

Geneva, May 12, 2020

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 29, 2020.

SUMMARY PER COUNTRY and PER REGION:

Region	Country	Nb of Securities Added	Nb of Securities Deleted
Asia Pacific			
	PAKISTAN	2	2
	AUSTRALIA	14	13
	JAPAN	42	37
	HONG KONG	5	8
	SINGAPORE	9	2
	NEW ZEALAND	3	3
	MALAYSIA	7	10
	INDONESIA	10	14
	PHILIPPINES	3	3
	TAIWAN	13	3
	KOREA	22	46
	THAILAND	1	16
	INDIA	18	54
	CHINA	36	33

Region	Country	Nb of Securities Added	Nb of Securities Deleted
Europe, Middle East and Africa			
	GREECE	4	0
	UNITED ARAB EMIRATES1		3
	QATAR	3	1
	BELGIUM	0	2
	SWITZERLAND	3	5
	DENMARK	2	2
	SPAIN	2	2
	FRANCE	4	5
	GERMANY	2	6
	NETHERLANDS	2	2
	ITALY	2	5
	NORWAY	4	11
	SWEDEN	13	9
	UNITED KINGDOM	19	28
	FINLAND	3	0
	TURKEY	1	1
	IRELAND	3	0
	ISRAEL	7	1
	SOUTH AFRICA	8	21
	POLAND	5	2
	CZECH REPUBLIC	0	1
	RUSSIA	1	2
	EGYPT	2	2
	SAUDI ARABIA	2	1

Region	Country	Nb of Securities Added	Nb of Securities Deleted
Americas			
	USA	133	134
	CANADA	17	36
	MEXICO	2	9
	CHILE	1	2
	BRAZIL	8	4
	COLOMBIA	1	2
	ARGENTINA	2	1

ASIA PACIFIC

MSCI PAKISTAN INDEX

Additions

MARI PETROLEUM
PAKISTAN PETROLEUM

Deletions

NISHAT MILLS
SUI NORTH GAS PIPELINES

MSCI AUSTRALIA INDEX

Additions

ALUMINA
AUB GROUP
BENDIGO & ADELAIDE BANK
BORAL
CHALLENGER
CHAMPION IRON
DATA 3
FLIGHT CENTRE TRAVEL GRP
HARVEY NORMAN HOLDINGS
INCITEC PIVOT LTD
INTEGRAL DIAGNOSTICS
LIFESTYLE COMMUNITIES
TYRO PAYMENTS
WORLEY

Deletions

AFTERPAY
AMA GROUP
ARDENT LEISURE GROUP
EVOLUTION MINING
FLEXIGROUP
GALAXY RESOURCES
MYER HOLDINGS
NAVIGATOR GLOBAL INV
NORTHERN STAR RESOURCES
SENEX ENERGY
SEVEN WEST MEDIA
VIRTUS HEALTH LTD
WPP AUNZ

MSCI JAPAN INDEX

Additions

AEON FINANCIAL SERVICE
AEON HOKKAIDO CORP
AI INSIDE
ALPHA SYSTEMS
ALPS ALPINE CO
CHATWORK
CRE LOGISTICS
CREDIT SAISON CO
DAI-ICHI SEIKO CO
DAITO PHARMACEUTICAL CO
DKS CO
EBASE CO
FREEE K K
GIFTEE
GRACE TECHNOLOGY
HEROZ
IHI CORP
ITOCHU ADVANCE LOGISTICS
J FRONT RETAILING
JMDC
JTOWER
KONICA MINOLTA
LITALICO
MAXVALU TOKAI CO
MEDLEY
MITSUI OSK LINES
NICHIREKI CO
NIPPON FINE CHEMICAL CO
SANKYO CO
SERVERWORKS
SHINKO SHOJI CO
SOSILA LOGISTICS REIT
TACHIBANA ELETECH CO
TAIKO PHARMACEUTICAL CO
TAKI CHEMICAL CO
TOYO GOSEI CO
TOYO SEIKAN GROUP HLDGS
TV TOKYO HOLDINGS CORP
UCHIDA & YOKO CO
WEATHERNEWS
WEST HOLDINGS CORP
ZUKEN

