

Geneva, May 13, 2019

MSCI GLOBAL SMALL CAP INDEXES

The following are changes in constituents for the MSCI Global Small Cap Indexes which will take place as of the close of May 28, 2019.

SUMMARY PER COUNTRY and PER REGION:

Region	Country	Nb of Securities Added	Nb of Securities Deleted
Asia Pacific			
	PAKISTAN	0	3
	AUSTRALIA	13	2
	JAPAN	24	25
	HONG KONG	5	2
	SINGAPORE	1	2
	MALAYSIA	1	2
	INDONESIA	5	1
	PHILIPPINES	1	1
	TAIWAN	10	5
	KOREA	14	3
	THAILAND	6	6
	INDIA	12	10
	CHINA	25	20

Region	Country	Nb of Securities Added	Nb of Securities Deleted
Europe, Middle East and Africa			
	GREECE	0	2
	UNITED ARAB EMIRATES ¹		0
	QATAR	1	0
	BELGIUM	0	1
	SWITZERLAND	6	1
	DENMARK	1	0
	SPAIN	3	1
	FRANCE	2	3
	GERMANY	5	7
	NETHERLANDS	1	0
	ITALY	2	2
	NORWAY	1	1
	SWEDEN	8	2
	UNITED KINGDOM	16	11
	FINLAND	1	0
	TURKEY	2	6
	ISRAEL	7	2
	SOUTH AFRICA	3	3
	SAUDI ARABIA	41	0
	POLAND	0	2
	CZECH REPUBLIC	1	0
	RUSSIA	1	0
	EGYPT	1	0

Region	Country	Nb of Securities Added	Nb of Securities Deleted
Americas			
	USA	92	53
	CANADA	13	11
	MEXICO	0	2
	CHILE	0	1
	ARGENTINA	6	0
	BRAZIL	8	1
	PERU	0	1

ASIA PACIFIC

MSCI PAKISTAN INDEX

Additions
None

Deletions
FAUJI CEMENT CO
FAUJI FERTILIZER BIN QAS
INTERNATIONAL STEELS

MSCI AUSTRALIA INDEX

Additions
AMA GROUP
CLINUVEL PHARMACEUTICALS
CORONADO GLOBAL RES CDI
DICKER DATA
GOLD ROAD RESOURCES
JUMBO INTERACTIVE
JUPITER MINES
MEGAPORT
MOUNT GIBSON IRON
NEARMAP
SERVICE STREAM
SILVER LAKE RESOURCES
ZIP CO

Deletions
ALTURA MINING
ECLIPX GROUP

MSCI JAPAN INDEX

Additions
ANGES
ARTERIA NETWORKS
ASICS CORP
CHANGE
CYBOZU
DENA CO
ELAN CORP
EM SYSTEMS CO
ENIGMO
FUJIO FOOD SYSTEM CO
GMO CLOUD KK
JAPAN BEST RESCUE SYSTEM
KAMAKURA SHINSHO
KEIHANSHIN BUILDING CO
KOURAKUEN HOLDINGS CORP
OPTIM
ORO
RORZE CORP
RPA HOLDINGS
SAMTY RESIDENTIAL INV
STAR ASIA INVESTMENT
TAKASHIMAYA CO
WORLD
YAMAGUCHI FINANCIAL GRP

Deletions
ADVANTEST CORP
ADVENTURE
AKEBONO BRAKE INDUSTRY
AOI ELECTRONIC CO
CHIBA KOGYO BANK (THE)
CLEANUP CORP
FFRI
FIELDS CORP
FUDO TETRA CORP
GMO PAYMENT GATEWAY
ITOCHU TECHNO-SOLUTIONS
ITOKI CORP
JIMOTO HOLDINGS
MITSUBISHI STEEL MFG CO
NAMURA SHIPBUILDING CO
PC DEPOT CORP
PEPTIDREAM
REMIXPOINT
SANDEN HOLDINGS CORP
SHINOKEN GROUP CO
TATERU
TOCHIGI BANK
TOYO ENGINEERING CORP
TOYO KANETSU K.K
UNITIKA

