

Membership list

Russell 1000® Index

Company	Ticker
10X GENOMICS	TXG
3M COMPANY	MMM
ABBOTT LABORATORIES	ABT
ABBVIE INC	ABBV
ABIOMED INC	ABMD
ACADIA HEALTHCARE	ACHC
ACCELERON PHARMA INC	XLRN
ACCENTURE CL A	ACN
ACTIVISION BLIZZARD	ATVI
ACUITY BRANDS INC	AYI
ADAPTIVE BIOTECHNOLOGIES	ADPT
ADOBE	ADBE
ADT INC	ADT
ADVANCE AUTO PARTS	AAP
ADVANCED DRAINAGE SYSTEMS	WMS
ADVANCED MICRO DEV	AMD
AECOM	ACM
AES CORP.	AES
AFFILIATED MANAGERS GROUP	AMG
AFLAC	AFL
AGCO CORP	AGCO
AGILENT TECHNOLOGIES	A
AGILON HEALTH	AGL
AGNC INVESTMENT	AGNC
AIR LEASE	AL
AIR PRODUCTS & CHEMICALS INC	APD
AKAMAI TECHNOLOGIES	AKAM
ALASKA AIR GROUP	ALK
ALBEMARLE	ALB
ALBERTSONS COMPANIES	ACI
ALCOA CORPORATION	AA
ALEXANDRIA REAL ESTATE EQUITY	ARE
ALEXION PHARM	ALXN
ALIGN TECHNOLOGY INC	ALGN
ALLEGHANY	Y
ALLEGION PLC	ALLE
ALLEGRO MICROSYSTEMS	ALGM
ALLIANCE DATA SYSTEMS CORP	ADS
ALLIANT ENERGY	LNT
ALLISON TRANSMISSION HOLDINGS	ALSN
ALLSTATE CORP	ALL
ALLY FINANCIAL	ALLY
ALNYLAM PHARMACEUTICALS	ALNY
ALPHABET CLASS A	GOOGL
ALPHABET CLASS C	GOOG
ALTERYX	AYX
ALTICE USA	ATUS
ALTRIA GROUP	MO

Company	Ticker
AMAZON.COM	AMZN
AMCOR	AMCR
AMDOCS	DOX
AMEDISYS INC	AMED
AMERCO	UHAL
AMEREN CORP	AEE
AMERICAN AIRLINES GROUP	AAL
AMERICAN CAMPUS COMMUNITIES	ACC
AMERICAN ELEC POWER COM	AEP
AMERICAN EXPRESS COM	AXP
AMERICAN FINANCE GROUP HLDG.	AFG
AMERICAN HOMES 4 RENT	AMH
AMERICAN INTL GROUP	AIG
AMERICAN TOWER CORP	AMT
AMERICAN WATER WORKS COMPANY	AWK
AMERICOLD REALTY TRUST	COLD
AMERIPRISE FINANCIAL	AMP
AMERISOURCEBERGEN	ABC
AMETEK INC	AME
AMGEN CORP	AMGN
AMPHENOL CORP A	APH
ANALOG DEVICES	ADI
ANAPLAN	PLAN
ANNALY CAPITAL MANAGEMENT	NLY
ANSYS INC	ANSS
ANTERO MIDSTREAM CORP	AM
ANTHEM	ANTM
AON PLC	AON
APA CORPORATION	APA
APARTMENT INCOME REIT	AIRC
APOLLO GLOBAL MANAGEMENT INC	APO
APPLE INC.	AAPL
APPLIED MATERIALS	AMAT
APTARGROUP	ATR
APTIV PLC	APTV
ARAMARK	ARMK
ARCH CAPITAL GP	ACGL
ARCHER DANIELS MIDLAND	ADM
ARDAGH GROUP	ARD
ARES MANAGEMENT CORPORATION	ARES
ARISTA NETWORKS	ANET
ARMSTRONG WORLD INDUSTRIES INC.	AWI
ARROW ELECTRONICS	ARW
ARTHUR J GALLAGHER	AJG
ASHLAND GLOBAL HOLDINGS INC	ASH
ASPEN TECHNOLOGY	AZPN
ASSURANT	AIZ
ASSURED GUARANTY	AGO

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Company	Ticker
AT&T	T
ATHENE HOLDING	ATH
ATLASSIAN	TEAM
ATMOS ENERGY	ATO
AUTODESK	ADSK
AUTOMATIC DATA PROCESS	ADP
AUTONATION	AN
AUTOZONE	AZO
AVALARA	AVLR
AVALONBAY COMMUNITIES	AVB
AVANGRID	AGR
AVANTOR	AVTR
AVERY DENNISON CORP	AVY
AVNET	AVT
AXALTA COATING SYSTEMS	AXTA
AXIS CAPITAL HOLDINGS	AXS
AXON ENTERPRISE	AXON
BAKER HUGHES COMPANY	BKR
BALL CORP	BLL
BANK OF AMERICA	BAC
BANK OF HAWAII	BOH
BANK OF NEW YORK MELLON	BK
BANK OZK	OZK
BAXTER INTL	BAX
BECTON DICKINSON	BDX
BENTLEY SYSTEMS	BSY
BERKLEY W R	WRB
BERKSHIRE HATHAWAY B	BRK.B
BERRY GLOBAL GROUP	BERY
BEST BUY COMPANY	BBY
BEYOND MEAT	BYND
BILL.COM HOLDINGS	BILL
BIOGEN	BIIB
BIOMARIN PHARM	BMRN
BIO-RAD LABS A	BIO
BIO-TECHNE	TECH
BLACK KNIGHT	BKI
BLACKROCK INC	BLK
BLOCK (H & R) NPV	HRB
BOEING	BA
BOK FINANCIAL CORP	BOKF
BOOKING HOLDINGS	BKNG
BOOZ ALLEN HAMILTON	BAH
BORGWARNER	BWA
BOSTON BEER	SAM
BOSTON PROPERTIES	BXP
BOSTON SCIENTIFIC CORP	BSX
BOYD GAMING	BYD

