENDRAL
STOXX Americas Total Market	Addition	PEP218025000	UN.DE CVCS.PRUA. BYJ.I
STOXX Americas Total Market	Addition	US45841N1072	INTERACTIVE BROKERS GROUP A
STOXX Americas Total Market	Addition	CL0001892539	HORTIFRUT
STOXX Americas Total Market	Addition	CA1264621006	CT REIT.TST.
STOXX Americas Total Market	Addition	CA92937G1090	WPT INDUSTRIAL REIT.TST. (U)
STOXX Americas Total Market	Addition	CA60448E1034	MINTO APARTMENT REIT UNITS
STOXX Americas Total Market	Addition	CA61761E1007	MORGUARD NORTH AMERICAN REIT
STOXX Americas Total Market	Addition	GB00BFMBMT84	SENSATA TECHS.HLDG.
STOXX Americas Total Market	Addition	US2681501092	DYNATRACE
STOXX Americas Total Market	Addition	LU0914713705	INTELSAT
STOXX Americas Total Market	Addition	NL0011327523	WRIGHT MEDICAL GROUP
STOXX Americas Total Market	Addition	US24344T1016	DECIPHERA PHARMS.
STOXX Americas Total Market	Addition	US65290C1053	NEXTIER OILFIELD SOLUTIONS
STOXX Americas Total Market	Addition	US00448Q2012	ACHILLION PHARMS.
STOXX Americas Total Market	Addition	US14161W1053	CARDLYTICS
STOXX Americas Total Market	Addition	US29975E1091	EVENTBRITE A
STOXX Americas Total Market	Addition	US8004221078	JOHN B SANFILIPPO & SON
STOXX Americas Total Market	Addition	US6075251024	MODEL N
STOXX Americas Total Market	Addition	BRALSOACNOR5	ALIANSCE SONAE SHOPPING CENTER
STOXX Americas Total Market	Addition	BRLCAMACNOR3	COMPANHIA DE LOCACAO AMERICAS
STOXX Americas Total Market	Addition	CL0002539816	CENCOSUD SHOPPING
STOXX Americas Total Market	Deletion	PAL1201471A1	MCDERMOTT INTL.
STOXX Americas Total Market	Deletion	CA6744822033	Obsidian Energy Ltd
STOXX Americas Total Market	Deletion	US9092181091	UNIT
STOXX Americas Total Market	Deletion	CA70706P1045	PENGROWTH ENERGY CORP.
STOXX Americas Total Market	Deletion	CA09784Y1088	BONAVISTA ENERGY
STOXX Americas Total Market	Deletion	CA25822C2058	DOREL INDS.'B' SBVTG.
STOXX Americas Total Market	Deletion	COG31PA00010	Almacenes Exito SA
STOXX Americas Total Market	Deletion	CA4035301080	GUYANA GOLDFIELDS
STOXX Americas Total Market	Deletion	MX01AL1C0003	ALEATICA
STOXX Americas Total Market	Deletion	IE00BBGT3753	Mallinckrodt
STOXX Americas Total Market	Deletion	CA8676EP1086	SUNOPTA
STOXX Americas Total Market	Deletion	US75508B1044	RAYONIER ADVD.MATERIALS

STOXX Americas Total Market	Deletion	US74587V1070	PUMA BIOTECHNOLOGY
STOXX Americas Total Market	Deletion	US1894641000	CLOVIS ONCOLOGY
STOXX Americas Total Market	Deletion	CA62426E4022	MOUNTAIN PROV.DIAS.
STOXX Americas Total Market	Deletion	CA89531J1093	TREVALI MINING
STOXX Americas Total Market	Deletion	CA1378002077	CANNTRUST HOLDINGS
STOXX Americas Total Market	Deletion	US13057Q2066	CALIFORNIA RESOURCES
STOXX Americas Total Market	Deletion	VGG569811067	LUOKUNG TECHNOLOGY
STOXX Americas Total Market	Deletion	NL0012661870	INFLARX
STOXX Americas Total Market	Deletion	US7496601060	RPC
STOXX Americas Total Market	Deletion	KYG5784H1065	MANCHESTER UNITED CL.A
STOXX Americas Total Market	Deletion	US09058V1035	BIOCRYST PHARMS.
STOXX Americas Total Market	Deletion	US0937121079	BLOOM ENERGY A
STOXX Americas Total Market	Deletion	US9307521008	WAITR HOLDINGS
STOXX Americas Total Market	Deletion	US2057683029	COMSTOCK RES.
STOXX Americas Total Market	Deletion	CA6882811046	OSISKO MINING
STOXX Global Total Market	Addition	BG1100005971	STARA PLANINA HOLD AD
STOXX Global Total Market	Addition	HRPTKMRA0005	PETROKEMIJA
STOXX Global Total Market	Addition	BG1100075065	MONBAT
STOXX Global Total Market	Addition	HRMAISRA0007	MAISTRA
STOXX Global Total Market	Addition	CY0004690711	LOUIS
STOXX Global Total Market	Addition	HRKRASRA0008	KRAS
STOXX Global Total Market	Addition	TRAVANET91A5	METRO TICARI MALI YATIRIMLAR
STOXX Global Total Market	Addition	JP3809200003	FUJI
STOXX Global Total Market	Addition	ARSAMA010012	IRSA PROPIEDADES COMIT.
STOXX Global Total Market	Addition	CLP0170E1065	ALMENDRAL
STOXX Global Total Market	Addition	INE180A01020	MAX FINANCIAL SVS.
STOXX Global Total Market	Addition	KR7002780005	CHIN HUNG INTL.
STOXX Global Total Market	Addition	KR7073110009	LMS
STOXX Global Total Market	Addition	JP3549070005	DIGITAL GARAGE
STOXX Global Total Market	Addition	MYL5126OO007	SARAWAK OIL PALMS
STOXX Global Total Market	Addition	MYL3476OO008	KECK SENG (MALAYSIA)
STOXX Global Total Market	Addition	NGSTANBIC003	STANBICIBTC HLDG
STOXX Global Total Market	Addition	NGNESTLE0006	NESTLE FOODS NIGERIA
STOXX Global Total Market	Addition	NGDANSUGAR02	DANGOTE SUGAR REFINERY
STOXX Global Total Market	Addition	LT0000128571	LIETUVOS ENERGIJOS GAMYBA
STOXX Global Total Market	Addition	PK0075101011	AZGARD NINE
STOXX Global Total Market	Addition	TH0027010Z03	SAHA PATH.INTER-HOLDING
STOXX Global Total Market	Addition	EGS3D041C017	EL EZZ ALDK.STEEL ALEXA.
STOXX Global Total Market	Addition	ID1000113905	ELANG MAHKOTA TEKNOLOGI
STOXX Global Total Market	Addition	BMG067231032	AVANCE GAS
STOXX Global Total Market	Addition	JP3149800009	IRISO ELECTRONICS
STOXX Global Total Market	Addition	BG1100086070	SOPHARMA TRADING
STOXX Global Total Market	Addition	SI0031103805	CINKARNA REDNE
STOXX Global Total Market	Addition	PEP218025000	UN.DE CVCS.PRUA. BYJ.I
STOXX Global Total Market	Addition	ZAE000248811	DISTELL GROUP HLDGS

STOXX Global Total Market	Addition	KR7050110006	CAMMSYS
STOXX Global Total Market	Addition	KR7101490001	S&S TECH
STOXX Global Total Market	Addition	EGS60321C014	FAISAL ISLAMIC BANK OF EGYPT
STOXX Global Total Market	Addition	PK0037801013	NATIONAL FOODS
STOXX Global Total Market	Addition	KR7238090005	NDFOS
STOXX Global Total Market	Addition	GB00BYQ46T41	LXI REIT PLC
STOXX Global Total Market	Addition	EGS30AL1C012	OBOUR LAND FOR FOOD INDUSTRIES
STOXX Global Total Market	Addition	DE000A0TGJ55	VARTA AG
STOXX Global Total Market	Addition	US45841N1072	INTERACTIVE BROKERS GROUP A
STOXX Global Total Market	Addition	CL0001892539	HORTIFRUT
STOXX Global Total Market	Addition	INE600K01018	GALAXY SURFACTANTS
STOXX Global Total Market	Addition	ID1000144009	TRANSCOAL PACIFIC
STOXX Global Total Market	Addition	GB00BKDTK925	TRAINLINE PLC
STOXX Global Total Market	Addition	DE000A2YN900	TEAMVIEWER AG
STOXX Global Total Market	Addition	PLSLVCR00029	SELVITA
STOXX Global Total Market	Addition	AU000000CLW0	CHARTER HALL LONG WALE REIT
STOXX Global Total Market	Addition	AU000000PNV0	POLYNOVO
STOXX Global Total Market	Addition	CA1264621006	CT REIT.TST.
STOXX Global Total Market	Addition	CA92937G1090	WPT INDUSTRIAL REIT.TST. (U)
STOXX Global Total Market	Addition	CA60448E1034	MINTO APARTMENT REIT UNITS
STOXX Global Total Market	Addition	CA61761E1007	MORGUARD NORTH AMERICAN REIT
STOXX Global Total Market	Addition	KYG3679P1019	FRONTAGE HOLDINGS
STOXX Global Total Market	Addition	JP3168700007	EN-JAPAN
STOXX Global Total Market	Addition	JP3754500001	JAPAN LIFELINE
STOXX Global Total Market	Addition	JP3048480002	MITSUBISHI EST.LOGIST. REIT
STOXX Global Total Market	Addition	JP3648700007	NAGAWA
STOXX Global Total Market	Addition	JP3761600000	NOJIMA
STOXX Global Total Market	Addition	JP3795300007	HIRATA
STOXX Global Total Market	Addition	GB00BFMBMT84	SENSATA TECHS.HLDG.
STOXX Global Total Market	Addition	US2681501092	DYNATRACE
STOXX Global Total Market	Addition	LU0914713705	INTELSAT
STOXX Global Total Market	Addition	NL0011327523	WRIGHT MEDICAL GROUP
STOXX Global Total Market	Addition	US24344T1016	DECIPHERA PHARMS.
STOXX Global Total Market	Addition	US65290C1053	NEXTIER OILFIELD SOLUTIONS
STOXX Global Total Market	Addition	US00448Q2012	ACHILLION PHARMS.
STOXX Global Total Market	Addition	US14161W1053	CARDLYTICS
STOXX Global Total Market	Addition	US29975E1091	EVENTBRITE A
STOXX Global Total Market	Addition	US8004221078	JOHN B SANFILIPPO & SON
STOXX Global Total Market	Addition	US6075251024	MODEL N
STOXX Global Total Market	Addition	CNE100002RY5	A-LIVING SERVICES 'H'
STOXX Global Total Market	Addition	BG11MPKAAT18	M+S HYDRAULIC
STOXX Global Total Market	Addition	HRLRHORA0007	LIBURNIA RIVIERA H
STOXX Global Total Market	Addition	LT0000102030	GRIGEO
STOXX Global Total Market	Addition	LT0000111650	KLAIPEDOS NAFTA
STOXX Global Total Market	Addition	TRATUKAS91A3	TUKAS GIDA SANVETC.



STOXX Global Total Market	Addition	TRAADNAC91F6	ADANA CIMENTO 'C'
STOXX Global Total Market	Addition	BRALSOACNOR5	ALIANSCE SONAE SHOPPING CENTER
STOXX Global Total Market	Addition	BRLCAMACNOR3	COMPANHIA DE LOCACAO AMERICAS
STOXX Global Total Market	Addition	CL0002539816	CENCOSUD SHOPPING
STOXX Global Total Market	Addition	EGS745L1C014	FAWRY FOR BKG.TECH
STOXX Global Total Market	Addition	ID1000144405	POLLUX PROPERTI INDONESIA
STOXX Global Total Market	Addition	ID1000144108	MAP AKTIF ADIPERKASA
STOXX Global Total Market	Addition	ID1000147903	CITRA PUTRA REALTY
STOXX Global Total Market	Addition	ID1000094402	BANK OCBC NISP
STOXX Global Total Market	Addition	ID1000146301	MAHA PROPERTI INDONESIA
STOXX Global Total Market	Addition	ID1000150402	MNC VISION NETWORKS
STOXX Global Total Market	Addition	IL0011590291	TEL AVIV STOCK EXCHANGE
STOXX Global Total Market	Addition	IL0011569261	GENERATION CAPITAL
STOXX Global Total Market	Addition	IL0007150118	AZORIM INVDV.&.CON.
STOXX Global Total Market	Addition	INE092T01019	IDFC FIRST BANK
STOXX Global Total Market	Addition	INE364U01010	ADANI GREEN ENERGY
STOXX Global Total Market	Addition	KR7317330009	DUKSAN TECHOPIA
STOXX Global Total Market	Addition	KR700104K010	CJ PREFERENCE SHARES
STOXX Global Total Market	Addition	KR7148150006	SE GYUNG HI TECH
STOXX Global Total Market	Addition	KR7189300007	INTELLIAN TECHNOLOGIES
STOXX Global Total Market	Addition	KR7228670006	RAY
STOXX Global Total Market	Addition	KR7043220003	HLB POWER
STOXX Global Total Market	Addition	KR7089010003	CHEMTRONICS
STOXX Global Total Market	Addition	KR7003580008	NEXT SCIENCE
STOXX Global Total Market	Addition	KR7073490005	INNOWIRELESS
STOXX Global Total Market	Addition	MYL6633OO001	LEONG HUP INTERNATIONAL
STOXX Global Total Market	Addition	MYQ0208OO007	GREATECH TECHNOLOGY
STOXX Global Total Market	Addition	NGMTNN000002	MTN NIGERIA COMMUNICATIONS
STOXX Global Total Market	Addition	NGCCNN000003	CEMENT CO.NTHN.NIGERIA
STOXX Global Total Market	Addition	NGOKOMUOIL00	OKOMU OIL PALM
STOXX Global Total Market	Addition	NGINTBREW005	INTERNATIONAL BREWERIES
STOXX Global Total Market	Addition	PK0112101016	GLXSK.CSM.HLTHCR. PAK.
STOXX Global Total Market	Addition	TH8351010005	CPN RETAIL GROWTH LEASE REIT
STOXX Global Total Market	Addition	TH6172010006	FRASERS PROP THA INDUST REIT
STOXX Global Total Market	Addition	TH9301010004	DOHOME
STOXX Global Total Market	Addition	TW0004968003	RICHWAVE TECHNOLOGY
STOXX Global Total Market	Addition	VN000000KOS6	KOSY
STOXX Global Total Market	Addition	VN000000DBC2	DABACO VIETNAM
STOXX Global Total Market	Addition	ZAE000248498	FORTRESS REIT A
STOXX Global Total Market	Addition	GB00BH3VJ782	NETWORK INTERNATIONAL HOLDINGS
STOXX Global Total Market	Addition	GB00BZ14BX56	GAMESYS GROUP
STOXX Global Total Market	Addition	BMG9349W1038	VEON
STOXX Global Total Market	Addition	NO0010564701	PANORO ENERGY
STOXX Global Total Market	Addition	PLZATRM00012	GRUPA AZOTY

