List of S&P 500 companies

The <u>S&P 500</u> stock market index, maintained by <u>S&P Dow Jones Indices</u>, comprises <u>505</u> common stocks issued by <u>500</u> large-cap companies and traded on American stock exchanges, and covers about 80 percent of the American equity market by capitalization. The index is weighted by free-float market capitalization, so more valuable companies account for relatively more of the index. The index constituents and the constituent weights are updated regularly using rules published by S&P Dow Jones Indices. Although the index is called the S&P "500", the index contains 505 stocks because it includes two share classes of stock from 5 of its component companies. [1][2]

Contents

S&P 500 Component Stocks^[3]

Recent changes to the list of S&P 500 Components

See also

External links

References

S&P 500 Component Stocks^[3]

Ticker symbol	Security	SEC filings	GICS Sector	GICS Sub Industry	Address of Headquarters	Date first added	CIK
MMM (https://www.nyse.com/quote/ XXXX:MMM)	3M Company	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MMM&action=getcompany)	Industrials	Industrial Conglomerates	St. Paul, Minnesota		0000066740
ABT (https://www.nyse.com/quote/ XXXX:ABT)	Abbott Laboratories	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ABT&action=getcompany)	Health Care	Health Care Equipment	North Chicago, Illinois	1964-03-31	0000001800
ABBV (https://www.nyse.com/quot e/XXXX:ABBV)	AbbVie Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ABBV&action=getcompany)	Health Care	Pharmaceuticals	North Chicago, Illinois	2012-12-31	0001551152
ACN (https://www.nyse.com/quote/ XXXX:ACN)	Accenture plc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ACN&action=getcompany)	Information Technology	IT Consulting & Other Services	Dublin, Ireland	2011-07-06	0001467373
ATVI (http://www.nasdaq.com/symbol/atvi)	Activision Blizzard	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ATVI&action=getcompany)	Information Technology	Home Entertainment Software	Santa Monica, California	2015-08-31	0000718877
AYI (https://www.nyse.com/quote/X XXX:AYI)	Acuity Brands Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AYI&action=getcompany)	Industrials	Electrical Components & Equipment	Atlanta, Georgia	2016-05-03	0001144215
ADBE (http://www.nasdaq.com/symbol/adbe)	Adobe Systems Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ADBE&action=getcompany)	Information Technology	Application Software	San Jose, California	1997-05-05	0000796343
AMD (http://www.nasdaq.com/symbol/amd)	Advanced Micro Devices Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AMD&action=getcompany)	Information Technology	Semiconductors	Sunnyvale, California	2017-03-20	0000002488
AAP (https://www.nyse.com/quote/ XXXX:AAP)	Advance Auto Parts	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AAP&action=getcompany)	Consumer Discretionary	Automotive Retail	Roanoke, Virginia	2015-07-09	0001158449
AES (https://www.nyse.com/quote/ XXXX:AES)	AES Corp	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AES&action=getcompany)	Utilities	Independent Power Producers & Energy Traders	Arlington, Virginia		0000874761
AET (https://www.nyse.com/quote/ XXXX:AET)	Aetna Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AET&action=getcompany)	Health Care	Managed Health Care	Hartford, Connecticut	1976-06-30	0001122304
AMG (https://www.nyse.com/quote/ XXXX:AMG)	Affiliated Managers Group Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AMG&action=getcompany)	Financials	Asset Management & Custody Banks	Beverly, Massachusetts	2014-07-01	0001004434
AFL (https://www.nyse.com/quote/X XXX:AFL)	AFLAC Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AFL&action=getcompany)	Financials	Life & Health Insurance	Columbus, Georgia		0000004977
A (https://www.nyse.com/quote/XX XX:A)	Agilent Technologies Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=A&action=getcompany)	Health Care	Health Care Equipment	Santa Clara, California	2000-06-05	0001090872
APD (https://www.nyse.com/quote/ XXXX:APD)	Air Products & Chemicals Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=APD&action=getcompany)	Materials	Industrial Gases	Allentown, Pennsylvania	1985-04-30	0000002969
AKAM (http://www.nasdaq.com/symbol/akam)	Akamai Technologies Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AKAM&action=getcompany)	Information Technology	Internet Software & Services	Cambridge, Massachusetts	2007-07-12	0001086222