Company	Ticker
BRIGHTHOUSE FINANCIAL	BHF
BRISTOL MYERS SQUIBB	BMJ
BRIXMOR PROPERTY GROUP	BRX
BROADCOM	AVGO
BROADRIDGE FINANCIAL SOLUTIONS	BR
BROOKFIELD PROPERTY	BPYU
BROOKFIELD RENEWABLE CORPORATION	BEPC
BROOKS AUTOMATION	BRKS
BROWN & BROWN	BRO
BROWN-FORMAN B	BF.B
BROWN-FORMAN CLASS A	BF.A
BRUKER	BRKR
BRUNSWICK CORP	BC
BUILDERS FIRSTSOURCE INC.	BLDR
BUNGE	BG
BURLINGTON STORES	BURL
BWX TECHNOLOGIES	BWXT
C.H. ROBINSON WORLDWIDE	CHRW
C3 AI	AI
CABLE ONE	CABO
CABOT OIL & GAS	COG
CACI INC CL A	CACI
CADENCE DESIGN SYSTEMS	CDNS
CAESARS ENTERTAINMENT INC	CZR
CAMDEN PROPERTY	CPT
CAMPBELL SOUP	CPB
CAPITAL ONE FINANCIAL	COF
CAPRI HOLDINGS LIMITED	CPRI
CARDINAL HEALTH	CAH
CARLISLE COS INC	CSL
CARLYLE GROUP INC	CG
CARMAX INC	KMX
CARNIVAL CORP A	CCL
CARRIER GLOBAL	CARR
CARTERS	CRI
CARVANA	CVNA
CASEYS GENERAL STORES	CASY
CATALENT	CTLT
CATERPILLAR	CAT
CBOE GLOBAL MARKETS	CBOE
CBRE GROUP	CBRE
CDK GLOBAL	CDK
CDW	CDW
CELANESE	CE
CENTENE CORP	CNC
CENTERPOINT ENERGY	CNP
CERIDIAN HCM HOLDING	CDAY
CERNER CORP	CERN

Membership list

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Company	Ticker
BRIGHT HORIZONS FAMILY SOLUTIONS	BFAM
CF INDUSTRIES HOLDINGS	CF
CHANGE HEALTHCARE	CHNG
CHARGEPOINT HOLDINGS INC (A)	CHPT
CHARLES RIVER LABORATORIES	CRL
CHARTER COMMUNICATIONS INC. CL A	CHTR
CHEGG	CHGG
CHEMED	CHE
CHEMOURS COMPANY	CC
CHENIERE ENERGY	LNG
CHEVRON	CVX
CHIPOTLE MEXICAN GRILL	CMG
CHOICE HOTELS INTERNATIONAL	CHH
CHUBB LTD	CB
CHURCH & DWIGHT	CHD
CHURCHILL DOWNS	CHDN
CIENA	CIEN
CIGNA CORP	CI
CIMAREX ENERGY CO	XEC
CINCINNATI FIN CP	CINF
CINTAS CORP	CTAS
CIRRUS LOGIC	CRUS
CISCO SYSTEMS	CSCO
CITIGROUP	C
CITIZENS FINANCIAL GROUP	CFG
CITRIX SYSTEMS	CTXS
CLARIVATE PLC (A)	CLVT
CLEAN HARBORS	CLH
CLEVELAND-CLIFFS	CLF
CLOROX	CLX
CLOUDFLARE	NET
CME GROUP	CME
CMS ENERGY CORP	CMS
CNA FINANCIAL CORP	CNA
COCA-COLA	KO
COGNEX CORP	CGNX
COGNIZANT TECH SOLUTIONS	CTSH
COHERENT INC	COHR
COLFAX	CFX
COLGATE-PALMOLIVE	CL
COLUMBIA SPORTSWEAR CO	COLM
COMCAST A	CMCSA
COMERICA	CMA
COMMERCE BANCSHARES	CBSH
COMMSCOPE HOLDING COMPANY	COMM
CONAGRA BRANDS INC	CAG
CONCENTRIX	CNXC
CONOCOPHILLIPS	COP

