

New York, November 13, 2017

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 November 30, 2017.

SUMMARY OF THE CHANGES INCLUDED IN THIS ANNOUNCEMENT:

Index	Nb of Securities Added	Nb of Securities Deleted
MSCI US PRIME MARKET 750 INDEX	15	9
MSCI US SMALL CAP 1750 INDEX	83	39
MSCI US INVESTABLE MARKET 2500 INDEX	75	25
MSCI US MICRO CAP INDEX	31	22

MSCI US PRIME MARKET 750 INDEX

Additions

ALCOA (NEW)
VISTRA ENERGY
XPO LOGISTICS
ABIOMED
BERRY GLOBAL GROUP
ORBITAL ATK
GRACO
PTC
HEICO CORP
HEICO CORP A
HUNTSMAN CORP
COMMERCE BANCSHARES
SCOTTS MIRACLE-GRO
POST HOLDINGS
HIGHWOODS PROPERTIES

Deletions

ONEMAIN HOLDINGS
HAIN CELESTIAL GROUP
LEGG MASON
BED BATH & BEYOND
TAUBMAN CENTERS
MALLINCKRODT
DICKS SPORTING GOODS
UNITI GROUP
SOUTHWESTERN ENERGY CO

MSCI US SMALL CAP 1750 INDEX

Additions

GARDNER DENVER HOLDINGS
ONEMAIN HOLDINGS
HAIN CELESTIAL GROUP
JELD WEN HOLDING
FLOOR & DECOR HOLDINGS A
LEGG MASON
ANTERO RES MIDSTREAM
BED BATH & BEYOND
TAUBMAN CENTERS
MALLINCKRODT
PEABODY ENERGY
DICKS SPORTING GOODS
UNITI GROUP
JAGGED PEAK ENERGY
SOUTHWESTERN ENERGY CO
TELLURIAN
REV GROUP
C&J ENERGY SERVICES
KEANE GROUP
EMERALD EXPOSITIONS
CISION
ULTRA PETROLEUM
ANAPTYSBIO
KEMET CORP
WARRIOR MET COAL
PRESIDIO INC
WIDEOPENWEST
ZOGENIX
PROPETRO HOLDING CORP
PLAYA HOTELS & RESORTS
BIOHAVEN PHARMA HLDG
ULTRA CLEAN HOLDINGS
YEXT

Deletions

ALCOA (NEW)
XPO LOGISTICS
ABIOMED
BERRY GLOBAL GROUP
ORBITAL ATK
GRACO
PTC
HEICO CORP
HEICO CORP A
HUNTSMAN CORP
COMMERCE BANCSHARES
SCOTTS MIRACLE-GRO
POST HOLDINGS
HIGHWOODS PROPERTIES
ARBUTUS BIOPHARMA CORP
SAFEGUARD SCIENTIFICS
CHIMERIX
BOOT BARN HOLDINGS
ACACIA RESEARCH
ERA GROUP
FIFTH STREET ASSET MGMT
KIRKLANDS
CONTAINER STORE GROUP
AVID TECHNOLOGY
CELADON GROUP
BIODELIVERY SCIENCE INTL
RUBY TUESDAY
OPHTHOTECH
CPI CARD GROUP
STEIN MART
OVASCIENCE
STAGE STORES
RAIT FINANCIAL TRUST

SYSTEMAX
 AXCELIS TECHNOLOGIES
 NCS MULTISTAGE HOLDINGS
 ABEONA THERAPEUTICS
 FIVE POINT HOLDINGS A
 GRANITE POINT MTG TRUST
 EVERBRIDGE
 MONARCH CASINO & RESORT
 AUDENTES THERAPEUTICS
 DOVA PHARMA
 SMART GLOBAL HLDGS
 BONANZA CREEK ENERGY
 ARMADA HOFFLER PROP
 G1 THERAPEUTICS
 VSE CORP
 DASEKE
 PENN VIRGINIA
 BYLINE BANCORP
 EXACTECH
 VERITONE
 FOUNDATION BLDG MATRLS
 TACTILE SYSTEMS TECH
 OMNOVA SOLUTIONS
 STONE ENERGY CORP
 NEXPOINT RESIDENTIAL
 BANK MUTUAL CORP
 INDEPENDENT BANK (MICH)
 JOUNCE THERAPEUTICS
 UNIQUE (US)
 ORCHID ISLAND CAPITAL
 YORK WATER CO
 UPLAND SOFTWARE
 TABULA RASA HEALTHCARE
 GENCO SHIPPING & TRDNG
 MCBC HOLDINGS
 B RILEY FINANCIAL
 ADAMAS PHARMACEUTICALS
 VIEWRAY
 CITY OFFICE REIT
 MERSANA THERAPEUTICS
 SOUTHERN NATL BANCORP
 WEST BANCORPORATION
 KURA ONCOLOGY
 FLEXSTEEL INDUSTRIES
 R1 RCM
 MIDSTATES PETROLEUM
 CORIUM INTERNATIONAL
 EXA CORP
 GLYCOMIMETICS
 CYMABAY THERAPEUTICS

