

New York, May 12, 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 May 31, 2022.

SUMMARY OF THE CHANGES INCLUDED IN THIS ANNOUNCEMENT:

Index	Nb of Securities Added	Nb of Securities Deleted
MSCI US PRIME MARKET 750 INDEX	25	16
MSCI US SMALL CAP 1750 INDEX	157	121
MSCI US INVESTABLE MARKET 2500 INDEX	152	107
MSCI US MICRO CAP INDEX	127	11

MSCI US PRIME MARKET 750 INDEX

Additions

ROBLOX CORP A
APPLOVIN CORP A
ALBERTSONS COMPANIES A
EQT
CLEVELAND CLIFFS
ALCOA (NEW)
APA CORPORATION
NVR
AVIS BUDGET GROUP
ARES MANAGEMENT CORP
OVINTIV(US)
DARLING INGREDIENTS
REXFORD INDL REALTY
CONFLUENT A
AGCO CORP
HASHICORP A
TOAST A
HERTZ GLOBAL HOLDINGS
NEW FORTRESS ENERGY A
AGILON HEALTH
FLOOR & DECOR HOLDINGS A
LITHIA MOTORS A
CHURCHILL DOWNS
GITLAB A
DECKERS OUTDOOR CORP

Deletions

OLD REPUBLIC INTL CORP
AXALTA COATING SYSTEMS
GINKGO BIOWORKS A
FRESHWORKS A
TOLL BROTHERS
DIGITALOCEAN HOLDINGS
ALTICE USA A
GAP
OPENDOOR TECHNOLOGIES
IPG PHOTONICS
SUNRUN
VERTIV HOLDINGS A
POST HOLDINGS
CRISPR THERAPEUTICS
NOVAVAX
TUSIMPLE HOLDINGS A

MSCI US SMALL CAP 1750 INDEX

Additions

PROCORE TECHNOLOGIES
OLD REPUBLIC INTL CORP
SAMSARA A
ENDEAVOR GROUP HLDGS
INFORMATICA A
ENVIVA
DATTO HOLDING
AXALTA COATING SYSTEMS
GINKGO BIOWORKS A
FRESHWORKS A
TOLL BROTHERS
DIGITALOCEAN HOLDINGS
ALTICE USA A
GAP
OPENDOOR TECHNOLOGIES
IPG PHOTONICS
SUNRUN
PAYCOR HCM
VERTIV HOLDINGS A
POST HOLDINGS
CRISPR THERAPEUTICS
WEWORK A
ALIGHT A

Deletions

EQT
CLEVELAND CLIFFS
ALCOA (NEW)
APA CORPORATION
AVIS BUDGET GROUP
ARES MANAGEMENT CORP
OVINTIV(US)
DARLING INGREDIENTS
REXFORD INDL REALTY
AGCO CORP
FLOOR & DECOR HOLDINGS A
LITHIA MOTORS A
CHURCHILL DOWNS
DECKERS OUTDOOR CORP
GROWGENERATION CORP
DYNE THERAPEUTICS
C4 THERAPEUTICS
VECTRUS
CLEARWATER PAPER
CAMBIUM NETWORKS
KIMBALL ELECTRONICS
PURPLE INNOVATION A
ALPHA TEKNOVA