Company	Ticker
CERTARA	CERT
CONTINENTAL RESOURCES OK	CLR
COOPER COS INC	COO
COPA HOLDINGS S.A. CL A	CPA
COPART INC	CPRT
CORESITE REALTY	COR
CORNING	GLW
CORTEVA	CTVA
COSTAR GROUP	CSGP
COSTCO WHOLESALE CORP	COST
COTY	COTY
COUPA SOFTWARE	COUP
COUSINS PROPERTY	CUZ
CRANE CO	CR
CREDIT ACCEPTANCE CP	CACC
CREE INC	CREE
CROWDSTRIKE HOLDINGS	CRWD
CROWN CASTLE INTL CORP	CCI
CROWN HOLDINGS	CCK
CSX CORP	CSX
CUBESMART	CUBE
CULLEN FROST BANKERS	CFR
CUMMINS	CMI
CUREVAC NV	CVAC
CURTISS WRIGHT	CW
CVS HEALTH CORPORATION	CVS
CYRUSONE	CONE
D.R. HORTON INC	DHI
DANAHER CORP	DHR
DARDEN RESTAURANTS	DRI
DARLING INGREDIENTS	DAR
DATADOG	DDOG
DATTO HOLDING	MSP
DAVITA	DVA
DECKERS OUTDOOR	DECK
DEERE & CO	DE
DELL TECHNOLOGIES	DELL
DELTA AIR LINES	DAL
DENTSPLY SIRONA	XRAY
DEVON ENERGY	DVN
DEXCOM	DXCM
DIAMONDBACK ENERGY	FANG
DICK'S SPORTING GOODS INC	DKS
DIGITAL REALTY TRUST	DLR
DISCOVER FINANCIAL SERVICES	DFS
DISCOVERY SERIES A	DISCA
DISCOVERY SERIES C	DISCK
DISH NETWORK	DISH

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Company	Ticker
CONS EDISON HOLDING	ED
CONSTELLATION BRANDS A	STZ
DOCUSIGN	DOCU
DOLBY LABS A	DLB
DOLLAR GENERAL	DG
DOLLAR TREE	DLTR
DOMINION ENERGY	D
DOMINOS PIZZA	DPZ
DONALDSON CO INC	DCI
DOORDASH	DASH
DOUBLEVERIFY HOLDINGS	DV
DOUGLAS EMMETT	DEI
DOVER CORP	DOV
DOW INC	DOW
DRAFTKINGS INC (A)	DKNG
DRIVEN BRANDS HOLDINGS	DRVN
DROPBOX	DBX
DTE ENERGY	DTE
DUCK CREEK TECHNOLOGIES	DCT
DUKE ENERGY CORP	DUK
DUKE REALTY CORP	DRE
DUN AND BRADSTREET HOLDINGS	DNB
DUPONT DE NEMOURS	DD
DXC TECHNOLOGY COMPANY	DXC
DYNATRACE	DT
EAGLE MATERIALS	EXP
EAST WEST BANCORP	EWBC
EASTMAN CHEMICAL	EMN
EATON CORP PLC	ETN
EBAY	EBAY
ECOLAB	ECL
EDISON INTERNATIONAL	EIX
EDWARDS LIFESCIENCES	EW
ELANCO ANIMAL HEALTH	ELAN
ELASTIC N.V.	ESTC
ELECTRONIC ARTS	EA
ELEMENT SOLUTIONS	ESI
EMERSON ELECTRIC	EMR
ENCOMPASS HEALTH	EHC
ENPHASE ENERGY INC	ENPH
ENTEGRIS INC	ENTG
ENTERGY CORP	ETR
ENVISTA HOLDINGS	NVST
EOG RESOURCES	EOG
EPAM SYSTEMS	EPAM
EPR PROPERTIES	EPR
EQT CORPORATION	EQT
EQUIFAX	EFX

Company	Ticker
DISNEY (WALT) COMPANY	DIS
DIVERSEY HOLDINGS	DSEY
EQUITY RESIDENTIAL	EQR
ERIE INDEMNITY	ERIE
ESSENTIAL UTILITIES INC	WTRG
ESSEX PROP TRUST	ESS
ETSY	ETSY
EURONET WORLDWIDE	EEFT
EVERBRIDGE	EVBG
EVERCORE	EVR
EVEREST RE GROUP	RE
EVERGY	EVRG
EVERSOURCE ENERGY	ES
EXACT SCIENCES	EXAS
EXELIXIS INC	EXEL
EXELON CORPORATION	EXC
EXPEDIA GROUP	EXPE
EXPEDITORS INTL WASHINGTON	EXPD
EXTRA SPACE STORAGE	EXR
EXXON MOBIL CORPORATION	XOM
F.N.B. CORPORATION	FNB
F5 NETWORKS INC	FFIV
FACEBOOK CLASS A	FB
FACTSET RESEARCH SYSTEMS	FDS
FAIR ISAAC	FICO
FASTENAL CO	FAST
FASTLY	FSLY
FEDERAL REALTY INVS	FRT
FEDEX CORPORATION	FDX
FIDELITY NATL INFORMATION SERVICES	FIS
FIFTH THIRD BANCORP	FITB
FIREEYE	FEYE
FIRST AMERICAN FINANCIAL	FAF
FIRST CITIZENS BANC SH A	FCNCA
FIRST HAWAIIAN	FHB
FIRST HORIZON CORPORATION	FHN
FIRST INDUSTRIAL REALTY TRUST	FR
FIRST REPUBLIC BANK SAN FRANCISCO	FRC
FIRST SOLAR INC	FSLR
FIRSTENERGY CORP.	FE
FISERV INC	FISV
FIVE BELOW	FIVE
FIVE9	FIVN
FLEETCOR TECHNOLOGIES	FLT
FLOOR & DECOR HOLDINGS	FND
FLOWERS FOODS INC	FLO
FLOWSERVE CP	FLS
FMC CORP	FMC