ALK (https://www.nyse.com/quote/X XXX:ALK)	Alaska Air Group Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ALK&action=getcompany)	Industrials	Airlines	Seattle, Washington	2016-05-13	0000766421
ALB (https://www.nyse.com/quote/X XXX:ALB)	Albemarle Corp	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ALB&action=getcompany)	Materials	Specialty Chemicals	Baton Rouge, Louisiana	2016-07-01	0000915913
ARE (https://www.nyse.com/quote/ XXXX:ARE)	Alexandria Real Estate Equities Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ARE&action=getcompany)	Real Estate	Office REITs	Pasadena, California	2017-03-20	0001035443
ALXN (http://www.nasdaq.com/symbol/alxn)	Alexion Pharmaceuticals	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ALXN&action=getcompany)	Health Care	Biotechnology	Cheshire, Connecticut	2012-05-25	0000899866
ALGN (http://www.nasdaq.com/symbol/algn)	Align Technology	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ALGN&action=getcompany)	Health Care	Health Care Supplies	San Jose, California	2017-06-19	0001097149
ALLE (https://www.nyse.com/quote/ XXXX:ALLE)	Allegion	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ALLE&action=getcompany)	Industrials	Building Products	Dublin, Ireland	2013-12-02	0001579241
AGN (https://www.nyse.com/quote/ XXXX:AGN)	Allergan, Plc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AGN&action=getcompany)	Health Care	Pharmaceuticals	Dublin, Ireland		0000884629
ADS (https://www.nyse.com/quote/ XXXX:ADS)	Alliance Data Systems	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ADS&action=getcompany)	Information Technology	Data Processing & Outsourced Services	Plano, Texas	2013-12-23	0001101215
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Ticker symbol	Security	SEC filings	GICS Sector	GICS Sub Industry	Address of Headquarters	Date first added	CIK
LNT (https://www.nyse.com/quote/X XXX:LNT)	Alliant Energy Corp	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=LNT&action=getcompany)	Utilities	Electric Utilities	Madison, Wisconsin	2016-07-01	0000352541
ALL (https://www.nyse.com/quote/X XXX:ALL)	Allstate Corp	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ALL&action=getcompany)	Financials	Property & Casualty Insurance	Northfield Township, Illinois		0000899051
GOOGL (http://www.nasdaq.com/sy mbol/googl)	Alphabet Inc Class A	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=GOOGL&action=getcompany)	Information Technology	Internet Software & Services	Mountain View, California	2014-04-03	0001652044
GOOG (http://www.nasdaq.com/symbol/goog)	Alphabet Inc Class C	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=GOOG&action=getcompany)	Information Technology	Internet Software & Services	Mountain View, California		0001652044
MO (https://www.nyse.com/quote/X XXX:MO)	Altria Group Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MO&action=getcompany)	Consumer Staples	Tobacco	Richmond, Virginia		0000764180
AMZN (http://www.nasdaq.com/symbol/amzn)	Amazon.com Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AMZN&action=getcompany)	Consumer Discretionary	Internet & Direct Marketing Retail	Seattle, Washington	2005-11-18	0001018724
AEE (https://www.nyse.com/quote/ XXXX:AEE)	Ameren Corp	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AEE&action=getcompany)	Utilities	Multi-Utilities	St. Louis, Missouri	1991-09-19	0001002910
AAL (http://www.nasdaq.com/symbol/aal)	American Airlines Group	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AAL&action=getcompany)	Industrials	Airlines	Fort Worth, Texas	2015-03-23	0000006201
AEP (https://www.nyse.com/quote/ XXXX:AEP)	American Electric Power	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AEP&action=getcompany)	Utilities	Electric Utilities	Columbus, Ohio		0000004904
AXP (https://www.nyse.com/quote/ XXXX:AXP)	American Express Co	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AXP&action=getcompany)	Financials	Consumer Finance	New York, New York	1976-06-30	0000004962
AIG (https://www.nyse.com/quote/X XXX:AIG)	American International Group, Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AIG&action=getcompany)	Financials	Property & Casualty Insurance	New York, New York	1980-03-31	0000005272
AMT (https://www.nyse.com/quote/ XXXX:AMT)	American Tower Corp A	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AMT&action=getcompany)	Real Estate	Specialized REITs	Boston, Massachusetts	2007-11-19	0001053507
AWK (https://www.nyse.com/quote/ XXXX:AWK)	American Water Works Company Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AWK&action=getcompany)	Utilities	Water Utilities	Voorhees, New Jersey	2016-03-04	0001410636
