

Geneva, November 14, 2016

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, 2016.

SUMMARY PER COUNTRY:

Country	Nb of Securities Added	Nb of Securities Deleted
AUSTRALIA	37	19
BELGIUM	2	1
SWITZERLAND	5	2
SPAIN	3	2
FRANCE	9	5
GERMANY	6	4
NETHERLANDS	2	1
ITALY	5	6
JAPAN	70	30
HONG KONG	54	34
SINGAPORE	8	5
NORWAY	5	2
AUSTRIA	1	0
USA	56	47
CANADA	13	13
SWEDEN	17	8
UNITED KINGDOM	45	15
FINLAND	5	1
NEW ZEALAND	1	9
IRELAND	2	0
ISRAEL	7	5

MSCI AUSTRALIA INDEX

Additions

AFTERPAY HOLDINGS  
AUSTRALIAN ETHICAL INV  
AUSTRALIAN UNITY OFFICE  
AUSTRALIS OIL & GAS  
BILLABONG INTERNATIONAL  
BUREY GOLD  
CARDINAL RESOURCES  
CARINDALE PROPERTY TRUST  
CHAMPION IRON  
COGSTATE  
DONGFANG MODERN AGRI  
EASTERN GOLDFIELDS  
EMFCY GROUP  
EMERALD RESOURCES  
ERM POWER  
FRONTIER DIG VENTURES  
GALILEO JAPAN TRUST  
INNATE IMMUNOTHERAPEUTIC  
KIDMAN RESOURCES  
KOGAN.COM  
MEDLAB CLINICAL  
MOTORCYCLE HOLDINGS  
NATIONAL VETERINARY CARE  
OPTHEA  
ORECORP  
OTOC  
OVER THE WIRE HOLDINGS  
PALADIN ENERGY  
PROPERTYLINK GROUP  
QANTM INTELLECTUAL PPTY  
RANGE INTERNATIONAL  
S2 RESOURCES  
SCOTTISH PACIFIC GROUP  
SHAVER SHOP GROUP

Deletions

BAUXITE RESOURCES  
BRIERTY  
CAPE LAMBERT RESOURCES  
CATAPULT GROUP INTL  
CLARIUS GROUP  
DEEP YELLOW  
HERON RESOURCES (DET)  
HUGHES DRILLING  
IMPEDIMED  
INFIGEN ENERGY  
MICHAEL HILL INTL  
OILEX  
PETREL ENERGY  
RESOLUTE MINING  
REX MINERALS  
SAMSON OIL & GAS  
SMARTGROUP  
VITA GROUP  
WEBJET

SPEEDCAST INTERNATIONAL  
THINK CHILDCARE  
XPED

MSCI BELGIUM INDEX

Additions  
ASIT BIOTECH  
CELYAD

Deletions  
IMMOBILIERE DE BELGIQUE

MSCI SWITZERLAND INDEX

Additions  
CPH CHEMIE & PAPIER HLDG  
EVOLVA HOLDING  
MCH GROUP  
ORASCOM DEV HLDG INH  
WISEKEY INTL HLDG

Deletions  
GURIT HOLDING INHABER  
LOOSER HOLDING

MSCI SPAIN INDEX

Additions  
DEOLEO  
DURO FELGUERA  
SNIACE SOCIEDAD ANONIMA

Deletions  
CODERE  
MASMOVIL IBERCOM

MSCI FRANCE INDEX

Additions  
CEGEDIM  
FRANCAISE ENERGIE  
GENSIGHT BIOLOGICS  
ORCHESTRA PREMAMAN  
PHARNEXT  
SECHE ENVIRONNEMENT  
SOLOCAL GROUP  
THERMADOR GROUPE  
VALNEVA

Deletions  
DEVOTEAM  
FINAXO ENVIRONNEMENT  
GROUPE PARTOUCHE  
S.O.I.T.E.C.  
WAVESTONE

MSCI GERMANY INDEX

Additions  
BAUER  
DELTICOM  
MEVIS MEDICAL SOLUTIONS  
MYBUCKS  
RINGMETALL  
RNTS MEDIA

Deletions  
CROPENERGIES  
H&R  
ISRA VISION  
S&T

MSCI NETHERLANDS INDEX

Additions  
CURETIS  
MERUS BV

Deletions  
ADVANCED METALLURGICAL

MSCI ITALY INDEX

Additions  
AEROPORTO GUGLIELMO  
COIMA RES  
H FARM  
TECNOINVESTIMENTI  
TREVI FINANZIARIA

Deletions  
EL.EN.  
ERGYCAPITAL  
GRUPPO WASTE ITALIA  
ITALIA INDEPENDENT GROUP  
METHORIOS CAPITAL  
PREMUDA

MSCI JAPAN INDEX

Additions  
AIDOMA MARKETING COMMU  
AKATSUKI  
ANGES MG  
ANSHIN GUARANTOR SERVICE  
ARTNATURE  
ASCOT  
ASUKANET COMPANY