RYAN SPECIALTY GROUP A
 BRAZE A
 KNOWBE4 A
 NOVAVAX
 CORE & MAIN A
 PHILLIPS EDISON & CO
 ROCKET LAB USA
 JACKSON FINANCIAL
 DOUBLEVERIFY HLDGS
 DUOLINGO A
 FLYWIRE
 WARBY PARKER A
 SQUARESPACE A
 CRICUT A
 LIFE TIME GROUP HOLDINGS
 CONTURA ENERGY
 DUTCH BROS A
 COMPASS A
 EMBARK TECHNOLOGY A
 DIVERSEY HOLDINGS
 POWERSCHOOL HOLDINGS A
 STERLING CHECK CORP
 DEFINITIVE HEALTHCARE A
 TUSIMPLE HOLDINGS A
 ZETA GLOBAL HOLDINGS A
 KRISPY KREME
 LSB INDUSTRIES
 HILLMAN SOLUTIONS
 EQRX
 IONQ
 NEXTDOOR HOLDINGS A
 INVENTRUST PROPERTIES
 BOWLERO CORP A
 ALIGNMENT HEALTHCARE
 MATTERPORT A
 CS DISCO
 PERIMETER SOLUTIONS
 REMITLY GLOBAL
 MICROVAST HOLDINGS
 AVIDXCHANGE HLDG
 ENOVIX
 MIRION TECHNOLOGIES A
 COMPASS DIVERSIFIED HLDG
 RANGER OIL A
 PROCEPT BIOROBOTICS
 CONSOL ENERGY (NEW)
 SOVOS BRANDS
 URANIUM ENERGY
 MEMBERSHIP CLTV GRP A
 INTREPID POTASH
 SEMRUSH HOLDINGS A
 PLANET LABS A
 MERIDIANLINK
 FARADAY A
 HIRERIGHT HOLDINGS
 ARCHAEA ENERGY A
 LIGHTWAVE LOGIC
 SOLID POWER
 PARAGON 28
 CYTEK BIOSCIENCES
 EXPENSIFY A
 SIERRA ONCOLOGY
 FREYR BATTERY
 SOMALOGIC A
 OFFERPAD SOLUTIONS A
 HYZON MOTORS A
 SUMO LOGIC
 EUROPEAN WAX CENTER A
 ROVER GROUP A
 SNAP ONE HOLDINGS
 ERASCA
 HIPPO HOLDINGS
 CBL & ASSOCIATES PPTYS
 NAVITAS SEMICONDUCTOR
 SMARTRENT A

ROOT A
 OPPENHEIMER HOLDINGS A
 DIEBOLD NIXDORF
 MODINE MANUFACTURING CO
 OPORTUN FINANCIAL
 AEMETIS
 VELODYNE LIDAR
 IDEANOMICS
 4D MOLECULAR
 BIOXCEL THERAPEUTICS
 FORMA THERAPEUTICS HLDGS
 LL FLOORING
 RHYTHM PHARMACEUTICALS
 GENERATION BIO
 RUSH STREET INTERACT A
 HONEST COMPANY
 RITE AID CORP
 CLEANSARK
 IDEAYA BIOSCIENCES
 AERIE PHARMACEUTICALS
 META MATERIALS
 EL POLLO LOCO HOLDINGS
 AKERO THERAPEUTICS
 TACTILE SYSTEMS TECH
 MCEWEN MINING
 AMBAC FINANCIAL GRP
 COMTECH TELECOM
 KINNATE BIOPHARMA
 MERSANA THERAPEUTICS
 LOYALTY VENTURES
 EDGEWISE THERAPEUTICS
 CANTALOUPE
 UNIVERSAL ELECTRONICS
 VBI VACCINES (US)
 PRAXIS PRECISION MED
 SCHOLAR ROCK HOLDING
 RADIUS HEALTH
 UWM HLDGS A
 ATI PHYSICAL THERAPY A
 LIGHTNING EMOTORS
 ALLOVIR INC
 KODIAK SCIENCES
 INSEEGO CORP
 VUZIX CORP
 SELECTQUOTE
 ANIKA THERAPEUTICS
 PRECIGEN
 LEXICON PHARMACEUTICALS
 VIEW A
 DERMTECH
 SUTRO BIOPHARMA
 GATOS SILVER
 KRONOS BIO
 SCULPTOR CAPITAL MGMT A
 ZYMEWORKS (US)
 AXOGEN
 LIVEVOX HOLDINGS A
 PERSONALIS
 OCULAR THERAPEUTIX
 BLUEBIRD BIO
 G1 THERAPEUTICS
 SKYWATER TECH
 GOLDEN NUGGET ONLINE A
 SMILEDIRECTCLUB A
 NKARTA
 PRELUDE THERAPEUTICS
 VROOM
 ALLAKOS
 ORAMED PHARMACEUTICALS
 PLIANT THERAPEUTICS
 AEHR TEST SYSTEMS
 EHEALTH
 XL FLEET
 TREAN INSURANCE GROUP
 SPERO THERAPEUTICS