STOXX Global Total Market	Addition	PLRNBWT00031	RAINBOW TOURS SR.B C2 E
STOXX Global Total Market	Addition	PLPILAB00012	DATAWALK
STOXX Global Total Market	Addition	PLENTER00017	ENTER AIR
STOXX Global Total Market	Addition	SE0012853455	EQT
STOXX Global Total Market	Addition	SE0009554454	SAMHALLSBYGGNADSBOL AGET NORD
STOXX Global Total Market	Addition	TRATKBNK91N6	TURKIYE KALKINMA VE YATIRIM
STOXX Global Total Market	Deletion	RU0007661302	URALKALI
STOXX Global Total Market	Deletion	BG1100014973	CB CENTRAL COOP.BANK
STOXX Global Total Market	Deletion	NO0010112675	REC SILICON
STOXX Global Total Market	Deletion	GB0006834344	Intu Properties PLC
STOXX Global Total Market	Deletion	CH0102659627	GAM
STOXX Global Total Market	Deletion	FR0000045528	CREDIT AGR.ILE DE FRANCE
STOXX Global Total Market	Deletion	CH0038389992	BB BIOTECH
STOXX Global Total Market	Deletion	DK0010218429	BANG AND OLUFSEN
STOXX Global Total Market	Deletion	NL0000337319	BAM GROEP KON.
STOXX Global Total Market	Deletion	LV0000100659	GRINDEKS
STOXX Global Total Market	Deletion	PAL1201471A1	MCDERMOTT INTL.
STOXX Global Total Market	Deletion	CA6744822033	Obsidian Energy Ltd
STOXX Global Total Market	Deletion	US9092181091	UNIT
STOXX Global Total Market	Deletion	CA70706P1045	PENGROWTH ENERGY CORP.
STOXX Global Total Market	Deletion	CA09784Y1088	BONAVISTA ENERGY
STOXX Global Total Market	Deletion	CA25822C2058	DOREL INDS.'B' SBVTG.
STOXX Global Total Market	Deletion	JP3132600002	SENSHU IKEDA HOLDINGS
STOXX Global Total Market	Deletion	JP3601800000	TOHO TITANIUM
STOXX Global Total Market	Deletion	JP3607800004	TOYO ENGINEERING
STOXX Global Total Market	Deletion	JP3599000001	TOHO ZINC
STOXX Global Total Market	Deletion	JP3701200002	NIPPON CHEMI-CON
STOXX Global Total Market	Deletion	BMG210901242	CHINA WATER AFFAIRS GP.
STOXX Global Total Market	Deletion	JP3336400001	SANDEN
STOXX Global Total Market	Deletion	JP3315200000	BANK OF SAGA
STOXX Global Total Market	Deletion	JP3627800000	TOCHIGI BANK
STOXX Global Total Market	Deletion	JP3874800000	MARUSAN SECURITIES
STOXX Global Total Market	Deletion	JP3235700006	IDOM INC
STOXX Global Total Market	Deletion	JP3741800001	NIHON NOHYAKU
STOXX Global Total Market	Deletion	JP3951200009	UNITIKA
STOXX Global Total Market	Deletion	JP3377800002	SHINDENGEN ELEC.MNFG.
STOXX Global Total Market	Deletion	JP3895200008	MITSUBA
STOXX Global Total Market	Deletion	JP3256970009	KYOKUTO SECS.
STOXX Global Total Market	Deletion	JP3651400008	NAMURA SHIPBLDG.
STOXX Global Total Market	Deletion	KYG6700A1004	NVC LIGHTING HOLDING
STOXX Global Total Market	Deletion	LT0000101446	PANEVEZIO STATYBOS TRESTAS
STOXX Global Total Market	Deletion	JP3130400009	EAGLE INDUSTRY
STOXX Global Total Market	Deletion	COG31PA00010	Almacenes Exito SA
STOXX Global Total Market	Deletion	NL0011375019	STEINHOFF N.V.

STOXX Global Total Market	Deletion	KR7000150003	Doosan
STOXX Global Total Market	Deletion	KR7025320003	SYNOPEX
STOXX Global Total Market	Deletion	CA4035301080	GUYANA GOLDFIELDS
STOXX Global Total Market	Deletion	LV0000100899	LATVIJAS GAZE
STOXX Global Total Market	Deletion	MX01AL1C0003	ALEATICA
STOXX Global Total Market	Deletion	KR7000151001	DOOSAN PF.
STOXX Global Total Market	Deletion	EGS60081C014	QATAR NATIONAL BANK ALAHLY
STOXX Global Total Market	Deletion	MA0000011454	CR.IMMOBIL.ET HOTELIER
STOXX Global Total Market	Deletion	PK0077701016	ARIF HABIB CORPORATION
STOXX Global Total Market	Deletion	TN0007300015	ARTES SA (AUTO)
STOXX Global Total Market	Deletion	TN0005700018	POULINA GROUP HOLDINGS
STOXX Global Total Market	Deletion	PK0094301014	NISHAT POWER
STOXX Global Total Market	Deletion	JP3142350002	J TRUST
STOXX Global Total Market	Deletion	MYL560600008	IGB
STOXX Global Total Market	Deletion	IS0000019800	EIMSKIPAFELAG ISLAND
STOXX Global Total Market	Deletion	MA0000011793	MINIERE TOUISSIT
STOXX Global Total Market	Deletion	IE00BBGT3753	Mallinckrodt
STOXX Global Total Market	Deletion	DK0060497295	MATAS
STOXX Global Total Market	Deletion	IS0000007078	VATRYGGINGFELAG ISLANDS
STOXX Global Total Market	Deletion	CA8676EP1086	SUNOPTA
STOXX Global Total Market	Deletion	US75508B1044	RAYONIER ADVD.MATERIALS
STOXX Global Total Market	Deletion	PLATTFI00018	ALTUS TFI
STOXX Global Total Market	Deletion	US74587V1070	PUMA BIOTECHNOLOGY
STOXX Global Total Market	Deletion	FR0012789949	EUROPCAR MOBILITY GROUP
STOXX Global Total Market	Deletion	KYG733101318	REDCO GROUP
STOXX Global Total Market	Deletion	JP3266170004	COOKPAD
STOXX Global Total Market	Deletion	NO0003070609	IDEX BIOMETRICS
STOXX Global Total Market	Deletion	US1894641000	CLOVIS ONCOLOGY
STOXX Global Total Market	Deletion	TH0985010006	MUANG THAI INSURANCE
STOXX Global Total Market	Deletion	MA0000012031	LESIEUR CRISTAL
STOXX Global Total Market	Deletion	CA62426E4022	MOUNTAIN PROV.DIAS.
STOXX Global Total Market	Deletion	JP3505970008	W-SCOPE
STOXX Global Total Market	Deletion	PK0009201010	ATLAS HONDA
STOXX Global Total Market	Deletion	GB00B0DG3H29	SIRIUS MINERALS
STOXX Global Total Market	Deletion	JP3268870007	KLAB
STOXX Global Total Market	Deletion	FR0013214145	SMCP SAS
STOXX Global Total Market	Deletion	CA89531J1093	TREVALI MINING
STOXX Global Total Market	Deletion	JP3836400006	PEPPER FOOD SER
STOXX Global Total Market	Deletion	JP3831400001	BOURBON
STOXX Global Total Market	Deletion	JP3930050004	YA-MAN
STOXX Global Total Market	Deletion	INE866R01028	MATRIMONY COM
STOXX Global Total Market	Deletion	INE755Q01025	VISHAL FABRICS VISHAL FABRICS
STOXX Global Total Market	Deletion	CA1378002077	CANNTRUST HOLDINGS
STOXX Global Total Market	Deletion	IS0000000503	SKELJUNGUR
STOXX Global Total Market	Deletion	US13057Q2066	CALIFORNIA RESOURCES

STOXX Global Total Market	Deletion	VGG569811067	LUOKUNG TECHNOLOGY
STOXX Global Total Market	Deletion	NL0012661870	INFLARX
STOXX Global Total Market	Deletion	US7496601060	RPC
STOXX Global Total Market	Deletion	KYG5784H1065	MANCHESTER UNITED CL.A
STOXX Global Total Market	Deletion	US09058V1035	BIOCRYST PHARMS.
STOXX Global Total Market	Deletion	US0937121079	BLOOM ENERGY A
STOXX Global Total Market	Deletion	US9307521008	WAITR HOLDINGS
STOXX Global Total Market	Deletion	US2057683029	COMSTOCK RES.
STOXX Global Total Market	Deletion	CA6882811046	OSISKO MINING
STOXX Global Total Market	Deletion	MYL717200009	PMB TECHNOLOGY
STOXX Global Total Market	Deletion	TN0002100907	STE TUNISIE LEASING ET FACT
STOXX Global Total Market	Deletion	HRVARTR10005	VARTEKS
STOXX Global Total Market	Deletion	ID1000124605	CITY RETAIL DEVELOPMENTS
EURO STOXX Total Market	Addition	DE000A0TGJ55	VARTA AG
EURO STOXX Total Market	Addition	DE000A2YN900	TEAMVIEWER AG
EURO STOXX Total Market	Addition	BMG9349W1038	VEON
EURO STOXX Total Market	Deletion	FR0000045528	CREDIT AGR.ILE DE FRANCE
EURO STOXX Total Market	Deletion	NL0000337319	BAM GROEP KON.
EURO STOXX Total Market	Deletion	NL0011375019	STEINHOFF N.V.
EURO STOXX Total Market	Deletion	FR0012789949	EUROPCAR MOBILITY GROUP
EURO STOXX Total Market	Deletion	FR0013214145	SMCP SAS
STOXX Balkan Total Market ex Greece & Turkey	Addition	BG1100005971	STARA PLANINA HOLD AD
STOXX Balkan Total Market ex Greece & Turkey	Addition	HRPTKMRA0005	PETROKEMIJA
STOXX Balkan Total Market ex Greece & Turkey	Addition	BG1100075065	MONBAT
STOXX Balkan Total Market ex Greece & Turkey	Addition	HRMAISRA0007	MAISTRA
STOXX Balkan Total Market ex Greece & Turkey	Addition	HRKRASRA0008	KRAS
STOXX Balkan Total Market ex Greece & Turkey	Addition	BG1100086070	SOPHARMA TRADING
STOXX Balkan Total Market ex Greece & Turkey	Addition	SI0031103805	CINKARNA REDNE
STOXX Balkan Total Market ex Greece & Turkey	Addition	BG11MPKAAT18	M+S HYDRAULIC
STOXX Balkan Total Market ex Greece & Turkey	Addition	HRLRHORA0007	LIBURNIA RIVIERA H
STOXX Balkan Total Market ex Greece & Turkey	Deletion	BG1100014973	CB CENTRAL COOP.BANK
STOXX Balkan Total Market ex Greece & Turkey	Deletion	HRVARTR10005	VARTEKS
STOXX Eastern Europe Total Market	Addition	BG1100005971	STARA PLANINA HOLD AD
STOXX Eastern Europe Total Market	Addition	HRPTKMRA0005	PETROKEMIJA
STOXX Eastern Europe Total Market	Addition	BG1100075065	MONBAT
STOXX Eastern Europe Total Market	Addition	HRMAISRA0007	MAISTRA

STOXX Eastern Europe Total Market	Addition	CY0004690711	LOUIS
STOXX Eastern Europe Total Market	Addition	HRKRASRA0008	KRAS
STOXX Eastern Europe Total Market	Addition	TRAVANET91A5	METRO TICARI MALI YATIRIMLAR
STOXX Eastern Europe Total Market	Addition	LT0000128571	LIETUVOS ENERGIJOS GAMYBA
STOXX Eastern Europe Total Market	Addition	BG1100086070	SOPHARMA TRADING
STOXX Eastern Europe Total Market	Addition	SI0031103805	CINKARNA REDNE
STOXX Eastern Europe Total Market	Addition	PLSLVCR00029	SELVITA
STOXX Eastern Europe Total Market	Addition	BG11MPKAAT18	M+S HYDRAULIC
STOXX Eastern Europe Total Market	Addition	HRLRHORA0007	LIBURNIA RIVIERA H
STOXX Eastern Europe Total Market	Addition	LT0000102030	GRIGEO
STOXX Eastern Europe Total Market	Addition	LT0000111650	KLAIPEDOS NAFTA
STOXX Eastern Europe Total Market	Addition	TRATUKAS91A3	TUKAS GIDA SANVETC.
STOXX Eastern Europe Total Market	Addition	TRAADNAC91F6	ADANA CIMENTO 'C'
STOXX Eastern Europe Total Market	Addition	PLZATRM00012	GRUPA AZOTY
STOXX Eastern Europe Total Market	Addition	PLRNBWT00031	RAINBOW TOURS SR.B C2 E
STOXX Eastern Europe Total Market	Addition	PLPILAB00012	DATAWALK
STOXX Eastern Europe Total Market	Addition	PLENTER00017	ENTER AIR
STOXX Eastern Europe Total Market	Addition	TRATKBNK91N6	TURKIYE KALKINMA VE YATIRIM
STOXX Eastern Europe Total Market	Deletion	RU0007661302	URALKALI
STOXX Eastern Europe Total Market	Deletion	BG1100014973	CB CENTRAL COOP.BANK
STOXX Eastern Europe Total Market	Deletion	LV0000100659	GRINDEKS
STOXX Eastern Europe Total Market	Deletion	LT0000101446	PANEVEZIO STATYBOS TRESTAS
STOXX Eastern Europe Total Market	Deletion	LV0000100899	LATVIJAS GAZE
STOXX Eastern Europe Total Market	Deletion	PLATTFI00018	ALTUS TFI
STOXX Eastern Europe Total Market	Deletion	HRVARTR10005	VARTEKS
STOXX EU Enlarged Total Market	Addition	BG1100005971	STARA PLANINA HOLD AD
STOXX EU Enlarged Total Market	Addition	HRPTKMRA0005	PETROKEMIJA
STOXX EU Enlarged Total Market	Addition	BG1100075065	MONBAT
STOXX EU Enlarged Total Market	Addition	HRMAISRA0007	MAISTRA
STOXX EU Enlarged Total Market	Addition	CY0004690711	LOUIS
STOXX EU Enlarged Total Market	Addition	HRKRASRA0008	KRAS
STOXX EU Enlarged Total Market	Addition	LT0000128571	LIETUVOS ENERGIJOS GAMYBA
STOXX EU Enlarged Total Market	Addition	BG1100086070	SOPHARMA TRADING
STOXX EU Enlarged Total Market	Addition	SI0031103805	CINKARNA REDNE
STOXX EU Enlarged Total Market	Addition	PLSLVCR00029	SELVITA
STOXX EU Enlarged Total Market	Addition	BG11MPKAAT18	M+S HYDRAULIC
STOXX EU Enlarged Total Market	Addition	HRLRHORA0007	LIBURNIA RIVIERA H
STOXX EU Enlarged Total Market	Addition	LT0000102030	GRIGEO
STOXX EU Enlarged Total Market	Addition	LT0000111650	KLAIPEDOS NAFTA
STOXX EU Enlarged Total Market	Addition	PLZATRM00012	GRUPA AZOTY
STOXX EU Enlarged Total Market	Addition	PLRNBWT00031	RAINBOW TOURS SR.B C2 E
STOXX EU Enlarged Total Market	Addition	PLPILAB00012	DATAWALK
STOXX EU Enlarged Total Market	Addition	PLENTER00017	ENTER AIR
STOXX EU Enlarged Total Market	Deletion	BG1100014973	CB CENTRAL COOP.BANK
STOXX EU Enlarged Total Market	Deletion	LV0000100659	GRINDEKS



