

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  
PELOTON 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  
PELOTON 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

ATCLASSIAN (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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