

Geneva, November 14, 2023

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, 2023.

SUMMARY PER COUNTRY:

Country	Nb of Securities Added	Nb of Securities Deleted
AUSTRALIA	16	18
BELGIUM	3	0
SWITZERLAND	3	2
DENMARK	1	1
SPAIN	1	0
FRANCE	3	9
GERMANY	6	4
NETHERLANDS	4	0
ITALY	6	2
JAPAN	23	14
HONG KONG	10	18
NORWAY	3	6
USA	101	46
CANADA	8	6
SWEDEN	11	4
UNITED KINGDOM	7	15
FINLAND	5	0
NEW ZEALAND	0	1
ISRAEL	10	6
SINGAPORE	2	4

MSCI AUSTRALIA INDEX

Additions

ARAFURA RARE EARTHS
ARGOSY MINERALS
BRAINCHIP HOLDINGS
GRANGE RESOURCES
IMUGENE
IONEER
IRIS METALS
MESOBLAST
OMNI BRIDGEWAY
SEVEN WEST MEDIA
STRICKLAND METALS
SYRAH RESOURCES
TALON ENERGY
TIETTO MINERALS
VULCAN ENERGY RESOURCES
WILDCAT RESOURCES

Deletions

AEON METALS
ATOMO DIAGNOSTICS
AUDINATE GROUP
AZURE MINERALS
BBX MINERALS
BESTON GLOBAL FOOD
CASTILE RESOURCES
CONRAD ASIA ENERGY
DEEP YELLOW
HEALTHCO HEALTHCARE
IMAGION BIOSYSTEMS
ITECH MINERALS
LIVETILES
PODIUM MINERALS
RED 5
SG FLEET GROUP
WESTGOLD RESOURCES
YOJEE

MSCI BELGIUM INDEX

Additions

AGFA GEVAERT
CIE DU BOIS SAUVAGE
IMMOBILIERE DE BELGIQUE

Deletions

None

MSCI SWITZERLAND INDEX

Additions

BASLER KANTONALBANK PART
KUROS BIOSCIENCES
SCHWEIZERISCH NATL BANK

Deletions

ADDEX THERAPEUTICS
VON ROLL HOLDING INHABER

MSCI DENMARK INDEX

Additions
TRIFORK HOLDING

Deletions
SPAREKASSEN SJAELLAND

MSCI SPAIN INDEX
Additions
SOLTEC POWER HOLDINGS

Deletions
None

MSCI FRANCE INDEX
Additions
GROUPE GUILLIN
MAISONS DU MONDE
SMCP

Deletions
AGROGENERATION
AST GROUPE
AUPLATA MINING GROUP
BIOPHYTIS
CAPELLI
HOPIUM
NHOA
PARAGON ID
RALLYE

MSCI GERMANY INDEX
Additions
ABO WIND
BASLER
BRANICKS GROUP
NEW WORK
PSI SOFTWARE
WASHTEC

Deletions
CREDITSHELF
FRIWO
GORE GERMAN OFFICE
MUTARES

MSCI NETHERLANDS INDEX
Additions
AZERION GROUP
B&S GROUP
EBUSCO HOLDING
NX FILTRATION

Deletions
None

MSCI ITALY INDEX
Additions
ALTEA GREEN POWER
ANTARES VISION
BANCO DESIO BRIANZA
BIESSE
DOVALUE
SICILY BY CAR

Deletions
IVS GROUP A
PIERREL

MSCI JAPAN INDEX
Additions
ABEJA
ADVENTURE
AEROEDGE
AGILE MEDIA NETWORK
ALPHA SYSTEMS
ANYMIND GROUP
BLEACH
BUSHIROAD
CUC
CUORIPS
ECONAVISTA
GENDA
GRID
IFUJI SANGYO
JIG.JP
NAGASE BROTHERS
NARERU GROUP
S POOL
STEMRIM
TOUMEI
TRYT
TV TOKYO HOLDINGS CORP
YOKOWO CO

Deletions
BANK OF NAGOYA (THE)
BEMAP
ENPLAS CORP
ILL
JVC KENWOOD CORP
KASUMIGASEKI CAPITAL
MARUMITSU CO
MIRAI INDUSTRY (JP)
PREMIUM WATER HOLDINGS
RVH
RYOBI
SENSHU IKEDA HOLDINGS
TOWA CORP
TSURUMI MANUFACTURING