F45 TRAINING HOLDINGS
 ALTUS POWER A
 ASTRA SPACE A
 BRISTOW GROUP INC
 CLEARWATER ANALYTICS
 ESS TECH
 AVEPOINT
 VELO3D
 CADRE HOLDINGS
 TRAEGER
 AERSALE CORP
 CIPHER MINING
 NEXTDECADE
 PORTILLO'S A
 ATAI LIFE SCIENCES
 ENFUSION A
 BENSON HILL
 HAGERTY A
 ADTHEORENT HLDG CO A
 DICE THERAPEUTICS
 COUCHBASE
 IDT CORP B
 DOCGO
 ALLBIRDS A
 VIVID SEATS A
 AEYE A
 BLUEROCK RESIDENTIAL A
 VENTYX BIOSCIENCES
 HELIOGEN
 HUMACYTE A
 EVGO A
 WHEELS UP EXPERIENCE A
 BOXED
 FIRST WATCH RESTAURANT
 NERDWALLET A
 LIQUIDITY SERVICES INC
 MARKFORGED HOLDING
 TANGO THERAPEUTICS
 ADICET BIO
 VERA THERAPEUTICS A
 DOMA HOLDINGS
 SEMA4 HOLDINGS A
 IMAGO BIOSCIENCES
 OUTBRAIN
 JANUX THERAPEUTICS
 TERAWULF
 FLUENCE ENERGY A
 COASTAL FINANCIAL
 NUVALENT A
 INFRA AND ENERGY ALTNVS
 VAXART
 VITA COCO
 FOGHORN THERAPEUTICS
 BRIDGE INVESTMENT GRP A
 VERITONE
 VERTEX ENERGY
 KURA SUSHI USA A
 MAXCYTE (US)
 FOCUS UNIVERSAL

MSCI US INVESTABLE MARKET 2500 INDEX

Additions

ROBLOX CORP A
 APPLOVIN CORP A
 ALBERTSONS COMPANIES A
 NVR
 CONFLUENT A
 HASHICORP A
 TOAST A
 HERTZ GLOBAL HOLDINGS
 NEW FORTRESS ENERGY A
 AGILON HEALTH
 GITLAB A
 PROCORE TECHNOLOGIES

TAYSHA GENE THERAPIES
 ZYMERGEN
 APPLIED MOLECULAR TRANS
 GAN (US)
 REKOR SYSTEMS
 ROMEO POWER
 PRECISION BIOSCIENCES
 ORIC PHARMACEUTICALS
 BIOATLA
 SHATTUCK LABS
 VAPOTHERM
 EOS ENERGY ENTERPRISES A
 SHIFT TECHNOLOGIES A
 RUBIUS THERAPEUTICS
 ELECTRIC LAST MILE SOLN
 CURIOSITYSTREAM A
 CORTEXIME
 OLEMA PHARMACEUTICALS
 TABULA RASA HEALTHCARE
 GOHEALTH A
 ANNEXON
 ALIGOS THERAPEUTICS
 EMBECTA

Deletions

GROWGENERATION CORP
 DYNE THERAPEUTICS
 C4 THERAPEUTICS
 VECTRUS
 CLEARWATER PAPER
 CAMBIUM NETWORKS
 KIMBALL ELECTRONICS
 PURPLE INNOVATION A
 ALPHA TEKNOVA
 ROOT A
 OPPENHEIMER HOLDINGS A
 DIEBOLD NIXDORF