Deletions

ATEAM
BANK OF SAGA (THE)
COSMOS PHARMACEUTICAL
DIGITAL HEARTS HOLDINGS
FUJITA KANKO
GENKI SUSHI CO
GLP J REIT
GUNOSY
HINOKIYA GROUP CO
ICHIYOSHI SECURITIES CO
ISTYLE
ITO EN
JAMCO CORP
JAPAN CASH MACHINE CO
KASAI KOGYO CO
KOBE BUSSAN CO
KYOKUTO SECURITIES
LASERTEC CORP
MITSUBA CORP
MIURA CO
NAKAYAMA STEEL WORKS
NIHON M&A CENTER
NIHON TOKUSHU TORYO CO
NIPPON CHEMI-CON CORP
NIPPON DENKO CO
NISHIMOTO
OHARA
PEPPER FOOD SERVICE
RENAISSANCE
ROLAND DG CORP
SACS BAR HOLDINGS
SCSK CORP
TAIHO KOGYO CO
TANAKA CHEMICAL CORP
TIS
TOHO ZINC CO
TOKYO BASE CO

MSCI HONG KONG INDEX

Additions

Deletions

FORTUNE REAL ESTATE (HK)
HONG KONG TV NETWORK
STELLA INTERNATIONAL
VITASOY INTL HOLDINGS
YUE YUEN INDUSTRIAL

AGRITRADE RESOURCES
ESPRIT HOLDINGS
I.T
LANDING INTL DEV (HK)
NEWOCEAN ENERGY HLDGS
REGINA MIRACLE INTL HLDG
SINGAMAS CONTAINER HLDGS
TEXWINCA HOLDINGS

MSCI SINGAPORE INDEX

Additions
AIMS APAC REIT MGMT
ASCENDAS INDIA TRUST
COMFORTDELGRO
CROMWELL EUROPEAN REIT
KEPPEL PACIFIC OAK REIT
LENDLEASE GLOBAL COMM
SATS
SEMBCORP INDUSTRIES
SINGAPORE PRESS HLDG

Deletions
EAGLE HOSPITALITY TRUST
MAPLETREE LOGISTICS

MSCI NEW ZEALAND INDEX

Additions
FLETCHER BUILDING
NAPIER PORT HOLDINGS
OCEANIA HEALTHCARE

Deletions
NEW ZEALAND REFINING CO
SKY NETWORK TELEVISION
TOURISM HOLDINGS

MSCI MALAYSIA INDEX

Additions
AIRASIA GROUP
AXIS REIT
BIMB HOLDINGS
GUAN CHONG
IOI PROPERTIES GROUP
LOTTE CHEMICAL TITAN
MEGA FIRST CORP

Deletions
BERJAYA CORPORATION
BUMI ARMADA
ECO WORLD INTERNATIONAL
HENGYUAN REFINING CO
HIBISCUS PETROLEUM
MUHIBBAH ENGINEERING
PETRON MALAYSIA REF&MKT
POS MALAYSIA
SUNWAY
WCT HOLDINGS

MSCI INDONESIA INDEX

Additions
ASTRA AGRO LESTARI
BANK TABUNGAN NEGARA
BINTANG OTO GLOBAL
BUKIT ASAM
BUMI SERPONG DAMAI
JASA MARGA (PERSERO)
NUSANTARA PROPERTI INTL
PABRIK K TJIWI KIMIA
PACIFIC STRATEGIC FINL
PAKUWON JATI

Deletions
ADHI KARYA TBK
ALAM SUTERA REALTY
ALFA ENERGI INVESTAMA
BUMI RESOURCES
GLOBAL MEDIACOM
INDIKA ENERGY TBK PT
KRAKATAU STEEL
KRESNA GRAHA SEKURINDO
PP PROPERTI
RIMO INTL LESTARI
SENTUL CITY
SRI REJEKI ISMAN
TIMAH
TUNAS BARU LAMPUNG

MSCI PHILIPPINES INDEX

Additions
ALLHOME CORP
DMCI HOLDINGS
SECURITY BANK CORP

Deletions
EAST WEST BANKING CORP
MACROASIA
MEGAWIDE CONSTRUCTION

MSCI TAIWAN INDEX

Additions
ADLINK TECHNOLOGY
ALCHIP TECHNOLOGIES
ASROCK
EPISIL PRECISION

Deletions
CAYMAN ENGLELEY INDL
QST INTERNATIONAL CORP
SILERGY CORP

GLOBAL LIGHTING TECH
GOLD CIRCUIT ELECTRONICS
HOTAI FINANCE
INNODISK CORP
LITE-ON SEMICONDUCTOR
MARKETECH INTL CORP
ONENESS BIOTECH
RUENTEX INDUSTRIES
TAISUN ENTERPRISE CO