MSCI HONG KONG INDEX

Additions

AGTECH HOLDINGS (HK)
BDUCK SEMK HOLDINGS INTL
CHINESE ESTATES HOLDINGS
GOLDEN PONDER HOLDINGS
HKE HOLDINGS (HK)
HONG KONG TECH VENTURE
MECOM POWER AND CONST
SUNLIGHT REIT
VPOWER GROUP INTL HLDGS
YIELD GO HOLDINGS

Deletions

BISON FINANCE GROUP
CHK OIL
DTXS SILK ROAD INV HLDGS
GREENPRO CAPITAL (HK)
HAO TIAN INTL CONST INV
HATCHER GROUP
HUAYI TENCENT ENTMT (HK)
PINESTONE CAPITAL
SANERGY GROUP
SOLARTECH INTL HLDG
SPACE GROUP HOLDINGS
SPEEDY GLOBAL HOLDINGS
VESYNC
WAN KEI GROUP HOLDINGS
WING LEE PROPERTY INV
WINTO GROUP HOLDINGS
XINYI ELECTRIC STORAGE
ZHONG JI LONGEVITY SCI

MSCI NORWAY INDEX

Additions

AKER HORIZONS
BEWI
HEXAGON PURUS

Deletions

ASETEK
CIRCIO HOLDING
GRAM CAR CARRIERS
QUANTAFUEL
RIVER TECH
SIEM OFFSHORE

MSCI USA INDEX

Additions

2SEVENTY BIO
2U
8X8
AARONS COMPANY (THE)
AEON BIOPHARMA
AEROVATE THERAPEUTICS
ALDEYRA THERAPEUTICS
ALLAKOS
ALLOVIR INC
AMERICAN VANGUARD CORP
AMERICAN WELL CORP
AMPRIUS TECH
ANGIODYNAMICS
ANIKA THERAPEUTICS
APPLIED THERAPEUTICS
ARCUTIS BIOTHERAPEUTICS
ARROW FINANCIAL CORP
ASSERTIO HOLDINGS
ATAI LIFE SCIENCES
AXOGEN
BABCOCK & WILCOX ENT
BANDWIDTH A
BANK MARIN
BIGLARI HOLDINGS A
BIGLARI HOLDINGS B
BLINK CHARGING
BLUEBIRD BIO
BUTTERFLY NETWORK A
BV FINANCIAL
CAMBIUM NETWORKS
CANOO
CAREDX
CERUS CORP
CLARUS CORPORATION
COMPASS THERAPEUTICS
COMPUTER PROGRAMS & SYS
CSP
CUTERA
DRILLING TOOLS INTNL

Deletions

AIR INDUSTRIES GROUP
ALKALINE WATER COMPANY
AMNEAL PHARMACEUTICALS
APPLIED MOLECULAR TRANS
ATHERSYS
ATRECA A
AVALON GLOBOCARE
AYRO
BIODESIX
BRAINSTORM CELL
CALAMP
CECO ENVIRONMENTAL
CHICKEN SOUP FOR SOUL A
CONCRETE PUMPING HLDGS
DAILY JOURNAL CORP
DIXIE GROUP
EDGEWISE THERAPEUTICS
EDUCATIONAL DEV CORP
ENERGOUS CORP
FORGE GLOBAL HLDGS
FREQUENCY THERAPEUTICS
GENIE ENERGY B
GROUPON
HALLADOR ENERGY CO
HUDSON TECHNOLOGIES
IMPEL PHARMACEUTICALS
IMUNON
INTRUSION
ITERUM THERAPEUTICS
LSI INDUSTRIES
MEDAVAIL HLDGS
MSP RECOVERY
NEAR INTELLIGENCE
NEWPARK RESOURCES
NEXTNAV
NUVVE HOLDING
OLEMA PHARMACEUTICALS
ONTRAK
PETIQ A