MSCI HONG KONG INDEX

Additions
HANG LUNG GROUP
MEGA EXPO HOLDINGS
MINTH GROUP (HK)
NISSIN FOODS COMPANY
VPOWER GROUP INTL HLDGS

Deletions
ASIASEC PROPERTIES
CHINA TONGHAI INTL FINL

MSCI SINGAPORE INDEX

Additions
OXLEY HOLDINGS

Deletions
ASIAN PAY TELEVISION
RIVERSTONE HOLDINGS

MSCI MALAYSIA INDEX

Additions
ATA IMS

Deletions
GAS MALAYSIA
OSK HOLDINGS

MSCI INDONESIA INDEX

Additions

ALFA ENERGI INVESTAMA
BANK TABUNGAN PEN. NASIO
PELAYARAN TAMARIN
PURADELTA LESTARI
TOWER BERSAMA INFRA

Deletions

SALIM IVOMAS PRATAMA

MSCI PHILIPPINES INDEX

Additions

SEMIRARA MINING & POWER

Deletions

CENTURY PACIFIC FOOD

MSCI TAIWAN INDEX

Additions

ASIA VITAL COMPONENTS
CAYMAN ENGLELY INDL
EGIS TECHNOLOGY
FORMOSA SUMCO TECHNOLOGY
FUSHENG PRECISION
NAN PAO RESINS CHEMICAL
NEWMAX TECHNOLOGY CO
QUANTA STORAGE
TAIWAN SURFACE MOUNTING
UNION BANK OF TAIWAN

Deletions

CHUNG HSIN ELEC & MACH
KERRY TJ LOGISTICS CO
LEXTAR ELECTRONICS CORP
SENAO INTERNATIONAL CO
ZENG HSING INDUSTRIAL CO

MSCI KOREA INDEX

Additions

ABL BIO
AFREECATV
ALTEOGEN
CHABIOTECH CO
CHUNBO
COWELL FASHION
DGB FINANCIAL HOLDINGS
DONGWON SYSTEMS CORP
EUTILEX
KMW CO
KOENTEC
LOTTE DATA COMMUNICATION
MEGASTUDYEDU CO
PHARMABCINE

Deletions

APROGEN PHARMACEUTICALS
MERITZ SECURITIES CO
SBS MEDIA HOLDINGS CO

MSCI THAILAND INDEX

Additions

AEON THANA SINSAP
ASIA AVIATION
BANGKOK LIFE ASSURANCE
EASTERN WATER RES DEV
PRUKSA HOLDING
TIPCO ASPHALT

Deletions

MC GROUP
PRINCIPAL CAPITAL
THAICOM PCL
THAIFOODS GROUP
VGI GLOBAL MEDIA PCL
VIBHAVADI MEDICAL CENTER

MSCI INDIA INDEX

Additions

AAVAS FINANCIERS
ASTRAZENECA PHARMA INDIA
BALRAMPUR CHINI MILLS
BEML
CHALET HOTELS
ESSEL PROPACK
L&T TECHNOLOGY SERVICES
LINDE INDIA
MAHARASHTRA SCOOTERS
OIL INDIA
TCNS CLOTHING
UJJIVAN FINANCIAL SVCS

Deletions

ASAHI INDIA GLASS
CESC VENTURES
DCM SHRIRAM
GUJARAT MINERAL DEV CORP
ISGEC HEAVY ENGINEERING
RELIANCE COMMUNICATION
RELIANCE POWER
SHANKARA BLDG PRODUCTS
SPENCER'S RETAIL
TEJAS NETWORKS

MSCI CHINA INDEX

Additions

AURORA MOBILE A ADR

Deletions

AGM GROUP HOLDINGS A

BRIGHT SCHOLAR EDU A ADR
 CAR
 CHEETAH MOBILE A ADR
 CHINA SOUTH CITY HLDGS
 CHINA TRAVEL INTL
 DEXIN CHINA HOLDINGS
 ESSEX BIO-TECHNOLOGY
 EVER SUNSHINE LIFESTYLE
 HUIFU PAYMENT
 JIANPU TECHNOLOGY A ADR
 JIAYUAN INTERNATIONAL
 JINGRUI HOLDINGS
 LVGEM CHINA REAL ESTATE
 MINSHENG EDUCATION GRP
 MOBIVISTA
 ONESMART INTL EDU A ADR
 PPDAI A ADR
 QUTOUTIAO ADR A
 SHANGHAI JIN JIANG H
 TIANLI EDUCATION INTL
 TPV TECHNOLOGY
 X FINANCIAL ADR A
 YIXIN GROUP LIMITED
 ZHOU HEI YA INTL HLDGS

