

Geneva, November 13, 2017

MSCI GLOBAL MICRO CAP INDEXES

The following are changes in constituents for the MSCI Global Micro Cap Indexes which will take place as of the close of November 30, 2017.

SUMMARY PER COUNTRY:

Country	Nb of Securities Added	Nb of Securities Deleted
AUSTRALIA	34	17
BELGIUM	0	4
SWITZERLAND	4	0
SPAIN	2	1
FRANCE	11	9
GERMANY	14	5
NETHERLANDS	3	2
ITALY	13	5
JAPAN	68	38
HONG KONG	27	26
SINGAPORE	11	2
NORWAY	6	2
AUSTRIA	0	1
USA	93	50
CANADA	20	10
SWEDEN	17	3
UNITED KINGDOM	28	18
FINLAND	5	0
NEW ZEALAND	6	2
IRELAND	0	1
ISRAEL	16	3

MSCI AUSTRALIA INDEX

Additions

ALDERAN RESOURCES  
ARGOSY MINERALS  
AUDINATE GROUP  
AUSTOCK GROUP  
AVZ MINERALS  
BIG RIVER INDUSTRIES  
BIG UN  
BOUGAINVILLE COPPER  
BUBS AUSTRALIA  
BUDDY PLATFORM  
CABCHARGE AUSTRALIA  
CANN GROUP  
CARDNO  
CATAPULT GROUP INTL  
CONVENIENCE RETAIL REIT  
ELANOR RETAIL PPTY FUND  
ELMO SOFTWARE  
ENERGY WORLD CORP  
EUROPEAN COBALT  
FASTBRICK ROBOTICS  
GETSWIFT  
HASTINGS TECH METALS  
HOMELOANS  
LIQUEFIED NATURAL GAS  
NICK SCALI  
NOVONIX  
RED RIVER RESOURCES  
REDBUBBLE  
SERVOCORP  
TALGA RESOURCES  
TAWANA RESOURCES  
VITA GROUP  
WATTLE HEALTH AUSTRALIA  
WINDLAB

Deletions

AFTERPAY TOUCH GROUP  
AUSDRILL LIMITED  
AUSTEX OIL  
BLUE SKY ALTERNATIVE INV  
BWX  
CITIGOLD CORP  
CLEAN TEQ HOLDINGS  
COLLINS FOODS  
GTN  
INNATE IMMUNOTHERAPEUTIC  
INTEGRATED RESEARCH  
LYNAS CORPORATION  
PENGANA CAPITAL GROUP  
PEPPER GROUP  
PRO MEDICUS  
PSC INSURANCE GROUP  
RCR TOMLINSON

MSCI BELGIUM INDEX

Additions  
None

Deletions  
ARGEN X  
CELYAD  
DECEUNINCK  
RECTICEL

MSCI SWITZERLAND INDEX

Additions  
IVF HARTMANN HOLDING  
NEWRON PHARMACEUTICALS  
PLAZZA IMMOBILIE A  
SANTHERA PHARMACEUTICALS

Deletions  
None

MSCI SPAIN INDEX

Additions  
ABENGOA B  
GRUPO PRISA

Deletions  
ALANTRA PARTNERS

MSCI FRANCE INDEX

Additions  
ASK  
ATARI  
BALYO  
CAPELLI  
ELECTRO POWER SYSTEMS  
KERLINK  
MND  
PRODWAYS GROUP  
REORLD MEDIA  
WALLIX GROUP  
XILAM ANIMATION

Deletions  
AUBAY  
CEGEDIM  
COMPAGNIE DU MONT BLANC  
CONSTRUCTIONS INDL MED  
GROUPE ACTIPLAY  
OLMIX  
SOCIETE POUR LE INFORMA  
SOLUTIONS 30 SE  
TESSI

MSCI GERMANY INDEX

Additions  
ALBIS LEASING  
BITCOIN GROUP  
BLUE CAP  
CONSUS COMM PROPERTY  
FORTEC ELEKTRONIK  
HANSEYACHTS  
IBU TEC ADVANCED MATRLS  
MUT AG MESSGERAETE FMEDU  
NORCOM INFORMATION TECH  
SINGULUS TECHNOLOGIES  
SPORTTOTAL  
STARAMBA  
UMWELTBANK  
ZEAL NETWORK

