

New York, May 12, 2015

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 29, 2015.

SUMMARY OF THE CHANGES INCLUDED IN THIS ANNOUNCEMENT:

Index	Nb of Securities Added	Nb of Securities Deleted
MSCI US PRIME MARKET 750 INDEX	21	10
MSCI US SMALL CAP 1750 INDEX	100	69
MSCI US INVESTABLE MARKET 2500 INDEX	94	52
MSCI US MICRO CAP INDEX	78	33
MSCI US PRIME MARKET 750 INDEX		
Additions		Deletions
ALNYLAM PHARMACEUTICALS		WESTAR ENERGY
CENTENE CORP		NORDSON CORP
WHITEWAVE FOODS CO A		PATTERSON COS
SUNEDISON		AQUA AMERICA
PUMA BIOTECHNOLOGY		PEOPLES UNITED FINANCIAL
HUNTINGTON INGALLS IND		PACWEST BANCORP
INTERCEPT PHARMA		SEARS HOLDINGS CORP
ZAYO GROUP HOLDINGS		JABIL CIRCUIT
HAIN CELESTIAL GROUP		CABELA'S A
HD SUPPLY HOLDINGS		TUPPERWARE BRANDS
AMERCO		
OLD DOMINION FREIGHT		
AVIS BUDGET GROUP		
MIDDLEBY CORP		
NEWMARKET CORP		
MICHAELS COS		
ALLEGION		
TRINITY INDUSTRIES		
ATMOS ENERGY CORP		
TERRAFORM POWER A		
TRIBUNE MEDIA A		
MSCI US SMALL CAP 1750 INDEX		
Additions		Deletions
WESTAR ENERGY		ALNYLAM PHARMACEUTICALS
NORDSON CORP		CENTENE CORP
PATTERSON COS		WHITEWAVE FOODS CO A
AQUA AMERICA		SUNEDISON
PEOPLES UNITED FINANCIAL		PUMA BIOTECHNOLOGY
PACWEST BANCORP		HUNTINGTON INGALLS IND
SEARS HOLDINGS CORP		INTERCEPT PHARMA
JABIL CIRCUIT		HAIN CELESTIAL GROUP
ARISTA NETWORKS		HD SUPPLY HOLDINGS
PARAMOUNT GROUP		AMERCO
CABELA'S A		OLD DOMINION FREIGHT
CATALENT		AVIS BUDGET GROUP
VWR		MIDDLEBY CORP
TUPPERWARE BRANDS		NEWMARKET CORP
STORE CAPITAL		ALLEGION
BARRACUDA NETWORKS		TRINITY INDUSTRIES
OM ASSET MANAGEMENT		ATMOS ENERGY CORP
ESPERION THERAPEUTICS		EP ENERGY CORP
TRAVELPORT WORLDWIDE		CRAWFORD & CO A
DIPLOMAT PHARMACY		WHITESTONE REIT
INC RESEARCH HOLDINGS A		SURMODICS
PAYCOM SOFTWARE		HOMETRUST BANCSHARES
SAGE THERAPEUTICS		FIRST COMMUNITY BANCSHS
FIBROGEN		QUIKSILVER
PRA HEALTH SCIENCES		CONTROL4 CORP
GRAMERCY PROPERTY TRUST		TITAN MACHINERY
MONOGRAM RESIDENTIAL		STONEGATE MORTGAGE