STOXX EU Enlarged Total Market	Deletion	LT0000101446	PANEVEZIO STATYBOS TRESTAS
STOXX EU Enlarged Total Market	Deletion	LV0000100899	LATVIJAS GAZE
STOXX EU Enlarged Total Market	Deletion	PLATTFI00018	ALTUS TFI
STOXX EU Enlarged Total Market	Deletion	HRVARTR10005	VARTEKS
STOXX Europe ex Eurozone Total Market	Addition	BMG067231032	AVANCE GAS
STOXX Europe ex Eurozone Total Market	Addition	GB00BYQ46T41	LXI REIT PLC
STOXX Europe ex Eurozone Total Market	Addition	GB00BKDTK925	TRAINLINE PLC
STOXX Europe ex Eurozone Total Market	Addition	PLSLVCR00029	SELVITA
STOXX Europe ex Eurozone Total Market	Addition	GB00BH3VJ782	NETWORK INTERNATIONAL HOLDINGS
STOXX Europe ex Eurozone Total Market	Addition	GB00BZ14BX56	GAMESYS GROUP
STOXX Europe ex Eurozone Total Market	Addition	NO0010564701	PANORO ENERGY
STOXX Europe ex Eurozone Total Market	Addition	PLZATRM00012	GRUPA AZOTY
STOXX Europe ex Eurozone Total Market	Addition	PLRNBWT00031	RAINBOW TOURS SR.B C2 E
STOXX Europe ex Eurozone Total Market	Addition	PLPILAB00012	DATAWALK
STOXX Europe ex Eurozone Total Market	Addition	PLENTER00017	ENTER AIR
STOXX Europe ex Eurozone Total Market	Addition	SE0012853455	EQT
STOXX Europe ex Eurozone Total Market	Addition	SE0009554454	SAMHALLSBYGGNADSBOL AGET NORD
STOXX Europe ex Eurozone Total Market	Deletion	NO0010112675	REC SILICON
STOXX Europe ex Eurozone Total Market	Deletion	GB0006834344	Intu Properties PLC
STOXX Europe ex Eurozone Total Market	Deletion	CH0102659627	GAM
STOXX Europe ex Eurozone Total Market	Deletion	CH0038389992	BB BIOTECH
STOXX Europe ex Eurozone Total Market	Deletion	DK0010218429	BANG AND OLUFSEN
STOXX Europe ex Eurozone Total Market	Deletion	DK0060497295	MATAS
STOXX Europe ex Eurozone Total Market	Deletion	PLATTFI00018	ALTUS TFI
STOXX Europe ex Eurozone Total Market	Deletion	NO0003070609	IDEX BIOMETRICS
STOXX Europe ex Eurozone Total Market	Deletion	GB00B0DG3H29	SIRIUS MINERALS

STOXX Europe ex UK Total Market	Addition	BMG067231032	AVANCE GAS
STOXX Europe ex UK Total Market	Addition	DE000A0TGJ55	VARTA AG
STOXX Europe ex UK Total Market	Addition	DE000A2YN900	TEAMVIEWER AG
STOXX Europe ex UK Total Market	Addition	PLSLVCR00029	SELVITA
STOXX Europe ex UK Total Market	Addition	BMG9349W1038	VEON
STOXX Europe ex UK Total Market	Addition	NO0010564701	PANORO ENERGY
STOXX Europe ex UK Total Market	Addition	PLZATRM00012	GRUPA AZOTY
STOXX Europe ex UK Total Market	Addition	PLRNBWT00031	RAINBOW TOURS SR.B C2 E
STOXX Europe ex UK Total Market	Addition	PLPILAB00012	DATAWALK
STOXX Europe ex UK Total Market	Addition	PLENTER00017	ENTER AIR
STOXX Europe ex UK Total Market	Addition	SE0012853455	EQT
STOXX Europe ex UK Total Market	Addition	SE0009554454	SAMHALLSBYGGNADSBOL AGET NORD
STOXX Europe ex UK Total Market	Deletion	NO0010112675	REC SILICON
STOXX Europe ex UK Total Market	Deletion	CH0102659627	GAM
STOXX Europe ex UK Total Market	Deletion	FR0000045528	CREDIT AGR.ILE DE FRANCE
STOXX Europe ex UK Total Market	Deletion	CH0038389992	BB BIOTECH
STOXX Europe ex UK Total Market	Deletion	DK0010218429	BANG AND OLUFSEN
STOXX Europe ex UK Total Market	Deletion	NL0000337319	BAM GROEP KON.
STOXX Europe ex UK Total Market	Deletion	NL0011375019	STEINHOFF N.V.
STOXX Europe ex UK Total Market	Deletion	DK0060497295	MATAS
STOXX Europe ex UK Total Market	Deletion	PLATTFI00018	ALTUS TFI
STOXX Europe ex UK Total Market	Deletion	FR0012789949	EUROPCAR MOBILITY GROUP
STOXX Europe ex UK Total Market	Deletion	NO0003070609	IDEX BIOMETRICS
STOXX Europe ex UK Total Market	Deletion	FR0013214145	SMCP SAS
STOXX Europe Total Market	Addition	BMG067231032	AVANCE GAS
STOXX Europe Total Market	Addition	GB00BYQ46T41	LXI REIT PLC
STOXX Europe Total Market	Addition	DE000A0TGJ55	VARTA AG
STOXX Europe Total Market	Addition	GB00BKDTK925	TRAINLINE PLC
STOXX Europe Total Market	Addition	DE000A2YN900	TEAMVIEWER AG
STOXX Europe Total Market	Addition	PLSLVCR00029	SELVITA
STOXX Europe Total Market	Addition	GB00BH3VJ782	NETWORK INTERNATIONAL HOLDINGS
STOXX Europe Total Market	Addition	GB00BZ14BX56	GAMESYS GROUP
STOXX Europe Total Market	Addition	BMG9349W1038	VEON
STOXX Europe Total Market	Addition	NO0010564701	PANORO ENERGY
STOXX Europe Total Market	Addition	PLZATRM00012	GRUPA AZOTY
STOXX Europe Total Market	Addition	PLRNBWT00031	RAINBOW TOURS SR.B C2 E
STOXX Europe Total Market	Addition	PLPILAB00012	DATAWALK
STOXX Europe Total Market	Addition	PLENTER00017	ENTER AIR
STOXX Europe Total Market	Addition	SE0012853455	EQT
STOXX Europe Total Market	Addition	SE0009554454	SAMHALLSBYGGNADSBOL AGET NORD
STOXX Europe Total Market	Deletion	NO0010112675	REC SILICON
STOXX Europe Total Market	Deletion	GB0006834344	Intu Properties PLC

STOXX Europe Total Market	Deletion	CH0102659627	GAM
STOXX Europe Total Market	Deletion	FR0000045528	CREDIT AGR.ILE DE FRANCE
STOXX Europe Total Market	Deletion	CH0038389992	BB BIOTECH
STOXX Europe Total Market	Deletion	DK0010218429	BANG AND OLUFSEN
STOXX Europe Total Market	Deletion	NL0000337319	BAM GROEP KON.
STOXX Europe Total Market	Deletion	NL0011375019	STEINHOFF N.V.
STOXX Europe Total Market	Deletion	DK0060497295	MATAS
STOXX Europe Total Market	Deletion	PLATTFI00018	ALTUS TFI
STOXX Europe Total Market	Deletion	FR0012789949	EUROPCAR MOBILITY GROUP
STOXX Europe Total Market	Deletion	NO0003070609	IDEX BIOMETRICS
STOXX Europe Total Market	Deletion	GB00B0DG3H29	SIRIUS MINERALS
STOXX Europe Total Market	Deletion	FR0013214145	SMCP SAS
STOXX Lithuania Total Market	Addition	LT0000128571	LIETUVOS ENERGIJOS GAMYBA
STOXX Lithuania Total Market	Addition	LT0000102030	GRIGEO
STOXX Lithuania Total Market	Addition	LT0000111650	KLAIPEDOS NAFTA
STOXX Lithuania Total Market	Deletion	LT0000101446	PANEVEZIO STATYBOS TRESTAS
STOXX Nordic Total Market	Addition	BMG067231032	AVANCE GAS
STOXX Nordic Total Market	Addition	NO0010564701	PANORO ENERGY
STOXX Nordic Total Market	Addition	SE0012853455	EQT
STOXX Nordic Total Market	Addition	SE0009554454	SAMHALLSBYGGNADSBOL AGET NORD
STOXX Nordic Total Market	Deletion	NO0010112675	REC SILICON
STOXX Nordic Total Market	Deletion	DK0010218429	BANG AND OLUFSEN
STOXX Nordic Total Market	Deletion	DK0060497295	MATAS
STOXX Nordic Total Market	Deletion	NO0003070609	IDEX BIOMETRICS
STOXX Balkan Total Market	Addition	BG1100005971	STARA PLANINA HOLD AD
STOXX Balkan Total Market	Addition	HRPTKMRA0005	PETROKEMIJA
STOXX Balkan Total Market	Addition	BG1100075065	MONBAT
STOXX Balkan Total Market	Addition	HRMAISRA0007	MAISTRA
STOXX Balkan Total Market	Addition	HRKRASRA0008	KRAS
STOXX Balkan Total Market	Addition	TRAVANET91A5	METRO TICARI MALI YATIRIMLAR
STOXX Balkan Total Market	Addition	BG1100086070	SOPHARMA TRADING
STOXX Balkan Total Market	Addition	SI0031103805	CINKARNA REDNE
STOXX Balkan Total Market	Addition	BG11MPKAAT18	M+S HYDRAULIC
STOXX Balkan Total Market	Addition	HRLRHORA0007	LIBURNIA RIVIERA H
STOXX Balkan Total Market	Addition	TRATUKAS91A3	TUKAS GIDA SANVETC.
STOXX Balkan Total Market	Addition	TRAADNAC91F6	ADANA CIMENTO 'C'
STOXX Balkan Total Market	Addition	TRATKBNK91N6	TURKIYE KALKINMA VE YATIRIM
STOXX Balkan Total Market	Deletion	BG1100014973	CB CENTRAL COOP.BANK
STOXX Balkan Total Market	Deletion	HRVARTR10005	VARTEKS
STOXX Argentina Total Market	Addition	ARSAMA010012	IRSA PROPIEDADES COMIT.
STOXX UK Total Market	Addition	GB00BYQ46T41	LXI REIT PLC
STOXX UK Total Market	Addition	GB00BKDTK925	TRAINLINE PLC
STOXX UK Total Market	Addition	GB00BH3VJ782	NETWORK INTERNATIONAL HOLDINGS

STOXX UK Total Market	Addition	GB00BZ14BX56	GAMESYS GROUP
STOXX UK Total Market	Deletion	GB0006834344	Intu Properties PLC
STOXX UK Total Market	Deletion	GB00B0DG3H29	SIRIUS MINERALS
STOXX South Korea Total Market	Addition	KR7002780005	CHIN HUNG INTL.
STOXX South Korea Total Market	Addition	KR7073110009	LMS
STOXX South Korea Total Market	Addition	KR7050110006	CAMMSYS
STOXX South Korea Total Market	Addition	KR7101490001	S&S TECH
STOXX South Korea Total Market	Addition	KR7238090005	NDFOS
STOXX South Korea Total Market	Addition	KR7317330009	DUKSAN TECHOPIA
STOXX South Korea Total Market	Addition	KR700104K010	CJ PREFERENCE SHARES
STOXX South Korea Total Market	Addition	KR7148150006	SE GYUNG HI TECH
STOXX South Korea Total Market	Addition	KR7189300007	INTELLIAN TECHNOLOGIES
STOXX South Korea Total Market	Addition	KR7228670006	RAY
STOXX South Korea Total Market	Addition	KR7043220003	HLB POWER
STOXX South Korea Total Market	Addition	KR7089010003	CHEMTRONICS
STOXX South Korea Total Market	Addition	KR7003580008	NEXT SCIENCE
STOXX South Korea Total Market	Addition	KR7073490005	INNOWIRELESS
STOXX South Korea Total Market	Deletion	KR7000150003	Doosan
STOXX South Korea Total Market	Deletion	KR7025320003	SYNOPEX
STOXX South Korea Total Market	Deletion	KR7000151001	DOOSAN PF.
STOXX China Total Market	Addition	CNE100002RY5	A-LIVING SERVICES 'H'
STOXX Peru Total Market	Addition	PEP218025000	UN.DE CVCS.PRUA. BYJ.I
STOXX Mexico Total Market	Deletion	MX01AL1C0003	ALEATICA
STOXX Colombia Total Market	Deletion	COG31PA00010	Almacenes Exito SA
STOXX India Total Market	Addition	INE180A01020	MAX FINANCIAL SVS.
STOXX India Total Market	Addition	INE600K01018	GALAXY SURFACTANTS
STOXX India Total Market	Addition	INE092T01019	IDFC FIRST BANK
STOXX India Total Market	Addition	INE364U01010	ADANI GREEN ENERGY
STOXX India Total Market	Deletion	INE866R01028	MATRIMONY COM
STOXX India Total Market	Deletion	INE755Q01025	VISHAL FABRICS VISHAL FABRICS
STOXX Brazil Total Market	Addition	BRALSOACNOR5	ALIANSCE SONAE SHOPPING CENTER
STOXX Brazil Total Market	Addition	BRLCAMACNOR3	COMPANHIA DE LOCACAO AMERICAS
STOXX Malaysia Total Market	Addition	MYL5126OO007	SARAWAK OIL PALMS
STOXX Malaysia Total Market	Addition	MYL3476OO008	KECK SENG (MALAYSIA)
STOXX Malaysia Total Market	Addition	MYL6633OO001	LEONG HUP INTERNATIONAL
STOXX Malaysia Total Market	Addition	MYQ0208OO007	GREATECH TECHNOLOGY
STOXX Malaysia Total Market	Deletion	MYL5606OO008	IGB
STOXX Malaysia Total Market	Deletion	MYL7172OO009	PMB TECHNOLOGY
STOXX Australia Total Market	Addition	AU000000CLW0	CHARTER HALL LONG WALE REIT
STOXX Australia Total Market	Addition	AU000000PNV0	POLYNOVO
STOXX Japan Total Market	Addition	JP3809200003	FUJI
STOXX Japan Total Market	Addition	JP3549070005	DIGITAL GARAGE
STOXX Japan Total Market	Addition	JP3149800009	IRISO ELECTRONICS
STOXX Japan Total Market	Addition	JP3168700007	EN-JAPAN
STOXX Japan Total Market	Addition	JP3754500001	JAPAN LIFELINE