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Company	Ticker
EQUINIX INC	EQIX
EQUITABLE HOLDINGS	EQH
EQUITY LIFESTYLE PROPERTIES	ELS
FORTINET	FTNT
FORTIVE	FTV
FORTUNE BRANDS HOME & SECURITY	FBHS
FOX CORPORATION CLASS A	FOXA
FOX CORPORATION CLASS B	FOX
FRANKLIN RESOURCES	BEN
FREEMPORT-MCMORAN	FCX
FRESHPET	FRPT
FRONTDOOR	FTDR
FTI CONSULTING	FCN
GAMESTOP CORP	GME
GAMING & LEISURE PROPERTIES	GLPI
GAP	GPS
GARMIN LTD	GRMN
GARTNER	IT
GATES INDUSTRIAL	GTES
GENERAC HOLDINGS	GNRC
GENERAL DYNAMICS CORP	GD
GENERAL ELECTRIC	GE
GENERAL MILLS	GIS
GENERAL MOTORS	GM
GENPACT	G
GENTEX CORP	GNTX
GENUINE PARTS	GPC
GILEAD SCIENCES	GILD
GLOBAL PAYMENTS INC	GPN
GLOBANT SA	GLOB
GLOBE LIFE	GL
GLOBUS MEDICAL	GMED
GODADDY	GDDY
GOHEALTH	GOCO
GOLDMAN SACHS GROUP	GS
GRACE (WR)	GRA
GRACO INC	GGG
GRAINGER (W W)	GWW
GRAND CANYON EDUCATION INC.	LOPE
GRAPHIC PACKAGING HOLDING	GPK
GROCERY OUTLET HOLDING	GO
GUARDANT HEALTH	GH
GUIDEWIRE SOFTWARE	GWRE
HAIN CELESTIAL	HAIN
HALLIBURTON	HAL
HANESBRANDS	HBI
HANOVER INSURANCE GP	THG
HARLEY-DAVIDSON	HOG

Company	Ticker
FNF GROUP	FNF
FOOT LOCKER INC	FL
FORD MOTOR COMPANY	F
HCA HEALTHCARE	HCA
HEALTHCARE TRUST OF AMERICA INC	HTA
HEALTHPEAK PROPERTIES INC	PEAK
HEICO CL A	HEI.A
HEICO CORP	HEI
HENRY (JACK) & ASSOCIATES	JKHY
HENRY SCHEIN	HSIC
HERBALIFE NUTRITION	HLF
HERSHEY COMPANY	HSY
HESS CORP.	HES
HEWLETT PACKARD ENTERPRISE	HPE
HEXCEL	HXL
HIGHWOODS PROP	HIW
HILL-ROM HOLDINGS	HRC
HILTON WORLDWIDE	HLT
HOLLYFRONTIER	HFC
HOLOGIC INC	HOLX
HOME DEPOT	HD
HONEYWELL INTERNATIONAL INCORPORATION	HON
HORIZON THERAPEUTICS PUBLIC LIMITED COMP	HZNP
HORMEL FOODS	HRL
HOST HOTELS & RESORTS	HST
HOWARD HUGHES	HHC
HOWMET AEROSPACE INC	HWM
HP	HPQ
HUBBELL	HUBB
HUBSPOT	HUBS
HUDSON PACIFIC PROPERTIES	HPP
HUMANA	HUM
HUNT (JB) TRANSPORT SERVICES	JBHT
HUNTINGTON BANCSHARES	HBAN
HUNTINGTON INGALLS INDUSTRIES	HII
HUNTSMAN	HUN
HYATT HOTELS	H
IAA	IAA
IAC INTERACTIVECORP	IAC
ICU MEDICAL	ICUI
IDACORP INC	IDA
IDEX CORP	IEX
IDEXX LABS	IDXX
IHS MARKIT	INFO
ILLINOIS TOOL WKS	ITW
ILLUMINA INC	ILMN
INCYTE	INCY
INGERSOLL-RAND INC	IR

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Company	Ticker
HARTFORD FINANCIAL SERVICES GROUP	HIG
HASBRO	HAS
HAWAIIAN ELECTRIC	HE
HAYWARD HOLDINGS	HAYW
INTERACTIVE BROKERS GROUP	IBKR
INTERCONTINENTAL EXCHANGE	ICE
INTERNATIONAL BUS MACHNS.	IBM
INTERNATIONAL PAPER	IP
INTERPUBLIC GROUP COS	IPG
INTL FLAVOURS & FRAGRANCES	IFF
INTUIT	INTU
INTUITIVE SURGICAL	ISRG
INVESCO LIMITED	IVZ
INVITATION HOMES	INVH
IONIS PHARMACEUTICALS	IONS
IOVANCE BIOTHERAPEUTICS	IOVA
IPG PHOTONICS	IPGP
IQVIA HOLDINGS	IQV
IRON MOUNTAIN	IRM
ITT INC.	ITT
J M SMUCKER	SJM
JABIL	JBL
JACOBS ENGINEERING GROUP	J
JAMF HOLDING	JAMF
JANUS HENDERSON GROUP	JHG
JAZZ PHARMACEUTICALS	JAZZ
JBG SMITH PROPERTIES	JBGS
JEFFERIES FINANCIAL GROUP	JEF
JETBLUE AIRWAYS CORP	JBLU
JOHNSON & JOHNSON	JNJ
JOHNSON CONTROLS INTERNATIONAL PLC	JCI
JONES LANG LASALLE	JLL
JPMORGAN CHASE & CO	JPM
JUNIPER NETWORKS	JNPR
KANSAS CITY SOUTHERN	KSU
KELLOGG	K
KEMPER CORP	KMPR
KEURIG DR PEPPER	KDP
KEYCORP	KEY
KEYSIGHT TECHNOLOGIES	KEYS
KILROY REALTY	KRC
KIMBERLY-CLARK	KMB
KIMCO REALTY CP	KIM
KINDER MORGAN	KMI
KIRBY CORP	KEX
KKR & CO INC	KKR
KLA CORPORATION	KLAC
KNIGHT-SWIFT TRANSPORTATION HOLDINGS	KNX