ADVANCED DRAINAGE SYSTEM
 VIVINT SOLAR
 FMSA HOLDINGS
 TETRAPHASE PHARMA
 SMART & FINAL STORES
 HEALTHEQUITY
 GREAT WESTERN BANCORP
 DAVE & BUSTER'S ENTMT
 METALDYNE PERFORMANCE
 NEVRO
 ATARA BIOTHERAPEUTICS
 WAYFAIR A
 VIRGIN AMERICA
 HUBSPOT
 ZIOPHARM ONCOLOGY
 AMICUS THERAPEUTICS
 FCB FINANCIAL HOLDINGS A
 EL POLLO LOCO HOLDINGS
 PHYSICIANS REALTY TRUST
 COHERUS BIOSCIENCES
 AVALANCHE BIOTECHNOLOG
 SUCAMPO PHARMA A
 EAGLE PHARMACEUTICALS
 HORTONWORKS
 UNIVERSAL INS HOLDINGS
 SERVISFIRST BANCSHARES
 HABIT RESTAURANTS A
 RETROPHIN
 OTONOMY
 FRESHPET
 AAC HOLDINGS INC
 CIVITAS SOLUTIONS
 BELLICUM PHARMACEUTICALS
 JAMES RIVER GROUP HLDG
 BOOT BARN HOLDINGS
 AVID TECHNOLOGY
 SUPERNUS PHARMACEUTICALS
 INTERSECT ENT
 ATRICURE INC
 CALLON PETROLEUM CORP
 CONNECTONE BANCORP (NEW)
 WORKIVA A
 OCULAR THERAPEUTIX
 ADVAXIS
 GLU MOBILE
 FIFTH STREET ASSET MGMT
 FAIRPOINT COMMUNICATION
 WESTMORELAND COAL CO
 IMMUNE DESIGN CORP
 MOTORCAR PART OF AMERICA
 VASCULAR SOLUTIONS
 US CONCRETE
 REX AMERICAN RESOURCES
 TRIBUNE PUBLISHING
 TUBEMOGUL
 NN
 STATE NATIONAL COS
 ARC DOCUMENT SOLUTIONS
 BRIDGE CAPITAL HLDGS
 ORBCOMM
 FARMER BROS CO
 HERON THERAPEUTICS
 SORRENTO THERAPEUTICS
 ABRAXAS PETROLEUM
 DICERNA PHARMACEUTICALS
 VANDA PHARMACEUTICALS
 FUELCELL ENERGY
 BLUE HILLS BANCORP
 ARROWHEAD RESEARCH
 METRO BANCORP
 DERMIRA
 CELLADON CORP
 ALLIED MOTION TECH

QUALITY DISTRIBUTION
 MCEWEN MINING
 LIQUIDITY SERVICES INC
 CDI CORP
 ELECTRO RENT CORP
 HERITAGE-CRYSTAL CLEAN
 GEOSPACE TECHNOLOGIES
 CHANNELADVISOR CORP
 REX ENERGY CORP
 RENTECH
 VIVUS
 SEVENTY SEVEN ENERGY
 EXTREME NETWORKS
 AMBER ROAD
 ARDELYX
 MARIN SOFTWARE
 AKEBIA THERAPEUTICS
 COMSTOCK RESOURCES
 EVOLUTION PETROLEUM
 GOODRICH PETROLEUM CORP
 MAXWELL TECHNOLOGIES
 ARCH COAL
 EXONE CO
 NORTHWEST PIPE CO
 MOLYCORP
 ACELRX PHARMACEUTICALS
 EHEALTH
 ALPHA NATURAL RESOURCES
 MAGNACHIP SEMICONDUCTOR
 PARAGON OFFSHORE LIMITED
 LEAPFROG ENTERPRISES A
 SEARS HOMETOWN OUTLET ST
 PERFORMANT FINANCIAL
 ITT EDUCATIONAL SERVICES
 VAALCO ENERGY
 SWIFT ENERGY CO
 WILLBROS GROUP
 VANTAGE DRILLING CO
 HERCULES OFFSHORE INC
 RESOLUTE ENERGY CORP
 FXCM A
 CHC GROUP