AMP (https://www.nyse.com/quote/ XXXX:AMP)	Ameriprise Financial	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AMP&action=getcompany)	Financials	Asset Management & Custody Banks	Minneapolis, Minnesota	2005-10-03	0000820027
ABC (https://www.nyse.com/quote/ XXXX:ABC)	AmerisourceBergen Corp	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ABC&action=getcompany)	Health Care	Health Care Distributors	Chesterbrook, Pennsylvania	2001-08-30	0001140859
AME (https://www.nyse.com/quote/ XXXX:AME)	AMETEK Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AME&action=getcompany)	Industrials	Electrical Components & Equipment	Berwyn, Pennsylvania	2013-09-23	0001037868
AMGN (http://www.nasdaq.com/symbol/amgn)	Amgen Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AMGN&action=getcompany)	Health Care	Biotechnology	Thousand Oaks, California	1992-01-02	0000318154
APH (https://www.nyse.com/quote/ XXXX:APH)	Amphenol Corp	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=APH&action=getcompany)	Information Technology	Electronic Components	Wallingford, Connecticut	2008-09-30	0000820313
APC (https://www.nyse.com/quote/ XXXX:APC)	Anadarko Petroleum Corp	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=APC&action=getcompany)	Energy	Oil & Gas Exploration & Production	The Woodlands, Texas		0000773910
ADI (http://www.nasdaq.com/symbo	Analog Devices, Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ADI&action=getcompany)	Information Technology	Semiconductors	Norwood, Massachusetts		0000006281
ANDV (https://www.nyse.com/quot e/XXXX:ANDV)	Andeavor	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ANDV&action=getcompany)	Energy	Oil & Gas Refining & Marketing	San Antonio, Texas	2007-09-27	0000050104
ANSS (http://www.nasdaq.com/symbol/anss)	ANSYS	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ANSS&action=getcompany)	Information Technology	Application Software	Canonsburg, Pennsylvania	2017-06-19	0001013462
ANTM (https://www.nyse.com/quot e/XXXX:ANTM)	Anthem Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ANTM&action=getcompany)	Health Care	Managed Health Care	Indianapolis, Indiana		0001156039
AON (https://www.nyse.com/quote/ XXXX:AON)	Aon plc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AON&action=getcompany)	Financials	Insurance Brokers	London, United Kingdom		0000315293
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Ticker symbol	Security	SEC filings	GICS Sector	GICS Sub Industry	Address of Headquarters	Date first added	CIK
AOS (https://www.nyse.com/quote/ XXXX:AOS)	A.O. Smith Corp	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AOS&action=getcompany)	Industrials	Building Products	Milwaukee, Wisconsin	2017-07-26	0000091142
APA (https://www.nyse.com/quote/ XXXX:APA)	Apache Corporation	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=APA&action=getcompany)	Energy	Oil & Gas Exploration & Production	Houston, Texas		0000006769
AIV (https://www.nyse.com/quote/X XXX:AIV)	Apartment Investment & Management	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AIV&action=getcompany)	Real Estate	Residential REITs	Denver, Colorado		0000922864
AAPL (http://www.nasdaq.com/symbol/aapl)	Apple Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AAPL&action=getcompany)	Information Technology	Technology Hardware, Storage & Peripherals	Cupertino, California	1982-11-30	0000320193
AMAT (http://www.nasdaq.com/symbol/amat)	Applied Materials Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AMAT&action=getcompany)	Information Technology	Semiconductor Equipment	Santa Clara, California		0000006951
APTV (https://www.nyse.com/quot e/XXXX:APTV)	Aptiv Plc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=APTV&action=getcompany)	Consumer Discretionary	Auto Parts & Equipment	Gillingham, Kent, United Kingdom	2012-12-24	0001521332
ADM (https://www.nyse.com/quote/ XXXX:ADM)	Archer-Daniels-Midland Co	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ADM&action=getcompany)	Consumer Staples	Agricultural Products	Decatur, Illinois	1981-07-29	0000007084
ARNC (https://www.nyse.com/quot e/XXXX:ARNC)	Arconic Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ARNC&action=getcompany)	Industrials	Aerospace & Defense	New York, New York	1964-03-31	0000004281
AJG (https://www.nyse.com/quote/ XXXX:AJG)	Arthur J. Gallagher & Co.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AJG&action=getcompany)	Financials	Insurance Brokers	Itasca, Illinois	2016-05-31	0000354190
