

Dow Jones Industrial Average

Company Name	Code	Company Name	Code
Apple Inc.	AAPL	Pfizer Inc.	PFE
American Express Company	AXP	The Procter & Gamble Company	PG
The Boeing Company	BA	The Travelers Companies, Inc.	TRV
Caterpillar Inc.	CAT	UnitedHealth Group Incorporated	UNH
Cisco Systems, Inc.	CSCO	United Technologies Corporation	UTX
Chevron Corporation	CVX	Visa Inc.	V
E. I. du Pont de Nemours and Company	DD	Verizon Communications Inc.	VZ
The Walt Disney Company	DIS	Wal-Mart Stores Inc.	WMT
General Electric Company	GE	Exxon Mobil Corporation	XOM
The Goldman Sachs Group, Inc.	GS		
The Home Depot, Inc.	HD		
International Business Machines Corporation	IBM		
Intel Corporation	INTC		
Johnson & Johnson	JNC		
JPMorgan Chase & Co.	JPM		
The Coca-Cola Company	O		
McDonald's Corp.	MCD		
3M Company	MMM		
Merck & Co. Inc.	MRK		
Microsoft Corporation	MSFT		
NIKE, Inc.	NKE		

NASDAQ 100 Index

Company Name	Code	Company Name	Code
American Airlines Group Inc.	AAL	Dish Network Corp.	DISH
Apple Inc.	AAPL	Dollar Tree, Inc.	DLTR
Adobe Systems Incorporated	ADBE	Electronic Arts Inc.	EA
Analog Devices, Inc.	ADI	eBay Inc.	EBAY
Automatic Data Processing, Inc.	ADP	Express Scripts Holding Company	ESRX
Autodesk, Inc.	ADSK	Expeditors International of Washington Inc.	EXPD
Akamai Technologies, Inc.	AKAM	Fastenal Company	FAST
Alexion Pharmaceuticals, Inc.	ALXN	Facebook, Inc.	FB
Applied Materials, Inc.	AMAT	Fiserv, Inc.	FISV
Amgen Inc.	AMGN	Twenty-First Century Fox, Inc.	FOX
Amazon.com, Inc.	AMZN	Twenty-First Century Fox, Inc.	FOXA
Activision Blizzard, Inc.	ATVI	Gilead Sciences Inc.	GILD
Avago Technologies Limited	AVGO	Keurig Green Mountain, Inc.	GMCR
Bed Bath & Beyond Inc.	BBBY	Alphabet Inc.	GOOG
Baidu, Inc.	BIDU	Alphabet Inc.	GOOGL
Biogen Inc.	BIIB	Garmin Ltd.	GRMN
BioMarin Pharmaceutical Inc.	BMRN	Henry Schein, Inc.	HSIC
CA, Inc.	CA	Illumina Inc.	ILMN
Celgene Corporation	CELG	Incyte Corporation	INCY
Cerner Corporation	CERN	Intel Corporation	INTC
Check Point Software Technologies Ltd.	CHKP	Intuit Inc.	INTU
CH Robinson Worldwide Inc.	CHRW	Intuitive Surgical, Inc.	ISRG
Charter Communications, Inc.	CHTR	JD.com, Inc.	JD
Comcast Corporation	CMCSA	The Kraft Heinz Company	KHC
Costco Wholesale Corporation	COST	KLA-Tencor Corporation	KLAC
Cisco Systems, Inc.	CSCO	Liberty Global plc	LBTYA
Cognizant Technology Solutions Corporation	CTSH	Liberty Global plc	LBTYK
Citrix Systems, Inc.	CTXS	Liberty LiLAC Group	LILA
Discovery Communications, Inc.	DISCA	Liberty LiLAC Group	LILAK