SAMSARA A
 ENDEAVOR GROUP HLDGS
 INFORMATICA A
 ENVIVA
 DATTO HOLDING
 PAYCOR HCM
 WEWORK A
 ALIGHT A
 RYAN SPECIALTY GROUP A
 BRAZE A
 KNOWBE4 A
 CORE & MAIN A
 PHILLIPS EDISON & CO
 ROCKET LAB USA
 JACKSON FINANCIAL
 DOUBLEVERIFY HLDGS
 DUOLINGO A
 FLYWIRE
 WARBY PARKER A
 SQUARESPACE A
 CRICUT A
 LIFE TIME GROUP HOLDINGS
 CONTURA ENERGY
 DUTCH BROS A
 COMPASS A
 EMBARK TECHNOLOGY A
 DIVERSEY HOLDINGS
 POWERSCHOOL HOLDINGS A
 STERLING CHECK CORP
 DEFINITIVE HEALTHCARE A
 ZETA GLOBAL HOLDINGS A
 KRISPY KREME
 LSB INDUSTRIES
 HILLMAN SOLUTIONS
 EQRX
 IONQ
 NEXTDOOR HOLDINGS A
 INVENTRUST PROPERTIES
 BOWLERO CORP A
 ALIGNMENT HEALTHCARE
 MATTERPORT A
 CS DISCO
 PERIMETER SOLUTIONS
 REMITLY GLOBAL
 MICROVAST HOLDINGS
 AVIDXCHANGE HLDG
 ENOVIX
 MIRION TECHNOLOGIES A
 COMPASS DIVERSIFIED HLDG
 RANGER OIL A
 PROCEPT BIOROBOTICS
 CONSOL ENERGY (NEW)
 SOVOS BRANDS
 URANIUM ENERGY
 MEMBERSHIP CLTV GRP A
 INTREPID POTASH
 SEMRUSH HOLDINGS A
 PLANET LABS A
 MERIDIANLINK
 FARADAY A
 HIRERIGHT HOLDINGS
 ARCHAEA ENERGY A
 LIGHTWAVE LOGIC
 SOLID POWER
 PARAGON 28
 CYTEK BIOSCIENCES
 EXPENSIFY A
 SIERRA ONCOLOGY
 FREYR BATTERY
 SOMALOGIC A
 OFFERPAD SOLUTIONS A
 HYZON MOTORS A
 SUMO LOGIC
 EUROPEAN WAX CENTER A
 ROVER GROUP A

MODINE MANUFACTURING CO
 OPORTUN FINANCIAL
 AEMETIS
 VELODYNE LIDAR
 IDEANOMICS
 4D MOLECULAR
 BIOXCEL THERAPEUTICS
 FORMA THERAPEUTICS HLDGS
 LL FLOORING
 RHYTHM PHARMACEUTICALS
 GENERATION BIO
 RUSH STREET INTERACT A
 HONEST COMPANY
 RITE AID CORP
 CLEANSARK
 IDEAYA BIOSCIENCES
 AERIE PHARMACEUTICALS
 META MATERIALS
 EL POLLO LOCO HOLDINGS
 AKERO THERAPEUTICS
 TACTILE SYSTEMS TECH
 MCEWEN MINING
 AMBAC FINANCIAL GRP
 COMTECH TELECOM
 KINNATE BIOPHARMA
 MERSANA THERAPEUTICS
 LOYALTY VENTURES
 EDGEWISE THERAPEUTICS
 CANTALOUPE
 UNIVERSAL ELECTRONICS
 VBI VACCINES (US)
 PRAXIS PRECISION MED
 SCHOLAR ROCK HOLDING
 RADIUS HEALTH
 UWM HLDGS A
 ATI PHYSICAL THERAPY A
 LIGHTNING EMOTORS
 ALLOVIR INC
 KODIAK SCIENCES
 INSEGO CORP
 VUZIX CORP
 SELECTQUOTE
 ANIKA THERAPEUTICS
 PRECIGEN
 LEXICON PHARMACEUTICALS
 VIEW A
 DERMTECH
 SUTRO BIOPHARMA
 GATOS SILVER
 KRONOS BIO
 SCULPTOR CAPITAL MGMT A
 ZYMEWORKS (US)
 AXOGEN
 LIVEVOX HOLDINGS A
 PERSONALIS
 OCULAR THERAPEUTIX
 BLUEBIRD BIO
 G1 THERAPEUTICS
 SKYWATER TECH
 GOLDEN NUGGET ONLINE A
 SMILEDIRECTCLUB A
 NKARTA
 PRELUDE THERAPEUTICS
 VROOM
 ALLAKOS
 ORAMED PHARMACEUTICALS
 PLIANT THERAPEUTICS
 AEHR TEST SYSTEMS
 EHEALTH
 XL FLEET
 TREAN INSURANCE GROUP
 SPERO THERAPEUTICS
 TAYSHA GENE THERAPIES
 ZYMERGEN
 APPLIED MOLECULAR TRANS