MSCI KOREA INDEX

Additions

BODITECH MED
CELLIVERY THERAPEUTICS
DOOSAN CORP
DOOSAN FUEL CELL
DOOSAN SOLUS
EONE DIAGNOMICS GENOME
GENEONELIFESCIENCE
HANWHA LIFE INSURANCE
HANWHA SYSTEMS
HDC HYUNDAI DEV (NEW)
HFR
ITM SEMICONDUCTOR
KCC CORP
L&C BIO
LEMON
LOTTE REIT
MEDPACTO
MEDY-TOX
OCI COMPANY
OE SOLUTIONS
SHIN POONG PHARMA CO
ZINUS

Deletions

ASIA CEMENT CO (NEW)
CELLTRION PHARM
CJ FRESHWAY CORP
DAEHWA PHARM CO
DTR AUTOMOTIVE CORP
DUZONBIZON CO
E1 CORP
EASY BIO
HANCOM INC
HANJIN KAL CORP
HANWHA GENERAL INSURANCE
HY-LOK CORP
HYOSUNG HEAVY INDUSTRIES
HYUNDAI LIVART CO
INBODY CO
INSCOBEE
JUSUNG ENGINEERING CO
KCC GLASS
KOLON CORP
KOREA ASSET IN TRUST
KOREA INFO & COMMU
KUMHO INDUSTRIAL CO
KYOBO SECURITIES CO
LOTTE NON-LIFE INS CO
MEERECOMPANY
MODETOUR NETWORK
MOORIM P&P CO
MUHAK CO
NAMYANG DAIRY PRODUCTS
NASMEDIA
NEXEN CORP
NS SHOPPING
PHARMABCINE
SAMCHULLY CO
SAMPYO CEMENT CO
SEJONG TELECOM
SHINSEGAE FOOD CO
SINDOH CO
SSANGYONG MOTOR CO
SUNGWOO HITECH CO
TAIHAN FIBEROPTICS
TEGO SCIENCE
WHANIN PHARMACEUTICAL
WONIK MATERIALS
Y G-1 CO
YUYANG D&U CO

MSCI THAILAND INDEX

Additions

BANPU

Deletions

ANANDA DEVELOPMENT
BEAUTY COMMUNITY
BEC WORLD
ERAWAN GROUP (THE)
GLOBAL GREEN CHEMICALS
ITALIAN THAI DEVELOPMENT
LPN DEVELOPMENT PUBL CO
PLATINUM GROUP (THE)
PRECIOUS SHIPPING PUB CO
SIAM GLOBAL HOUSE PCL
SVI PCL
THORESEN THAI AGENCIES

U CITY
UNIQUE ENGR & CONST
UNIVENTURES PUBLIC CO
WORKPOINT ENTERTAINMENT

MSCI INDIA INDEX

Additions

AMBER ENTERPRISES INDIA
ASHOK LEYLAND
BHARAT HEAVY ELECTRICALS
CHOLAMANDALAM INV & FIN
CREDITACCESS GRAMEEN
CUMMINS INDIA KIRLOSKAR
DIXON TECHNOLOGIES INDIA
EMAMI
FUTURE RETAIL (NEW)
GMM PFAUDLER
INDIAMART INTERMESH
J.B. CHEMICALS & PHARMA
M & M FINANCIAL SVCS
MISHRA DHATU NIGAM
NIPPON LIFE INDIA AST
RELAXO FOOTWEARS
SHRIRAM TRANSPORT FIN
TATA POWER CO

Deletions

ADANI TRANSMISSION
ARVIND FASHIONS
ASHOKA BUILDCON
BEML
BIRLASOFT
BOMBAY STOCK EXCHANGE
BRIGADE ENTERPRISES
CAPLIN POINT LABS
CENTURY PLYBOARDS INDIA
CHALET HOTELS
CHENNAI PETROLEUM CORP
DISH TV INDIA
DISHMAN CARBOGEN AMCIS
ECLERX SERVICES
EQUITAS HOLDINGS
FIRSTSOURCE SOLUTIONS
FUTURE CONSUMER
GE T&D INDIA
GREAVES COTTON
GUJARAT ALKALIES & CHEM
GUJARAT NARMADA FERT
HFCL
HIMADRI SPECIALITY CHEM
IFB INDUSTRIES
INDRAPRASTHA GAS
IPCA LABORATORIES
J.K. LAKSHMI CEMENT
JAMMU & KASHMIR BANK
JINDAL SAW
JUBILANT FOODWORKS
KARNATAKA BANK
KPIT TECHNOLOGIES (NEW)
LA OPALA RG
LEMON TREE HOTELS
MAHARASHTRA SCOOTERS
NAGARJUNA CONSTRUCTION
PFIZER INDIA
PHILLIPS CARBON BLACK
POWER FINANCE CORP
PRISM JOHNSON
PTC INDIA
RAIN INDUSTRIES
RAYMOND
REPCO HOME FINANCE
SADBHAV ENGINEERING
SHOPPERS STOP
SONATA SOFTWARE
SOUTH INDIAN BANK
STERLING AND WILSON
SUPRAJIT ENGINEERING
TATA CONSUMER PRODUCTS
VENKY'S INDIA
WELSPUN CORP
ZENSAR TECHNOLOGIES