Company	Ticker
INGREDION	INGR
INSULET CORP.	PODD
INTEGRA LIFESCIENCES HOLDING	IART
INTEL CORP	INTC
LABORATORY CORP OF AMERICA	LH
LAM RESEARCH	LRCX
LAMAR ADVERTISING	LAMR
LAMB WESTON HOLDINGS	LW
LANDSTAR SYS	LSTR
LAS VEGAS SANDS	LVS
LAUDER (ESTEE)	EL
LAZARD CLASS A	LAZ
LEAR CORP	LEA
LEGGETT & PLATT	LEG
LEIDOS HOLDINGS	LDOS
LEMONADE	LMND
LENNAR CLASS A	LEN
LENNAR CORP. CL B	LEN.B
LENNOX INTL INC	LII
LESLIES	LESL
LIBERTY BROADBAND SERIES A	LBRDA
LIBERTY BROADBAND SERIES C	LBRDK
LIBERTY FORMULA ONE SERIES A	FWONA
LIBERTY FORMULA ONE SERIES C	FWONK
LIBERTY SIRIUSXM SERIES A	LSXMA
LIBERTY SIRIUSXM SERIES C	LSXMK
LIFE STORAGE	LSI
LILLY (ELI) & CO	LLY
LINCOLN ELECTRIC HOLDINGS	LECO
LINCOLN NATIONAL CORP	LNC
LITHIA MOTORS	LAD
LITTELFUSE	LFUS
LIVE NATION ENTERTAINMENT	LYV
LKQ	LKQ
LOCKHEED MARTIN CORP	LMT
LOEW'S	L
LOUISIANA-PACIFIC	LPX
LOWES COS INC	LOW
LPL FINANCIAL HOLDINGS	LPLA
LULULEMON ATHLETICA INC.	LULU
LUMEN TECHNOLOGIES INC	LUMN
LUMENTUM HOLDINGS	LITE
LYFT	LYFT
LYONDELLBASELL INDUSTRIES CL A	LYB
M&T BANK	MTB
MADISON SQUARE GARDEN SPORTS CORP	MSGS
MANHATTAN ASSOC	MANH
MANPOWERGROUP	MAN

Membership list

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Company	Ticker
KOHL'S CORP	KSS
KRAFT HEINZ	KHC
KROGER	KR
L BRANDS	LB
L3HARRIS TECHNOLOGIES	LHX
MARRIOTT INTERNATIONAL	MAR
MARRIOTT VACATIONS WORLDWIDE	VAC
MARSH & MCLENNAN	MMC
MARTIN MERIETTA MATERIALS	MLM
MARVELL TECHNOLOGY	MRVL
MASCO CORP	MAS
MASIMO	MASI
MASTEC INC	MTZ
MASTERCARD CL A	MA
MATCH GROUP	MTCH
MATTEL	MAT
MAXIM INTEGRATED PROD.	MXIM
MCAFEE	MCFE
MCCORMICK & CO	MKC
MCDONALDS CORP	MCD
MCKESSON	MCK
MDU RESOURCES	MDU
MEDALLIA	MDLA
MEDICAL PROPERTIES TRUST	MPW
MEDTRONIC PLC	MDT
MERCK & CO	MRK
MERCURY GENERAL	MCY
MERCURY SYSTEMS	MRCY
METLIFE	MET
METTLER-TOLEDO	MTD
MGIC INVESTMENT	MTG
MGM RESORTS INTERNATIONAL	MGM
MICROCHIP TECHNOLOGY	MCHP
MICRON TECHNOLOGY	MU
MICROSOFT CORP	MSFT
MID-AMERICA APARTMENT COMM	MAA
MIDDLEBY	MIDD
MIRATI THERAPEUTICS INC	MRTX
MKS INSTRUMENTS	MKSI
MODERNA	MRNA
MOHAWK INDUSTRIES	MHK
MOLINA HEALTHCARE	MOH
MOLSON COORS BEVERAGE COMPANY	TAP
MONDELEZ INTERNATIONAL INC.	MDLZ
MONGODB	MDB
MONOLITHIC POWER SYSTEMS	MPWR
MONSTER BEVERAGE	MNST
MOODYS CORPORATION	MCO