STOXX Japan Total Market	Addition	JP3048480002	MITSUBISHI EST.LOGIST. REIT
STOXX Japan Total Market	Addition	JP3648700007	NAGAWA
STOXX Japan Total Market	Addition	JP3761600000	NOJIMA
STOXX Japan Total Market	Addition	JP3795300007	HIRATA
STOXX Japan Total Market	Deletion	JP3132600002	SENSHU IKEDA HOLDINGS
STOXX Japan Total Market	Deletion	JP3601800000	TOHO TITANIUM
STOXX Japan Total Market	Deletion	JP3607800004	TOYO ENGINEERING
STOXX Japan Total Market	Deletion	JP3599000001	TOHO ZINC
STOXX Japan Total Market	Deletion	JP3701200002	NIPPON CHEMI-CON
STOXX Japan Total Market	Deletion	JP3336400001	SANDEN
STOXX Japan Total Market	Deletion	JP3315200000	BANK OF SAGA
STOXX Japan Total Market	Deletion	JP3627800000	TOCHIGI BANK
STOXX Japan Total Market	Deletion	JP3874800000	MARUSAN SECURITIES
STOXX Japan Total Market	Deletion	JP3235700006	IDOM INC
STOXX Japan Total Market	Deletion	JP3741800001	NIHON NOHYAKU
STOXX Japan Total Market	Deletion	JP3951200009	UNITIKA
STOXX Japan Total Market	Deletion	JP3377800002	SHINDENGEN ELEC.MNFG.
STOXX Japan Total Market	Deletion	JP3895200008	MITSUBA
STOXX Japan Total Market	Deletion	JP3256970009	KYOKUTO SECS.
STOXX Japan Total Market	Deletion	JP3651400008	NAMURA SHIPBLDG.
STOXX Japan Total Market	Deletion	JP3130400009	EAGLE INDUSTRY
STOXX Japan Total Market	Deletion	JP3142350002	J TRUST
STOXX Japan Total Market	Deletion	JP3266170004	COOKPAD
STOXX Japan Total Market	Deletion	JP3505970008	W-SCOPE
STOXX Japan Total Market	Deletion	JP3268870007	KLAB
STOXX Japan Total Market	Deletion	JP3836400006	PEPPER FOOD SER
STOXX Japan Total Market	Deletion	JP3831400001	BOURBON
STOXX Japan Total Market	Deletion	JP3930050004	YA-MAN
STOXX Hong Kong Total Market	Addition	KYG3679P1019	FRONTAGE HOLDINGS
STOXX Hong Kong Total Market	Deletion	BMG210901242	CHINA WATER AFFAIRS GP.
STOXX Hong Kong Total Market	Deletion	KYG6700A1004	NVC LIGHTING HOLDING
STOXX Hong Kong Total Market	Deletion	KYG733101318	REDCO GROUP
STOXX Canada Total Market	Addition	CA1264621006	CT REIT.TST.
STOXX Canada Total Market	Addition	CA92937G1090	WPT INDUSTRIAL REIT.TST. (U)
STOXX Canada Total Market	Addition	CA60448E1034	MINTO APARTMENT REIT UNITS
STOXX Canada Total Market	Addition	CA61761E1007	MORGUARD NORTH AMERICAN REIT
STOXX Canada Total Market	Deletion	CA6744822033	Obsidian Energy Ltd
STOXX Canada Total Market	Deletion	CA70706P1045	PENGROWTH ENERGY CORP.
STOXX Canada Total Market	Deletion	CA09784Y1088	BONAVISTA ENERGY
STOXX Canada Total Market	Deletion	CA25822C2058	DOREL INDS.'B' SBVTG.
STOXX Canada Total Market	Deletion	CA4035301080	GUYANA GOLDFIELDS
STOXX Canada Total Market	Deletion	CA8676EP1086	SUNOPTA
STOXX Canada Total Market	Deletion	CA62426E4022	MOUNTAIN PROV.DIAS.
STOXX Canada Total Market	Deletion	CA89531J1093	TREVALI MINING
STOXX Canada Total Market	Deletion	CA1378002077	CANNTRUST HOLDINGS



STOXX Canada Total Market	Deletion	CA6882811046	OSISKO MINING
STOXX Chile Total Market	Addition	CLP0170E1065	ALMENDRAL
STOXX Chile Total Market	Addition	CL0001892539	HORTIFRUT
STOXX Chile Total Market	Addition	CL0002539816	CENCOSUD SHOPPING
STOXX Morocco Total Market	Deletion	MA0000011454	CR.IMMOBIL.ET HOTELIER
STOXX Morocco Total Market	Deletion	MA0000011793	MINIERE TOUISSIT
STOXX Morocco Total Market	Deletion	MA0000012031	LESIEUR CRISTAL
STOXX East Asia Total Market	Addition	JP3809200003	FUJI
STOXX East Asia Total Market	Addition	KR7002780005	CHIN HUNG INTL.
STOXX East Asia Total Market	Addition	KR7073110009	LMS
STOXX East Asia Total Market	Addition	JP3549070005	DIGITAL GARAGE
STOXX East Asia Total Market	Addition	MYL512600007	SARAWAK OIL PALMS
STOXX East Asia Total Market	Addition	MYL347600008	KECK SENG (MALAYSIA)
STOXX East Asia Total Market	Addition	TH0027010Z03	SAHA PATH.INTER-HOLDING
STOXX East Asia Total Market	Addition	ID1000113905	ELANG MAHKOTA TEKNOLOGI
STOXX East Asia Total Market	Addition	JP3149800009	IRISO ELECTRONICS
STOXX East Asia Total Market	Addition	KR7050110006	CAMMSYS
STOXX East Asia Total Market	Addition	KR7101490001	S&S TECH
STOXX East Asia Total Market	Addition	KR7238090005	NDFOS
STOXX East Asia Total Market	Addition	ID1000144009	TRANSCOAL PACIFIC
STOXX East Asia Total Market	Addition	KYG3679P1019	FRONTAGE HOLDINGS
STOXX East Asia Total Market	Addition	JP3168700007	EN-JAPAN
STOXX East Asia Total Market	Addition	JP3754500001	JAPAN LIFELINE
STOXX East Asia Total Market	Addition	JP3048480002	MITSUBISHI EST.LOGIST. REIT
STOXX East Asia Total Market	Addition	JP3648700007	NAGAWA
STOXX East Asia Total Market	Addition	JP3761600000	NOJIMA
STOXX East Asia Total Market	Addition	JP3795300007	HIRATA
STOXX East Asia Total Market	Addition	CNE100002RY5	A-LIVING SERVICES 'H'
STOXX East Asia Total Market	Addition	ID1000144405	POLLUX PROPRTI INDONESIA
STOXX East Asia Total Market	Addition	ID1000144108	MAP AKTIF ADIPERKASA
STOXX East Asia Total Market	Addition	ID1000147903	CITRA PUTRA REALTY
STOXX East Asia Total Market	Addition	ID1000094402	BANK OCBC NISP
STOXX East Asia Total Market	Addition	ID1000146301	MAHA PROPRTI INDONESIA
STOXX East Asia Total Market	Addition	ID1000150402	MNC VISION NETWORKS
STOXX East Asia Total Market	Addition	KR7317330009	DUKSAN TECHOPIA
STOXX East Asia Total Market	Addition	KR700104K010	CJ PREFERENCE SHARES
STOXX East Asia Total Market	Addition	KR7148150006	SE GYUNG HI TECH
STOXX East Asia Total Market	Addition	KR7189300007	INTELLIAN TECHNOLOGIES
STOXX East Asia Total Market	Addition	KR7228670006	RAY
STOXX East Asia Total Market	Addition	KR7043220003	HLB POWER
STOXX East Asia Total Market	Addition	KR7089010003	CHEMTRONICS
STOXX East Asia Total Market	Addition	KR7003580008	NEXT SCIENCE
STOXX East Asia Total Market	Addition	KR7073490005	INNOWIRELESS
STOXX East Asia Total Market	Addition	MYL663300001	LEONG HUP INTERNATIONAL
STOXX East Asia Total Market	Addition	MYQ020800007	GREATECH TECHNOLOGY

STOXX East Asia Total Market	Addition	TH8351010005	CPN RETAIL GROWTH LEASE REIT
STOXX East Asia Total Market	Addition	TH6172010006	FRASERS PROP THA INDUST REIT
STOXX East Asia Total Market	Addition	TH9301010004	DOHOME
STOXX East Asia Total Market	Addition	TW0004968003	RICHWAVE TECHNOLOGY
STOXX East Asia Total Market	Addition	VN000000KOS6	KOSY
STOXX East Asia Total Market	Addition	VN000000DBC2	DABACO VIETNAM
STOXX East Asia Total Market	Deletion	JP3132600002	SENSHU IKEDA HOLDINGS
STOXX East Asia Total Market	Deletion	JP3601800000	TOHO TITANIUM
STOXX East Asia Total Market	Deletion	JP3607800004	TOYO ENGINEERING
STOXX East Asia Total Market	Deletion	JP3599000001	TOHO ZINC
STOXX East Asia Total Market	Deletion	JP3701200002	NIPPON CHEMI-CON
STOXX East Asia Total Market	Deletion	BMG210901242	CHINA WATER AFFAIRS GP.
STOXX East Asia Total Market	Deletion	JP3336400001	SANDEN
STOXX East Asia Total Market	Deletion	JP3315200000	BANK OF SAGA
STOXX East Asia Total Market	Deletion	JP3627800000	TOCHIGI BANK
STOXX East Asia Total Market	Deletion	JP3874800000	MARUSAN SECURITIES
STOXX East Asia Total Market	Deletion	JP3235700006	IDOM INC
STOXX East Asia Total Market	Deletion	JP3741800001	NIHON NOHYAKU
STOXX East Asia Total Market	Deletion	JP3951200009	UNITIKA
STOXX East Asia Total Market	Deletion	JP3377800002	SHINDENGEN ELEC.MNFG.
STOXX East Asia Total Market	Deletion	JP3895200008	MITSUBA
STOXX East Asia Total Market	Deletion	JP3256970009	KYOKUTO SECS.
STOXX East Asia Total Market	Deletion	JP3651400008	NAMURA SHIPBLDG.
STOXX East Asia Total Market	Deletion	KYG6700A1004	NVC LIGHTING HOLDING
STOXX East Asia Total Market	Deletion	JP3130400009	EAGLE INDUSTRY
STOXX East Asia Total Market	Deletion	KR7000150003	Doosan
STOXX East Asia Total Market	Deletion	KR7025320003	SYNOPEX
STOXX East Asia Total Market	Deletion	KR7000151001	DOOSAN PF.
STOXX East Asia Total Market	Deletion	JP3142350002	J TRUST
STOXX East Asia Total Market	Deletion	MYL5606OO008	IGB
STOXX East Asia Total Market	Deletion	KYG733101318	REDCO GROUP
STOXX East Asia Total Market	Deletion	JP3266170004	COOKPAD
STOXX East Asia Total Market	Deletion	TH0985010006	MUANG THAI INSURANCE
STOXX East Asia Total Market	Deletion	JP3505970008	W-SCOPE
STOXX East Asia Total Market	Deletion	JP3268870007	KLAB
STOXX East Asia Total Market	Deletion	JP3836400006	PEPPER FOOD SER
STOXX East Asia Total Market	Deletion	JP3831400001	BOURBON
STOXX East Asia Total Market	Deletion	JP3930050004	YA-MAN
STOXX East Asia Total Market	Deletion	MYL7172OO009	PMB TECHNOLOGY
STOXX East Asia Total Market	Deletion	ID1000124605	CITY RETAIL DEVELOPMENTS
STOXX Developed Markets Total Market	Addition	JP3809200003	FUJI
STOXX Developed Markets Total Market	Addition	JP3549070005	DIGITAL GARAGE
STOXX Developed Markets Total Market	Addition	BMG067231032	AVANCE GAS

Market			
STOXX Developed Markets Total Market	Addition	JP3149800009	IRISO ELECTRONICS
STOXX Developed Markets Total Market	Addition	GB00BYQ46T41	LXI REIT PLC
STOXX Developed Markets Total Market	Addition	DE000A0TGJ55	VARTA AG
STOXX Developed Markets Total Market	Addition	US45841N1072	INTERACTIVE BROKERS GROUP A
STOXX Developed Markets Total Market	Addition	GB00BKDTK925	TRAINLINE PLC
STOXX Developed Markets Total Market	Addition	DE000A2YN900	TEAMVIEWER AG
STOXX Developed Markets Total Market	Addition	PLSLVCR00029	SELVITA
STOXX Developed Markets Total Market	Addition	AU000000CLW0	CHARTER HALL LONG WALE REIT
STOXX Developed Markets Total Market	Addition	AU000000PNV0	POLYNOVO
STOXX Developed Markets Total Market	Addition	CA1264621006	CT REIT.TST.
STOXX Developed Markets Total Market	Addition	CA92937G1090	WPT INDUSTRIAL REIT.TST. (U)
STOXX Developed Markets Total Market	Addition	CA60448E1034	MINTO APARTMENT REIT UNITS
STOXX Developed Markets Total Market	Addition	CA61761E1007	MORGUARD NORTH AMERICAN REIT
STOXX Developed Markets Total Market	Addition	KYG3679P1019	FRONTAGE HOLDINGS
STOXX Developed Markets Total Market	Addition	JP3168700007	EN-JAPAN
STOXX Developed Markets Total Market	Addition	JP3754500001	JAPAN LIFELINE
STOXX Developed Markets Total Market	Addition	JP3048480002	MITSUBISHI EST.LOGIST. REIT
STOXX Developed Markets Total Market	Addition	JP3648700007	NAGAWA
STOXX Developed Markets Total Market	Addition	JP3761600000	NOJIMA
STOXX Developed Markets Total Market	Addition	JP3795300007	HIRATA
STOXX Developed Markets Total Market	Addition	GB00BFMBMT84	SENSATA TECHS.HLDG.
STOXX Developed Markets Total Market	Addition	US2681501092	DYNATRACE
STOXX Developed Markets Total Market	Addition	LU0914713705	INTELSAT
STOXX Developed Markets Total Market	Addition	NL0011327523	WRIGHT MEDICAL GROUP