MSCI CHINA INDEX

Additions

111 INC ADR
BEIJING JINGNENG CLEAN H
CHINA BESTSTUDY EDU
CHINA KEPEI EDUCATION
CHINA MACHINERY ENGR H
CHINA MERCH COMM REIT
CHINA RENAISSANCE HLDG
CHINA ZHONGWANG HOLDINGS
CIMC VEHICLES (GROUP) H

Deletions

500.COM ADR
AJISEN CHINA HLDGS
AK MEDICAL HOLDINGS
ANTON OILFIELD SVCS GRP
AURORA MOBILE A ADR
BESTWAY GLOBAL HOLDINGS
CANSINO BIOLOGICS H
CHEETAH MOBILE A ADR
CHINA FIRST CAPITAL GRP

COSMOPOLITAN INTL (CN)
 DONGJIANG ENVIRONMENT H
 E-HOUSE (CHINA) ENT HLDG
 GR PROPERTIES (CN)
 GREENTREE HPTY GRP A ADR
 HAINAN MEILAN INTL H
 HOMELAND INTERACTVE TECH
 HUIJING HOLDINGS
 IDREAMSKY TECH HLDGS
 JIUMAOJIU INTL HLDGS
 JY GRANDMARK HOLDINGS
 KAISA PROSPERITY HLDGS
 LUCKIN COFFEE A ADR
 MAOYAN ENTERTAINMENT
 NEXTEER AUTOMOTIVE GRP
 NIU TECHNOLOGIES A ADR
 POWERLONG COMM MGMT HLDG
 RENRUI HUMAN RES TECH
 SHANGHAI KINDLY MED H
 SICHUAN LANGUANG JUSTB H
 TIMES NEIGHBORHOOD HLDGS
 TOWNGAS CHINA CO
 UXIN ADR A
 VENUS MEDTECH HANGZHOU H
 WEIMOB
 XIABUXIABU CATERING MGMT
 XINJI SHAXI GROUP

CHINA INDEX HLDGS A ADR
 CHINA LNG GROUP (CN)
 CHINA OVERSEAS PPTY HLDG
 CHINA YUHUA EDUCATION
 COGOBUY GROUP
 DAWNRAYS PHARMA HLDGS
 GCL NEW ENER HLDGS (CN)
 GOODBABY INTL (CN)
 HC GROUP
 HONGHUA GROUP
 JIANPU TECHNOLOGY A ADR
 KASEN INTL HLDGS
 NAM TAI PROPERTY
 OZNER WATER INTL HOLDING
 PHOENIX MEDIA INV (CN)
 RISE EDU CAYMAN ADR
 SINOSOFT TECHNOLOGY HLDG
 SO YOUNG INTL A ADR
 TIAN GE INTERACTIVE HLDG
 TIANJIN DEVELOPMENT
 TSAKER CHEMICAL GROUP
 VINDA INTL HOLDINGS(CN)
 X FINANCIAL ADR A
 XIAMEN INTL PORT CO H

EUROPE, MIDDLE EAST AND AFRICA

MSCI GREECE INDEX

Additions
 ALPHA BANK
 EUROBANK HOLDINGS
 NATIONAL BANK OF GREECE
 TITAN CEMENT INTL

Deletions
 None

MSCI UNITED ARAB EMIRATES INDEX

Additions
 DAMAC PROPERTIES DUBAI

Deletions
 ARABTEC HOLDING
 ESHRAQ INVESTMENTS
 RAK PROPERTIES

MSCI QATAR INDEX

Additions
 AAMAL
 BALADNA
 QATAR INSURANCE CO

Deletions
 QATAR GAS TRAN (NAKILAT)

