

New York, November 10, 2022

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, 2022.

SUMMARY OF THE CHANGES INCLUDED IN THIS ANNOUNCEMENT:

Index	Nb of Securities Added	Nb of Securities Deleted
MSCI US PRIME MARKET 750 INDEX	13	9
MSCI US SMALL CAP 1750 INDEX	65	18
MSCI US INVESTABLE MARKET 2500 INDEX	58	7
MSCI US MICRO CAP INDEX	13	24

MSCI US PRIME MARKET 750 INDEX

Additions

ATLASSIAN (US)
FERGUSON(US)
HF SINCLAIR
ADVANCED DRAINAGE SYSTEM
SAREPTA THERAPEUTICS
SHOCKWAVE MEDICAL
BJS WHOLESALE CLUB HLDGS
CULLEN FROST BANKERS
WILLSCOT MOBILE MINI
LIFE STORAGE
JABIL CIRCUIT
WESTERN ALLIANCE BANCORP
CONCENTRIX

Deletions

EXELIXIS
RING CENTRAL A
UNDER ARMOUR A
UNDER ARMOUR C
10X GENOMICS A
PEGASYSTEMS
PELTON INTERACTIVE A
SCOTTS MIRACLE-GRO
SOTERA HEALTH COMPANY

MSCI US SMALL CAP 1750 INDEX

Additions

EXELIXIS
RING CENTRAL A
UNDER ARMOUR A
UNDER ARMOUR C
10X GENOMICS A
PEGASYSTEMS
PELTON INTERACTIVE A
JOBY AVIATION
SCOTTS MIRACLE-GRO
AURORA INNOVATION A
SWEETGREEN A
TPG A
SOTERA HEALTH COMPANY
SES AI A
FORGEROCK A
CLAROS MORTGAGE TRUST
AKERO THERAPEUTICS
EMBECTA
CREDO TECHNOLOGY
EARTHSTONE ENERGY
CINCOR PHARMA
KINETIK HOLDINGS A
CLEARFIELD
CATALYST PHARMACEUTICAL
CHINOOK THERAPEUTICS
RHYTHM PHARMACEUTICALS
PLIANT THERAPEUTICS
V2X
TARGET HOSPITALITY CORP
ACLARIS THERAPEUTICS
VERU
ARCELLX
DIAMOND OFFSHORE
POINT BIOPHARMA GLOBAL
VACASA A

Deletions

HF SINCLAIR
ADVANCED DRAINAGE SYSTEM
SAREPTA THERAPEUTICS
SHOCKWAVE MEDICAL
BJS WHOLESALE CLUB HLDGS
CULLEN FROST BANKERS
WILLSCOT MOBILE MINI
LIFE STORAGE
JABIL CIRCUIT
WESTERN ALLIANCE BANCORP
CONCENTRIX
GLATFELTER
REALREAL (THE)
AVAYA HOLDINGS
HYDROFARM HOLDINGS
BOXED
ADTHEORENT HLDG CO A
XPERI

PROFRAC HOLDING A
RCI HOSPITALITY HOLDINGS
CRESCENT ENERGY COMPANY
ENERGY VAULT HOLDINGS
EXCELERATE ENERGY A
HILLEVAX INC
SENSEONICS HOLDINGS INC
ADMA BIOLOGICS
CYXTERA TECH A
ALTIMMUNE
SYSTEM1
AEROVATE THERAPEUTICS
ENTRADA THERAPEUTICS
5E ADVANCED MATERLS (US)
CHARGE ENTERPRISES
STH MISSOURI BANCORP
HOLLEY
NUSCALE POWER
AKOYA BIOSCIENCES
DONEGAL GROUP A
TARSUS PHARMA
SMARTFINANCIAL
SONDER HOLDINGS
NEXPOINT DIV REIT
CERBERUS CYBER SENTINEL
ONEWATER MARINE A
CAPSTAR FINANCIAL HLDGS
CARTER BANK & TRUST
WEAVE COMMUNICATIONS
P10 A

MSCI US INVESTABLE MARKET 2500 INDEX

Additions

ATLASSIAN (US)
FERGUSON(US)
JOBY AVIATION
AURORA INNOVATION A
SWEETGREEN A
TPG A
SES AI A
FORGEROCK A
CLAROS MORTGAGE TRUST
AKERO THERAPEUTICS
EMBECTA
CREDO TECHNOLOGY
EARTHSTONE ENERGY
CINCOR PHARMA
KINETIK HOLDINGS A
CLEARFIELD
CATALYST PHARMACEUTICAL
CHINOOK THERAPEUTICS
RHYTHM PHARMACEUTICALS
PLIANT THERAPEUTICS
V2X
TARGET HOSPITALITY CORP
ACLARIS THERAPEUTICS
VERU
ARCELLX
DIAMOND OFFSHORE
POINT BIOPHARMA GLOBAL
VACASA A
PROFRAC HOLDING A
RCI HOSPITALITY HOLDINGS
CRESCENT ENERGY COMPANY
ENERGY VAULT HOLDINGS
EXCELERATE ENERGY A
HILLEVAX INC
SENSEONICS HOLDINGS INC
ADMA BIOLOGICS
CYXTERA TECH A
ALTIMMUNE
SYSTEM1
AEROVATE THERAPEUTICS
ENTRADA THERAPEUTICS

Deletions

GLATFELTER
REALREAL (THE)
AVAYA HOLDINGS
HYDROFARM HOLDINGS
BOXED
ADTHEORENT HLDG CO A
XPERI

5E ADVANCED MATERLS (US)
CHARGE ENTERPRISES
STH MISSOURI BANCORP
HOLLEY
NUSCALE POWER
AKOYA BIOSCIENCES
DONEGAL GROUP A
TARSUS PHARMA
SMARTFINANCIAL
SONDER HOLDINGS
NEXPOINT DIV REIT
CERBERUS CYBER SENTINEL
ONEWATER MARINE A
CAPSTAR FINANCIAL HLDGS
CARTER BANK & TRUST
WEAVE COMMUNICATIONS
P10 A

MSCI US MICRO CAP INDEX

Additions

AURA BIOSCIENCES
DESTINATION XL GROUP
CORE SCIENTIFIC
CEPTON
ACUMEN PHARMACEUTICALS
GLATFELTER
REALREAL (THE)
AVAYA HOLDINGS
HYDROFARM HOLDINGS
BOXED
374WATER INC
NL INDUSTRIES
STONEMOR

Deletions

JOBY AVIATION
AKERO THERAPEUTICS
EARTHSTONE ENERGY
KINETIK HOLDINGS A
CLEARFIELD
CATALYST PHARMACEUTICAL
CHINOOK THERAPEUTICS
RHYTHM PHARMACEUTICALS
PLIANT THERAPEUTICS
V2X
TARGET HOSPITALITY CORP
ACLARIS THERAPEUTICS
VERU
RCI HOSPITALITY HOLDINGS
CRESCENT ENERGY COMPANY
SENSEONICS HOLDINGS INC
PHASEBIO PHARMACEUTICALS
MIND TECHNOLOGY
CALYXT
NAVIDEA BIOPHARMA
OTONOMY
ZOVIO
FRESH TRACKS THERAPEU
SUMMIT THERAPEUTICS (US)

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