AIZ (https://www.nyse.com/quote/X XXX:AIZ)	Assurant Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AIZ&action=getcompany)	Financials	Multi-line Insurance	New York, New York	2007-04-10	0001267238
T (https://www.nyse.com/quote/XX XX:T)	AT&T Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=T&action=getcompany)	Telecommunication Services	Integrated Telecommunication Services	Dallas, Texas	1983-11-30	0000732717
ADSK (http://www.nasdaq.com/symbol/adsk)	Autodesk Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ADSK&action=getcompany)	Information Technology	Application Software	San Rafael, California	1989-12-01	0000769397
ADP (http://www.nasdaq.com/symbol/adp)	Automatic Data Processing	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ADP&action=getcompany)	Information Technology	Internet Software & Services	Roseland, New Jersey	1981-03-31	0000008670
AZO (https://www.nyse.com/quote/ XXXX:AZO)	AutoZone Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AZO&action=getcompany)	Consumer Discretionary	Specialty Stores	Memphis, Tennessee		0000866787
AVB (https://www.nyse.com/quote/ XXXX:AVB)	AvalonBay Communities, Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AVB&action=getcompany)	Real Estate	Residential REITs	Arlington, Virginia ^[4]	2007-01-10	0000915912
AVY (https://www.nyse.com/quote/ XXXX:AVY)	Avery Dennison Corp	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AVY&action=getcompany)	Materials	Paper Packaging	Glendale, California	1987-12-31	0000008818
BHGE (https://www.nyse.com/quote/XXXX:BHGE)	Baker Hughes, a GE Company	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=BHGE&action=getcompany)	Energy	Oil & Gas Equipment & Services	Houston, Texas		0001701605
BLL (https://www.nyse.com/quote/X XXX:BLL)	Ball Corp	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=BLL&action=getcompany)	Materials	Metal & Glass Containers	Broomfield, Colorado	1984-10-31	0000009389
BAC (https://www.nyse.com/quote/ XXXX:BAC)	Bank of America Corp	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=BAC&action=getcompany)	Financials	Diversified Banks	Charlotte, North Carolina	1976-06-30	0000070858
BK (https://www.nyse.com/quote/X XXX:BK)	The Bank of New York Mellon Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=BK&action=getcompany)	Financials	Asset Management & Custody Banks	New York, New York		0001390777
BAX (https://www.nyse.com/quote/ XXXX:BAX)	Baxter International Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=BAX&action=getcompany)	Health Care	Health Care Equipment	Deerfield, Illinois	1972-09-30	0000010456
BBT (https://www.nyse.com/quote/ XXXX:BBT)	BB&T Corporation	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=BBT&action=getcompany)	Financials	Regional Banks	Winston-Salem, North Carolina		0000092230
BDX (https://www.nyse.com/quote/XXXX:BDX)	Becton Dickinson	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=BDX&action=getcompany)	Health Care	Health Care Equipment	Franklin Lakes, New Jersey	1972-09-30	0000010795
BRK.B (https://www.nyse.com/quote/XXXX:BRK.B)	Berkshire Hathaway	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=BRKB&action=getcompany)	Financials	Multi-Sector Holdings	Omaha, Nebraska	2010-02-16	0001067983
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Ticker symbol	Security	SEC filings	GICS Sector	GICS Sub Industry	Address of Headquarters	Date first added	CIK
BBY (https://www.nyse.com/quote/ XXXX:BBY)	Best Buy Co. Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=BBY&action=getcompany)	Consumer Discretionary	Computer & Electronics Retail	Richfield, Minnesota	1999-06-29	0000764478
BIIB (http://www.nasdaq.com/symb ol/biib)	Biogen Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=BIIB&action=getcompany)	Health Care	Biotechnology	Weston, Massachusetts		0000875045
BLK (https://www.nyse.com/quote/X XXX:BLK)	BlackRock	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=BLK&action=getcompany)	Financials	Asset Management & Custody Banks	New York, New York	2011-04-04	0001364742
HRB (https://www.nyse.com/quote/ XXXX:HRB)	Block H&R	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HRB&action=getcompany)	Financials	Consumer Finance	Kansas City, Missouri	1986-11-30	0000012659
BA (https://www.nyse.com/quote/X XXX:BA)	Boeing Company	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=BA&action=getcompany)	Industrials	Aerospace & Defense	Chicago, Illinois		0000012927
BWA (https://www.nyse.com/quote/ XXXX:BWA)	BorgWarner	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=BWA&action=getcompany)	Consumer Discretionary	Auto Parts & Equipment	Auburn Hills, Michigan	2011-12-19	0000908255