MSCI US INVESTABLE MARKET 2500 INDEX

Additions

ZAYO GROUP HOLDINGS
 MICHAELS COS
 TERRAFORM POWER A
 TRIBUNE MEDIA A
 ARISTA NETWORKS
 PARAMOUNT GROUP
 CATALENT
 VWR
 STORE CAPITAL
 BARRACUDA NETWORKS
 OM ASSET MANAGEMENT
 ESPERION THERAPEUTICS
 TRAVELPORT WORLDWIDE
 DIPLOMAT PHARMACY
 INC RESEARCH HOLDINGS A
 PAYCOM SOFTWARE
 SAGE THERAPEUTICS
 FIBROGEN
 PRA HEALTH SCIENCES
 GRAMERCY PROPERTY TRUST
 MONOGRAM RESIDENTIAL
 ADVANCED DRAINAGE SYSTEM
 VIVINT SOLAR
 FMSA HOLDINGS
 TETRAPHASE PHARMA
 SMART & FINAL STORES
 HEALTHEQUITY
 GREAT WESTERN BANCORP
 DAVE & BUSTER'S ENTMT
 METALDYNE PERFORMANCE
 NEVRO
 ATARA BIOTHERAPEUTICS
 WAYFAIR A
 VIRGIN AMERICA
 HUBSPOT
 ZIOPHARM ONCOLOGY
 AMICUS THERAPEUTICS
 FCB FINANCIAL HOLDINGS A
 EL POLLO LOCO HOLDINGS
 PHYSICIANS REALTY TRUST
 COHERUS BIOSCIENCES
 AVALANCHE BIOTECHNOLOG
 SUCAMPO PHARMA A
 EAGLE PHARMACEUTICALS
 HORTONWORKS
 UNIVERSAL INS HOLDINGS
 SERVISFIRST BANCSHARES
 HABIT RESTAURANTS A
 RETROPHIN
 OTONOMY
 FRESHPET
 AAC HOLDINGS INC
 CIVITAS SOLUTIONS
 BELLICUM PHARMACEUTICALS
 JAMES RIVER GROUP HLDG
 BOOT BARN HOLDINGS
 AVID TECHNOLOGY
 SUPERNUS PHARMACEUTICALS
 INTERSECT ENT
 ATRICURE INC
 CALLON PETROLEUM CORP
 CONNECTONE BANCORP (NEW)
 WORKIVA A
 OCULAR THERAPEUTIX
 ADVAXIS
 GLU MOBILE
 FIFTH STREET ASSET MGMT
 FAIRPOINT COMMUNICATION
 WESTMORELAND COAL CO
 IMMUNE DESIGN CORP
 MOTORCAR PART OF AMERICA
 VASCULAR SOLUTIONS
 US CONCRETE

Deletions

EP ENERGY CORP
 CRAWFORD & CO A
 WHITESTONE REIT
 SURMODICS
 HOMETRUST BANCSHARES
 FIRST COMMUNITY BANCSHS
 QUIKSILVER
 CONTROL4 CORP
 TITAN MACHINERY
 STONEGATE MORTGAGE
 QUALITY DISTRIBUTION
 MCEWEN MINING
 LIQUIDITY SERVICES INC
 CDI CORP
 ELECTRO RENT CORP
 HERITAGE-CRYSTAL CLEAN
 GEOSPACE TECHNOLOGIES
 CHANNELADVISOR CORP
 REX ENERGY CORP
 RENTECH
 VIVUS
 SEVENTY SEVEN ENERGY
 EXTREME NETWORKS
 AMBER ROAD
 ARDELYX
 MARIN SOFTWARE
 AKEBIA THERAPEUTICS
 COMSTOCK RESOURCES
 EVOLUTION PETROLEUM
 GOODRICH PETROLEUM CORP
 MAXWELL TECHNOLOGIES
 ARCH COAL
 EXONE CO
 NORTHWEST PIPE CO
 MOLYCORP
 ACELRX PHARMACEUTICALS
 EHEALTH
 ALPHA NATURAL RESOURCES
 MAGNACHIP SEMICONDUCTOR
 PARAGON OFFSHORE LIMITED
 LEAPFROG ENTERPRISES A
 SEARS HOMETOWN OUTLET ST
 PERFORMANT FINANCIAL
 ITT EDUCATIONAL SERVICES
 VAALCO ENERGY
 SWIFT ENERGY CO
 WILLBROS GROUP
 VANTAGE DRILLING CO
 HERCULES OFFSHORE INC
 RESOLUTE ENERGY CORP
 FXCM A
 CHC GROUP