STOXX Developed Markets Total Market	Addition	US24344T1016	DECIPHERA PHARMS.
STOXX Developed Markets Total Market	Addition	US65290C1053	NEXTIER OILFIELD SOLUTIONS
STOXX Developed Markets Total Market	Addition	US00448Q2012	ACHILLION PHARMS.
STOXX Developed Markets Total Market	Addition	US14161W1053	CARDLYTICS
STOXX Developed Markets Total Market	Addition	US29975E1091	EVENTBRITE A
STOXX Developed Markets Total Market	Addition	US8004221078	JOHN B SANFILIPPO & SON
STOXX Developed Markets Total Market	Addition	US6075251024	MODEL N
STOXX Developed Markets Total Market	Addition	IL0011590291	TEL AVIV STOCK EXCHANGE
STOXX Developed Markets Total Market	Addition	IL0011569261	GENERATION CAPITAL
STOXX Developed Markets Total Market	Addition	IL0007150118	AZORIM INVDV.&.CON.
STOXX Developed Markets Total Market	Addition	GB00BH3VJ782	NETWORK INTERNATIONAL HOLDINGS
STOXX Developed Markets Total Market	Addition	GB00BZ14BX56	GAMESYS GROUP
STOXX Developed Markets Total Market	Addition	BMG9349W1038	VEON
STOXX Developed Markets Total Market	Addition	NO0010564701	PANORO ENERGY
STOXX Developed Markets Total Market	Addition	PLZATRM00012	GRUPA AZOTY
STOXX Developed Markets Total Market	Addition	PLRNBWT00031	RAINBOW TOURS SR.B C2 E
STOXX Developed Markets Total Market	Addition	PLPILAB00012	DATAWALK
STOXX Developed Markets Total Market	Addition	PLENTER00017	ENTER AIR
STOXX Developed Markets Total Market	Addition	SE0012853455	EQT
STOXX Developed Markets Total Market	Addition	SE0009554454	SAMHALLSBYGGNADSBOL AGET NORD
STOXX Developed Markets Total Market	Deletion	NO0010112675	REC SILICON
STOXX Developed Markets Total Market	Deletion	GB0006834344	Intu Properties PLC
STOXX Developed Markets Total Market	Deletion	CH0102659627	GAM
STOXX Developed Markets Total Market	Deletion	FR0000045528	CREDIT AGR.ILE DE FRANCE
STOXX Developed Markets Total Market	Deletion	CH0038389992	BB BIOTECH

Market			
STOXX Developed Markets Total Market	Deletion	DK0010218429	BANG AND OLUFSEN
STOXX Developed Markets Total Market	Deletion	NL0000337319	BAM GROEP KON.
STOXX Developed Markets Total Market	Deletion	PAL1201471A1	MCDERMOTT INTL.
STOXX Developed Markets Total Market	Deletion	CA6744822033	Obsidian Energy Ltd
STOXX Developed Markets Total Market	Deletion	US9092181091	UNIT
STOXX Developed Markets Total Market	Deletion	CA70706P1045	PENGROWTH ENERGY CORP.
STOXX Developed Markets Total Market	Deletion	CA09784Y1088	BONAVISTA ENERGY
STOXX Developed Markets Total Market	Deletion	CA25822C2058	DOREL INDS.'B' SBVTG.
STOXX Developed Markets Total Market	Deletion	JP3132600002	SENSHU IKEDA HOLDINGS
STOXX Developed Markets Total Market	Deletion	JP3601800000	TOHO TITANIUM
STOXX Developed Markets Total Market	Deletion	JP3607800004	TOYO ENGINEERING
STOXX Developed Markets Total Market	Deletion	JP3599000001	TOHO ZINC
STOXX Developed Markets Total Market	Deletion	JP3701200002	NIPPON CHEMI-CON
STOXX Developed Markets Total Market	Deletion	BMG210901242	CHINA WATER AFFAIRS GP.
STOXX Developed Markets Total Market	Deletion	JP3336400001	SANDEN
STOXX Developed Markets Total Market	Deletion	JP3315200000	BANK OF SAGA
STOXX Developed Markets Total Market	Deletion	JP3627800000	TOCHIGI BANK
STOXX Developed Markets Total Market	Deletion	JP3874800000	MARUSAN SECURITIES
STOXX Developed Markets Total Market	Deletion	JP3235700006	IDOM INC
STOXX Developed Markets Total Market	Deletion	JP3741800001	NIHON NOHYAKU
STOXX Developed Markets Total Market	Deletion	JP3951200009	UNITIKA
STOXX Developed Markets Total Market	Deletion	JP3377800002	SHINDENGEN ELEC.MNFG.
STOXX Developed Markets Total Market	Deletion	JP3895200008	MITSUBA
STOXX Developed Markets Total Market	Deletion	JP3256970009	KYOKUTO SECS.



STOXX Developed Markets Total Market	Deletion	JP3651400008	NAMURA SHIPBLDG.
STOXX Developed Markets Total Market	Deletion	KYG6700A1004	NVC LIGHTING HOLDING
STOXX Developed Markets Total Market	Deletion	JP3130400009	EAGLE INDUSTRY
STOXX Developed Markets Total Market	Deletion	NL0011375019	STEINHOFF N.V.
STOXX Developed Markets Total Market	Deletion	CA4035301080	GUYANA GOLDFIELDS
STOXX Developed Markets Total Market	Deletion	JP3142350002	J TRUST
STOXX Developed Markets Total Market	Deletion	IE00BBGT3753	Mallinckrodt
STOXX Developed Markets Total Market	Deletion	DK0060497295	MATAS
STOXX Developed Markets Total Market	Deletion	CA8676EP1086	SUNOPTA
STOXX Developed Markets Total Market	Deletion	US75508B1044	RAYONIER ADV.D.MATERIALS
STOXX Developed Markets Total Market	Deletion	PLATTFI00018	ALTUS TFI
STOXX Developed Markets Total Market	Deletion	US74587V1070	PUMA BIOTECHNOLOGY
STOXX Developed Markets Total Market	Deletion	FR0012789949	EUROPCAR MOBILITY GROUP
STOXX Developed Markets Total Market	Deletion	KYG733101318	REDCO GROUP
STOXX Developed Markets Total Market	Deletion	JP3266170004	COOKPAD
STOXX Developed Markets Total Market	Deletion	NO0003070609	IDEX BIOMETRICS
STOXX Developed Markets Total Market	Deletion	US1894641000	CLOVIS ONCOLOGY
STOXX Developed Markets Total Market	Deletion	CA62426E4022	MOUNTAIN PROV.DIAS.
STOXX Developed Markets Total Market	Deletion	JP3505970008	W-SCOPE
STOXX Developed Markets Total Market	Deletion	GB00B0DG3H29	SIRIUS MINERALS
STOXX Developed Markets Total Market	Deletion	JP3268870007	KLAB
STOXX Developed Markets Total Market	Deletion	FR0013214145	SMCP SAS
STOXX Developed Markets Total Market	Deletion	CA89531J1093	TREVALI MINING
STOXX Developed Markets Total Market	Deletion	JP3836400006	PEPPER FOOD SER
STOXX Developed Markets Total Market	Deletion	JP3831400001	BOURBON

Market			
STOXX Developed Markets Total Market	Deletion	JP3930050004	YA-MAN
STOXX Developed Markets Total Market	Deletion	CA1378002077	CANNTRUST HOLDINGS
STOXX Developed Markets Total Market	Deletion	US13057Q2066	CALIFORNIA RESOURCES
STOXX Developed Markets Total Market	Deletion	VGG569811067	LUOKUNG TECHNOLOGY
STOXX Developed Markets Total Market	Deletion	NL0012661870	INFLARX
STOXX Developed Markets Total Market	Deletion	US7496601060	RPC
STOXX Developed Markets Total Market	Deletion	KYG5784H1065	MANCHESTER UNITED CL.A
STOXX Developed Markets Total Market	Deletion	US09058V1035	BIOCRYST PHARMS.
STOXX Developed Markets Total Market	Deletion	US0937121079	BLOOM ENERGY A
STOXX Developed Markets Total Market	Deletion	US9307521008	WAITR HOLDINGS
STOXX Developed Markets Total Market	Deletion	US2057683029	COMSTOCK RES.
STOXX Developed Markets Total Market	Deletion	CA6882811046	OSISKO MINING
STOXX Developed and Emerging Markets Total Market	Addition	TRAVANET91A5	METRO TICARI MALI YATIRIMLAR
STOXX Developed and Emerging Markets Total Market	Addition	JP3809200003	FUJI
STOXX Developed and Emerging Markets Total Market	Addition	CLP0170E1065	ALMENDRAL
STOXX Developed and Emerging Markets Total Market	Addition	INE180A01020	MAX FINANCIAL SVS.
STOXX Developed and Emerging Markets Total Market	Addition	KR7002780005	CHIN HUNG INTL.
STOXX Developed and Emerging Markets Total Market	Addition	KR7073110009	LMS
STOXX Developed and Emerging Markets Total Market	Addition	JP3549070005	DIGITAL GARAGE
STOXX Developed and Emerging Markets Total Market	Addition	MYL5126OO007	SARAWAK OIL PALMS
STOXX Developed and Emerging Markets Total Market	Addition	MYL3476OO008	KECK SENG (MALAYSIA)
STOXX Developed and Emerging Markets Total Market	Addition	PK0075101011	AZGARD NINE
STOXX Developed and Emerging Markets Total Market	Addition	TH0027010Z03	SAHA PATH.INTER-HOLDING
STOXX Developed and Emerging Markets Total Market	Addition	EGS3D041C017	EL EZZ ALDK.STEEL ALEXA.

STOXX Developed and Emerging Markets Total Market	Addition	ID1000113905	ELANG MAHKOTA TEKNOLOGI
STOXX Developed and Emerging Markets Total Market	Addition	BMG067231032	AVANCE GAS
STOXX Developed and Emerging Markets Total Market	Addition	JP3149800009	IRISO ELECTRONICS
STOXX Developed and Emerging Markets Total Market	Addition	ZAE000248811	DISTELL GROUP HLDGS
STOXX Developed and Emerging Markets Total Market	Addition	KR7050110006	CAMMSYS
STOXX Developed and Emerging Markets Total Market	Addition	KR7101490001	S&S TECH
STOXX Developed and Emerging Markets Total Market	Addition	EGS60321C014	FAISAL ISLAMIC BANK OF EGYPT
STOXX Developed and Emerging Markets Total Market	Addition	PK0037801013	NATIONAL FOODS
STOXX Developed and Emerging Markets Total Market	Addition	KR7238090005	NDFOS
STOXX Developed and Emerging Markets Total Market	Addition	GB00BYQ46T41	LXI REIT PLC
STOXX Developed and Emerging Markets Total Market	Addition	EGS30AL1C012	OBOUR LAND FOR FOOD INDUSTRIES
STOXX Developed and Emerging Markets Total Market	Addition	DE000A0TGJ55	VARTA AG
STOXX Developed and Emerging Markets Total Market	Addition	US45841N1072	INTERACTIVE BROKERS GROUP A
STOXX Developed and Emerging Markets Total Market	Addition	CL0001892539	HORTIFRUT
STOXX Developed and Emerging Markets Total Market	Addition	INE600K01018	GALAXY SURFACTANTS
STOXX Developed and Emerging Markets Total Market	Addition	ID1000144009	TRANSCOAL PACIFIC
STOXX Developed and Emerging Markets Total Market	Addition	GB00BKDTK925	TRAINLINE PLC
STOXX Developed and Emerging Markets Total Market	Addition	DE000A2YN900	TEAMVIEWER AG
STOXX Developed and Emerging Markets Total Market	Addition	PLSLVCR00029	SELVITA
STOXX Developed and Emerging Markets Total Market	Addition	AU000000CLW0	CHARTER HALL LONG WALE REIT
STOXX Developed and Emerging Markets Total Market	Addition	AU000000PNV0	POLYNOVO
STOXX Developed and Emerging Markets Total Market	Addition	CA1264621006	CT REIT.TST.
STOXX Developed and Emerging Markets Total Market	Addition	CA92937G1090	WPT INDUSTRIAL REIT.TST. (U)
STOXX Developed and Emerging Markets Total Market	Addition	CA60448E1034	MINTO APARTMENT REIT UNITS
STOXX Developed and Emerging Markets Total Market	Addition	CA61761E1007	MORGUARD NORTH AMERICAN REIT

Markets Total Market			
STOXX Developed and Emerging Markets Total Market	Addition	KYG3679P1019	FRONTAGE HOLDINGS
STOXX Developed and Emerging Markets Total Market	Addition	JP3168700007	EN-JAPAN
STOXX Developed and Emerging Markets Total Market	Addition	JP3754500001	JAPAN LIFELINE
STOXX Developed and Emerging Markets Total Market	Addition	JP3048480002	MITSUBISHI EST.LOGIST. REIT
STOXX Developed and Emerging Markets Total Market	Addition	JP3648700007	NAGAWA
STOXX Developed and Emerging Markets Total Market	Addition	JP3761600000	NOJIMA
STOXX Developed and Emerging Markets Total Market	Addition	JP3795300007	HIRATA
STOXX Developed and Emerging Markets Total Market	Addition	GB00BFMBMT84	SENSATA TECHS.HLDG.
STOXX Developed and Emerging Markets Total Market	Addition	US2681501092	DYNATRACE
STOXX Developed and Emerging Markets Total Market	Addition	LU0914713705	INTELSAT
STOXX Developed and Emerging Markets Total Market	Addition	NL0011327523	WRIGHT MEDICAL GROUP
STOXX Developed and Emerging Markets Total Market	Addition	US24344T1016	DECIPHERA PHARMS.
STOXX Developed and Emerging Markets Total Market	Addition	US65290C1053	NEXTIER OILFIELD SOLUTIONS
STOXX Developed and Emerging Markets Total Market	Addition	US00448Q2012	ACHILLION PHARMS.
STOXX Developed and Emerging Markets Total Market	Addition	US14161W1053	CARDLYTICS
STOXX Developed and Emerging Markets Total Market	Addition	US29975E1091	EVENTBRITE A
STOXX Developed and Emerging Markets Total Market	Addition	US8004221078	JOHN B SANFILIPPO & SON
STOXX Developed and Emerging Markets Total Market	Addition	US6075251024	MODEL N
STOXX Developed and Emerging Markets Total Market	Addition	CNE100002RY5	A-LIVING SERVICES 'H'
STOXX Developed and Emerging Markets Total Market	Addition	TRATUKAS91A3	TUKAS GIDA SANVETC.
STOXX Developed and Emerging Markets Total Market	Addition	TRAADNAC91F6	ADANA CIMENTO 'C'
STOXX Developed and Emerging Markets Total Market	Addition	BRALSOACNOR5	ALIANSCOE SONAE SHOPPING CENTER
STOXX Developed and Emerging Markets Total Market	Addition	BRLCAMACNOR3	COMPANHIA DE LOCACAO AMERICAS
STOXX Developed and Emerging Markets Total Market	Addition	CL0002539816	CENCOSUD SHOPPING