NASDAQ 100 Index

Company Name	Code	Company Name	Code
Liberty Media Corporation	LMCA	Seagate Technology Public Limited Company	STX
Liberty Media Corporation	LMCK	Skyworks Solutions Inc.	SWKS
Lam Research Corporation	LRCX	Symantec Corporation	SYMC
Liberty Ventures	LVNTA	TripAdvisor Inc.	TRIP
Marriott International, Inc.	MAR	Tractor Supply Company	TSCO
Mattel, Inc.	MAT	Tesla Motors, Inc.	TSLA
Mondelez International, Inc.	MDLZ	Texas Instruments Inc.	TXN
Monster Beverage Corporation	MNST	Viacom, Inc.	VIAB
Microsoft Corporation	MSFT	VimpelCom Ltd.	VIP
Micron Technology, Inc.	MU	Vodafone Group Plc	VOD
Mylan N.V.	MYL	Verisk Analytics, Inc.	VRSK
Netflix, Inc. Net	NFLX	Vertex Pharmaceuticals Incorporated	VRTX
App, Inc.	NTAP	Walgreens Boots Alliance, Inc.	WBA
NVIDIA Corporation	NVDA	Western Digital Corporation	WDC
NXP Semiconductors	NXPI	Whole Foods Market, Inc.	WFM
NV O'Reilly Automotive Inc.	ORLY	Wynn Resorts Ltd.	WYNN
Paychex, Inc.	PAYX	Xilinx Inc.	XLNX
PACCAR Inc.	PCAR	Yahoo! Inc.	YHOO
The Priceline Group Inc	PCLN		
PayPal Holdings, Inc.	PYPL		
QUALCOMM Incorporated	QCOM		
Liberty Interactive Corporation	QVCA		
Regeneron Pharmaceuticals, Inc.	REGN		
Ross Stores Inc.	ROST		
SBA Communications Corp.	SBAC		
Starbucks Corporation	SBUX		
Sirius XM Holdings Inc.	SIRI		
SanDisk Corp.	SNDK		
Staples, Inc.	SPLS		

S&P 500 INDEX,RTH

Company Name	Code	Company Name	Code
3M Co	MMM	Amazon.com Inc	AMZN
ACE Limited	ACE	Ameren Corp	AEE
AES Corp	AES	American Airlines Group Inc.	AAL
AFLAC Inc	AFL	American Electric Power	AEP
AGL Resources	GAS	American Express Co	AXP
AMETEK Inc	AME	American Intl Group Inc	AIG
AT&T Inc	T	American Tower Corp A	AMT
AbbVie Inc.	ABBV	Ameriprise Financial Inc	AMP
Abbott Laboratories	ABT	AmerisourceBergen Corp	ABC
Accenture plc	ACN	Amgen Inc	AMGN
Activision Blizzard Inc	ATVI	Amphenol Corp A	APH
Adobe Systems Inc	ADBE	Anadarko Petroleum Corp	APC
Advance Auto Parts Inc	AAP	Analog Devices Inc	ADI
Aetna Inc	AET	Anthem Inc	ANTM
Affiliated Managers Grp	AMG	Aon plc	AON
Agilent Technologies Inc	A	Apache Corp	APA
Air Products & Chemicals Inc	APD	Apartment Investment & Mgmt	AIV
Airgas Inc	ARG	Apple Inc.	AAPL
Akamai Technologies Inc	AKAM	Applied Materials Inc	AMAT
Alcoa Inc	AA	Archer-Daniels-Midland Co	ADM
Alexion Pharmaceuticals Inc	ALXN	Assurant Inc	AIZ
Allegion plc	ALLE	AutoNation Inc	AN
Allergan plc	AGN	AutoZone Inc	AZO
Alliance Data Systems Corp	ADS	Autodesk Inc	ADSK
Allstate Corp	ALL	Automatic Data Processing	ADP
Alphabet Inc A	GOOGL	Avago Technologies Ltd	AVGO
Alphabet Inc C	GOOG	AvalonBay Communities Inc	AVB
Altera Corp	ALTR	Avery Dennison Corp	AVY
Altria Group Inc	MO	BB&T Corp	BBT