APT SATELLITE HLDGS (CN)
 BEIJING URBAN CONSTRUC H
 CARNIVAL GRP INTL HLDGS
 CHIHO ENVIRONMENTAL GRP
 CHINA AOYUAN GROUP
 CHINA MEDICAL & HEALTH
 CHONG SING HLDGS FINTECH
 CT ENVIRONMENTAL GROUP
 EASTERN COMMU. B
 FIRST TRACTOR CO H
 GOLDEN MEDITECH CO
 GROUND INTL DEV (CN)
 LI NING CO
 MING LAM HOLDINGS
 OZNER WATER INTL HOLDING
 SHANDONG XINHUA PHARMA H
 SHANGHAI PHOENIX ENT B
 SHANGHAI SHIBEI HITECH B
 YUAN HENG GAS (CN)

EUROPE, MIDDLE EAST AND AFRICA

MSCI GREECE INDEX

Additions

None

Deletions

EUROBANK ERGASIAS

NATIONAL BANK OF GREECE

MSCI UNITED ARAB EMIRATES INDEX

Additions

DANA GAS

Deletions

None

MSCI QATAR INDEX

Additions

QATAR ALUMINUM MFG

Deletions

None

MSCI BELGIUM INDEX

Additions

None

Deletions

GREENYARD

MSCI SWITZERLAND INDEX

Additions

COLTENE HOLDING

DKSH HOLDING

SIG COMBIBLOC GROUP

TAMEDIA

VETROPACK HOLDING INH

VP BANK NAMEN A

Deletions

INVESTIS HOLDING

MSCI DENMARK INDEX

Additions

RINGKJOEBING LANDBOBANK

Deletions

None

MSCI SPAIN INDEX

Additions

GRUPO EMPRESARIAL SAN JO

PHARMAMAR

PROSEGUR CASH

Deletions

CELLNEX TELECOM

MSCI FRANCE INDEX

Additions

REXEL

SMCP

Deletions

BOURBON CORPORATION

ESSO

WORLDLINE

MSCI GERMANY INDEX

Additions

BEFESA
CROPENERGIES
ECKERT & ZIEGLER
OSRAM LICHT
PROSIEBEN SAT1 MEDIA

Deletions

BIOTEST VORZUG
CARL ZEISS MEDITEC
DMG MORI
DWS GROUP
GFT TECHNOLOGIES
HAPAG LLOYD
SLM SOLUTIONS GROUP

MSCI NETHERLANDS INDEX

Additions

ALTICE EUROPE A

Deletions

None

MSCI ITALY INDEX

Additions

SAES GETTERS
TINEXTA

Deletions

AEROPORTO GUGLIELMO
FINECOBANK

MSCI NORWAY INDEX

Additions

SEADRILL LTD

Deletions

GAMING INNOVATION GROUP

MSCI SWEDEN INDEX

Additions

ACANDO B
BOOZT
CLIMEON B
FINGERPRINT CARDS B
LIFCO B
SAGAX D
THQ NORDIC B
XVIVO PERFUSION

Deletions

ELANDERS
VICTORIA PARK B

MSCI UNITED KINGDOM INDEX

Additions

AB DYNAMICS
ANGLO PACIFIC GROUP
ASTON MARTIN LAGONDA
BABCOCK INTL GROUP
BARR (A.G.)
CONVATEC GROUP
CUSTODIAN REIT
DIVERSIFIED GAS & OIL
FUNDING CIRCLE HOLDINGS
HAMMERSON
LXI REIT
PICTON PPTY INCOME
ROYAL MAIL GROUP
SERICA ENERGY
UK COMM PPTY TRUST
URBAN&CIVIC

Deletions

CAPITAL & REGIONAL
GEORGIA CAPITAL
HALMA
KCOM GROUP
MAJESTIC WINE
NOSTRUM OIL & GAS
OCADO GROUP
PETRA DIAMONDS
RENTOKIL INITIAL
SOUND ENERGY
SPIRAX SARCO ENGINEERING

MSCI FINLAND INDEX

Additions

ROVIO ENTERTAINMENT

Deletions

None

MSCI TURKEY INDEX

Additions

PETKIM PETROKIMYA HLDG
TURKIYE HALK BANKASI

Deletions

AKSA ENERJİ URETİM
ANADOLU GRUBU HOLDING
ANADOLU HAYAT EMEKLİLİK
ANADOLU SIGORTA
KARDEMİR KARABUK DEMİR A
TURK TRAKTOR

MSCI ISRAEL INDEX

Additions

ASHTROM GROUP
 ATTUNITY (USD)
 BEZEQ ISRAEL TELECOM
 ENERGIX RENEWABLE
 FATTAL HOLDINGS 1998
 HADERA PAPER
 PROPERTY & BUILDING CORP