Deletions  
3W POWER  
BASLER  
BAUER  
SECUNET SECURITY  
SHOP APOTHEKE EUROPE

MSCI NETHERLANDS INDEX

Additions  
AFC AJAX  
AVANTIUM  
HOLLAND COLOURS

Deletions  
ESPERITE  
UNIQUE

MSCI ITALY INDEX

Additions  
ASSITECA INTERNAZIONALE  
AVIO  
BANCA CARIGE  
BF HOLDING  
ESPRINET  
GIGLIO GROUP  
INDEL B  
ORSERO  
PHARMANUTRA

Deletions  
BIO ON  
PRIMA INDUSTRIE  
SAES GETTERS  
SAES GETTERS RNC  
SESA SPA

SIT  
SITI B&T GROUP  
UNIEURO  
WIIT

MSCI JAPAN INDEX

Additions

ACKG  
ACTCALL  
ASCENTECH  
AUCNET  
BEAGLEE  
CARENET INC  
CE MANAGEMENT INTEGRATED  
CHIKARANOMOTO HOLDINGS  
CHIMNEY  
CONTEC CO  
CROPS CORP  
CROSSFOR  
DAIKO DENSHI TSUSHIN  
DAITO CHEMIX  
DIGITAL ADVENTURE  
ENBIO HOLDINGS  
FRINGE81  
FUJITA ENGINEERING CO  
FUJITSU COMPONENT  
GOYO INTEX  
GREENS  
GREMZ  
HOBONICHI  
IDEA INTERNATIONAL  
IK  
INTERNET INFINITY  
JAPAN COMMUNICATIONS  
JAPAN CORP HOUSING SVC  
JAPAN ELEVATOR SERVICE  
JAPAN MEAT  
JSB  
KADOYA SESAME MILLS  
KOSE RE  
KYOSHIN CO  
LC HOLDINGS  
MARUSHO HOTTA CO  
MATSUMOTO YUSHI-SEIYAKU  
MEGANESUPER CO  
MITSUBISHI PAPER MILLS  
MORPHO  
NAFCO CO  
NAIGAI TEC  
NEOJAPAN  
NET MARKETING  
OHIZUMI MFG  
OOMITSU  
ORO  
PHYZ  
PIXELA CORP  
PR TIMES  
RIGHT ON CO  
S POOL  
SHARINGTECHNOLOGY  
SHIRAI ELECTRONICS INDL  
SOLASIA PHARMA  
SOLDOUT  
SUGIMURA WAREHOUSE CO  
TEMAIRAZU  
TENOX  
TOKYO INDIVIDUALIZED EDU  
TOKYO ROPE MFG CO  
TOYO CORP  
TSUNAGU SOLUTIONS  
ULURU  
UUM  
VALUE HR  
WAVELOCK HOLDINGS

Deletions

AOI ELECTRONIC CO  
ARATA CORP  
ASUNARO AOKI CONSTR  
CHUBU SHIRYO CO  
CMK CORP  
DAI-DAN CO  
DIGITAL ARTS  
FDK CORP  
FEED ONE CO  
FERROTEC HOLDINGS CORP  
FULLCAST HOLDINGS CO  
GENKY STORES  
GUNOSY  
HAMAKYOREX CO  
HOCHIKI CORP  
HODOGAYA CHEMICAL CO  
JAPAN INVESTMENT ADVISER  
JCU CORP  
KLAB  
MARUWA UNYU KIKAN  
NISSEI ASB MACHINE CO  
NITTOKU ENGINEERING CO  
PASONA GROUP  
PEPPER FOOD SERVICE  
PIA CORP  
RIKEN KEIKI CO  
S & B FOODS  
SINFONIA TECHNOLOGY CO  
SOLASTO CORPORATION  
ST CORP  
TANAKA CHEMICAL CORP  
TAYCA CORP  
TOKYO BASE CO  
TRUST TECH  
UT GROUP CO  
WORLD HOLDINGS CO  
YA-MAN  
YUME NO MACHI IINKAI CO