Deletions  
COMANY  
EHIME BANK (THE)  
EREX CO  
FUKUI COMPUTER HOLDINGS  
GFOOT CO  
HALOWS CO  
HEARTS UNITED GROUP CO

ATRAE  
AWS HOLDINGS  
BIOFERMIN PHARMACEUTICAL  
CAREER CO  
COMANY (JT)  
DAWN  
DEFACTOSTANDARD  
ESCROW AGENT JAPAN  
EVOLABLE ASIA  
EXTREME CO  
FIRST BK OF TOYAMA (THE)  
G THREE HOLDINGS CORP  
GENERATION PASS  
GFOOT CO (JT)  
GLOBAL GROUP  
GREENPEPTIDE  
HIROSE TUSYO  
IID  
INSOURCE  
IWAI COSMO HOLDINGS  
IWAKI  
JAPAN MEAT  
JUKI CORP  
KAMAKURA SHINSHO  
KFC HOLDINGS JAPAN  
KIKUSUI CHEMICAL (JT)  
KONOSHIMA CHEMICAL  
LITALICO  
MARIMO REGIONAL REV REIT  
MARUHACHI HOLDINGS  
MEMBERS CO (JT)  
MIE KOTSU GRP HLDGS (JT)  
MOBILE FACTORY  
NAKAMOTO PACKS  
NICCA CHEMICAL CO (JT)  
NIPPON COMMERCIAL (JT)  
NIPPON RAD  
NOUSOUKEN  
OOEDO ONSEN REIT INV  
POCKET CARD CO  
R&D COMPUTER CO  
RAYSUM CO  
SANYO SHOKAI  
SAWADA HOLDINGS CO  
SECOM JOSHINETSU CO  
SERAKU CO  
SHOWA AIRCRAFT INDUSTRY  
SHOWCASE TV  
SOLASTO CORPORATION  
STAR ASIA INVESTMENT  
STRIKE COMPANY  
SYSTEM INFORMATION  
SYSTEM RESEARCH  
THREEPRO GROUP  
TOKAN CO  
TOKYO BASE CO  
UMC ELECTRONICS  
UNIVERSAL ENGEISHA CO  
VEGA CORP CO  
WEATHERNEWS  
YAMAMI  
YAMASHIN FILTER  
ZENITAKA CORP

HIRATA CORP  
KANAGAWA CHUO KOTSU CO  
KANSAI SUPER MARKET  
KENKO MAYONNAISE CO  
KIKUSUI CHEMICAL IND  
LASERTEC CORP  
MCJ CO  
MEMBERS CO  
MIROKU JYOHU SERVICE CO  
MITANI SEKISAN CO  
MITSUUROKO GRP HLDGS CO  
NICCA CHEMICAL CO  
NIPPON COMMERCIAL DEV  
OSAKI ELECTRIC CO  
PRESTIGE INTERNATIONAL  
ROKKO BUTTER CO  
SAKHA DIAMOND CORP  
SHINNIHON CORP  
STARZEN CO  
STELLA CHEMIFA CORP  
V TECHNOLOGY CO  
VECTOR MINATO KU  
YAKUODO CO

MSCI HONG KONG INDEX

Additions

ASIA RESOURCES HLDG  
BAMBOOS HEALTH CARE  
CHINA DYNAMICS HLDGS  
CHINA HANYA GROUP HLDGS  
CHINA SOFT POWER TECH  
CHINA VANGUARD GRP (HK)  
CLASSIFIED GROUP HLDGS  
COMTEC SOLAR SYS GROUP

Deletions

ASIA COAL  
AUSNUTRIA DAIRY (HK)  
CEC INTERNATIONAL  
CENTRAL WEALTH FINANCIAL  
CHINA FINANCE INV HLDGS  
CHINA PACKAGING HLDGS  
CHINESE FOOD AND BEV GRP  
CNQC INTERNATIONAL HLDGS