STOXX Developed and Emerging Markets Total Market	Addition	EGS745L1C014	FAWRY FOR BKG.TECH
STOXX Developed and Emerging Markets Total Market	Addition	ID1000144405	POLLUX PROPERTI INDONESIA
STOXX Developed and Emerging Markets Total Market	Addition	ID1000144108	MAP AKTIF ADIPERKASA
STOXX Developed and Emerging Markets Total Market	Addition	ID1000147903	CITRA PUTRA REALTY
STOXX Developed and Emerging Markets Total Market	Addition	ID1000094402	BANK OCBC NISP
STOXX Developed and Emerging Markets Total Market	Addition	ID1000146301	MAHA PROPERTI INDONESIA
STOXX Developed and Emerging Markets Total Market	Addition	ID1000150402	MNC VISION NETWORKS
STOXX Developed and Emerging Markets Total Market	Addition	IL0011590291	TEL AVIV STOCK EXCHANGE
STOXX Developed and Emerging Markets Total Market	Addition	IL0011569261	GENERATION CAPITAL
STOXX Developed and Emerging Markets Total Market	Addition	IL0007150118	AZORIM INVDV.&.CON.
STOXX Developed and Emerging Markets Total Market	Addition	INE092T01019	IDFC FIRST BANK
STOXX Developed and Emerging Markets Total Market	Addition	INE364U01010	ADANI GREEN ENERGY
STOXX Developed and Emerging Markets Total Market	Addition	KR7317330009	DUKSAN TECHOPIA
STOXX Developed and Emerging Markets Total Market	Addition	KR700104K010	CJ PREFERENCE SHARES
STOXX Developed and Emerging Markets Total Market	Addition	KR7148150006	SE GYUNG HI TECH
STOXX Developed and Emerging Markets Total Market	Addition	KR7189300007	INTELLIAN TECHNOLOGIES
STOXX Developed and Emerging Markets Total Market	Addition	KR7228670006	RAY
STOXX Developed and Emerging Markets Total Market	Addition	KR7043220003	HLB POWER
STOXX Developed and Emerging Markets Total Market	Addition	KR7089010003	CHEMTRONICS
STOXX Developed and Emerging Markets Total Market	Addition	KR7003580008	NEXT SCIENCE
STOXX Developed and Emerging Markets Total Market	Addition	KR7073490005	INNOWIRELESS
STOXX Developed and Emerging Markets Total Market	Addition	MYL66330O001	LEONG HUP INTERNATIONAL
STOXX Developed and Emerging Markets Total Market	Addition	MYQ02080O007	GREATECH TECHNOLOGY
STOXX Developed and Emerging Markets Total Market	Addition	PK0112101016	GLXSK.CSM.HLTHCR. PAK.
STOXX Developed and Emerging Markets Total Market	Addition	TH8351010005	CPN RETAIL GROWTH LEASE REIT



Markets Total Market			
STOXX Developed and Emerging Markets Total Market	Addition	TH6172010006	FRASERS PROP THA INDUST REIT
STOXX Developed and Emerging Markets Total Market	Addition	TH9301010004	DOHOME
STOXX Developed and Emerging Markets Total Market	Addition	TW0004968003	RICHWAVE TECHNOLOGY
STOXX Developed and Emerging Markets Total Market	Addition	VN000000KOS6	KOSY
STOXX Developed and Emerging Markets Total Market	Addition	VN000000DBC2	DABACO VIETNAM
STOXX Developed and Emerging Markets Total Market	Addition	ZAE000248498	FORTRESS REIT A
STOXX Developed and Emerging Markets Total Market	Addition	GB00BH3VJ782	NETWORK INTERNATIONAL HOLDINGS
STOXX Developed and Emerging Markets Total Market	Addition	GB00BZ14BX56	GAMESYS GROUP
STOXX Developed and Emerging Markets Total Market	Addition	BMG9349W1038	VEON
STOXX Developed and Emerging Markets Total Market	Addition	NO0010564701	PANORO ENERGY
STOXX Developed and Emerging Markets Total Market	Addition	PLZATRM00012	GRUPA AZOTY
STOXX Developed and Emerging Markets Total Market	Addition	PLRNBWT00031	RAINBOW TOURS SR.B C2 E
STOXX Developed and Emerging Markets Total Market	Addition	PLPILAB00012	DATAWALK
STOXX Developed and Emerging Markets Total Market	Addition	PLENTER00017	ENTER AIR
STOXX Developed and Emerging Markets Total Market	Addition	SE0012853455	EQT
STOXX Developed and Emerging Markets Total Market	Addition	SE0009554454	SAMHALLSBYGGNADSBOL AGET NORD
STOXX Developed and Emerging Markets Total Market	Addition	TRATKBNK91N6	TURKIYE KALKINMA VE YATIRIM
STOXX Developed and Emerging Markets Total Market	Deletion	RU0007661302	URALKALI
STOXX Developed and Emerging Markets Total Market	Deletion	NO0010112675	REC SILICON
STOXX Developed and Emerging Markets Total Market	Deletion	GB0006834344	Intu Properties PLC
STOXX Developed and Emerging Markets Total Market	Deletion	CH0102659627	GAM
STOXX Developed and Emerging Markets Total Market	Deletion	FR0000045528	CREDIT AGR.ILE DE FRANCE
STOXX Developed and Emerging Markets Total Market	Deletion	CH0038389992	BB BIOTECH
STOXX Developed and Emerging Markets Total Market	Deletion	DK0010218429	BANG AND OLUFSEN

STOXX Developed and Emerging Markets Total Market	Deletion	NL0000337319	BAM GROEP KON.
STOXX Developed and Emerging Markets Total Market	Deletion	PAL1201471A1	MCDERMOTT INTL.
STOXX Developed and Emerging Markets Total Market	Deletion	CA6744822033	Obsidian Energy Ltd
STOXX Developed and Emerging Markets Total Market	Deletion	US9092181091	UNIT
STOXX Developed and Emerging Markets Total Market	Deletion	CA70706P1045	PENGROWTH ENERGY CORP.
STOXX Developed and Emerging Markets Total Market	Deletion	CA09784Y1088	BONAVISTA ENERGY
STOXX Developed and Emerging Markets Total Market	Deletion	CA25822C2058	DOREL INDS.'B' SBVTG.
STOXX Developed and Emerging Markets Total Market	Deletion	JP3132600002	SENSHU IKEDA HOLDINGS
STOXX Developed and Emerging Markets Total Market	Deletion	JP3601800000	TOHO TITANIUM
STOXX Developed and Emerging Markets Total Market	Deletion	JP3607800004	TOYO ENGINEERING
STOXX Developed and Emerging Markets Total Market	Deletion	JP3599000001	TOHO ZINC
STOXX Developed and Emerging Markets Total Market	Deletion	JP3701200002	NIPPON CHEMI-CON
STOXX Developed and Emerging Markets Total Market	Deletion	BMG210901242	CHINA WATER AFFAIRS GP.
STOXX Developed and Emerging Markets Total Market	Deletion	JP3336400001	SANDEN
STOXX Developed and Emerging Markets Total Market	Deletion	JP3315200000	BANK OF SAGA
STOXX Developed and Emerging Markets Total Market	Deletion	JP3627800000	TOCHIGI BANK
STOXX Developed and Emerging Markets Total Market	Deletion	JP3874800000	MARUSAN SECURITIES
STOXX Developed and Emerging Markets Total Market	Deletion	JP3235700006	IDOM INC
STOXX Developed and Emerging Markets Total Market	Deletion	JP3741800001	NIHON NOHYAKU
STOXX Developed and Emerging Markets Total Market	Deletion	JP3951200009	UNITIKA
STOXX Developed and Emerging Markets Total Market	Deletion	JP3377800002	SHINDENGEN ELEC.MNFG.
STOXX Developed and Emerging Markets Total Market	Deletion	JP3895200008	MITSUBA
STOXX Developed and Emerging Markets Total Market	Deletion	JP3256970009	KYOKUTO SECS.
STOXX Developed and Emerging Markets Total Market	Deletion	JP3651400008	NAMURA SHIPBLDG.
STOXX Developed and Emerging Markets Total Market	Deletion	KYG6700A1004	NVC LIGHTING HOLDING

Markets Total Market			
STOXX Developed and Emerging Markets Total Market	Deletion	JP3130400009	EAGLE INDUSTRY
STOXX Developed and Emerging Markets Total Market	Deletion	COG31PA00010	Almacenes Exito SA
STOXX Developed and Emerging Markets Total Market	Deletion	NL0011375019	STEINHOFF N.V.
STOXX Developed and Emerging Markets Total Market	Deletion	KR7000150003	Doosan
STOXX Developed and Emerging Markets Total Market	Deletion	KR7025320003	SYNOPEX
STOXX Developed and Emerging Markets Total Market	Deletion	CA4035301080	GUYANA GOLDFIELDS
STOXX Developed and Emerging Markets Total Market	Deletion	MX01AL1C0003	ALEATICA
STOXX Developed and Emerging Markets Total Market	Deletion	KR7000151001	DOOSAN PF.
STOXX Developed and Emerging Markets Total Market	Deletion	EGS60081C014	QATAR NATIONAL BANK ALAHLY
STOXX Developed and Emerging Markets Total Market	Deletion	PK0077701016	ARIF HABIB CORPORATION
STOXX Developed and Emerging Markets Total Market	Deletion	PK0094301014	NISHAT POWER
STOXX Developed and Emerging Markets Total Market	Deletion	JP3142350002	J TRUST
STOXX Developed and Emerging Markets Total Market	Deletion	MYL5606OO008	IGB
STOXX Developed and Emerging Markets Total Market	Deletion	IE00BBGT3753	Mallinckrodt
STOXX Developed and Emerging Markets Total Market	Deletion	DK0060497295	MATAS
STOXX Developed and Emerging Markets Total Market	Deletion	CA8676EP1086	SUNOPTA
STOXX Developed and Emerging Markets Total Market	Deletion	US75508B1044	RAYONIER ADVD.MATERIALS
STOXX Developed and Emerging Markets Total Market	Deletion	PLATTFI00018	ALTUS TFI
STOXX Developed and Emerging Markets Total Market	Deletion	US74587V1070	PUMA BIOTECHNOLOGY
STOXX Developed and Emerging Markets Total Market	Deletion	FR0012789949	EUROPCAR MOBILITY GROUP
STOXX Developed and Emerging Markets Total Market	Deletion	KYG733101318	REDCO GROUP
STOXX Developed and Emerging Markets Total Market	Deletion	JP3266170004	COOKPAD
STOXX Developed and Emerging Markets Total Market	Deletion	NO0003070609	IDEX BIOMETRICS
STOXX Developed and Emerging Markets Total Market	Deletion	US1894641000	CLOVIS ONCOLOGY

STOXX Developed and Emerging Markets Total Market	Deletion	TH0985010006	MUANG THAI INSURANCE
STOXX Developed and Emerging Markets Total Market	Deletion	CA62426E4022	MOUNTAIN PROV.DIAS.
STOXX Developed and Emerging Markets Total Market	Deletion	JP3505970008	W-SCOPE
STOXX Developed and Emerging Markets Total Market	Deletion	PK0009201010	ATLAS HONDA
STOXX Developed and Emerging Markets Total Market	Deletion	GB00B0DG3H29	SIRIUS MINERALS
STOXX Developed and Emerging Markets Total Market	Deletion	JP3268870007	KLAB
STOXX Developed and Emerging Markets Total Market	Deletion	FR0013214145	SMCP SAS
STOXX Developed and Emerging Markets Total Market	Deletion	CA89531J1093	TREVALI MINING
STOXX Developed and Emerging Markets Total Market	Deletion	JP3836400006	PEPPER FOOD SER
STOXX Developed and Emerging Markets Total Market	Deletion	JP3831400001	BOURBON
STOXX Developed and Emerging Markets Total Market	Deletion	JP3930050004	YA-MAN
STOXX Developed and Emerging Markets Total Market	Deletion	INE866R01028	MATRIMONY COM
STOXX Developed and Emerging Markets Total Market	Deletion	INE755Q01025	VISHAL FABRICS VISHAL FABRICS
STOXX Developed and Emerging Markets Total Market	Deletion	CA1378002077	CANNTRUST HOLDINGS
STOXX Developed and Emerging Markets Total Market	Deletion	US13057Q2066	CALIFORNIA RESOURCES
STOXX Developed and Emerging Markets Total Market	Deletion	VGG569811067	LUOKUNG TECHNOLOGY
STOXX Developed and Emerging Markets Total Market	Deletion	NL0012661870	INFLARX
STOXX Developed and Emerging Markets Total Market	Deletion	US7496601060	RPC
STOXX Developed and Emerging Markets Total Market	Deletion	KYG5784H1065	MANCHESTER UNITED CL.A
STOXX Developed and Emerging Markets Total Market	Deletion	US09058V1035	BIOCRYST PHARMS.
STOXX Developed and Emerging Markets Total Market	Deletion	US0937121079	BLOOM ENERGY A
STOXX Developed and Emerging Markets Total Market	Deletion	US9307521008	WAITR HOLDINGS
STOXX Developed and Emerging Markets Total Market	Deletion	US2057683029	COMSTOCK RES.
STOXX Developed and Emerging Markets Total Market	Deletion	CA6882811046	OSISKO MINING
STOXX Developed and Emerging Markets Total Market	Deletion	MYL717200009	PMB TECHNOLOGY