S&P 500 INDEX,RTH

Company Name	Code	Company Name	Code
Baker Hughes Inc	BHI	CSX Corp	CSX
Ball Corp	BLL	CVS Health Corporation	CVS
Bank of America Corp	BAC	Cablevision Systems Co A	CVC
Bard C.R. Inc	BCR	Cabot Oil & Gas A	COG
Baxalta Inc	BXLT	Cameron International Corp	CAM
Baxter Intl Inc	BAX	Campbell Soup Co	CPB
Becton Dickinson & Co	BDX	Capital One Financial	COF
Bed Bath & Beyond Inc	BBBY	Cardinal Health Inc	CAH
Berkshire Hathaway B	BRK.B	Carmax Inc	KMX
Best Buy Co Inc	BBY	Carnival Corp	CCL
Biogen Inc	BIIB	Caterpillar Inc	CAT
BlackRock Inc	BLK	Celgene Corp	CELG
Block H & R Inc	HRB	Centerpoint Energy Inc	CNP
Boeing Co	BA	CenturyLink Inc	CTL
Borgwarner Inc	BWA	Cerner Corp	CERN
Boston Properties Inc	BXP	Chesapeake Energy Corp	CHK
Boston Scientific Corp	BSX	Chevron Corp	CVX
Bristol-Myers Squibb	BMY	Chipotle Mexican Grill Inc.	CMG
Broadcom Corp A	BRCM	Chubb Corp	CB
Brown-Forman Corp B	BF.B	Cigna Corporation	CI
CA Inc	CA	Cimarex Energy Co	XEC
CBRE Group Inc.	CBG	Cincinnati Financial Corp	CINF
CBS Corp B	CBS	Cintas Corp	CTAS
CF Industries Holdings	CF	Cisco Systems Inc	CSCO
CH Robinson Worldwide Inc	CHRW	Citigroup Inc	C
CME Group Inc	CME	Citrix Systems Inc	CTXS
CMS Energy Corp	CMS	Clorox Co	CLX
CONSOL Energy Inc	CNX	Coach Inc	COH
CSRA Inc	CSRA	Coca-Cola Co	KO

S&P 500 INDEX,RTH

Company Name	Code	Company Name	Code
Coca-Cola Enterprises	CCE	Dollar General Corp	DG
Cognizant Tech Solutions Corp	CTSH	Dollar Tree Inc	DLTR
Colgate-Palmolive Co	CL	Dominion Resources Inc	D
Columbia Pipeline Group	CPGX	Dover Corp	DOV
Comcast Corp A	CMCSA	Dow Chemical	DOW
Comcast Corp A Spl	CMCSK	Dr Pepper Snapple Group	DPS
Comerica Inc (MI)	CMA	Duke Energy Corp	DUK
Computer Sciences	CSC	Dun & Bradstreet Corp	DNB
ConAgra Foods Inc	CAG	E*TRADE Financial Corp	ETFC
ConocoPhillips	COP	E. I. du Pont de Nemours and Company	DD
Consolidated Edison Inc	ED	EMC Corp	EMC
Constellation Brands Inc A	STZ	EOG Resources	EOG
Corning Inc	GLW	EQT Corporation	EQT
Costco Wholesale Corp	COST	Eastman Chemical Co	EMN
Crown Castle Intl Corp	CCI	Eaton Corp plc	ETN
Cummins Inc	CMI	Ecolab Inc	ECL
DTE Energy Co	DTE	Edison Intl	EIX
DaVita HealthCare Partners Inc	DVA	Edwards Lifesciences Corp	EW
Danaher Corp	DHR	Electronic Arts	EA
Darden Restaurants Inc	DRI	Emerson Electric Co	EMR
Deere & Co	DE	Endo International plc	ENDP
Delphi Automotive PLC	DLPH	Ensco PLC - CL A	ESV
Delta Air Lines	DAL	Entergy Corp	ETR
Dentsply Intl	XRAY	Equifax Inc	EFX
Devon Energy Corp	DVN	Equinix Inc	EQIX
Diamond Offshore Drilling	DO	Equity Residential	EQR
Discover Financial Services	DFS	Essex Property Trust	ESS
Discovery Communications Inc A	DISCA	Estee Lauder Cos.	EL
Discovery Communications Inc C	DISCK	Eversource Energy	ES