COWELL E HOLDINGS  
 DAOHE GLOBAL GROUP  
 DAPHNE INTL HOLDING (HK)  
 E COMMODITIES HLDG (HK)  
 E. BON HOLDINGS  
 EVERSHERE GROUP HLDGS  
 GLORY MARK HI TECH  
 GRAND PEACE GROUP HLDGS  
 HAILIANG INTL HLDGS  
 HANBO ENTERPRISES HOLDIN  
 HUMAN HEALTH HOLDINGS  
 ICO GROUP  
 LC GROUP HOLDINGS  
 LI BAO GE GROUP  
 MANFIELD CHEMICAL HLDGS  
 MEGALOGIC TECH HLDGS  
 MELCOLOT (HK)  
 MILLENNIUM PACIFIC GROUP  
 MODERN MEDIA HOLDINGS  
 NETMIND FINANCIAL HLDGS  
 PAK WING GROUP HOLDINGS  
 PETRO KING OILFIELD (HK)  
 PINESTONE CAPITAL  
 PIZU GROUP HOLDINGS  
 PLAYMATES TOYS  
 PROSPER CONST HLDGS  
 SAMSON HOLDING  
 SINCERE WATCH  
 SINGAMAS CONTAINER HLDGS  
 SITOY GROUP HOLDINGS  
 SKYWAY SEC GRP (HK)  
 SOCAM DEVELOPMENT  
 SOLARTECH INTL HLDG  
 SPEEDY GLOBAL HOLDINGS  
 SUNCORP TECHNOLOGIES  
 SUPER STRONG HOLDINGS  
 SYMPHONY HOLDINGS (HK)  
 TECH PRO TECH DEV (HK)  
 TEN PAO GROUP HOLDINGS  
 TSUI WAH HOLDINGS  
 U BANQUET GROUP HOLDING  
 U-HOME GROUP HOLDINGS  
 UNION MEDICAL HEALTHCARE  
 VINCENT MED HLDGS  
 WLS HOLDINGS  
 XINYI AUTOMOBILE GLASS

DAN FORM HOLDINGS CO  
 EXTRAWELL PHARMA (CN)  
 GOLD FINANCE HOLDINGS  
 GROUP SENSE INTL  
 HONG KONG BUILDING  
 JOLIMARK HOLDINGS  
 KFM KINGDOM HOLDINGS  
 KINGWELL GROUP  
 LEE & MAN HANDBAGS HLDG  
 MAJOR HOLDINGS  
 NINE EXPRESS  
 PACIFIC PLYWOOD HLDGS  
 RYKADAN CAPITAL  
 SHIHUA DEVELOPMENT CO  
 SILK ROAD ENERGY SVCS  
 SINO GOLF HOLDINGS  
 SMARTAC GRP CHINA HLDGS  
 SOUNDWILL HOLDINGS  
 TAI UNITED HOLDINGS  
 TOU RONG CHANG FU GROUP  
 U-RIGHT INTL HOLDINGS  
 UPBEST GROUP  
 VITAL MOBILE HOLDINGS  
 WINSHINE SCIENCE CO  
 YAT SING HOLDINGS  
 ZHIDAO INTERNATIONAL

MSCI SINGAPORE INDEX

Additions  
 ASPIAL CORP  
 ISR CAPITAL  
 MAXI CASH FINANCIAL SVCS  
 PROCURRI CORP  
 SINGAPORE MEDICAL GRP  
 TAT HONG HOLDINGS  
 VICOM  
 YUUZOO CORP