Company	Ticker
MARATHON OIL CORP	MRO
MARATHON PETROLEUM	MPC
MARAVAI LIFESCIENCES HOLDINGS	MRVI
MARKEL CORP	MKL
MARKETAXESS HOLDINGS	MKTX
MSCI	MSCI
NASDAQ	NDAQ
NATERA	NTRA
NATIONAL INSTRUMENTS	NATI
NATIONAL RETAIL PROPERTIES	NNN
NATL FUEL GAS CO	NFG
NCINO	NCNO
NCR CORP	NCR
NEKTAR THERAPEUTICS	NKTR
NETAPP	NTAP
NETFLIX INC	NFLX
NEUROCRINE BIOSCIENCES	NBIX
NEW FORTRESS ENERGY	NFE
NEW RELIC	NEWR
NEW RESIDENTIAL INVESTMENT CORP.	NRZ
NEW YORK COMMUNITY BANCORP	NYCB
NEW YORK TIMES CL A	NYT
NEWELL BRANDS	NWL
NEWMARKET	NEU
NEWMONT CORPORATION	NEM
NEWS CORPORATION CL A	NWSA
NEWS CORPORATION CL B	NWS
NEXSTAR MEDIA GROUP INC.	NXST
NEXTERA ENERGY INC	NEE
NIELSEN HOLDINGS	NLSN
NIKE INC CL B	NKE
NISOURCE	NI
NORDSON CP	NDSN
NORDSTROM	JWN
NORFOLK STHN CORP	NSC
NORTHERN TRUST	NTRS
NORTHROP GRUMMAN CORP	NOC
NORTONLIFELOCK INC	NLOK
NORWEGIAN CRUISE LINE	NCLH
NOV INC	NOV
NOVAVAX	NVAX
NOVOCURE	NVCR
NRG ENERGY	NRG
NUANCE COMMUNICATIONS	NUAN
NUCOR CORP	NUE
NUTANIX	NTNX
NVENT ELECTRIC	NVT
NVIDIA	NVDA

Membership list

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Company	Ticker
MORGAN STANLEY	MS
MORNINGSTAR INC.	MORN
MOSAIC COMPANY	MOS
MOTOROLA SOLUTIONS	MSI
MSA SAFETY	MSA
MSC INDUSTRIAL A	MSM
OKTA	OKTA
OLD DOMINION FREIGHT LINE	ODFL
OLD REPUBLIC INTL	ORI
OLIN CORP	OLN
OLLIE'S BARGAIN OUTLET HOLDINGS	OLLI
OMEGA HEALTHCARE INVESTORS	OHI
OMNICOM GROUP	OMC
ON SEMICONDUCTOR CORP	ON
ONEMAIN HOLDINGS	OMF
ONEOK INC	OKE
OPENDOOR TECHNOLOGIES INC (A)	OPEN
ORACLE CORP.	ORCL
ORGANON	OGN
OSHKOSH	OSK
OTIS WORLDWIDE	OTIS
OWENS CORNING	OC
PACCAR	PCAR
PACKAGING CORP OF AMERICA	PKG
PACWEST BANCORP	PACW
PALANTIR TECHNOLOGIES	PLTR
PALO ALTO NETWORKS	PANW
PARK HOTELS & RESORTS	PK
PARKER-HANNIFIN	PH
PAYCHEX	PAYX
PAYCOM SOFTWARE	PAYC
PAYLOCITY HOLDING	PCTY
PAYPAL HOLDINGS	PYPL
PAYSAFE LIMITED (A)	PSFE
PEGASYSTEMS INC	PEGA
PELOTON INTERACTIVE	PTON
PENN NATIONAL GAMING	PENN
PENSKE AUTOMOTIVE GROUP	PAG
PENTAIR PLC	PNR
PENUMBRA	PEN
PEOPLE'S UNITED FINANCIAL	PBCT
PEPSICO	PEP
PERKINELMER INC	PKI
PERRIGO COMPANY PLC	PRGO
PETCO HEALTH AND WELLNESS	WOOF
PFIZER	PFE
PG & E CORP.	PCG
PHILIP MORRIS INTERNATIONAL	PM

Company	Ticker
NVR INC	NVR
NXP SEMICONDUCTORS	NXPI
O REILLY AUTO	ORLY
OAK STREET HEALTH	OSH
OCCIDENTAL PETROLEUM	OXY
OGE ENERGY	OGE
PLAYTIKA HOLDING	PLTK
PLUG POWER INC	PLUG
PNC FINANCIAL SERVICES GROUP	PNC
POLARIS	PII
POOL	POOL
POPULAR INC	BPOP
POST HOLDINGS	POST
PPD	PPD
PPG INDUSTRIES	PPG
PPL CORPORATION	PPL
PRA HEALTH SCIENCES	PRAH
PREMIER INC	PINC
PRICE (T. ROWE) GROUP	TROW
PRIMERICA	PRI
PRINCIPAL FINANCIAL GROUP	PFG
PROCTER & GAMBLE	PG
PROGRESSIVE CORP	PGR
PROLOGIS	PLD
PROOFPOINT	PFPT
PROSPERITY BANCSHARES	PB
PRUDENTIAL FINANCIAL	PRU
PTC	PTC
PUBLIC STORAGE	PSA
PUBLIC SVC ENTERPRISE GROUP	PEG
PULTE GROUP	PHM
PURE STORAGE	PSTG
PVH CORP.	PVH
QIAGEN N.V.	QGEN
QORVO INC.	QRVO
QUALCOMM	QCOM
QUANTA SERVICES	PWR
QUANTUMSCAPE	QS
QUEST DIAGNOSTICS	DGX
QUIDEL CORP	QDEL
QURATE RETAIL	QRTEA
RALPH LAUREN CORP	RL
RAYMOND JAMES FINANCIAL	RJF
RAYONIER	RYN
RAYTHEON TECHNOLOGIES CORPORATION	RTX
REALTY INCOME	O
REGAL BELOIT	RBC
REGENCY CENTERS	REG