REX AMERICAN RESOURCES
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 FARMER BROS CO
 HERON THERAPEUTICS
 SORRENTO THERAPEUTICS
 ABRAXAS PETROLEUM
 DICERNA PHARMACEUTICALS
 VANDA PHARMACEUTICALS
 FUELCELL ENERGY
 BLUE HILLS BANCORP
 ARROWHEAD RESEARCH
 METRO BANCORP
 DERMIRA
 CELLADON CORP
 ALLIED MOTION TECH

MSCI US MICRO CAP INDEX
 Additions
 VITESSE SEMICONDUCTOR
 CATALYST PHARMACEUTICAL
 YODLEE
 WHITESTONE REIT
 CU BANCORP
 T2 BIOSYSTEMS
 SURMODICS
 BEAR STATE FINANCIAL
 HOMETRUST BANCSHARES
 EAGLE BULK SHIPPING
 CONCERT PHARMACEUTICALS
 FIRST COMMUNITY BANCSHS
 ANCHOR BANCORP WISCONSIN
 PEOPLES FINANCIAL SVCS
 PFENEX
 COREENERGY INFRASTRUCTURE
 GREEN BANCORP
 NEFF CORP A
 CELLULAR BIOMEDICINE
 QUIKSILVER
 GENOCEA BIOSCIENCES
 CONTROL4 CORP
 C1 FINANCIAL
 PAPA MURPHYS HOLDINGS
 TITAN MACHINERY
 STONEGATE MORTGAGE
 KONA GRILL
 QUALITY DISTRIBUTION
 LA JOLLA PHARMACEUTICAL
 MCEWEN MINING
 CALITHERA BIOSCIENCES
 LIQUIDITY SERVICES INC
 HERITAGE OAKS BANCORP
 CDI CORP
 ELECTRO RENT CORP
 HERITAGE-CRYSTAL CLEAN
 GEOSPACE TECHNOLOGIES
 CHANNELADVISOR CORP
 REX ENERGY CORP
 GREEN BRICK PARTNERS A
 JG WENTWORTH CO A
 RENTECH
 ARMADA HOFFLER PROP
 NEW HOME
 VIVUS
 SIENTRA
 SEVENTY SEVEN ENERGY
 EXTREME NETWORKS
 AMBER ROAD
 ARDELYX

Deletions
 ESPERION THERAPEUTICS
 GRAMERCY PROPERTY TRUST
 TETRAPHASE PHARMA
 ZIOPHARM ONCOLOGY
 AMICUS THERAPEUTICS
 PHYSICIANS REALTY TRUST
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 BRIDGE CAPITAL HLDGS
 ORBCOMM
 FARMER BROS CO
 ABRAXAS PETROLEUM
 VANDA PHARMACEUTICALS
 FUELCELL ENERGY
 ARROWHEAD RESEARCH
 METRO BANCORP
 NEWTEK BUSINESS SERVICES
 KOSS CORP
 SARATOGA RESOURCES TEXAS
 ESCALERA RESOURCES

MARIN SOFTWARE
AKEBIA THERAPEUTICS
COMSTOCK RESOURCES
EVOLUTION PETROLEUM
GOODRICH PETROLEUM CORP
MAXWELL TECHNOLOGIES
ARCH COAL
EXONE CO
NORTHWEST PIPE CO
MOLYCORP
ACELRX PHARMACEUTICALS
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MAGNACHIP SEMICONDUCTOR
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PERFORMANT FINANCIAL
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WILLBROS GROUP
VANTAGE DRILLING CO
HERCULES OFFSHORE INC
RESOLUTE ENERGY CORP
FXCM A
CHC GROUP

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