Deletions  
 ACMA  
 ALPHA ENERGY HOLDINGS  
 GSH CORP  
 INFORMATICS EDUCATION  
 QIAN HU CORP

MSCI NORWAY INDEX

Additions  
 AVANCE GAS HOLDING  
 FRED OLSEN ENERGY  
 PARETO BANK  
 PROSAFE  
 TANKER INVESTMENTS

Deletions  
 BIONOR PHARMA  
 BW OFFSHORE LIMITED

MSCI AUSTRIA INDEX

Additions  
 ROSENBAUER INTERNATIONAL

Deletions  
 None

MSCI USA INDEX

Additions

AEGLEA BIOTHERAPEUTICS  
 AIRGAIN  
 ALJ REGIONAL HLDGS  
 ATOMERA  
 AUDENTES THERAPEUTICS  
 B RILEY FINANCIAL  
 CARDCONNECT CORP  
 CHROMADEX  
 CONTRAVIR PHARMA  
 CORVUS PHARMACEUTICALS  
 EARTHSTONE ENERGY  
 EKSO BIONICS HOLDINGS  
 FIRST COMMUNITY FINL  
 FIRST MID ILLINOIS  
 FLUIDIGM  
 FOGO DE CHAO  
 GEMPHIRE THERAPEUTICS  
 GLOBAL MEDICAL REIT  
 GLOBAL WATER RESOURCES  
 HMN FINANCIAL  
 IMMUNE DESIGN CORP  
 INFINITY PHARMACEUTICALS  
 KADMON HOLDINGS  
 LSB INDUSTRIES  
 MADRIGAL PHARMACEUTICALS  
 MIDDLEFIELD BANC  
 MIDLAND STS BANCORP  
 MIRATI THERAPEUTICS  
 NETWORK 1 TECHNOLOGIES  
 NOODLES & CO A  
 NORTHERN OIL AND GAS  
 OCULAR THERAPEUTIX  
 ONCOBIOLOGICS  
 PROTAGONIST THERAPEUTICS  
 PULSE BIOSCIENCES  
 QUORUM HEALTH CORP  
 RANDOLPH BANCORP  
 REGULUS THERAPEUTICS  
 SELECTA BIOSCIENCES  
 SENSEONICS HOLDINGS INC  
 SENSUS HEALTHCARE  
 SITO MOBILE  
 SOPHIRIS BIO  
 SPRING BANK PHARMA  
 STAGE STORES  
 SUNWORKS  
 SYNDAX PHARMACEUTICALS  
 SYROS PHARMACEUTICALS  
 TACTILE SYSTEMS TECH  
 TIDEWATER  
 TRINITY PLACE HOLDINGS  
 TURNING POINT BRANDS  
 VERSO NEW  
 VIEWRAY  
 VIRCO MANUFACTURING CORP  
 VIVEVE MEDICAL

MSCI CANADA INDEX

Additions

BELLATRIX EXPLORATION  
 COLUMBUS GOLD  
 CONCORDIA INTERNATIONAL  
 GOLDMONEY  
 HEROUX-DEVTEK  
 JAGUAR MINING  
 LARGO RESOURCES  
 MAINSTREET HEALTH INV  
 NEMASKA LITHIUM  
 NEXGEN ENERGY  
 PINE CLIFF ENERGY  
 REITMANS (CANADA)  
 WELLGREEN PLATINUM

Deletions

ACTIVE POWER  
 AEP INDUSTRIES  
 AGENUS  
 ALPHA & OMEGA SEMICONDU  
 APIGEE CORP  
 ARMADA HOFFLER PROP  
 BIOTELEMETRY  
 BRIGHTCOVE  
 CARBONITE  
 CASELLA WASTE SYSTEMS A  
 CLAYTON WILLIAMS ENERGY  
 COLUCID PHARMACEUTICALS  
 CRAWFORD & CO A  
 CRAWFORD & CO B  
 CU BANCORP  
 DOCUMENT SECURITY SYS  
 ERICKSON  
 FLEXION THERAPEUTICS  
 GENVEC  
 GLADSTONE COMM CORP  
 HORIZON BANCORP INDIANA  
 IND SVCS OF AMERICA  
 INDEPENDENCE REALTY TRUS  
 LIGHTBRIDGE CORP  
 MESA LABORATORIES  
 MINERVA NEUROSCIENCES  
 MONARCH CASINO & RESORT  
 MYOKARDIA  
 NEXPOINT RESIDENTIAL  
 OCEANFIRST FINANCIAL  
 PARK STERLING BANK  
 QCR HOLDINGS  
 REGENXBIO  
 RESOLUTE ENERGY CORP  
 RING ENERGY  
 SORRENTO THERAPEUTICS  
 STONEGATE BANK  
 SUFFOLK BANCORP  
 SUNSHINE HEART  
 TOBIRA THERAPEUTICS  
 TOWERSTREAM CORP  
 TRUPANION  
 US ENERGY CORP WYOMING  
 VIOLIN MEMORY  
 VITAE PHARMACEUTICALS  
 XACTLY  
 XENITH BANKSHARES (NEW)