S&P 500 INDEX,RTH

Company Name	Code	Company Name	Code
Exelon Corp	EXC	General Growth Properties Inc	GGP
Expedia	EXPE	General Mills Inc	GIS
Expeditors Intl of WA Inc	EXPD	General Motors Company	GM
Express Scripts Holding Co.	ESRX	Genuine Parts Co	GPC
Exxon Mobil Corp	XOM	Gilead Sciences Inc	GILD
F5 Networks Inc	FFIV	Goldman Sachs Group Inc	GS
FLIR Systems Inc	FLIR	Goodyear Tire & Rubber Co	GT
FMC Corp	FMC	Grainger W.W. Inc	GWW
FMC Technologies Inc	FTI	HCA Holdings Inc	HCA
Facebook Inc	FB	HCP Inc	HCP
Fastenal Co	FAST	HP Inc	HPQ
FedEx Corp	FDX	Halliburton Co	HAL
Fidelity National Information	FIS	Hanesbrands Inc	HBI
Fifth Third Bancorp (OH)	FITB	Harley-Davidson Inc	HOG
First Solar Inc	FSLR	Harman Intl Industries Inc	HAR
FirstEnergy Corp	FE	Harris Corp	HRS
Fiserv Inc	FISV	Hartford Finl Services Group	HIG
Flowserve Corp	FLS	Hasbro Inc	HAS
Fluor Corp	FLR	Helmerich & Payne Inc	HP
Ford Motor Co	F	Hershey Foods Corp	HSY
Fossil Group Inc	FOSL	Hess Corp	HES
Franklin Resources Inc	BEN	Hewlett Packard Enterprise Co	HPE
Freeport-McMoRan Inc	FCX	Home Depot Inc	HD
Frontier Communications Corp	FTR	Honeywell Intl Inc	HON
GameStop Corp A	GME	Hormel Foods Corp	HRL
Gap Inc	GPS	Horton D.R. Inc	DHI
Garmin Ltd	GRMN	Host Hotels & Resorts Inc	HST
General Dynamics	GD	Humana Inc	HUM
General Electric Co	GE	Hunt J.B. Transport Services	JBHT

S&P 500 INDEX,RTH

Company Name	Code	Company Name	Code
Huntington Bancshares (OH)	HBAN	L Brands Inc	LB
Illinois Tool Works Inc	ITW	L-3 Communications Holdings	LLL
Illumina Inc	ILMN	Lab Corp of America Hldgs	LH
Ingersoll-Rand Plc	IR	Lam Research Corp	LRCX
Intel Corp	INTC	Legg Mason Inc	LM
Intercontinental Exchange Inc	ICE	Leggett & Platt	LEG
Interpublic Group Cos	IPG	Lennar Corp	LEN
Intl Business Machines Corp	IBM	Leucadia National Corp (NY)	LUK
Intl Flavors & Fragrances	IFF	Level 3 Communications	LVLT
Intl Paper Co	IP	Lilly Eli & Co	LLY
Intuit Inc	INTU	Lincoln National Corp	LNC
Intuitive Surgical Inc	ISRG	Linear Technology Corp	LLTC
Invesco Ltd	IVZ	Lockheed Martin	LMT
Iron Mountain Inc	IRM	Loews Corp	L
JP Morgan Chase & Co	JPM	Lowe's Cos Inc	LOW
Jacobs Engineering Group Inc	JEC	LyondellBasell Industries N.V.	LYB
Johnson & Johnson	JNJ	M&T Bank Corp	MTB
Johnson Controls Inc	JCI	Macerich Co	MAC
Juniper Networks Inc	JNPR	Macy's Inc	M
KLA-Tencor Corporation	KLAC	Mallinckrodt plc	MNK
Kansas City Southern Inc	KSU	Marathon Oil Corp	MRO
Kellogg Co	K	Marathon Petroleum Corp.	MPC
Keurig Green Mountain Inc	GMCR	Marriott Intl A	MAR
KeyCorp	KEY	Marsh & McLennan Companies	MMC
Kimberly-Clark	KMB	Horton D.R. Inc	MLM
Kimco Realty Corp	KIM	Host Hotels & Resorts Inc	MAS
Kinder Morgan Inc	KMI	Humana Inc	MA
Kohl's Corp	KSS	Hunt J.B. Transport Services	MAT
Kroger Co	KR	Huntington Bancshares (OH)	MKC