MSCI BELGIUM INDEX

Additions
 None

Deletions
 ELIA GROUP
 SOFINA

MSCI SWITZERLAND INDEX

Additions
 DUFREY GROUP
 METALL ZUG PART
 SOFTWAREONE HOLDING

Deletions
 BANQUE CANTONALE VAUDOIS
 FEINTOOL INTERNATIONAL
 KUDELSKI INHABER
 LOGITECH
 MEYER BURGER TECHNOLOGY

MSCI DENMARK INDEX

Additions
 CHEMOMETEC
 ISS

Deletions
 AMBU B
 GN STORE NORD

MSCI SPAIN INDEX

Additions
BANCO SABADELL
BANKIA

Deletions
OBRASCON HUARTE LAIN
TUBACEX

MSCI FRANCE INDEX

Additions
AB SCIENCE
EUTELSAT COMMUNICATIONS
RALLYE
VERALLIA

Deletions
FIGEAC AERO
LATECOERE
ORPEA
SOLOCAL GROUP
TECHNICOLOR

MSCI GERMANY INDEX

Additions
LPKF LASER & ELECTRONICS
PNE

Deletions
CONSUS COMM PROPERTY
HEIDELBERGER DRUCK
LEG IMMOBILIEN
NEMETSCHKE
SAF-HOLLAND
SCOUT24

MSCI NETHERLANDS INDEX

Additions
ALFEN
B&S GROUP

Deletions
CONSTELLIUM SE A (US)
KENDRION

MSCI ITALY INDEX

Additions
SALCEF GROUP
SANLORENZO

Deletions
AQUAFIL
DIASORIN
GEOX
INFRASTRUTTURE WIRELESS
OVS

MSCI NORWAY INDEX

Additions
BONHEUR
CRAYON GROUP HOLDING
HAFNIA
HEXAGON COMPOSITES

Deletions
AKER SOLUTIONS
AXACTOR
B2HOLDING
BORR DRILLING
BW ENERGY
HOEGH LNG HOLDINGS
KVAERNER
NORWEGIAN AIR SHUTTLE
ODFJELL DRILLING
PGS
XXL

MSCI SWEDEN INDEX

Additions
ADDTECH
CELLINK B
CIBUS NORDIC REAL ESTATE
COOR SERVICE MGMT
CREADES
DUNI
HMS NETWORKS AB
INSTALCO
KFAST HOLDING B
MILLICOM INTL CELL SDR
MIPS
SEDANA MEDICAL AB
SINCH

Deletions
CLIMEON B
ELTEL
EVOLUTION GAMING GROUP
HOIST FINANCE
HUMANA AB
NEW WAVE GROUP B
NIBE INDUSTRIER B
RAYSEARCH LABORATORIES B
SCA B

MSCI UNITED KINGDOM INDEX

Additions
AJ BELL
CALISEN PLC

Deletions
AA
AIRTEL AFRICA

CARNIVAL PLC (GB)
CENTRICA
CERES POWER HOLDINGS
EASYJET
G4S
IDEAGEN
ITM POWER
JUDGES SCIENTIFIC
MARKS & SPENCER GROUP
MEGGITT
MICRO FOCUS INTL
PETROPAVLOVSK
SILENCE THERAPEUTICS
STRIX GROUP
TUI
WAREHOUSE REIT
WEIR GROUP

AMIGO HOLDINGS
ARROW GLOBAL GROUP
BROWN (N) GROUP
CARD FACTORY
DE LA RUE
DIGNITY
ENQUEST
FINABLR
GULF KEYSTONE PETROLEUM
HIKMA PHARMACEUTICALS
INTL PERSONAL FINANCE
INTU PROPERTIES
LOOKERS
MENZIES (JOHN)
METRO BANK
NEWRIVER REIT
PHAROS ENERGY
PHOTO-ME INTERNATIONAL
PREMIER OIL
PURPLEBRICKS GROUP
RENEWI
RPS GROUP
SCAPA GROUP
SIG
SUPERDRY
TED BAKER

MSCI FINLAND INDEX
Additions
BASWARE
MUSTI GROUP
NOKIAN RENKAAT

Deletions
None

MSCI TURKEY INDEX
Additions
GUBRE FABRIKALARI TAS

Deletions
KORDSA GLOBAL ENDUSTRIYE

MSCI IRELAND INDEX
Additions
AIB GROUP
BANK OF IRELAND GROUP
UNIPHAR

Deletions
None

MSCI ISRAEL INDEX
Additions
AUDIOCODES
COMPUGEN (USD)
FIVERR INTERNATIONAL
INMODE
MEGA OR HOLDINGS
OPC ENERGY
YH DIMRI CONST & DEV

Deletions
HADERA PAPER

MSCI SOUTH AFRICA INDEX
Additions
ALLIED ELECTRS CORP A
DRD GOLD
FORTRESS REIT
INVESTEC LTD (ZA)
LIBERTY HOLDINGS
REDEFINE PROPERTIES LTD
TELKOM SA SOC
THE FOSCHINI GROUP