BXP (https://www.nyse.com/quote/ XXXX:BXP)	Boston Properties	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=BXP&action=getcompany)	Real Estate	Office REITs	Boston, Massachusetts	2006-04-03	0001037540
BSX (https://www.nyse.com/quote/ XXXX:BSX)	Boston Scientific	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=BSX&action=getcompany)	Health Care	Health Care Equipment	Marlborough, Massachusetts ^[5]	1995-02-24	0000885725
BHF (https://www.nyse.com/quote/ XXXX:BHF)	Brighthouse Financial Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=BHF&action=getcompany)	Financials	Life & Health Insurance	Charlotte, North Carolina	2017-08-08	0001685040
BMY (https://www.nyse.com/quote/ XXXX:BMY)	Bristol-Myers Squibb	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=BMY&action=getcompany)	Health Care	Health Care Distributors	New York, New York		0000014272
AVGO (http://www.nasdaq.com/symbol/avgo)	Broadcom	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=AVGO&action=getcompany)	Information Technology	Semiconductors	San Jose, California	2014-05-08	0001441634
BF.B (https://www.nyse.com/quote/ XXXX:BF.B)	Brown-Forman Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=BFB&action=getcompany)	Consumer Staples	Distillers & Vintners	Louisville, Kentucky	1982-10-31	0000014693
CHRW (http://www.nasdaq.com/symbol/chrw)	C. H. Robinson Worldwide	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CHRW&action=getcompany)	Industrials	Air Freight & Logistics	Eden Prairie, Minnesota	2007-03-02	0001043277
CA (http://www.nasdaq.com/symbo	CA, Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CA&action=getcompany)	Information Technology	Systems Software	Islandia, New York	1987-07-31	0000356028
COG (https://www.nyse.com/quote/ XXXX:COG)	Cabot Oil & Gas	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=COG&action=getcompany)	Energy	Oil & Gas Exploration & Production	Houston, Texas	2008-06-23	0000858470
CDNS (http://www.nasdaq.com/symbol/cdns)	Cadence Design Systems	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CDNS&action=getcompany)	Information Technology	Application Software	San Jose, California	2017-09-18	0000813672
CPB (https://www.nyse.com/quote/ XXXX:CPB)	Campbell Soup	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CPB&action=getcompany)	Consumer Staples	Packaged Foods & Meats	Camden, New Jersey		0000016732
COF (https://www.nyse.com/quote/ XXXX:COF)	Capital One Financial	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=COF&action=getcompany)	Financials	Consumer Finance	Tysons Corner, Virginia		0000927628
CAH (https://www.nyse.com/quote/ XXXX:CAH)	Cardinal Health Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CAH&action=getcompany)	Health Care	Health Care Distributors	Dublin, Ohio		0000721371
CBOE (http://www.nasdaq.com/symbol/cboe)	CBOE Holdings	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CBOE&action=getcompany)	Financials	Financial Exchanges & Data	Chicago, Illinois	2017-03-01	0001374310
KMX (https://www.nyse.com/quote/ XXXX:KMX)	Carmax Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=KMX&action=getcompany)	Consumer Discretionary	Specialty Stores	Richmond, Virginia	2010-06-28	0001170010
CCL (https://www.nyse.com/quote/ XXXX:CCL)	Carnival Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CCL&action=getcompany)	Consumer Discretionary	Hotels, Resorts & Cruise Lines	Miami, Florida		0000815097
CAT (https://www.nyse.com/quote/ XXXX:CAT)	Caterpillar Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CAT&action=getcompany)	Industrials	Construction Machinery & Heavy Trucks	Peoria, Illinois		0000018230
CBG (https://www.nyse.com/quote/ XXXX:CBG)	CBRE Group	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CBG&action=getcompany)	Real Estate	Real Estate Services	Los Angeles, California	2006-11-10	0001138118

Ticker symbol	Security	SEC filings	GICS Sector	GICS Sub Industry	Address of Headquarters	Date first added	CIK
CBS (https://www.nyse.com/quote/ XXXX:CBS)	CBS Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CBS&action=getcompany)	Consumer Discretionary	Broadcasting	New York, New York	1994-09-01	0000813828
CELG (http://www.nasdaq.com/symbol/celg)	Celgene Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CELG&action=getcompany)	Health Care	Biotechnology	Summit, New Jersey	2006-11-06	0000816284
CNC (https://www.nyse.com/quote/ XXXX:CNC)	Centene Corporation	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CNC&action=getcompany)	Health Care	Managed Health Care	St Louis, Missouri	2016-03-30	0001071739