S&P 500 INDEX, RTH

Company Name	Code	Company Name	Code
Illinois Tool Works Inc	MCD	Newell Rubbermaid Inc	NWL
Illumina Inc	MHFI	Newfield Exploration Co	NFX
Ingersoll-Rand Plc	MCK	Newmont Mining Corp	NEM
Intel Corp	MJN	News Corp A	NWSA
Intercontinental Exchange Inc	MDT	News Corp B	NWS
Interpublic Group Cos	MRK	NextEra Energy Inc	NEE
Intl Business Machines Corp	MET	Nielsen Holdings plc	NLSN
Intl Flavors & Fragrances	KORS	Nisource Inc	NI
Intl Paper Co	MCHP	Noble Energy Inc	NBL
Intuit Inc	MU	Nordstrom Inc	JWN
Intuitive Surgical Inc	MSFT	Norfolk Southern Corp	NSC
Invesco Ltd	MHK	Northern Trust Corp (IL)	NTRS
Iron Mountain Inc	TAP	Northrop Grumman Corp	NOC
JP Morgan Chase & Co	MDLZ	Nucor Corp	NUE
Monsanto Co.	MON	Nvidia Corp	NVDA
Monster Beverage Corp New	MNST	O'Reilly Automotive	ORLY
Moody's Corp	MCO	ONEOK Inc	OKE
Morgan Stanley	MS	Occidental Petroleum	OXY
Mosaic Co	MOS	Omnicom Group	OMC
Motorola Solutions Inc	MSI	Oracle Corp	ORCL
Murphy Oil Corp	MUR	Owens-Illinois Inc	OI
Mylan NV	MYL	PACCAR Inc	PCAR
NIKE Inc B	NKE	PG&E Corporation	PCG
NRG Energy	NRG	PNC Finl Services Group	PNC
Nasdaq Inc	NDAQ	PPG Industries Inc	PPG
National Oilwell Varco Inc	NOV	PPL Corp	PPL
Navient Corp	NAVI	PVH Corp	PVH
NetApp Inc	NTAP	Parker-Hannifin Corp	PH
NetFlix Inc	NFLX	Patterson Cos Inc	PDCO

S&P 500 INDEX,RTH

Company Name	Code	Company Name	Code
PayPal Holdings Inc.	PYPL	Ralph Lauren Corp	RL
Paychex Inc	PAYX	Range Resources Corp	RRC
Pentair PLC	PNR	Raytheon Co	RTN
People's United Financial Inc	PBCT	Realty Income Corp	O
Pepco Holdings Inc	POM	Red Hat Inc	RHT
PepsiCo Inc	PEP	Regeneron Pharmaceuticals Inc	REGN
PerkinElmer Inc	PKI	Regions Financial Corp	RF
Perrigo Company plc	PRGO	Republic Services Inc	RSG
Pfizer Inc	PFE	Reynolds American Inc	RAI
Philip Morris International	PM	Robert Half Intl Inc	RHI
Phillips 66	PSX	Rockwell Automation Inc	ROK
Pinnacle West Capital (AZ)	PNW	Rockwell Collins	COL
Pioneer Natural Resources	PXD	Roper Technologies, Inc	ROP
Pitney Bowes Inc	PBI	Ross Stores Inc	ROST
Plum Creek Timber Co	PCL	Royal Caribbean Cruises Ltd	RCL
Praxair Inc	PX	Ryder System Inc	R
Precision Castparts Corp	PCP	SCANA Corp	SCG
Principal Financial Group	PFG	SL Green Realty Corp	SLG
ProLogis Inc	PLD	Salesforce.com	CRM
Procter & Gamble	PG	SanDisk Corp	SNDK
Progressive Corp	PGR	Schein Henry Inc	HSIC
Prudential Financial Inc	PRU	Schlumberger Ltd	SLB
Public Service Enterprise Grp	PEG	Schwab Charles Corp	SCHW
Public Storage	PSA	Scripps Networks Interactive	SNI
Pulte Group Inc	PHM	Seagate Technology	STX
QUALCOMM Inc	QCOM	Sealed Air Corp	SEE
Qorvo, Inc	QRVO	Sempra Energy	SRE
Quanta Services Inc	PWR	Sherwin-Williams Co	SHW
Quest Diagnostics	DGX	Signet Jewellers Ltd	SIG

