

New York, May 14, 2018

MSCI US Equity Indexes

The following are changes in constituents for the MSCI US Equity Indexes which will take place as of the close of May 31, 2018.

SUMMARY OF THE CHANGES INCLUDED IN THIS ANNOUNCEMENT:

Index	Nb of Securities Added	Nb of Securities Deleted
MSCI US PRIME MARKET 750 INDEX	16	15
MSCI US SMALL CAP 1750 INDEX	77	35
MSCI US INVESTABLE MARKET 2500 INDEX	64	21
MSCI US MICRO CAP INDEX	19	30

MSCI US PRIME MARKET 750 INDEX

Additions

GRUBHUB
NUTANIX A
RSP PERMIAN
FIRST SOLAR
AVEXIS INC
MICROSEMI CORP
ZEBRA TECHNOLOGIES A
NEUROCRINE BIOSCIENCES
TELEDYNE TECHNOLOGIES
BWX TECHNOLOGIES
WEX
DOLBY LABORATORIES A
VIRTU FINANCIAL A
BOK FINANCIAL CORP
BANK OZARKS
AMERICAN HOMES 4 RENT A

Deletions

CARTER HOLDINGS
NATIONAL FUEL GAS CO
NUANCE COMMUNICATIONS
WILLIAMS-SONOMA
NAVIENT CORP
REALOGY HOLDINGS CORP
AMC NETWORKS A
COLONY NORTHSTAR A
TESARO
CHESAPEAKE ENERGY CORP
WEATHERFORD INTL
SIGNET JEWELERS (US)
EDGEWELL PERSONAL CARE
ERIE INDEMNITY CO A
TFS FINANCIAL

MSCI US SMALL CAP 1750 INDEX

Additions

CARTER HOLDINGS
NATIONAL FUEL GAS CO
NUANCE COMMUNICATIONS
WILLIAMS-SONOMA
NAVIENT CORP
REALOGY HOLDINGS CORP
AMC NETWORKS A
COLONY NORTHSTAR A
TESARO
CHESAPEAKE ENERGY CORP
WEATHERFORD INTL
EVOQUA WATER TECH
CADENCE BANCORP A
NATIONAL VISION HOLDINGS
SIGNET JEWELERS (US)
EDGEWELL PERSONAL CARE
CLOUDERA
SAILPOINT TECH HLDGS
FGL HOLDINGS
VENATOR MATERIALS
PQ GROUP HOLDINGS
AKCEA THERAPEUTICS
REDFIN
DENALI THERAPEUTICS
MADRIGAL PHARMACEUTICALS
FORESCOUT TECHNOLOGIES
APELLIS PHARMACEUTICALS
IOVANCE BIOTHERAPEUTICS
SENDGRID
TPG RE FINANCE TRUST
WILLSCOT A
ATHENEX

Deletions

GRUBHUB
NUTANIX A
RSP PERMIAN
FIRST SOLAR
AVEXIS INC
MICROSEMI CORP
ZEBRA TECHNOLOGIES A
NEUROCRINE BIOSCIENCES
TELEDYNE TECHNOLOGIES
BWX TECHNOLOGIES
WEX
DOLBY LABORATORIES A
VIRTU FINANCIAL A
BOK FINANCIAL CORP
BANK OZARKS
AMERICAN HOMES 4 RENT A
NOODLES & CO A
QUORUM HEALTH CORP
OCULAR THERAPEUTIX
CARBO CERAMICS
NATURAL HEALTH TRENDS
PHI NV
TUESDAY MORNING CORP
LSB INDUSTRIES
IMMUNE DESIGN CORP
NATURAL GROCERS BY VIT
HORNBECK OFFSHORE SVCS
TREVENA
INFINITY PHARMACEUTICALS
DHI GROUP
PARKER DRILLING CO
REGULUS THERAPEUTICS

KMG CHEMICALS
TRIUMPH BANCORP
BOINGO WIRELESS
CURO GROUP HOLDINGS CORP
SIMPLY GOOD FOODS
CARBONITE
MIRATI THERAPEUTICS
W&T OFFSHORE
TIDEWATER
NATIONAL COMMERCE
LEMAITRE VASCULAR
OPTINOSE
DECIPHERA PHARMA
STERLING BANCORP (XNCM)
LUTHER BURBANK
PEAPACK GLADSTONE FINL
VERSO NEW
BARRETT BUSINESS SVCS
RHYTHM PHARMACEUTICALS
ADDUS HOMECARE CORP
PEOPLE'S UTAH BANCORP
MERCHANTS BANCORP
FATE THERAPEUTICS
OLD LINE BANCSHARES
ODONATE THERAPEUTICS
PREFERRED APT CMNTY
ALLEGIANCE BANCSHARES
UNITED COMMUNITY FINL
BANK MARIN
FRANKLIN FINL NETWORK
USA TECHNOLOGIES
AQUANTIA
UMH PROPERTIES
CALYXT
ENERGOUS CORP
RBB BANCORP
ENTERPRISE BANCORP
AV HOMES
SIENNA BIOPHARMA
ENVIROSTAR
FIRST BANCSHARES (THE)
KALA PHARMECUTICAL
SILVERBOW RESOURCES
QUANTERIX
IES HOLDINGS