Markets Total Market			
STOXX Developed and Emerging Markets Total Market	Deletion	ID1000124605	CITY RETAIL DEVELOPMENTS
STOXX Emerging Markets ex BRIC Total Market	Addition	TRAVANET91A5	METRO TICARI MALI YATIRIMLAR
STOXX Emerging Markets ex BRIC Total Market	Addition	CLP0170E1065	ALMENDRAL
STOXX Emerging Markets ex BRIC Total Market	Addition	KR7002780005	CHIN HUNG INTL.
STOXX Emerging Markets ex BRIC Total Market	Addition	KR7073110009	LMS
STOXX Emerging Markets ex BRIC Total Market	Addition	MYL5126OO007	SARAWAK OIL PALMS
STOXX Emerging Markets ex BRIC Total Market	Addition	MYL3476OO008	KECK SENG (MALAYSIA)
STOXX Emerging Markets ex BRIC Total Market	Addition	PK0075101011	AZGARD NINE
STOXX Emerging Markets ex BRIC Total Market	Addition	TH0027010Z03	SAHA PATH.INTER-HOLDING
STOXX Emerging Markets ex BRIC Total Market	Addition	EGS3D041C017	EL EZZ ALDK.STEEL ALEXA.
STOXX Emerging Markets ex BRIC Total Market	Addition	ID1000113905	ELANG MAHKOTA TEKNOLOGI
STOXX Emerging Markets ex BRIC Total Market	Addition	ZAE000248811	DISTELL GROUP HLDGS
STOXX Emerging Markets ex BRIC Total Market	Addition	KR7050110006	CAMMSYS
STOXX Emerging Markets ex BRIC Total Market	Addition	KR7101490001	S&S TECH
STOXX Emerging Markets ex BRIC Total Market	Addition	EGS60321C014	FAISAL ISLAMIC BANK OF EGYPT
STOXX Emerging Markets ex BRIC Total Market	Addition	PK0037801013	NATIONAL FOODS
STOXX Emerging Markets ex BRIC Total Market	Addition	KR7238090005	NDFOS
STOXX Emerging Markets ex BRIC Total Market	Addition	EGS30AL1C012	OBOUR LAND FOR FOOD INDUSTRIES
STOXX Emerging Markets ex BRIC Total Market	Addition	CL0001892539	HORTIFRUT
STOXX Emerging Markets ex BRIC Total Market	Addition	ID1000144009	TRANSCOAL PACIFIC
STOXX Emerging Markets ex BRIC Total Market	Addition	TRATUKAS91A3	TUKAS GIDA SANVETC.
STOXX Emerging Markets ex BRIC Total Market	Addition	TRAADNAC91F6	ADANA CIMENTO 'C'
STOXX Emerging Markets ex BRIC Total Market	Addition	CL0002539816	CENCOSUD SHOPPING
STOXX Emerging Markets ex BRIC Total Market	Addition	EGS745L1C014	FAWRY FOR BKG.TECH



STOXX Emerging Markets ex BRIC Total Market	Addition	ID1000144405	POLLUX PROPERTI INDONESIA
STOXX Emerging Markets ex BRIC Total Market	Addition	ID1000144108	MAP AKTIF ADIPERKASA
STOXX Emerging Markets ex BRIC Total Market	Addition	ID1000147903	CITRA PUTRA REALTY
STOXX Emerging Markets ex BRIC Total Market	Addition	ID1000094402	BANK OCBC NISP
STOXX Emerging Markets ex BRIC Total Market	Addition	ID1000146301	MAHA PROPERTI INDONESIA
STOXX Emerging Markets ex BRIC Total Market	Addition	ID1000150402	MNC VISION NETWORKS
STOXX Emerging Markets ex BRIC Total Market	Addition	KR7317330009	DUKSAN TECHOPIA
STOXX Emerging Markets ex BRIC Total Market	Addition	KR700104K010	CJ PREFERENCE SHARES
STOXX Emerging Markets ex BRIC Total Market	Addition	KR7148150006	SE GYUNG HI TECH
STOXX Emerging Markets ex BRIC Total Market	Addition	KR7189300007	INTELLIAN TECHNOLOGIES
STOXX Emerging Markets ex BRIC Total Market	Addition	KR7228670006	RAY
STOXX Emerging Markets ex BRIC Total Market	Addition	KR7043220003	HLB POWER
STOXX Emerging Markets ex BRIC Total Market	Addition	KR7089010003	CHEMTRONICS
STOXX Emerging Markets ex BRIC Total Market	Addition	KR7003580008	NEXT SCIENCE
STOXX Emerging Markets ex BRIC Total Market	Addition	KR7073490005	INNOWIRELESS
STOXX Emerging Markets ex BRIC Total Market	Addition	MYL66330O001	LEONG HUP INTERNATIONAL
STOXX Emerging Markets ex BRIC Total Market	Addition	MYQ02080O007	GREATECH TECHNOLOGY
STOXX Emerging Markets ex BRIC Total Market	Addition	PK0112101016	GLXSK.CSM.HLTHCR. PAK.
STOXX Emerging Markets ex BRIC Total Market	Addition	TH8351010005	CPN RETAIL GROWTH LEASE REIT
STOXX Emerging Markets ex BRIC Total Market	Addition	TH6172010006	FRASERS PROP THA INDUST REIT
STOXX Emerging Markets ex BRIC Total Market	Addition	TH9301010004	DOHOME
STOXX Emerging Markets ex BRIC Total Market	Addition	TW0004968003	RICHWAVE TECHNOLOGY
STOXX Emerging Markets ex BRIC Total Market	Addition	VN000000KOS6	KOSY
STOXX Emerging Markets ex BRIC Total Market	Addition	VN000000DBC2	DABACO VIETNAM
STOXX Emerging Markets ex BRIC Total Market	Addition	ZAE000248498	FORTRESS REIT A

Total Market			
STOXX Emerging Markets ex BRIC			
Total Market	Addition	TRATKBNK91N6	TURKIYE KALKINMA VE YATIRIM
STOXX Emerging Markets ex BRIC			
Total Market	Deletion	COG31PA00010	Almacenes Exito SA
STOXX Emerging Markets ex BRIC			
Total Market	Deletion	KR7000150003	Doosan
STOXX Emerging Markets ex BRIC			
Total Market	Deletion	KR7025320003	SYNOPEX
STOXX Emerging Markets ex BRIC			
Total Market	Deletion	MX01AL1C0003	ALEATICA
STOXX Emerging Markets ex BRIC			
Total Market	Deletion	KR7000151001	DOOSAN PF.
STOXX Emerging Markets ex BRIC			
Total Market	Deletion	EGS60081C014	QATAR NATIONAL BANK ALAHLY
STOXX Emerging Markets ex BRIC			
Total Market	Deletion	PK0077701016	ARIF HABIB CORPORATION
STOXX Emerging Markets ex BRIC			
Total Market	Deletion	PK0094301014	NISHAT POWER
STOXX Emerging Markets ex BRIC			
Total Market	Deletion	MYL5606OO008	IGB
STOXX Emerging Markets ex BRIC			
Total Market	Deletion	TH0985010006	MUANG THAI INSURANCE
STOXX Emerging Markets ex BRIC			
Total Market	Deletion	PK0009201010	ATLAS HONDA
STOXX Emerging Markets ex BRIC			
Total Market	Deletion	MYL7172OO009	PMB TECHNOLOGY
STOXX Emerging Markets ex BRIC			
Total Market	Deletion	ID1000124605	CITY RETAIL DEVELOPMENTS
STOXX Emerging Markets Total Market	Addition	TRAVANET91A5	METRO TICARI MALI YATIRIMLAR
STOXX Emerging Markets Total Market	Addition	CLP0170E1065	ALMENDRAL
STOXX Emerging Markets Total Market	Addition	INE180A01020	MAX FINANCIAL SVS.
STOXX Emerging Markets Total Market	Addition	KR7002780005	CHIN HUNG INTL.
STOXX Emerging Markets Total Market	Addition	KR7073110009	LMS
STOXX Emerging Markets Total Market	Addition	MYL5126OO007	SARAWAK OIL PALMS
STOXX Emerging Markets Total Market	Addition	MYL3476OO008	KECK SENG (MALAYSIA)
STOXX Emerging Markets Total Market	Addition	PK0075101011	AZGARD NINE
STOXX Emerging Markets Total Market	Addition	TH0027010Z03	SAHA PATH.INTER-HOLDING
STOXX Emerging Markets Total Market	Addition	EGS3D041C017	EL EZZ ALDK.STEEL ALEXA.
STOXX Emerging Markets Total Market	Addition	ID1000113905	ELANG MAHKOTA TEKNOLOGI
STOXX Emerging Markets Total Market	Addition	ZAE000248811	DISTELL GROUP HLDGS
STOXX Emerging Markets Total Market	Addition	KR7050110006	CAMMSYS
STOXX Emerging Markets Total Market	Addition	KR7101490001	S&S TECH
STOXX Emerging Markets Total Market	Addition	EGS60321C014	FAISAL ISLAMIC BANK OF EGYPT
STOXX Emerging Markets Total Market	Addition	PK0037801013	NATIONAL FOODS
STOXX Emerging Markets Total Market	Addition	KR7238090005	NDFOS
STOXX Emerging Markets Total Market	Addition	EGS30AL1C012	OBOUR LAND FOR FOOD INDUSTRIES

STOXX Emerging Markets Total Market	Addition	CL0001892539	HORTIFRUT
STOXX Emerging Markets Total Market	Addition	INE600K01018	GALAXY SURFACTANTS
STOXX Emerging Markets Total Market	Addition	ID1000144009	TRANSCOAL PACIFIC
STOXX Emerging Markets Total Market	Addition	CNE100002RY5	A-LIVING SERVICES 'H'
STOXX Emerging Markets Total Market	Addition	TRATUKAS91A3	TUKAS GIDA SANVETC.
STOXX Emerging Markets Total Market	Addition	TRAADNAC91F6	ADANA CIMENTO 'C'
STOXX Emerging Markets Total Market	Addition	BRALSOACNOR5	ALIANSCOE SONAE SHOPPING CENTER
STOXX Emerging Markets Total Market	Addition	BRLCAMACNOR3	COMPANHIA DE LOCACAO AMERICAS
STOXX Emerging Markets Total Market	Addition	CL0002539816	CENCOSUD SHOPPING
STOXX Emerging Markets Total Market	Addition	EGS745L1C014	FAWRY FOR BKG.TECH
STOXX Emerging Markets Total Market	Addition	ID1000144405	POLLUX PROPRTI INDONESIA
STOXX Emerging Markets Total Market	Addition	ID1000144108	MAP AKTIF ADIPERKASA
STOXX Emerging Markets Total Market	Addition	ID1000147903	CITRA PUTRA REALTY
STOXX Emerging Markets Total Market	Addition	ID1000094402	BANK OCBC NISP
STOXX Emerging Markets Total Market	Addition	ID1000146301	MAHA PROPRTI INDONESIA
STOXX Emerging Markets Total Market	Addition	ID1000150402	MNC VISION NETWORKS
STOXX Emerging Markets Total Market	Addition	INE092T01019	IDFC FIRST BANK
STOXX Emerging Markets Total Market	Addition	INE364U01010	ADANI GREEN ENERGY
STOXX Emerging Markets Total Market	Addition	KR7317330009	DUKSAN TECHOPIA
STOXX Emerging Markets Total Market	Addition	KR700104K010	CJ PREFERENCE SHARES
STOXX Emerging Markets Total Market	Addition	KR7148150006	SE GYUNG HI TECH
STOXX Emerging Markets Total Market	Addition	KR7189300007	INTELLIAN TECHNOLOGIES
STOXX Emerging Markets Total Market	Addition	KR7228670006	RAY
STOXX Emerging Markets Total Market	Addition	KR7043220003	HLB POWER
STOXX Emerging Markets Total Market	Addition	KR7089010003	CHEMTRONICS
STOXX Emerging Markets Total Market	Addition	KR7003580008	NEXT SCIENCE
STOXX Emerging Markets Total Market	Addition	KR7073490005	INNOWIRELESS
STOXX Emerging Markets Total Market	Addition	MYL6633OO001	LEONG HUP INTERNATIONAL
STOXX Emerging Markets Total Market	Addition	MYQ0208OO007	GREATECH TECHNOLOGY
STOXX Emerging Markets Total Market	Addition	PK0112101016	GLXSK.CSM.HLTHCR. PAK.
STOXX Emerging Markets Total Market	Addition	TH8351010005	CPN RETAIL GROWTH LEASE REIT
STOXX Emerging Markets Total Market	Addition	TH6172010006	FRASERS PROP THA INDUST REIT
STOXX Emerging Markets Total Market	Addition	TH9301010004	DOHOME
STOXX Emerging Markets Total Market	Addition	TW0004968003	RICHWAVE TECHNOLOGY
STOXX Emerging Markets Total Market	Addition	VN000000KOS6	KOSY
STOXX Emerging Markets Total Market	Addition	VN000000DBC2	DABACO VIETNAM
STOXX Emerging Markets Total Market	Addition	ZAE000248498	FORTRESS REIT A
STOXX Emerging Markets Total Market	Addition	TRATKBNK91N6	TURKIYE KALKINMA VE YATIRIM
STOXX Emerging Markets Total Market	Deletion	RU0007661302	URALKALI
STOXX Emerging Markets Total Market	Deletion	COG31PA00010	Almacenes Exito SA
STOXX Emerging Markets Total Market	Deletion	KR7000150003	Doosan
STOXX Emerging Markets Total Market	Deletion	KR7025320003	SYNOPEX
STOXX Emerging Markets Total Market	Deletion	MX01AL1C0003	ALEATICA
STOXX Emerging Markets Total Market	Deletion	KR7000151001	DOOSAN PF.
STOXX Emerging Markets Total Market	Deletion	EGS60081C014	QATAR NATIONAL BANK ALAHLY