Deletions
ADVTECH
CASHBUILD
CITY LODGE HOTELS
CORPORATE REAL EST FUND
CURRO HOLDINGS
EMIRA PROPERTY FUND
FAMOUS BRANDS
GRINDROD
HOSKEN CONS INVESTMENTS
HUDACO INDUSTRIES
HYPROP INVESTMENTS LTD
LIBSTAR HOLDINGS
MURRAY & ROBERTS HLDGS
NAMPAK
OMNIA HOLDINGS

PEREGRINE HOLDINGS
PPC
RHODES FOOD GROUP
SUN INTERNATIONAL
TSOGO SUN GAMING
TSOGO SUN HOTELS

MSCI POLAND INDEX

Additions
AMREST HOLDINGS
BANK MILLENNIUM
BK HANDLOWY W WARSZAWIE
CCC
TEN SQUARE GAMES

Deletions
LUBELSKI WEGIEL BOGDANKA
PKP CARGO

MSCI CZECH REPUBLIC INDEX

Additions
None

Deletions
MORRIS (PHILIP)

MSCI RUSSIA INDEX

Additions
TCS GRP HLDG A GDR (RU)

Deletions
M VIDEO(RUB)
SAFMAR FINANCIAL INV

MSCI EGYPT INDEX

Additions
CAIRO FOR INVESTMENT
IBNSINA PHARMA

Deletions
EL EZZ STEEL REBARS
PIONEERS HOLDING

MSCI SAUDI ARABIA INDEX

Additions
JADWA REIT SAUDI FUND
SAUDI GROUND SERVICES

Deletions
ABDULLAH AL OTHAIM MKT

AMERICAS

MSCI USA INDEX

Additions
1LIFE HEALTHCARE
ACCEL ENTERTAINMENT A1
ACM RESEARCH A
ACUITY BRANDS
ADAPTIVE BIOTECHNOLOGIES
ADESTO TECHNOLOGIES
AKERO THERAPEUTICS
ALASKA AIR GROUP
ALECTOR
ALLIANCE DATA SYSTEMS
AMERANT BANCORP A
AMERICAN AIRLINES GROUP
APACHE CORP
APPLIED THERAPEUTICS
APREA THERAPEUTICS
ARCTURUS THERAPEUTIC(US)
ARCUTIS BIOTHERAPEUTICS
ARDELYX
ATHERSYS
ATRECA A
BANK FIRST CORPORATION
BEAM THERAPEUTICS
BELLRING BRANDS A
BILL.COM HOLDINGS
BIOXCEL THERAPEUTICS
BLACK DIAMOND THERAPEUT
BROADMARK REALTY CAPITAL
CADIZ INC
CALITHERA BIOSCIENCES
CALIX
CAPRI HOLDINGS

Deletions
AG MORTGAGE INV TRUST
AKORN
ALPHA & OMEGA SEMICONDUCTOR
ALTISOURCE PORTFOLIO SOLUTIONS
ANWORTH MORTGAGE ASSET
ARLO TECHNOLOGIES
ASHFORD HOSPITALITY TRUST
AT HOME GROUP
BBX CAPITAL A
BEAZER HOMES USA
BERRY CORP
BRAEMAR HOTELS & RESORTS
BRIGGS & STRATTON
CABLE ONE
CALAMP
CALERES
CALIFORNIA RESOURCES
CALLON PETROLEUM CORP
CARROLS RESTAURANT GROUP
CARTER BANK & TRUST
CATALENT
CEDAR REALTY TRUST
CENTENNIAL RESOURCE A
CHESAPEAKE ENERGY CORP
CHICO'S FAS
CHUY'S HOLDINGS
CIRCOR INTERNATIONAL
CONN'S
CONSOL ENERGY (NEW)
CONTURA ENERGY
COOPER STANDARD HOLDING