GLOBAL INDEMNITY
REPUBLIC BANCORP A (KY)
REVLON A

MSCI US INVESTABLE MARKET 2500 INDEX

Additions

EVOQUA WATER TECH
CADENCE BANCORP A
NATIONAL VISION HOLDINGS
CLOUDERA
SAILPOINT TECH HLDGS
FGL HOLDINGS
VENATOR MATERIALS
PQ GROUP HOLDINGS
AKCEA THERAPEUTICS
REDFIN
DENALI THERAPEUTICS
MADRIGAL PHARMACEUTICALS
FORESCOUT TECHNOLOGIES
APELLIS PHARMACEUTICALS
IOVANCE BIOTHERAPEUTICS
SENDGRID
TPG RE FINANCE TRUST
WILLSCOT A
ATHENEX
KMG CHEMICALS
TRIUMPH BANCORP
BOINGO WIRELESS
CURO GROUP HOLDINGS CORP
SIMPLY GOOD FOODS
CARBONITE
MIRATI THERAPEUTICS

Deletions

NOODLES & CO A
QUORUM HEALTH CORP
OCULAR THERAPEUTIX
CARBO CERAMICS
NATURAL HEALTH TRENDS
PHI NV
TUESDAY MORNING CORP
LSB INDUSTRIES
IMMUNE DESIGN CORP
NATURAL GROCERS BY VIT
HORNBECK OFFSHORE SVCS
TREVENA
INFINITY PHARMACEUTICALS
DHI GROUP
PARKER DRILLING CO
REGULUS THERAPEUTICS
ERIE INDEMNITY CO A
GLOBAL INDEMNITY
REPUBLIC BANCORP A (KY)
REVLON A
TFS FINANCIAL

W&T OFFSHORE
 TIDEWATER
 NATIONAL COMMERCE
 LEMAITRE VASCULAR
 OPTINOSE
 DECIPHERA PHARMA
 STERLING BANCORP (XNCM)
 LUTHER BURBANK
 PEAPACK GLADSTONE FINL
 VERSO NEW
 BARRETT BUSINESS SVCS
 RHYTHM PHARMACEUTICALS
 ADDUS HOMECARE CORP
 PEOPLE'S UTAH BANCORP
 MERCHANTS BANCORP
 FATE THERAPEUTICS
 OLD LINE BANCSHARES
 ODONATE THERAPEUTICS
 PREFERRED APT CMNTY
 ALLEGIANCE BANCSHARES
 UNITED COMMUNITY FINL
 BANK MARIN
 FRANKLIN FINL NETWORK
 USA TECHNOLOGIES
 AQUANTIA
 UMH PROPERTIES
 CALYXT
 ENERGOUS CORP
 RBB BANCORP
 ENTERPRISE BANCORP
 AV HOMES
 SIENNA BIOPHARMA
 ENVIROSTAR
 FIRST BANCSHARES (THE)
 KALA PHARMECUTICAL
 SILVERBOW RESOURCES
 QUANTERIX
 IES HOLDINGS

MSCI US MICRO CAP INDEX

Additions

SOUTHERN FIRST BANCSHS
 NOODLES & CO A
 QUORUM HEALTH CORP
 OCULAR THERAPEUTIX
 CARBO CERAMICS
 NATURAL HEALTH TRENDS
 PHI NV
 TUESDAY MORNING CORP
 LSB INDUSTRIES
 IMMUNE DESIGN CORP
 NATURAL GROCERS BY VIT
 HORNBECK OFFSHORE SVCS
 TREVENA
 INFINITY PHARMACEUTICALS
 DHI GROUP
 PARKER DRILLING CO
 REGULUS THERAPEUTICS
 CAMBRIDGE BANCORP
 NANT HEALTH

Deletions

MADRIGAL PHARMACEUTICALS
 IOVANCE BIOTHERAPEUTICS
 KMG CHEMICALS
 TRIUMPH BANCORP
 BOINGO WIRELESS
 CARBONITE
 MIRATI THERAPEUTICS
 W&T OFFSHORE
 NATIONAL COMMERCE
 LEMAITRE VASCULAR
 PEAPACK GLADSTONE FINL
 JOHNSON OUTDOORS A
 BARRETT BUSINESS SVCS
 ADDUS HOMECARE CORP
 PEOPLE'S UTAH BANCORP
 PREFERRED APT CMNTY
 ALLEGIANCE BANCSHARES
 UNITED COMMUNITY FINL
 BANK MARIN
 FRANKLIN FINL NETWORK
 UMH PROPERTIES
 ENTERPRISE BANCORP
 AV HOMES
 READING INTERNATIONAL A
 IES HOLDINGS
 ANTHERA PHARMACEUTICALS
 APRICUS BIOSCIENCES
 WESTMORELAND COAL CO
 DAXOR CORP
 TRANSCONTINENTAL REALTY

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