Membership list

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Company	Ticker
PHILLIPS 66	PSX
PILGRIM'S PRIDE CORP.	PPC
PINNACLE FINL	PNFP
PINNACLE WEST CAPITAL CORP	PNW
PINTEREST	PINS
PIONEER NATURAL RESOURCE	PXD
PLANET FITNESS	PLNT
RESMED INC	RMD
REXFORD INDUSTRIAL REALTY	REXR
REYNOLDS CONSUMER PRODUCTS	REYN
RH	RH
RINGCENTRAL	RNG
ROBERT HALF INTERNATIONAL	RHI
ROCKET COMPANIES	RKT
ROCKWELL AUTOMATION	ROK
ROKU	ROKU
ROLLINS INC	ROL
ROPER TECHNOLOGIES	ROP
ROSS STORES	ROST
ROYAL CARIBBEAN GROUP	RCL
ROYAL GOLD	RGLD
ROYALTY PHARMA	RPRX
RPM INC	RPM
RYDER SYSTEM	R
S&P GLOBAL	SPGI
SABRE CORP	SABR
SAGE THERAPEUTICS	SAGE
SALESFORCE.COM	CRM
SANTANDER CONSUMER USA HOLDINGS	SC
SAREPTA THERAPEUTICS	SRPT
SBA COMMUNICATIONS	SBAC
SCHLUMBERGER	SLB
SCHNEIDER NATIONAL CL B	SNDR
SCHWAB (CHARLES) CORP	SCHW
SCIENCE APPLICATIONS INTERNATIONAL CORPO	SAIC
SCOTTS MIRACLE-GRO	SMG
SEABOARD	SEB
SEAGEN INC	SGEN
SEALED AIR	SEE
SEI INVEST CO	SEIC
SEMPRA ENERGY	SRE
SENSATA TECHNOLOGIES HOLDING PLC	ST
SERVICE CORP INTL	SCI
SERVICENOW	NOW
SHERWIN-WILLIAMS	SHW
SHIFT4 PAYMENTS	FOUR
SHOALS TECHNOLOGIES GROUP	SHLS
SIGNATURE BANK	SBNY

Company	Ticker
REGENERON PHAR	REGN
REGIONS FINANCIAL	RF
REINSURANCE GROUP OF AMERICA	RGA
RELIANCE STEEL & ALUMINIUM	RS
RENAISSANCERE	RNR
REPLIGEN CORP	RGEN
REPUBLIC SERVICES	RSG
SKYWORKS SOLUTIONS INC	SWKS
SL GREEN REALTY	SLG
SLACK TECHNOLOGIES	WORK
SLM CORP	SLM
SMARTSHEET	SMAR
SMITH (AO)	AOS
SNAP-ON INC	SNA
SNOWFLAKE	SNOW
SOLARWINDS	SWI
SONOCO PRODUCTS	SON
SOTERA HEALTH	SHC
SOUTHERN CO	SO
SOUTHERN COPPER CORP.	SCCO
SOUTHWEST AIRLINES	LUV
SPECTRUM BRANDS HOLDINGS	SPB
SPIRIT AEROSYSTEMS HOLDINGS INC. CL A	SPR
SPIRIT REALTY CAPITAL	SRC
SPLUNK	SPLK
SPOTIFY TECHNOLOGY SA	SPOT
SQUARE CLASS A	SQ
SS&C TECHNOLOGIES HOLDINGS	SSNC
STANLEY BLACK & DECKER	SWK
STARBUCKS	SBUX
STARWOOD PROPERTY TRUST INC.	STWD
STATE STREET CORP.	STT
STEEL DYNAMICS	STLD
STERICYCLE INC	SRCL
STERIS PLC	STE
STERLING BANCORP	STL
STIFEL FIN CORP	SF
STONECO	STNE
STORE CAPITAL REIT	STOR
STRYKER	SYK
SUN COMMUNITIES	SUI
SUNRUN	RUN
SVB FINANCIAL GROUP	SIVB
SWITCH	SWCH
SYNCHRONY FINANCIAL	SYF
SYNEOS HEALTH	SYNH
SYNNEX	SNX
SYNOPSIS INC	SNPS

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Company	Ticker
SIGNIFY HEALTH	SGFY
SILGAN HLDG INC	SLGN
SIMON PROPERTY GROUP	SPG
SIRIUS XM HOLDINGS	SIRI
SITEONE LANDSCAPE SUPPLY	SITE
SIX FLAGS ENTERTAINMENT CORP.	SIX
SKECHERS USA CL A	SKX
SKILLZ INC (A)	SKLZ
TELADOC HEALTH	TDOC
TELEDYNE TECH	TDY
TELEFLEX INC	TFX
TEMPUR SEALY INTERNATIONAL	TPX
TERADATA	TDC
TERADYNE	TER
TERMINIX GLOBAL HOLDINGS INC	TMX
TESLA	TSLA
TEXAS INSTRUMENTS	TXN
TEXAS PACIFIC LAND CORPORATION	TPL
TEXTRON	TXT
TFS FINANCIAL	TFSL
THE AZEK COMPANY	AZEK
THE BLACKSTONE GROUP INC	BX
THE TRADE DESK	TTD
THERMO FISHER SCIENTIFIC	TMO
THOR INDUSTRIES	THO
TIMKEN CO	TKR
TJX COMPANIES	TJX
TOLL BROTHERS	TOL
TOPBUILD	BLD
TORO CO	TTC
TRACTOR SUPPLY	TSCO
TRADEWEB MARKETS	TW
TRANE TECHNOLOGIES PLC	TT
TRANSDIGM	TDG
TRANSUNION	TRU
TRAVEL PLUS LEISURE CO	TNL
TRAVELERS COS INC.	TRV
TREX COMPANY	TREX
TRIMBLE	TRMB
TRIPADVISOR	TRIP
TRUIST FINANCIAL CORPORATION	TFC
TUSIMPLE HOLDINGS	TSP
TWILIO	TWLO
TWITTER	TWTR
TYLER TECHNOLOGIES	TYL
TYSON FOODS INC A	TSN
UBER TECHNOLOGIES	UBER
UBIQUITI	UI