WILLPLUS HOLDINGS

MSCI HONG KONG INDEX

Additions

ASIA STANDARD HOTEL  
ASIA TELE-NET & TECH  
ASIASEC PROPERTIES  
CARRIANNA GRP HLDGS (HK)  
CHI HO DEVELOPMENT HLDGS  
CHINA STRATEGIC HLDGS  
CHONG KIN GROUP HOLDINGS  
CYBERNAUT INTL HLDGS CO  
DACHAN FOOD ASIA  
DINGYI GROUP INVESTMENT  
DREAMEAST GROUP  
EDVANCE INTL HLDGS  
ENERCHINA HOLDINGS  
EVERGREEN PRODUCTS GRP  
FUTURE WORLD FINANCIAL  
HAO TIAN DEV GRP (HK)  
KAM HING INTL  
KIN SHING HOLDINGS  
KING STONE ENERGY (HK)  
L K TECHNOLOGY HOLDINGS  
MEI AH ENTERTAINMENT GRP  
MODERN DENTAL GROUP  
PING AN SECURITIES GROUP  
SHENWAN HONGYUAN HK  
SUMMIT ASCENT HOLDINGS  
THEME INTERNATIONAL HLDGS  
ZHEJIANG UNITED INV HLDG

Deletions

BOE VARITRONIX  
CAMSING INTERNATIONAL  
CHINA BAOFENG INTL  
CHINA BEST GROUP (CN)  
CHINA DISPLAY OPTOELEC  
CHINA ENVIRONMENTAL TECH  
CHINA INV FUND INTL HLDG  
CHINA OCEANWIDE INTL FIN  
CHINA OIL GANGRAN ENERGY  
CHINNEY INVESTMENT  
CNNC INTERNATIONAL  
COSMOPOLITAN INTL HLDGS  
ENVIRO ENERGY INTL  
GET NICE FINANCIAL GROUP  
GOLD TAT GROUP INTL  
HON KWOK LAND INVESTMENT  
LAJIN ENTERTAINMENT NET  
LOUDONG GENERAL NICE RES  
MODERN MEDIA HOLDINGS  
NAMESON HOLDINGS  
O LUXE HOLDINGS  
ORIENT VICTORY TRAVEL  
PETRO KING OILFIELD (HK)  
PHOENITRON HOLDINGS  
SINGAMAS CONTAINER HLDGS  
SINO PROSPER GROUP HLDGS

MSCI SINGAPORE INDEX

Additions

AEM HOLDINGS  
ASPEN GROUP HOLDINGS  
EC WORLD REIT  
EZION HOLDINGS  
FAR EAST ORCHARD  
GALLANT VENTURE  
HYFLUX  
KIMLY  
MIDAS HOLDINGS  
TAT SENG PACKAGING  
UNUSUAL

Deletions

BEST WORLD INTERNATIONAL  
STRATECH GROUP (THE)

MSCI NORWAY INDEX

Additions

BERGENBIO  
JAEREN SPAREBANK  
MAGSEIS  
SAFEROAD HOLDING  
SONGA BULK  
THIN FILM ELECTRONICS A

Deletions

AXACTOR  
SONGA OFFSHORE

MSCI AUSTRIA INDEX

Additions

None

Deletions

POLYTEC HOLDING

MSCI USA INDEX

Additions

ADVAXIS  
AKOUSTIS TECH  
ARDELYX  
ASPEN GROUP (US)  
ASV HOLDINGS  
BABCOCK & WILCOX ENT  
BANK OF PRINCETON  
BIG 5 SPORTING GOODS  
BOSTON OMAHA A

Deletions

ABEONA THERAPEUTICS  
AKEBIA THERAPEUTICS  
ARGOS THERAPEUTICS  
ASSEMBLY BIOSCIENCES  
AUDENTES THERAPEUTICS  
AVINGER  
AXOGEN  
BLUE BIRD (US)  
BON-TON STORES