Deletions

CYBERARK SOFTWARE (USD)
 ISRAEL DISCOUNT BANK

MSCI SOUTH AFRICA INDEX

Additions

HYPROP INVESTMENTS LTD
 LIBSTAR HOLDINGS
 RESILIENT REIT

Deletions

ASCENDIS HEALTH
 DELTA PROPERTY FUND
 REBOSIS PROPERTY FUND

MSCI SAUDI ARABIA INDEX

Additions

ABDULLAH AL OTHAIM MKT
 AL HAMMADI DEVELOPMENT
 AL MOUWASAT MEDICAL SVCS
 AL RAJHI FOR COPR INS
 AL TAYYAR TRAVEL GROUP
 ALDREES PETROLEUM
 ALUJAIN CORP (ALCO)
 ARABIAN CEMENT (SA)
 ARRIYADH CONSTRUCTION
 ASEER
 CITY CEMENT
 DALLAH HEALTHCARE HLDG
 DUR HOSPITALITY
 EASTERN PROVINCE CEMENT
 FAWAZ ABDULAZIZ ALHOKAIR
 HALWANI BROS CO
 HERFY FOOD SERVICES
 LEEJAM SPORTS
 MIDDLE EAST HEALTHCARE
 MOBILE TELECOM (SAUDI)
 NAJHRAN CEMENT
 NATIONAL AGRI DEV (THE)
 NATIONAL MEDICAL CARE
 NATL GAS & INDL
 NORTHERN REGION CEMENT
 SAHARA PETROCHEMICAL CO
 SAUDI CERAMIC
 SAUDI CHEMICAL CO
 SAUDI CO FOR HARDWARE
 SAUDI DAIRY & FOODSTUFF
 SAUDI INTL PETROCHEM
 SAUDI PHARMACEUTICAL IND
 SAUDI PUBLIC TRANSPORT
 SAUDI REAL ESTATE CO
 SAUDI RESEARCH AND MKT
 SOUTHERN PROVINCE CEMENT
 THE QASSIM CEMENT CO
 UNITED ELECTRONICS
 UNITED INTL TRANSPORT
 YAMAMAH SAUDI CEMENT CO
 YANBU CEMENT

Deletions

None

MSCI POLAND INDEX

Additions

None

Deletions

BORYSZEW
 STALPRODUKT

MSCI CZECH REPUBLIC INDEX

Additions

MORRIS (PHILIP)

Deletions

None

MSCI RUSSIA INDEX
Additions
ROSTELECOM COMMON (RUB)

Deletions
None

MSCI EGYPT INDEX
Additions
CLEOPATRA HOSPITAL

Deletions
None

AMERICAS

MSCI USA INDEX
Additions
ADT
AGILYSYS
ALLOGENE THERAPEUTICS
ALTAIR ENGINEERING A
ALTERYX A
AMERESCO A
APPFOLIO A
APPIAN A
ARES COMMERCIAL REAL EST
ARVINAS
AXONICS MODULATION TECH
AXSOME THERAPEUTICS
BANDWIDTH A
BLOOM ENERGY CORP A
BOSTON OMAHA A
CALYXT
CARBON BLACK
CARGURUS A
CARVANA A
CATALYST PHARMACEUTICAL
CENTURY BANCORP A
CONSTRUCTION PRITNRS A
CONTURA ENERGY
COREENERGY INFRASTRUCTURE
CRINETICS PHARMA
DOMO B
DUCOMMUN
EIDOS THERAPEUTICS
ELASTIC NV
ENPHASE ENERGY
EVENTBRITE
EVO PAYMENTS A
EVOLUS
FLUENT
FLUIDIGM
FORTY SEVEN
GOODYEAR TIRE & RUBBER
GOSSAMER BIO
GREENSKY A
GUARDANT HEALTH
HAMILTON LANE A
HANGER
INNOVATIVE INDL PPTYS A
JOHNSON OUTDOORS A
KALVISTA PHARMACEUTICALS
KINIKSA PHARMA A
KRYSTAL BIOTECH
LIBERTY OILFIELD SVCS A
MAGNOLIA OIL & GAS A
MALIBU BOATS A
MATTEL
MEIRAGTX HOLDINGS
MITEK SYSTEMS
NANOSTRING TECHNOLOGIES
ODONATE THERAPEUTICS
ORTHOPEDIATRICS
OSIRIS THERAPEUTICS
PENNYMAC FINL SERVICES
PETIQ A
PIVOTAL SOFTWARE A