STOXX Emerging Markets Total Market	Deletion	PK0077701016	ARIF HABIB CORPORATION
STOXX Emerging Markets Total Market	Deletion	PK0094301014	NISHAT POWER
STOXX Emerging Markets Total Market	Deletion	MYL560600008	IGB
STOXX Emerging Markets Total Market	Deletion	TH0985010006	MUANG THAI INSURANCE
STOXX Emerging Markets Total Market	Deletion	PK0009201010	ATLAS HONDA
STOXX Emerging Markets Total Market	Deletion	INE866R01028	MATRIMONY COM
STOXX Emerging Markets Total Market	Deletion	INE755Q01025	VISHAL FABRICS VISHAL FABRICS
STOXX Emerging Markets Total Market	Deletion	MYL717200009	PMB TECHNOLOGY
STOXX Emerging Markets Total Market	Deletion	ID1000124605	CITY RETAIL DEVELOPMENTS
STOXX Tunisia Total Market	Deletion	TN0007300015	ARTES SA (AUTO)
STOXX Tunisia Total Market	Deletion	TN0005700018	POULINA GROUP HOLDINGS
STOXX Tunisia Total Market	Deletion	TN0002100907	STE TUNISIE LEASING ET FACT
STOXX Taiwan Total Market	Addition	TW0004968003	RICHWAVE TECHNOLOGY
STOXX Nigeria Total Market	Addition	NGSTANBIC003	STANBICIBTC HLDG
STOXX Nigeria Total Market	Addition	NGNESTLE0006	NESTLE FOODS NIGERIA
STOXX Nigeria Total Market	Addition	NGDANSUGAR02	DANGOTE SUGAR REFINERY
STOXX Nigeria Total Market	Addition	NGMTNN000002	MTN NIGERIA COMMUNICATIONS
STOXX Nigeria Total Market	Addition	NGCCNN000003	CEMENT CO.NTHN.NIGERIA
STOXX Nigeria Total Market	Addition	NGOKOMUOIL00	OKOMU OIL PALM
STOXX Nigeria Total Market	Addition	NGINTBREW005	INTERNATIONAL BREWERIES
STOXX Israel Total Market	Addition	IL0011590291	TEL AVIV STOCK EXCHANGE
STOXX Israel Total Market	Addition	IL0011569261	GENERATION CAPITAL
STOXX Israel Total Market	Addition	IL0007150118	AZORIM INV DV.&CON.
STOXX Egypt Total Market	Addition	EGS3D041C017	EL EZZ ALDK.STEEL ALEXA.
STOXX Egypt Total Market	Addition	EGS60321C014	FAISAL ISLAMIC BANK OF EGYPT
STOXX Egypt Total Market	Addition	EGS30AL1C012	OBOUR LAND FOR FOOD INDUSTRIES
STOXX Egypt Total Market	Addition	EGS745L1C014	FAWRY FOR BKG.TECH
STOXX Egypt Total Market	Deletion	EGS60081C014	QATAR NATIONAL BANK ALAHLI
STOXX Africa Total Market	Addition	NGSTANBIC003	STANBICIBTC HLDG
STOXX Africa Total Market	Addition	NGNESTLE0006	NESTLE FOODS NIGERIA
STOXX Africa Total Market	Addition	NGDANSUGAR02	DANGOTE SUGAR REFINERY
STOXX Africa Total Market	Addition	EGS3D041C017	EL EZZ ALDK.STEEL ALEXA.
STOXX Africa Total Market	Addition	ZAE000248811	DISTELL GROUP HLDGS
STOXX Africa Total Market	Addition	EGS60321C014	FAISAL ISLAMIC BANK OF EGYPT
STOXX Africa Total Market	Addition	EGS30AL1C012	OBOUR LAND FOR FOOD INDUSTRIES
STOXX Africa Total Market	Addition	EGS745L1C014	FAWRY FOR BKG.TECH
STOXX Africa Total Market	Addition	NGMTNN000002	MTN NIGERIA COMMUNICATIONS
STOXX Africa Total Market	Addition	NGCCNN000003	CEMENT CO.NTHN.NIGERIA
STOXX Africa Total Market	Addition	NGOKOMUOIL00	OKOMU OIL PALM
STOXX Africa Total Market	Addition	NGINTBREW005	INTERNATIONAL BREWERIES
STOXX Africa Total Market	Addition	ZAE000248498	FORTRESS REIT A
STOXX Africa Total Market	Deletion	EGS60081C014	QATAR NATIONAL BANK ALAHLI
STOXX Africa Total Market	Deletion	MA0000011454	CR.IMMOBIL.ET HOTELIER
STOXX Africa Total Market	Deletion	TN0007300015	ARTES SA (AUTO)
STOXX Africa Total Market	Deletion	TN0005700018	POULINA GROUP HOLDINGS

STOXX Africa Total Market	Deletion	MA0000011793	MINIERE TOUISSIT
STOXX Africa Total Market	Deletion	MA0000012031	LESIEUR CRISTAL
STOXX Africa Total Market	Deletion	TN0002100907	STE TUNISIE LEASING ET FACT
STOXX Vietnam Total Market	Addition	VN000000KOS6	KOSY
STOXX Vietnam Total Market	Addition	VN000000DBC2	DABACO VIETNAM
STOXX Thailand Total Market	Addition	TH0027010Z03	SAHA PATH.INTER-HOLDING
STOXX Thailand Total Market	Addition	TH8351010005	CPN RETAIL GROWTH LEASE REIT
STOXX Thailand Total Market	Addition	TH6172010006	FRASERS PROP THA INDUST REIT
STOXX Thailand Total Market	Addition	TH9301010004	DOHOME
STOXX Thailand Total Market	Deletion	TH0985010006	MUANG THAI INSURANCE
STOXX Pakistan Total Market	Addition	PK0075101011	AZGARD NINE
STOXX Pakistan Total Market	Addition	PK0037801013	NATIONAL FOODS
STOXX Pakistan Total Market	Addition	PK0112101016	GLXSK.CSM.HLTHCR. PAK.
STOXX Pakistan Total Market	Deletion	PK0077701016	ARIF HABIB CORPORATION
STOXX Pakistan Total Market	Deletion	PK0094301014	NISHAT POWER
STOXX Pakistan Total Market	Deletion	PK0009201010	ATLAS HONDA
STOXX South Africa Total Market	Addition	ZAE000248811	DISTELL GROUP HLDGS
STOXX South Africa Total Market	Addition	ZAE000248498	FORTRESS REIT A
STOXX Denmark Total Market	Deletion	DK0010218429	BANG AND OLUFSEN
STOXX Denmark Total Market	Deletion	DK0060497295	MATAS
STOXX USA Total Market	Addition	US45841N1072	INTERACTIVE BROKERS GROUP A
STOXX USA Total Market	Addition	GB00BFMBMT84	SENSATA TECHS.HLDG.
STOXX USA Total Market	Addition	US2681501092	DYNATRACE
STOXX USA Total Market	Addition	LU0914713705	INTELSAT
STOXX USA Total Market	Addition	NL0011327523	WRIGHT MEDICAL GROUP
STOXX USA Total Market	Addition	US24344T1016	DECIPHERA PHARMS.
STOXX USA Total Market	Addition	US65290C1053	NEXTIER OILFIELD SOLUTIONS
STOXX USA Total Market	Addition	US00448Q2012	ACHILLION PHARMS.
STOXX USA Total Market	Addition	US14161W1053	CARDLYTICS
STOXX USA Total Market	Addition	US29975E1091	EVENTBRITE A
STOXX USA Total Market	Addition	US8004221078	JOHN B SANFILIPPO & SON
STOXX USA Total Market	Addition	US6075251024	MODEL N
STOXX USA Total Market	Deletion	PAL1201471A1	MCDERMOTT INTL.
STOXX USA Total Market	Deletion	US9092181091	UNIT
STOXX USA Total Market	Deletion	IE00BBGT3753	Mallinckrodt
STOXX USA Total Market	Deletion	US75508B1044	RAYONIER ADV.D.MATERIALS
STOXX USA Total Market	Deletion	US74587V1070	PUMA BIOTECHNOLOGY
STOXX USA Total Market	Deletion	US1894641000	CLOVIS ONCOLOGY
STOXX USA Total Market	Deletion	US13057Q2066	CALIFORNIA RESOURCES
STOXX USA Total Market	Deletion	VGG569811067	LUOKUNG TECHNOLOGY
STOXX USA Total Market	Deletion	NL0012661870	INFLARX
STOXX USA Total Market	Deletion	US7496601060	RPC
STOXX USA Total Market	Deletion	KYG5784H1065	MANCHESTER UNITED CL.A
STOXX USA Total Market	Deletion	US09058V1035	BIOCRYST PHARMS.
STOXX USA Total Market	Deletion	US0937121079	BLOOM ENERGY A



STOXX USA Total Market	Deletion	US9307521008	WAITR HOLDINGS
STOXX USA Total Market	Deletion	US2057683029	COMSTOCK RES.
STOXX Iceland Total Market	Deletion	IS0000019800	EIMSKIPAFELAG ISLAND
STOXX Iceland Total Market	Deletion	IS0000007078	VATRYGGINGFELAG ISLANDS
STOXX Iceland Total Market	Deletion	IS0000000503	SKELJUNGUR
STOXX Germany Total Market	Addition	DE000A0TGJ55	VARTA AG
STOXX Germany Total Market	Addition	DE000A2YN900	TEAMVIEWER AG
STOXX Germany Total Market	Deletion	NL0011375019	STEINHOFF N.V.
STOXX France Total Market	Deletion	FR0000045528	CREDIT AGR.ILE DE FRANCE
STOXX France Total Market	Deletion	FR0012789949	EUROPCAR MOBILITY GROUP
STOXX France Total Market	Deletion	FR0013214145	SMCP SAS
STOXX Indonesia Total Market	Addition	ID1000113905	ELANG MAHKOTA TEKNOLOGI
STOXX Indonesia Total Market	Addition	ID1000144009	TRANSCOAL PACIFIC
STOXX Indonesia Total Market	Addition	ID1000144405	POLLUX PROPRTI INDONESIA
STOXX Indonesia Total Market	Addition	ID1000144108	MAP AKTIF ADIPERKASA
STOXX Indonesia Total Market	Addition	ID1000147903	CITRA PUTRA REALTY
STOXX Indonesia Total Market	Addition	ID1000094402	BANK OCBC NISP
STOXX Indonesia Total Market	Addition	ID1000146301	MAHA PROPRTI INDONESIA
STOXX Indonesia Total Market	Addition	ID1000150402	MNC VISION NETWORKS
STOXX Indonesia Total Market	Deletion	ID1000124605	CITY RETAIL DEVELOPMENTS
STOXX Latvia Total Market	Deletion	LV0000100659	GRINDEKS
STOXX Latvia Total Market	Deletion	LV0000100899	LATVIJAS GAZE
STOXX Cyprus Total Market	Addition	CY0004690711	LOUIS
STOXX Croatia Total Market	Addition	HRPTKMRA0005	PETROKEMIJA
STOXX Croatia Total Market	Addition	HRMAISRA0007	MAISTRA
STOXX Croatia Total Market	Addition	HRKRASRA0008	KRAS
STOXX Croatia Total Market	Addition	HRLRHORA0007	LIBURNIA RIVIERA H
STOXX Croatia Total Market	Deletion	HRVARTR10005	VARTEKS
STOXX Bulgaria Total Market	Addition	BG1100005971	STARA PLANINA HOLD AD
STOXX Bulgaria Total Market	Addition	BG1100075065	MONBAT
STOXX Bulgaria Total Market	Addition	BG1100086070	SOPHARMA TRADING
STOXX Bulgaria Total Market	Addition	BG11MPKAAT18	M+S HYDRAULIC
STOXX Bulgaria Total Market	Deletion	BG1100014973	CB CENTRAL COOP.BANK
STOXX Latin America Total Market	Addition	ARSAMA010012	IRSA PROPIEIDADES COMIT.
STOXX Latin America Total Market	Addition	CLP0170E1065	ALMENDRAL
STOXX Latin America Total Market	Addition	PEP218025000	UN.DE CVCS.PRUA. BYJ.I
STOXX Latin America Total Market	Addition	CL0001892539	HORTIFRUT
STOXX Latin America Total Market	Addition	BRALSOACNOR5	ALIANSCOE SONAE SHOPPING CENTER
STOXX Latin America Total Market	Addition	BRLCAMACNOR3	COMPANHIA DE LOCACAO AMERICAS
STOXX Latin America Total Market	Addition	CL0002539816	CENCOSUD SHOPPING
STOXX Latin America Total Market	Deletion	COG31PA00010	Almacenes Exito SA
STOXX Latin America Total Market	Deletion	MX01AL1C0003	ALEATICA
STOXX Turkey Total Market	Addition	TRAVANET91A5	METRO TICARI MALI YATIRIMLAR
STOXX Turkey Total Market	Addition	TRATUKAS91A3	TUKAS GIDA SANVETC.
STOXX Turkey Total Market	Addition	TRAADNAC91F6	ADANA CIMENTO 'C'

STOXX Turkey Total Market	Addition	TRATKBNK91N6	TURKIYE KALKINMA VE YATIRIM
STOXX Switzerland Total Market	Deletion	CH0102659627	GAM
STOXX Switzerland Total Market	Deletion	CH0038389992	BB BIOTECH
STOXX Sweden Total Market	Addition	SE0012853455	EQT
			SAMHALLSBYGGNADSBOL AGET
STOXX Sweden Total Market	Addition	SE0009554454	NORD
STOXX Slovenia Total Market	Addition	SI0031103805	CINKARNA REDNE
STOXX Russia Total Market	Deletion	RU0007661302	URALKALI
STOXX BRIC Total Market	Addition	INE180A01020	MAX FINANCIAL SVS.
STOXX BRIC Total Market	Addition	INE600K01018	GALAXY SURFACTANTS
STOXX BRIC Total Market	Addition	CNE100002RY5	A-LIVING SERVICES 'H'
STOXX BRIC Total Market	Addition	BRALSOACNOR5	ALIANSCOE SONAE SHOPPING CENTER
STOXX BRIC Total Market	Addition	BRLCAMACNOR3	COMPANHIA DE LOCACAO AMERICAS
STOXX BRIC Total Market	Addition	INE092T01019	IDFC FIRST BANK
STOXX BRIC Total Market	Addition	INE364U01010	ADANI GREEN ENERGY
STOXX BRIC Total Market	Deletion	RU0007661302	URALKALI
STOXX BRIC Total Market	Deletion	INE866R01028	MATRIMONY COM
STOXX BRIC Total Market	Deletion	INE755Q01025	VISHAL FABRICS VISHAL FABRICS
STOXX Poland Total Market	Addition	PLSLVCR00029	SELVITA
STOXX Poland Total Market	Addition	PLZATRM00012	GRUPA AZOTY
STOXX Poland Total Market	Addition	PLRNBWT00031	RAINBOW TOURS SR.B C2 E
STOXX Poland Total Market	Addition	PLPILAB00012	DATAWALK
STOXX Poland Total Market	Addition	PLENTER00017	ENTER AIR
STOXX Poland Total Market	Deletion	PLATTFI00018	ALTUS TFI
STOXX Norway Total Market	Addition	BMG067231032	AVANCE GAS
STOXX Norway Total Market	Addition	NO0010564701	PANORO ENERGY
STOXX Norway Total Market	Deletion	NO0010112675	REC SILICON
STOXX Norway Total Market	Deletion	NO0003070609	IDEX BIOMETRICS
STOXX Netherlands Total Market	Addition	BMG9349W1038	VEON
STOXX Netherlands Total Market	Deletion	NL0000337319	BAM GROEP KON.

For more information on the STOXX indices, please visit [www.stoxx.com](http://www.stoxx.com)