CASTLE BIOSCIENCES
 CATASYS
 CEL-SCI CORP
 CINCINNATI BELL
 CLOVIS ONCOLOGY
 CO DIAGNOSTIC
 CONSTELLATION PHARMA
 CONTINENTAL RESOURCES
 CORBUS PHARMACEUTICALS
 CORTEXME
 COTY A
 CROSSFIRST BANKSHARES
 CUE BIOPHARMA
 DEVON ENERGY CORP
 DORIAN LPG
 DSP GROUP
 DURECT CORP
 DXC TECHNOLOGY
 EATON VANCE CORP NV
 FLEX
 FLOWSERVE CORP
 FREEDOM HOLDING
 GAP
 GRUBHUB
 HANESBRANDS
 HARLEY-DAVIDSON
 IGM BIOSCIENCES
 IMMUNOVANT
 INOVIO PHARMACEUTICALS
 INSEGO CORP
 JEFFERIES FINANCIAL GRP
 JETBLUE AIRWAYS CORP
 KADMON HOLDINGS
 KALA PHARMECUTICAL
 KARUNA THERAPEUTICS
 KIMCO REALTY CORP
 KINIKSA PHARMA A
 KOHLS CORP
 KORU MEDICAL SYSTEMS
 LEGGETT & PLATT
 LIVONGO HEALTH
 MAGNACHIP SEMICONDUCTOR
 MANPOWERGROUP
 MARATHON OIL CORP
 MERSANA THERAPEUTICS
 MERUS BV (US)
 MIDDLEBY CORP
 MOLECULAR TEMPLATES
 NEOLEUKIN THERAPEUTICS
 NEOPHOTONICS
 NEXTCURE
 NOBLE ENERGY
 NORDSTROM
 NORWEGIAN CRUISE LINE
 NOVAVAX
 ORION ENGINEERED CARBONS
 OVINTIV(US)
 PAE A
 PASSAGE BIO
 PHATHOM PHARMACEUTICALS
 PING IDENTITY HOLDING
 POLARIS INDUSTRIES
 PRECISION BIOSCIENCES
 PROGNY
 PROVENTION BIO
 PVH CORP
 RANPAK HOLDINGS A
 RELMADA THERAPEUTICS
 REPLIMUNE GROUP
 REVOLUTION MEDICINES
 SABRE
 SCHRODINGER
 SHOTSPOTTER
 SI BONE INC
 SL GREEN REALTY CORP
 COREENERGY INFRASTRUCTURE
 COREPOINT LODGING
 COUPA SOFTWARE
 COVENANT TRANSPORT A
 CROSS COUNTRY HEALTHCARE
 CURO GROUP HOLDINGS CORP
 CUTERA
 CYCLERION THERAPEUTICS
 CYMABAY THERAPEUTICS
 DAKTRONICS
 DEL TACO RESTAURANTS
 DENBURY RESOURCES
 DIAMOND OFFSHORE DRILL
 DIGIMARC CORP
 DONNELLEY (RR) & SONS
 DONNELLEY FIN SOLUTIONS
 DULUTH HOLDINGS B
 EMERALD HOLDING
 ENTERCOM COMMU CORP
 EVOLUS
 EXANTAS CAPITAL CORP
 EXTERRAN CORP
 EXTRACTION OIL & GAS
 FAIR ISAAC CORP
 FARMER BROS CO
 FLUIDIGM
 FOSSIL GROUP
 FUNKO A
 GAMCO INVESTORS A
 GANNETT CO
 GOGO INC
 GOLDEN ENTERTAINMENT
 GRAN TIERRA ENERGY
 GREEN PLAINS
 GREENHILL & CO
 GREENSKY A
 HAMILTON BEACH BRANDS A
 HERSHA HOSPITALITY TRUST
 HOOKER FURNITURE CORP
 HOUGHTON MIFFLIN
 INTREPID POTASH
 KOPPERS HOLDINGS INC
 LAREDO PETROLEUM
 LEXICON PHARMACEUTICALS
 LUMBER LIQUIDATORS
 LYDALL
 MARINE PRODUCTS CORP
 MASIMO
 MASTERCRAFT BOAT HLDGS
 MISTRAS GROUP
 MODINE MANUFACTURING CO
 MOLINA HEALTHCARE
 MOTORCAR PART OF AMERICA
 MOVADO GROUP
 NABORS INDUSTRIES
 NACCO INDUSTRIES A (NEW)
 NEW SENIOR INV GRP
 NEWPARK RESOURCES
 NN
 NOBLE CORP PLC
 NORDSON CORP
 OASIS PETROLEUM
 OCWEN FINANCIAL CORP
 OIL STATES INTERNATIONAL
 ON DECK CAPITAL
 OPTINOSE
 ORBCOMM
 PARK-OHIO HOLDINGS CORP
 PARTY CITY HOLDCO
 PENN VIRGINIA
 PENNEY (J C) COMPANY
 PENNSYLVANIA REIT
 PLAYAGS
 PZENA INVESTMENT MGMT A
 QEP RESOURCES