Deletions
ACLARIS THERAPEUTICS
ADAMAS PHARMACEUTICALS
AGROFRESH SOLUTIONS
AMERICAN RENAL HOLDINGS
APTINYX
ASCENA RETAIL GROUP
BARNES & NOBLE EDUCATION
BASIC ENERGY SERVICES
BELLICUM PHARMACEUTICALS
BIOTIME
CAPITAL SENIOR LIVING
CBL & ASSOCIATES PPTYS
CONCERT PHARMACEUTICALS
CUTERA
DEAN FOODS CORP
DOVA PHARMA
EPAM SYSTEMS
EQUITY LIFESTYLE PPTYS
ERIE INDEMNITY CO A
EXACT SCIENCES CORP
FACTSET RESEARCH SYSTEMS
GNC HOLDINGS A
GP STRATEGIES CORP
HALCON RESOURCES
HEICO CORP
HEICO CORP A
INNERWORKINGS
INVACARE CORP
IONIS PHARMACEUTICALS
LA JOLLA PHARMACEUTICAL
LSC COMMUNICATIONS
MAIDEN HOLDINGS
MARKETAXESS HLDGS
MONEYGRAM INTERNATIONAL
NATURAL GAS SERVICES GRP
NAUTILUS
NCS MULTISTAGE HOLDINGS
NET 1 UEPS TECHNOLOGIES
NII HOLDINGS
OWENS & MINOR
PARATEK PHARMACEUTICALS
PAYCOM SOFTWARE
PERKINELMER
POTBELLY
SIENTRA
STERIS
SUN COMMUNITIES
SUPERIOR INDUSTRIES
TWILIO A
UBIQUITI NETWORKS
ULTIMATE SOFTWARE GROUP
ULTRA PETROLEUM
ZEBRA TECHNOLOGIES A

PLURALSIGHT A
PRINCIPIA BIOPHARMA
QUANTERIX
QUOTIENT
ROAN RESOURCES A
ROKU A
RUBIUS THERAPEUTICS
SCHNEIDER NATIONAL B
SCHOLAR ROCK HOLDING
SECUREWORKS A
SHOTSPOTTER
SMARTSHEET A
SOLARIS OILFIELD INFRA A
STAR GROUP
STITCH FIX A
SVMK
SWITCH
TENABLE HOLDINGS
TILRAY SV 2
TWIN RIVER WORLDWIDE
TWIST BIOSCIENCE
UNITED THERAPEUTICS CORP
UPWORK
VERACYTE
VERRA MOBILITY A
VICTORY CAPITAL HOLDINGS
VISHAY PRECISION GROUP
WAITR HOLDINGS
WILLDAN GROUP
Y MABS THERAPEUTICS
YETI HOLDINGS
ZUORA A

MSCI CANADA INDEX

Additions

AIMIA
ARC RESOURCES
DUNDEE PRECIOUS METALS
ERO COPPER
FINNING INTL
FRONTERA ENERGY CORP
GOEASY
GREEN ORGANIC DUTCH HLDG
LASSONDE INDUSTRIES A SV
MORGUARD NORTH AMER RESI
SEVEN GENERATIONS ENRG A
TURQUOISE HILL RES
VILLAGE FARMS INTL

Deletions

BONTERRA ENERGY
CHOICE PROPERTIES REIT
GUYANA GOLDFIELDS
KIRKLAND LAKE GOLD (NEW)
MAXAR TECHNOLOGIES
MOUNTAIN PROV DIAMONDS
NEMASKA LITHIUM
OBSIDIAN ENERGY
PENGROWTH ENERGY
PROMETIC LIFE SCIENCES
QUEBECOR B

MSCI MEXICO INDEX

Additions

None

Deletions

AXTEL CPO
INDUSTRIAS CH CL B

MSCI CHILE INDEX

Additions

None

Deletions

EMPRESAS TRICOT

MSCI ARGENTINA INDEX

Additions

ARCOS DORADOS HOLDINGS A
CENTRAL PUERTO ADR
CORPORACION AM AIRPORTS
DESPEGAR.COM
EDENOR B ADR
LOMA NEGRA ADR

Deletions

None

MSCI BRAZIL INDEX

Additions

AZUL PN

Deletions

CIA ENERGETICA CEAR PN A

BANCO INTER PN
CIA SANEAMENTO PARANA UN
COMPANHIA DE LOCACAO ON
FERBASA PN
JSL ON
PETRO RIO ON
UNIPAR CARBOCLORO PN B

MSCI PERU INDEX

Additions

None

Deletions

VOLCAN COMPANIA MINERA B

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