

New York, May 11, 2023

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, 2023.

SUMMARY OF THE CHANGES INCLUDED IN THIS ANNOUNCEMENT:

Index	Nb of Securities Added	Nb of Securities Deleted
MSCI US PRIME MARKET 750 INDEX	24	9
MSCI US SMALL CAP 1750 INDEX	54	35
MSCI US INVESTABLE MARKET 2500 INDEX	45	11
MSCI US MICRO CAP INDEX	7	22

MSCI US PRIME MARKET 750 INDEX

Additions

LATTICE SEMICONDUCTOR
DICKS SPORTING GOODS
SAMSARA A
COTY A
PENSKE AUTO GROUP
MANHATTAN ASSOCIATES
PERFORMANCE FOOD GROUP
APELLIS PHARMACEUTICALS
PROMETHEUS BIOSCIENCES
ROYAL GOLD
TD SYNnex
CROCS INC
INTERACTIVE BKRS GRP A
ALLEGRO MICROSYSTEMS
UNUM GROUP
PURE STORAGE
WORLD WRESTLING ENTMT A
CLEAN HARBORS
KBR
SKECHERS USA A
GRAPHIC PACKAGING HLDGS
NATIONAL INSTRUMENTS
INSPIRE MEDICAL SYSTEMS
TETRA TECH

Deletions

POLARIS INDUSTRIES
ENCOMPASS HEALTH CORP
ALASKA AIR GROUP
DUN & BRADSTREET HLDGS
KILROY REALTY CORP
AFFIRM HOLDINGS A
VORNADO REALTY TRUST
FIRST REPUBLIC BANK
LUMEN TECHNOLOGIES

MSCI US SMALL CAP 1750 INDEX

Additions

POLARIS INDUSTRIES
ENCOMPASS HEALTH CORP
ALASKA AIR GROUP
DUN & BRADSTREET HLDGS
LEONARDO DRS
KILROY REALTY CORP
AFFIRM HOLDINGS A
VORNADO REALTY TRUST
ENGAGESMART
FTAI AVIATION
OLAPLEX HOLDINGS
INTEGRAL AD SCIENCE HLDG
FIRST REPUBLIC BANK
LUMEN TECHNOLOGIES
PROVENTION BIO
THOUGHTWORKS HOLDING
AMYLYX PHARMACEUTICALS
VIKING THERAPEUTICS
LEGALZOOM.COM
VIZIO HOLDING CORP A
SYMBOTIC A
TRAVELCENTERS OF AMERICA
UDEMY
89BIO

Deletions

LATTICE SEMICONDUCTOR
DICKS SPORTING GOODS
SAMSARA A
COTY A
PENSKE AUTO GROUP
MANHATTAN ASSOCIATES
PERFORMANCE FOOD GROUP
APELLIS PHARMACEUTICALS
PROMETHEUS BIOSCIENCES
ROYAL GOLD
TD SYNnex
CROCS INC
INTERACTIVE BKRS GRP A
ALLEGRO MICROSYSTEMS
UNUM GROUP
PURE STORAGE
WORLD WRESTLING ENTMT A
CLEAN HARBORS
KBR
SKECHERS USA A
GRAPHIC PACKAGING HLDGS
NATIONAL INSTRUMENTS
INSPIRE MEDICAL SYSTEMS
TETRA TECH

IVANHOE ELECTRIC
ARHAUS A
MODINE MANUFACTURING CO
MONEYGRAM INTERNATIONAL
MONTAUK RENEWABLES
BIOHAVEN
DAY ONE BIOPHARMA
VITAL ENERGY
BIOMEA FUSION
STAGWELL A
SELECT ENERGY SERVICES A
HARROW HEALTH
TERNS PHARMACEUTICALS
SOUNDHOUND AI A
CHICO'S FAS
ALDEYRA THERAPEUTICS
SHARECARE
LYELL IMMUNOPHARMA
RXSIGHT
PAM TRANSPORTATION SVCS
FRANKLIN COVEY CO
SOLO BRANDS A
DISC MEDICINE
ARCHER AVIATION A
CPI CARD GROUP
ALTA EQUIPMENT GROUP
ATLAS TECH CONSULTANTS A
LIQUIDIA CORPORATION
EVLV TECH HLDGS A
XPERI

MSCI US INVESTABLE MARKET 2500 INDEX

Additions

LEONARDO DRS
ENGAGESMART
FTAI AVIATION
OLAPLEX HOLDINGS
INTEGRAL AD SCIENCE HLDG
PROVENTION BIO
THOUGHTWORKS HOLDING
AMYLYX PHARMACEUTICALS
VIKING THERAPEUTICS
LEGALZOOM.COM
VIZIO HOLDING CORP A
SYMBOTIC A
TRAVELCENTERS OF AMERICA
UDEMY
89BIO
IVANHOE ELECTRIC
ARHAUS A
MODINE MANUFACTURING CO
MONEYGRAM INTERNATIONAL
MONTAUK RENEWABLES
BIOHAVEN
DAY ONE BIOPHARMA
VITAL ENERGY
BIOMEA FUSION
STAGWELL A
SELECT ENERGY SERVICES A
HARROW HEALTH
TERNS PHARMACEUTICALS
SOUNDHOUND AI A
CHICO'S FAS
ALDEYRA THERAPEUTICS
SHARECARE
LYELL IMMUNOPHARMA
RXSIGHT
PAM TRANSPORTATION SVCS
FRANKLIN COVEY CO
SOLO BRANDS A
DISC MEDICINE
ARCHER AVIATION A
CPI CARD GROUP
ALTA EQUIPMENT GROUP

RIGEL PHARMACEUTICALS
HELIOGEN
CYXTERA TECH A
SILVERGATE CAPITAL A
AEYE A
CERBERUS CYBER SENTINEL
BED BATH & BEYOND
FRP HOLDINGS INC
PLAYTIKA HOLDING CORP
REPUBLIC BANCORP A (KY)
SNAP ONE HOLDINGS

Deletions

RIGEL PHARMACEUTICALS
HELIOGEN
CYXTERA TECH A
SILVERGATE CAPITAL A
AEYE A
CERBERUS CYBER SENTINEL
BED BATH & BEYOND
FRP HOLDINGS INC
PLAYTIKA HOLDING CORP
REPUBLIC BANCORP A (KY)
SNAP ONE HOLDINGS

ATLAS TECH CONSULTANTS A
LIQUIDIA CORPORATION
EVOLV TECH HLDGS A
XPERI

MSCI US MICRO CAP INDEX

Additions

RIGEL PHARMACEUTICALS
HELIOGEN
CYXTERA TECH A
SILVERGATE CAPITAL A
AEYE A
CERBERUS CYBER SENTINEL
BED BATH & BEYOND

Deletions

PROVENTION BIO
VIKING THERAPEUTICS
TRAVELCENTERS OF AMERICA
89BIO
MODINE MANUFACTURING CO
MONEYGRAM INTERNATIONAL
VITAL ENERGY
STAGWELL A
SELECT ENERGY SERVICES A
CHICO'S FAS
PAM TRANSPORTATION SVCS
FRANKLIN COVEY CO
SURGALIGN HOLDINGS
MARKER THERAPEUTICS
ACELRX PHARMACEUTICALS
CATALYST BIOSCIENCES
APTINYX
T2 BIOSYSTEMS
LANNETT CO
BELLICUM PHARMACEUTICALS
BIOLASE INC
TREVENA

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