Deletions

ARIZONA MINING  
 ASTON HILL FINANCIAL  
 CYNAPSUS THERAPEUTICS  
 ENDEAVOUR SILVER  
 ITHACA ENERGY  
 NEULION  
 NEWMARKET GOLD  
 NIKO RESOURCES  
 SILVERCORP METALS  
 TIMBERCREEK FINANCIAL  
 TOUCHSTONE EXPLORATION  
 TRICAN WELL SERVICE  
 WPT INDUSTRIAL REIT

MSCI SWEDEN INDEX

Additions

AMASTEN HOLDING  
 B3IT MANAGEMENT  
 BIMOBJECT  
 BOULE DIAGNOSTICS  
 EASYFILL B  
 GARO  
 GS SWEDEN  
 IMINT IMAGE INTELLIGENCE  
 INTERFOX RESOURCES  
 LEOVEGAS  
 MARKETING GROUP (THE)  
 NEPA  
 NORDIC WATERPROOFING  
 OREXO  
 SANIONA  
 TF BANK AB  
 WILSON THERAPEUTICS

Deletions

AQ GROUP  
 CAMURUS  
 CASSANDRA OIL  
 CATENA MEDIA  
 ELANDERS  
 MAGNOLIA BOSTAD  
 PILUM  
 PROBI AB

MSCI UNITED KINGDOM INDEX

Additions

ACCROL GROUP HOLDINGS  
 AVATION  
 BLUE PRISM GROUP  
 BOOT (HENRY)  
 BRAMMER  
 CIRCASSIA PHARMA  
 CLOUDTAG  
 COMPTOIR GROUP  
 DIRECTA PLUS  
 DP POLAND  
 DRAPER ESPRIT  
 GAME DIGITAL  
 GEM DIAMONDS  
 GLEESON (M.J.)  
 GLI FINANCE  
 GYM GROUP  
 HARWORTH GROUP  
 HOTEL CHOCOLAT GROUP  
 JONES (WATKIN)  
 JOULES GROUP  
 KOOVS  
 LSL PROPERTY SVCS  
 MIDWICH GROUP  
 MORGAN SINDALL GROUP  
 MORSES CLUB  
 MOTORPOINT GROUP  
 MUCKLOW (A & J) GROUP  
 NON-STANDARD FINANCE  
 PATISSERIE HOLDINGS  
 POLAR CAPITAL HOLDINGS  
 PPHE HOTEL GROUP  
 PURETECH HEALTH  
 PURPLEBRICKS GROUP  
 REGIONAL REIT  
 SIERRA RUTILE  
 SPEEDY HIRE  
 ST IVES  
 STAFFLINE GROUP  
 STHREE  
 TARSUS GROUP  
 THORPE (F W)  
 TOPPS TILES  
 TRINITY MIRROR  
 URBAN&CIVIC  
 VP

Deletions

ACCESSO TECHNOLOGY GROUP  
 AMBRIAN  
 BENCHMARK HOLDINGS  
 CIRCLE OIL  
 CLOUDBUY  
 CRANEWARE  
 FERREXPO  
 GEORGIA HEALTHCARE GROUP  
 HURRICANE ENERGY  
 LGO ENERGY  
 PARITY GROUP  
 SOUND ENERGY  
 WEST AFRICAN MRLS CORP  
 XCITE ENERGY  
 XLMEDIA

MSCI FINLAND INDEX

Additions

DETECTION TECHNOLOGY  
 HKSCAN A

Deletions

ALMA MEDIA CORPORATION

KOTIPIZZA GROUP  
PIHLAJALINNA  
SUOMEN HOIVATILAT

MSCI NEW ZEALAND INDEX

Additions  
TEGEL GROUP HOLDINGS

Deletions  
BRISCOE GROUP  
CBL  
HEARTLAND BANK  
INTUERI EDUCATION GROUP  
PROPERTY FOR INDUSTRY  
PUMPKIN PATCH  
STRIDE STAPLED GROUP  
TEAMTALK  
VITAL HEALTHCARE PPTY

MSCI IRELAND INDEX

Additions  
APPLEGREEN  
FBD HOLDINGS

Deletions  
None

MSCI ISRAEL INDEX

Additions  
A.D.O GROUP  
E SCHNAPP CO WORKS  
G WILLI FOOD INTL (USD)  
SARINE TECHNOLOGIES  
SHANIV PAPER INDUSTRY  
UNITRONICS  
XLMEDIA (IL)

Deletions  
INDUSTRIAL BUILDINGS  
JERUSALEM ECONOMY  
MAZOR ROBOTICS  
ORTAM SAHAR ENGINEERING  
SODASTREAM INTL

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