S&P 500 INDEX,RTH

Company Name	Code	Company Name	Code
Simon Property Group	SPG	Texas Instruments Inc	TXN
Skyworks Solutions Inc	SWKS	Textron Inc	TXT
Smucker J.M. Co	SJM	The ADT Corp.	ADT
Snap On Inc	SNA	The Bank of New York Mellon Corp	BK
Southern Co	SO	The Kraft Heinz Company	KHC
Southwest Airlines Co	LUV	The Priceline Group Inc	PCLN
Southwestern Energy Co	SWN	The Williams Companies Inc	WMB
Spectra Energy Corp	SE	Thermo Fisher Scientific	TMO
St Jude Medical Inc	STJ	Tiffany & Co	TIF
Stanley Black & Decker	SWK	Time Warner Cable Inc	TWC
Staples Inc	SPLS	Time Warner Inc	TWX
Starbucks Corp	SBUX	Torchmark Corp	TMK
Starwood Hotel & Resort World	HOT	Total System Services Inc	TSS
State Street Corp	STT	Tractor Supply Co	TSCO
Stericycle Inc	SRCL	Transocean Ltd	RIG
Stryker Corp	SYK	Travelers Cos Inc	TRV
SunTrust Banks Inc (GA)	STI	TripAdvisor Inc.	TRIP
Symantec Corp	SYMC	Twenty-First Century Fox Inc A	FOXA
Synchrony Financial	SYF	Twenty-First Century Fox Inc B	FOX
Sysco Corp	SY	Tyco Intl	TYC
T Rowe Price Group Inc	TROW	Tyson Foods Inc A	TSN
TE Connectivity Ltd.	TEL	US Bancorp	USB
TECO Energy Inc	TE	Under Armour Inc A	UA
TEGNA Inc	TGNA	Union Pacific Corp	UNP
TJX Cos Inc	TJX	United Continental Holding Inc	UAL
Target Corp	TGT	United Parcel Service Inc B	UPS
Tenet Healthcare	THC	United Rentals Inc	URI
Teradata Corp	TDC	United Technologies Corp	UTX
Tesoro Corp	TSO	United Health Group Inc	UNH

S&P 500 INDEX,RTH

Company Name	Code	Company Name	Code
Universal Health Services B	UHS	Wyndham Worldwide Corp	WYN
Unum Group	UNM	Wynn Resorts Ltd	WYNN
Urban Outfitters	URBN	XL Group Plc	XL
VF Corp	VFC	Xcel Energy Inc	XEL
Valero Energy Corp	VLO	Xerox Corp	XRX
Varian Medical Systems Inc	VAR	Xilinx Inc	XLNX
Ventas Inc	VTR	Xylem Inc	XYL
VeriSign Inc	VRSN	Yahoo Inc	YHOO
Verisk Analytics Inc	VRSK	Yum! Brands Inc	YUM
Verizon Communications Inc	VZ	Zimmer Biomet Holdings Inc	ZBH
Vertex Pharmaceuticals Inc	VRTX	Zions Bancorp (UT)	ZION
Viacom Inc B	VIAB	Zoetis Inc	ZTS
Visa Inc	V	eBay Inc.	EBAY
Vornado Realty Trust	VNO		
Vulcan Materials Co	VMC		
WEC Energy Group Inc	WEC		
Wal-Mart Stores	WMT		
Walgreens Boots Alliance Inc	WBA		
Walt Disney Co	DIS		
Waste Management Inc	WM		
Waters Corp	WAT		
Wells Fargo & Co	WFC		
Welltower Inc	HCN		
WestRock Co	WRK		
Western Digital Corp	WDC		
Western Union Co	WU		
Weyerhaeuser Co	WY		
Whirlpool Corp	WHR		
Whole Foods Market Inc	WFM		