EBIX
EL POLLO LOCO HOLDINGS
EMERGENT BIOSOLUTIONS
ENANTA PHARMACEUTICALS
EVGO A
EXPENSIFY A
FARO TECHNOLOGIES
FATE THERAPEUTICS
FIRST FOUNDATION
FISCALNOTE HLDGS
FUTUREFUEL CORP
HAWAIIAN HOLDINGS
HIPPO HOLDINGS
IBEX
IGM BIOSCIENCES
INTREPID POTASH
ISPIRE TECHNOLOGY
LEXICON PHARMACEUTICALS
LIVEPERSON
LOVESAC
LUXFER HOLDINGS (US)
MERSANA THERAPEUTICS
METALS CO (THE)
MINERALYS THERAPEUTICS
MONDEE HOLDINGS A
MONTE ROSA THERAPEUTICS
NURIX THERAPEUTICS
NUTEX HEALTH
NUVATION BIO A
OFFICE PPTYS INCOME
ON24
ORGANOGENESIS A
ORIGIN MATERIALS
ORION OFFICE REIT
OUTSET MEDICAL
PETMED EXPRESS
PROKIDNEY A
QURATE RETAIL A
RACKSPACE TECHNOLOGY
RE MAX HOLDINGS A
REPAIRE THERAPEUTICS
RIMINI STREET
SAGIMET BIOSCIENCES INC
SERES THERAPEUTICS
SIGHT SCIENCES
SILK ROAD MEDICAL
SOLID POWER
SOUNDTHINKING
STOKE THERAPEUTICS
SURF AIR MOBILITY
TACTILE SYSTEMS TECH
TERAWULF
THIRD HARMONIC BIO
TPI COMPOSITES
TRINSEO
TUSIMPLE HOLDINGS A
UNIQURE (US)
VANDA PHARMACEUTICALS
VELO3D
WEWORK A
ZURA BIO
ZYNEX

POLISHED
REMARK HOLDINGS
TALIS BIOMEDICAL
VYNE THERAPEUTICS
WAVE LIFE SCIENCES
WHEELS UP EXPERIENCE A
XWELL

MSCI CANADA INDEX

Additions

CORBY SPIRIT AND WINE A
DREAM OFFICE REIT
GLOBAL ATOMIC CORP
LITHIUM ROYALTY
NANOXPLORE
QUIPT HOME MED CO (CA)
SATURN OIL & GAS
VOX ROYALTY (CA)

Deletions

AETERNA ZENTARIS
ANAERGIA SV
COMPUTER MODELLING GROUP
LOOP ENERGY
TERRASCEND
WILLOW BIOSCIENCES

MSCI SWEDEN INDEX

Additions

CELLAVISION AB
DEVYSER DIAGNOSTICS
KNOW IT AB
MANGOLD
MOMENTUM GROUP B
POWERCELL SWEDEN
SWEDISH LOGISTIC PPTY B
TEBEDE A
VESTUM
VIAPLAY GROUP B
XANO INDUSTRI B

Deletions

ARCARIO
CELL IMPACT
EXPRES2ION BIOTECH HLDGS
GLYCOREX TRANSPLANT B

MSCI UNITED KINGDOM INDEX

Additions

ATRATO ONSITE ENERGY
CMC MARKETS
FORESIGHT GROUP HLDGS
GENEL ENERGY
OXFORD BIOMEDICA
TREMOR INTERNATIONAL
XP POWER

Deletions

BIDSTACK GROUP
BYOTROL
EQTEC
FIREANGEL SAFETY TECH
LONDON & ASSOC PROP
NEXUS INFRASTRUCTURE
NUMIS CORPORATION
PENDRAGON
REDX PHARMA
RESTAURANT GROUP
REVOLUTION BARS GROUP
SAFESTYLE UK
UK OIL & GAS
XPS PENSIONS GROUP
ZYTRONIC

MSCI FINLAND INDEX

Additions

ANORA GROUP
ENENTO GROUP
F-SECURE
INCAP
NYAB

Deletions

None

MSCI NEW ZEALAND INDEX

Additions

None

Deletions

ARVIDA GROUP

MSCI ISRAEL INDEX

Additions

ALTSHULER SHAHAM FINANCE
ASHDOD REFINERY
CARASSO MOTORS
DORAL GRP RENEWABLE ENER
EPITOMEE MEDICAL
INNOVIZ TECH
NETO MALINDA TRADING
PROPERTY & BUILDING CORP
SCOPE METALS TRAD & TECH
SISRAM MEDICAL

Deletions

AQUARIUS ENGINES AM
AUGWIND ENERGY TECH
CHEMOMAB ADR
POLYPID
ROBOGROUP TEK
SPACE COMMUNICATION

MSCI SINGAPORE INDEX

Additions

BITDEER TECH GRP A
CONRAD ASIA ENERGY (SG)

Deletions

BUMITAMA AGRI
CLEARBRIDGE HEALTH
HKE HOLDINGS
OUE

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