SNAP ONE HOLDINGS
ERASCA
HIPPO HOLDINGS
CBL & ASSOCIATES PPTYs
NAVITAS SEMICONDUCTOR
SMARTRENT A
F45 TRAINING HOLDINGS
ALTUS POWER A
ASTRA SPACE A
BRISTOW GROUP INC
CLEARWATER ANALYTICS
ESS TECH
AVEPOINT
VELO3D
CADRE HOLDINGS
TRAEGER
AERSALE CORP
CIPHER MINING
NEXTDECADE
PORTILLO'S A
ATAI LIFE SCIENCES
ENFUSION A
BENSON HILL
HAGERTY A
ADTHEORENT HLDG CO A
DICE THERAPEUTICS
COUCHBASE
IDT CORP B
DOCGO
ALLBIRDS A
VIVID SEATS A
AEYE A
BLUEROCK RESIDENTIAL A
VENTYX BIOSCIENCES
HELIOGEN
HUMACYTE A
EVGO A
WHEELS UP EXPERIENCE A
BOXED
FIRST WATCH RESTAURANT
NERDWALLET A
LIQUIDITY SERVICES INC
MARKFORGED HOLDING
TANGO THERAPEUTICS
ADICET BIO
VERA THERAPEUTICS A
DOMA HOLDINGS
SEMA4 HOLDINGS A
IMAGO BIOSCIENCES
OUTBRAIN
JANUX THERAPEUTICS
TERAWULF
FLUENCE ENERGY A
COASTAL FINANCIAL
NUVALENT A
INFRA AND ENERGY ALTNVS
VAXART
VITA COCO
FOGHORN THERAPEUTICS
BRIDGE INVESTMENT GRP A
VERITONE
VERTEX ENERGY
KURA SUSHI USA A
MAXCYTE (US)
FOCUS UNIVERSAL

MSCI US MICRO CAP INDEX

Additions

BERKSHIRE GREY A
XPONENTIAL FITNESS A
VICARIOUS SURGICAL A
WEBER A
PARDES BIOSCIENCES
CARIBOU BIOSCIENCES

GAN (US)
REKOR SYSTEMS
ROMEO POWER
PRECISION BIOSCIENCES
ORIC PHARMACEUTICALS
BIOATLA
SHATTUCK LABS
VAPOTHERM
EOS ENERGY ENTERPRISES A
SHIFT TECHNOLOGIES A
RUBIUS THERAPEUTICS
ELECTRIC LAST MILE SOLN
CURIOSITYSTREAM A
CORTEXIME
OLEMA PHARMACEUTICALS
TABULA RASA HEALTHCARE
GOHEALTH A
ANNEXON
ALIGOS THERAPEUTICS
EMBECTA