BRIDGEPOINT EDUCATION  
BRIGHTCOVE  
BRISTOW GROUP  
CALIX  
CARBO CERAMICS  
CELSIUS HLDGS  
CEMPRA  
CHIMERIX  
COMMUNITY FIRST BANCSHS  
CONFORMIS  
CRYOPORT  
CSS INDUSTRIES  
DEL FRISCO'S RESTAURANT  
DRIVE SHACK  
EASTMAN KODAK  
ELEVATE CREDIT  
ENERGY XXI GULF COAST  
ESQUIRE FINANCIAL HLDGS  
FARMERS & MERCHANTS  
FAUQUIER BANKSHARES  
FEDERATED NATIONAL HLDG  
FLOTEK INDUSTRIES  
FNB BANCORP  
FOGO DE CHAO  
FORTERRA (US)  
FRANCESCAS HOLDINGS CORP  
FREDS  
GENESIS HEALTHCARE A  
GLOBAL EAGLE ENTMT  
GOODRICH PETROLEUM  
GUARANTY BANCSHARES  
HARMONIC  
IMMERSION CORP  
INSPIRED ENTERTAINMENT  
J JILL  
KALVISTA PHARMACEUTICALS  
KEWAUNEE SCIENTIFIC  
KEY ENERGY SERVICES  
KIRKLANDS  
LIBBEY  
LILIS ENERGY  
MATINAS BIOPHARMA  
MERRIMACK PHARMACEUTICAL  
MERSANA THERAPEUTICS  
MUSTANG BIO  
NATURAL GROCERS BY VIT  
NATURAL HEALTH TRENDS  
NEOPHOTONICS  
NI HOLDINGS  
ORGANOVO HOLDINGS  
OTONOMY  
OVID THERAPEUTICS  
PALATIN TECHNOLOGIES  
PARKER DRILLING CO  
PCSB FINANCIAL  
PETIQ A  
POLARITYTE  
R1 RCM  
RANGER ENERGY SERVICES A  
RBB BANCORP  
RUBICON PROJECT  
SAFEGUARD SCIENTIFICS  
SAFETY INCOME & GROWTH  
SEACOR MARINE HOLDINGS  
SELECT ENERGY SERVICES A  
SEQUENTIAL BRANDS GRP  
SHOTSPOTTER  
SIENNA BIOPHARMA  
SILVERBOW RESOURCES  
SMART SAND  
SOLARIS OILFIELD INFRA A  
TESCO CORP  
TINTRI  
TOCAGEN  
TRAVELCENTERS OF AMERICA

CAI INTERNATIONAL  
CALITHERA BIOSCIENCES  
CAROLINA FINANCIAL CORP  
COMMUNITY HEALTHCARE  
CONNECTURE  
CONTROL4 CORP  
CUTERA  
DASEKE  
ELECTRO SCIENTIFIC IND  
EVERI HOLDINGS  
FIRST MID ILLINOIS  
GLOBAL BROKERAGE A  
GOLDEN ENTERTAINMENT  
HEMISPHERX BIOPHARMA  
IGNYTA  
JOHNSON OUTDOORS A  
LIMELIGHT NETWORKS  
MADRIGAL PHARMACEUTICALS  
MAGNEGAS CORP  
MALIBU BOATS A  
MARATHON PATENT GROUP  
MARINE PRODUCTS CORP  
NATIONAL COMMERCE  
NICOLET BANKSHARES  
NL INDUSTRIES  
NV5 HOLDINGS  
PREFERRED APT CMNTY  
RADNET  
RAND LOGISTICS  
RIGEL PHARMACEUTICALS  
ROKA BIOSCIENCE  
SEVEN STARS CLOUD GROUP  
SPARTAN MOTORS  
TACTILE SYSTEMS TECH  
TEARLAB  
TECNOGLASS  
TRIUMPH BANCORP  
VERITEX HOLDINGS  
VOYAGER THERAPEUTICS  
WHITESTONE REIT  
ZOGENIX

TYME TECHNOLOGIES  
UNIQURE (US)  
VERSARTIS  
VITAMIN SHOPPE  
WEYCO GROUP  
WMIH  
XBIOTECH  
YOUNGEVITY INTL  
ZOES KITCHEN

MSCI CANADA INDEX

Additions

ACASTA ENTERPRISES B  
ASANKO GOLD  
CALLIDUS CAPITAL CORP  
CRH MEDICAL  
DENISON MINES (NEW)  
DHX MEDIA VV  
FENNEC PHARMACEUTICALS  
FIRST MINING FINANCE  
IMPERIAL METALS  
INTERTAIN GRP EX-SHARES  
KEW MEDIA GROUP B  
LEAGOLD MINING  
MOUNTAIN PROV DIAMONDS  
NIGHTHAWK GOLD  
OPSENS  
PIVOT TECH SOLN  
ROXGOLD  
SOURCE ENER SVCS  
TRISURA GROUP  
VILLAGE FARMS INTL