Company	Ticker
SYNOVUS FINANCIAL CORP	SNV
SYSCO CORP	SYI
TAKE-TWO INTERACTIVE SOFTWARE	TTWO
TANDEM DIABETES CARE	TNDM
TAPESTRY	TPR
TARGA RESOURCES CORP.	TRGP
TARGET CORP	TGT
T-MOBILE US INC.	TMUS
UNITED PARCEL SERVICE	UPS
UNITED RENTALS	URI
UNITED STATES STEEL CORP	X
UNITED THERAPEUTICS	UTHR
UNITEDHEALTH GROUP	UNH
UNITY SOFTWARE	U
UNIVAR SOLUTIONS INC	UNVR
UNIVERSAL DISPLAY CORP.	OLED
UNIVERSAL HEALTH SERVICES B	UHS
UNUM GROUP	UNM
UPSTART HOLDINGS	UPST
US BANCORP	USB
US FOODS HOLDING	USFD
UWM HOLDINGS CORPORATION (A)	UWMC
VAIL RESORTS	MTN
VALERO ENERGY	VLO
VALMONT INDS	VMI
VALVOLINE	VVV
VEEVA SYSTEMS	VEEV
VENTAS INC	VTR
VEREIT	VER
VERISIGN INC	VRSN
VERISK ANALYTICS	VRSK
VERIZON COMMUNICATIONS	VZ
VERTEX PHARM	VRTX
VERTIV HOLDINGS CO (A)	VRT
VF CORP	VFC
VIACOMCBS (A)	VIACA
VIACOMCBS (B)	VIAC
VIASAT	VSAT
VIATRIS	VTRS
VICI PROPERTIES	VICI
VIMEO	VMEG
VIRGIN GALACTIC HOLDINGS (A)	SPCE
VIRTU FINANCIAL	VIRT
VISA	V
VISTRA CORP	VST
VMWARE INC.	VMW
VONTIER	VNT
VORNADO REALTY	VNO

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Company	Ticker
UDR	UDR
UGI CORP HLDS	UGI
ULTA BEAUTY	ULTA
ULTRAGENYX PHARMACEUTICAL	RARE
UMPQUA HLDGS CP	UMPQ
UNDER ARMOUR CLASS A	UAA
UNDER ARMOUR CLASS C	UA
UNION PACIFIC CORP	UNP
UNITED AIRLINES HOLDINGS INC	UAL
WATSCO INC	WSO
WAYFAIR	W
WEBSTER FINANCIAL	WBS
WEC ENERGY GROUP	WEC
WEINGARTEN REALTY INVESTORS	WRI
WELLS FARGO & COMPANY	WFC
WELLTOWER INC.	WELL
WENDYS COMPANY	WEN
WEST PHARM SVCS	WST
WESTERN ALLIANCE BANCORP	WAL
WESTERN DIGITAL	WDC
WESTERN UNION	WU
WESTLAKE CHEMICAL	WLK
WESTROCK COMPANY	WRK
WEX	WEX
WEYERHAEUSER	WY
WHIRLPOOL CORP	WHR
WHITE MOUNTAINS INSURANCE	WTM
WILLIAMS COS	WMB
WILLIAMS SONOMA	WSM
WILLIS TOWERS WATSON PLC	WLTW
WINTRUST FINANCIAL CORP	WTFC
WIX.COM	WIX
WOODWARD	WWD
WORKDAY	WDAY
WWF ENTMNT	WWE
WYNDHAM HOTELS & RESORTS	WH
WYNN RESORTS	WYNN
XCEL ENERGY	XEL
XEROX HOLDINGS	XRX
XILINX	XLNX
XPO LOGISTICS	XPO
XYLEM INC.	XYL
YETI HOLDINGS	YETI
YUM BRANDS	YUM
YUM CHINA HOLDINGS	YUMC
ZEBRA TECHNOLOGIES	ZBRA
ZENDESK	ZEN
ZILLOW GROUP	ZG

Company	Ticker
VOYA FINANCIAL	VOYA
VROOM	VRM
VULCAN MATERIALS	VMC
W. P. CAREY INC.	WPC
WABTEC	WAB
WALGREENS BOOTS ALLIANCE	WBA
WALMART	WMT
WASTE MGMT INC	WM
WATERS CORP	WAT

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Company	Ticker
ZILLOW GROUP CL C	Z
ZIMMER BIOMET HOLDINGS	ZBH
ZIONS BANCORPORATION N.A.	ZION
ZOETIS	ZTS
ZOOM VIDEO COMMUNICATIONS	ZM
ZSCALER	ZS
ZYNGA	ZNGA

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