Deletions

CONTURA ENERGY
LSB INDUSTRIES
RANGER OIL A
CONSOL ENERGY (NEW)
URANIUM ENERGY
INTREPID POTASH

ROCKLEY PHOTONICS HLDGS
 OWLET
 LOANDEPOT A
 XOS
 FIVE STAR BANCORP
 GARRETT MOTION
 GROWGENERATION CORP
 DYNE THERAPEUTICS
 C4 THERAPEUTICS
 VECTRUS
 CLEARWATER PAPER
 CAMBIUM NETWORKS
 KIMBALL ELECTRONICS
 PURPLE INNOVATION A
 ALPHA TEKNOVA
 ROOT A
 OPPENHEIMER HOLDINGS A
 DIEBOLD NIXDORF
 MODINE MANUFACTURING CO
 OPORTUN FINANCIAL
 AEMETIS
 VELODYNE LIDAR
 IDEANOMICS
 4D MOLECULAR
 BIOXCEL THERAPEUTICS
 FORMA THERAPEUTICS HLDGS
 LL FLOORING
 RHYTHM PHARMACEUTICALS
 GENERATION BIO
 RUSH STREET INTERACT A
 HONEST COMPANY
 RITE AID CORP
 CLEANSARK
 IDEAYA BIOSCIENCES
 AERIE PHARMACEUTICALS
 META MATERIALS
 EL POLLO LOCO HOLDINGS
 AKERO THERAPEUTICS
 TACTILE SYSTEMS TECH
 MCEWEN MINING
 AMBAC FINANCIAL GRP
 COMTECH TELECOM
 KINNATE BIOPHARMA
 MERSANA THERAPEUTICS
 LOYALTY VENTURES
 EDGEWISE THERAPEUTICS
 CANTALOUPE
 UNIVERSAL ELECTRONICS
 VBI VACCINES (US)
 PRAXIS PRECISION MED
 SCHOLAR ROCK HOLDING
 RADIUS HEALTH
 UWM HLDGS A
 ATI PHYSICAL THERAPY A
 LIGHTNING EMOTORS
 ALLOVIR INC
 KODIAK SCIENCES
 INSEEGO CORP
 VUZIX CORP
 SELECTQUOTE
 ANIKA THERAPEUTICS
 PRECIGEN
 LEXICON PHARMACEUTICALS
 VIEW A
 DERMTECH
 JOBY AVIATION
 SUTRO BIOPHARMA
 GATOS SILVER
 KRONOS BIO
 SCULPTOR CAPITAL MGMT A
 ZYMEWORKS (US)
 AXOGEN
 LIVEVOX HOLDINGS A
 PERSONALIS
 OCULAR THERAPEUTIX

BRISTOW GROUP INC
 IDT CORP B
 LIQUIDITY SERVICES INC
 VAXART
 VERITONE

BLUEBIRD BIO
G1 THERAPEUTICS
SKYWATER TECH
GOLDEN NUGGET ONLINE A
SMILEDIRECTCLUB A
NKARTA
PRELUDE THERAPEUTICS
VROOM
ALLAKOS
ORAMED PHARMACEUTICALS
PLIANT THERAPEUTICS
AEHR TEST SYSTEMS
EHEALTH
XL FLEET
TREA INSURANCE GROUP
SPERO THERAPEUTICS
TAYSHA GENE THERAPIES
ZYMERGEN
APPLIED MOLECULAR TRANS
GAN (US)
REKOR SYSTEMS
ROMEO POWER
PRECISION BIOSCIENCES
ORIC PHARMACEUTICALS
BIOATLA
SHATTUCK LABS
VAPOTHERM
EOS ENERGY ENTERPRISES A
SHIFT TECHNOLOGIES A
RUBIUS THERAPEUTICS
ELECTRIC LAST MILE SOLN
CURIOSITYSTREAM A
CORTEXME
OLEMA PHARMACEUTICALS
TABULA RASA HEALTHCARE
GOHEALTH A
ANNEXON
ALIGOS THERAPEUTICS
BUZZFEED A
FARMERS & MERCHANTS
GUILD HOLDINGS CO A
HBT FINANCIAL
ONCOLOGY INSTITUTE A
RESERVOIR MEDIA
SCIENCE 37 HLDGS
SOUTH PLAINS FINANCIAL

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