Deletions

ARIZONA MINING  
CRESCITA THERAPEUTICS  
ESSA PHARMA  
LITHIUM AMERICAS CORP  
NEMASKA LITHIUM  
NORTH DYNASTY MINERALS  
SAVARIA CORP  
SENVEST CAPITAL INC  
TASEKO MINES  
TREVALI MINING

MSCI SWEDEN INDEX

Additions

BONESUPPORT HOLDING  
BOOZT  
COGNOSEC  
DDM HOLDING  
DUROC B  
FASTIGHETS AB TRIANON B  
INSTALCO INTRESSEENTER  
IRLAB THERAPEUTICS A  
ISOFOL MEDICAL  
KAMBI GROUP  
MAGNOLIA BOSTAD  
MIPS  
NORDIC LEISURE  
SAMHALLSBYGGNADSBOLAGE B  
SDIPTECH B  
SSM HOLDING  
TETHYS OIL

Deletions

BIOTAGE  
THQ NORDIC B  
VBG GROUP B

MSCI UNITED KINGDOM INDEX

Additions

ABZENA  
AEW UK LONG LEASE REIT  
AFH FINANCIAL GROUP  
ALPHA FX GROUP  
ANGUS ENERGY  
BLUEJAY MINING  
CARILLION  
DP EURASIA  
EMPYREAN ENERGY  
EVE SLEEP  
FOXTONS GROUP  
GLEESON (M.J.)  
GLOBAL PORTS HOLDING  
INTERSERVE  
MEDICA GROUP  
MERCIA TECHNOLOGIES  
NEXUS INFRASTRUCTURE

Deletions

ARGOS RESOURCES  
AVOCET MINING  
BILLING SERVICES GROUP  
BOOT (HENRY)  
CENTRAL ASIA METALS  
CRANEWARE  
DEVRO  
ECO ANIMAL HEALTH GROUP  
FRONTIER DEVELOPMENTS  
GAMES WORKSHOP GROUP  
GENEDRIVE  
GRAPHENE NANOCHEM  
NIGHTHAWK ENERGY  
PEOPLES OPERATOR HOLDING  
PLAZA CENTERS  
PPHE HOTEL GROUP  
PROXAMA

PACIFIC IND & LOGIS REIT  
PANTHEON RESOURCES  
QUIZ  
RESIDENTIAL SECURE  
STRIX GROUP  
TATTON ASSET MANAGEMENT  
TEN ENTERTAINMENT GROUP  
UP GLOBAL SOURCING HLDGS  
VELTYCO GROUP  
WINCANTON  
YU GROUP

ROBERT WALTERS

MSCI FINLAND INDEX  
Additions  
EVLI BANK B  
NEXT GAMES A  
REMEDY ENTERTAINMENT  
SILMAASEMA  
TALENOM

Deletions  
None

MSCI NEW ZEALAND INDEX  
Additions  
BRISCOE GROUP  
CBL  
OCEANIA HEALTHCARE  
SANFORD  
TILT RENEWABLES  
WAREHOUSE GROUP

Deletions  
PUSHPAY HOLDINGS  
SYNLAIT MILK

MSCI IRELAND INDEX  
Additions  
None

Deletions  
APPLEGREEN

MSCI ISRAEL INDEX  
Additions  
AERONAUTICS  
ASPIRE GLOBAL  
EMILIA DEVELOPMENT OFG  
EXALENZ BIOSCIENCE  
FORESIGHT AUTONOMOUS  
G MEDICAL INNOV HLDGS  
GLOBAL KNAFAIM LEASING  
MENIVIM THE NEW REIT  
MINRAV PROJECTS  
NOVOLOG  
PENINSULA GROUP  
RADA ELECTRONIC IND  
TAMAR PETROLEUM  
TELRAD NETWORKS  
UROGEN PHARMA  
Y D MORE INVESTMENTS

Deletions  
AFRICA ISRAEL INDUSTRIES  
INDUSTRIAL BUILDINGS  
NOVA MEASURING INSTR

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