NII HOLDINGS
 NORTHERN OIL AND GAS
 PATRIOT NATIONAL
 COBALT INTERNATIONAL
 EXCO RESOURCES INC
 ANGI HOMESERVICES A

MSCI US INVESTABLE MARKET 2500 INDEX

Additions

VISTRA ENERGY
 GARDNER DENVER HOLDINGS
 JELD WEN HOLDING
 FLOOR & DECOR HOLDINGS A
 ANTERO RES MIDSTREAM
 PEABODY ENERGY
 JAGGED PEAK ENERGY
 TELLURIAN
 REV GROUP
 C&J ENERGY SERVICES
 KEANE GROUP
 EMERALD EXPOSITIONS
 CISION
 ULTRA PETROLEUM
 ANAPTYSBIO
 KEMET CORP
 WARRIOR MET COAL
 PRESIDIO INC
 WIDEOPENWEST
 ZOGENIX
 PROPETRO HOLDING CORP

Deletions

ARBUTUS BIOPHARMA CORP
 SAFEGUARD SCIENTIFICS
 CHIMERIX
 BOOT BARN HOLDINGS
 ACACIA RESEARCH
 ERA GROUP
 FIFTH STREET ASSET MGMT
 KIRKLANDS
 CONTAINER STORE GROUP
 AVID TECHNOLOGY
 CELADON GROUP
 BIODELIVERY SCIENCE INTL
 RUBY TUESDAY
 OPHTHOTECH
 CPI CARD GROUP
 STEIN MART
 OVASCIENCE
 STAGE STORES
 RAIT FINANCIAL TRUST
 NII HOLDINGS
 NORTHERN OIL AND GAS

PLAYA HOTELS & RESORTS
 BIOHAVEN PHARMA HLDG
 ULTRA CLEAN HOLDINGS
 YEXT
 SYSTEMAX
 AXCELIS TECHNOLOGIES
 NCS MULTISTAGE HOLDINGS
 ABEONA THERAPEUTICS
 FIVE POINT HOLDINGS A
 GRANITE POINT MTG TRUST
 EVERBRIDGE
 MONARCH CASINO & RESORT
 AUDENTES THERAPEUTICS
 DOVA PHARMA
 SMART GLOBAL HLDGS
 BONANZA CREEK ENERGY
 ARMADA HOFFLER PROP
 GI THERAPEUTICS
 VSE CORP
 DASEKE
 PENN VIRGINIA
 BYLINE BANCORP
 EXACTECH
 VERITONE
 FOUNDATION BLDG MATRLS
 TACTILE SYSTEMS TECH
 OMNOVA SOLUTIONS
 STONE ENERGY CORP
 NEXPOINT RESIDENTIAL
 BANK MUTUAL CORP
 INDEPENDENT BANK (MICH)
 JOUNCE THERAPEUTICS
 UNIQUE (US)
 ORCHID ISLAND CAPITAL
 YORK WATER CO
 UPLAND SOFTWARE
 TABULA RASA HEALTHCARE
 GENCO SHIPPING & TRDNG
 MCBC HOLDINGS
 B RILEY FINANCIAL
 ADAMAS PHARMACEUTICALS
 VIEWRAY
 CITY OFFICE REIT
 MERSANA THERAPEUTICS
 SOUTHERN NATL BANCORP
 WEST BANCORPORATION
 KURA ONCOLOGY
 FLEXSTEEL INDUSTRIES
 R1 RCM
 MIDSTATES PETROLEUM
 CORIUM INTERNATIONAL
 EXA CORP
 GLYCOMIMETICS
 CYMABAY THERAPEUTICS

PATRIOT NATIONAL
 COBALT INTERNATIONAL
 EXCO RESOURCES INC
 ANGI HOMESERVICES A

MSCI US MICRO CAP INDEX
 Additions
 ARBUTUS BIOPHARMA CORP
 PCSB FINANCIAL
 TURNING POINT BRANDS
 SAFETY INCOME & GROWTH
 GUARANTY BANCSHARES
 ENERGY XXI GULF COAST
 SAFEGUARD SCIENTIFICS
 J JILL
 CHIMERIX
 BOOT BARN HOLDINGS
 ACACIA RESEARCH
 ERA GROUP
 FIFTH STREET ASSET MGMT
 KIRKLANDS
 CONTAINER STORE GROUP
 AVID TECHNOLOGY
 CELADON GROUP

Deletions
 KEMET CORP
 ZOGENIX
 ULTRA CLEAN HOLDINGS
 SYSTEMAX
 AXCELIS TECHNOLOGIES
 MONARCH CASINO & RESORT
 ARMADA HOFFLER PROP
 VSE CORP
 EXACTECH
 OMNOVA SOLUTIONS
 NEXPOINT RESIDENTIAL
 BANK MUTUAL CORP
 INDEPENDENT BANK (MICH)
 YORK WATER CO
 ADAMAS PHARMACEUTICALS
 WEST BANCORPORATION
 FLEXSTEEL INDUSTRIES

SOLARIS OILFIELD INFRA A
BIODELIVERY SCIENCE INTL
RUBY TUESDAY
OPHTHOTECH
CPI CARD GROUP
STEIN MART
OVASCIENCE
STAGE STORES
RAIT FINANCIAL TRUST
NII HOLDINGS
NORTHERN OIL AND GAS
PATRIOT NATIONAL
COBALT INTERNATIONAL
EXCO RESOURCES INC

TECNOGLASS
HEMISPHERX BIOPHARMA
TEARLAB
GLOBAL BROKERAGE A
BON-TON STORES

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