SMILEDIRECTCLUB A
SOLARWINDS CORP
SORRENTO THERAPEUTICS
SPIRIT AEROSYSTEMS A
SPRINGWORKS THERAPEUTICS
SPROUT SOCIAL A
SUNNOVA ENERGY INTL
SUPER MICRO COMPUTER
TAPESTRY
TARGA RESOURCES CORP
TECHNIPFMC
THE MEET GROUP
TRIPADVISOR
UNDER ARMOUR A
UNDER ARMOUR C
UNUM GROUP
VAPOTHERM
VERASTEM
VERTIV HOLDINGS A
VIRGIN GALACTIC HLDGS
VIRNETX HOLDING
WESTLAKE CHEMICAL CORP
XBIOTECH
XENON PHARMACEUTICALS
XEROX CORP
ZYMEWORKS (US)
ZYNEX

QUAD GRAPHICS A
RAYONIER ADV MATERIALS
RED ROBIN GOURMET BURGER
REPUBLIC FIRST BANCORP
RETAIL VALUE
RYERSON HOLDING CORP
SM ENERGY
SOLARIS OILFIELD INFRA A
SOLID BIOSCIENCES INC
STERLING BANCORP (XNCM)
TEAM
TELADOC HEALTH
TIDEWATER
TIMKENSTEEL CORP
TITAN MACHINERY
TRADE DESK A
TRADEWEB MARKETS A
TUPPERWARE BRANDS
UNIFI
UNIVERSAL LOGIS HLDGS
US SILICA HOLDINGS
VALARIS A
VENATOR MATERIALS
VERA BRADLEY
VSE CORP
WASHINGTON PRIME GROUP
WESTERN ASSET MTG CPTL
WESTWOOD HOLDINGS GROUP

MSCI CANADA INDEX

Additions

ANDLAUER HEALTHCARE SV
AURORA CANNABIS
BELLUS HEALTH
BOMBARDIER B
BOYD GROUP SERVICES
GRAN COLOMBIA GOLD CORP
H & R REIT
HLS THERAPEUTICS
HUSKY ENERGY
METHANEX CORP
PRAIRIESKY ROYALTY LTD
SABINA GOLD & SILVER
SLATE RETAIL REIT
VICTORIA GOLD CORP
VLEMED HEALTHCARE
WALLBRIDGE MINING
WEST FRASER TIMBER

Deletions

AGF MANAGEMENT B
AIMIA
B2GOLD
BAYTEX ENERGY
CES ENERGY SOLN CORP
CHINA GOLD INTL RES
DIRTT ENVIRONMENTAL SOLN
ENSGN ENERGY SERVICES
EXCO TECHNOLOGIES
HEXO CORP
JUST ENERGY GROUP
KELT EXPLORATION
LUCARA DIAMOND CORP
MAGELLAN AEROSPACE CORP
MAJOR DRILLING GROUP
MEDIPHARM LABS
NEO PERFORMANCE MATRLS
NUVISTA ENERGY
PAN AMERICAN SILVER CORP
PARAMOUNT RESOURCES
PRECISION DRILLING
RITCHIE BROS AUCTIONEER
SECURE ENERGY SERVICES
SHAWCOR A
SURGE ENERGY
TAMARACK VALLEY ENERGY
THERATECHNOLOGIES
TMAC RESOURCES
TMX GROUP (NEW)
TORC OIL & GAS
TOTAL ENERGY SERVICES
UNI-SELECT
VILLAGE FARMS INTL
WAJAX
WESTERN FOREST PRODUCTS
YAMANA GOLD

MSCI MEXICO INDEX

Additions

ALPEK
ALSEA

Deletions

CONCENTRADORA HIPOTECARI
CONSORCIO ARA
CREDITO REAL SAB DE CV

GRUPO AEROMEXICO SAB
GRUPO GICSA
GRUPO TRAXION A
HOTELES CITY EXPRESS
TENEDORA NEMAK
UNIFIN FINANCIERA

MSCI CHILE INDEX
Additions
ITAU CORPBANCA

Deletions
BESALCO
SALFACORP

MSCI BRAZIL INDEX
Additions
BANCO PAN PN
C&A MODAS ON
CIA ENERGETICA CEAR PN A
EMBRAER ON
JEREISSATI PART ON
LOCAWEB SERVICOS INT ON
USIMINAS PN A
VIVARA PARTICIPACOES ON

Deletions
ALPARGATAS PN
COPEL PN B
DOMMO ENERGIA
VULCABRAS AZALEIA ON

MSCI COLOMBIA INDEX
Additions
GRUPO ARGOS

Deletions
AVIANCA HOLDINGS PREF
CEMEX LATAM HOLDINGS

MSCI ARGENTINA INDEX
Additions
BANCO MACRO B ADR
GRUPO FIN GALICIA B ADR

Deletions
CRESUD ADR

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