CNP (https://www.nyse.com/quote/ XXXX:CNP)	CenterPoint Energy	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CNP&action=getcompany)	Utilities	Multi-Utilities	Houston, Texas	1985-07-31	0001130310
CTL (https://www.nyse.com/quote/X XXX:CTL)	CenturyLink Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CTL&action=getcompany)	Telecommunication Services	Integrated Telecommunication Services	Monroe, Louisiana		0000018926
CERN (http://www.nasdaq.com/symbol/cern)	Cerner	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CERN&action=getcompany)	Health Care	Health Care Technology	North Kansas City, Missouri	2010-04-30	0000804753
CF (https://www.nyse.com/quote/X XXX:CF)	CF Industries Holdings Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CF&action=getcompany)	Materials	Fertilizers & Agricultural Chemicals	Deerfield, Illinois	2008-08-27	0001324404
SCHW (https://www.nyse.com/quot e/XXXX:SCHW)	Charles Schwab Corporation	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SCHW&action=getcompany)	Financials	Investment Banking & Brokerage	San Francisco, California		0000316709
CHTR (http://www.nasdaq.com/symbol/chtr)	Charter Communications	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CHTR&action=getcompany)	Consumer Discretionary	Cable & Satellite	Stamford, Connecticut	2016-09-08	0001091667
CHK (https://www.nyse.com/quote/ XXXX:CHK)	Chesapeake Energy	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CHK&action=getcompany)	Energy	Oil & Gas Exploration & Production	Oklahoma City, Oklahoma		0000895126
CVX (https://www.nyse.com/quote/ XXXX:CVX)	Chevron Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CVX&action=getcompany)	Energy	Integrated Oil & Gas	San Ramon, California		0000093410
CMG (https://www.nyse.com/quote/ XXXX:CMG)	Chipotle Mexican Grill	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CMG&action=getcompany)	Consumer Discretionary	Restaurants	Denver, Colorado	2011-04-28	0001058090
CB (https://www.nyse.com/quote/X XXX:CB)	Chubb Limited	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CB&action=getcompany)	Financials	Property & Casualty Insurance	Zurich, Switzerland	2010-07-15	0000896159
CHD (https://www.nyse.com/quote/ XXXX:CHD)	Church & Dwight	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CHD&action=getcompany)	Consumer Staples	Household Products	Ewing, New Jersey	2015-12-29	0000313927
CI (https://www.nyse.com/quote/XX XX:CI)	CIGNA Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CI&action=getcompany)	Health Care	Managed Health Care	Philadelphia, Pennsylvania	1976-06-30	0000701221
XEC (https://www.nyse.com/quote/ XXXX:XEC)	Cimarex Energy	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=XEC&action=getcompany)	Energy	Oil & Gas Exploration & Production	Denver, Colorado	2014-06-21	0001168054
CINF (http://www.nasdaq.com/symbol/cinf)	Cincinnati Financial	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CINF&action=getcompany)	Financials	Property & Casualty Insurance	Fairfield, Ohio		0000020286
CTAS (http://www.nasdaq.com/symbol/ctas)	Cintas Corporation	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CTAS&action=getcompany)	Industrials	Diversified Support Services	Mason, Ohio	2001-03-01	0000723254
CSCO (http://www.nasdaq.com/symbol/csco)	Cisco Systems	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CSCO&action=getcompany)	Information Technology	Communications Equipment	San Jose, California	1993-12-01	0000858877
C (https://www.nyse.com/quote/XX XX:C)	Citigroup Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=C&action=getcompany)	Financials	Diversified Banks	New York, New York	1988-05-31	0000831001
CFG (https://www.nyse.com/quote/ XXXX:CFG)	Citizens Financial Group	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CFG&action=getcompany)	Financials	Regional Banks	Providence, Rhode Island	2016-01-29	0000759944
CTXS (http://www.nasdaq.com/symbol/ctxs)	Citrix Systems	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CTXS&action=getcompany)	Information Technology	Internet Software & Services	Fort Lauderdale, Florida		0000877890
CLX (https://www.nyse.com/quote/ XXXX:CLX)	The Clorox Company	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CLX&action=getcompany)	Consumer Staples	Household Products	Oakland, California	1969-03-31	0000021076
CME (http://www.nasdaq.com/symbol/cme)	CME Group Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CME&action=getcompany)	Financials	Financial Exchanges & Data	Chicago, Illinois		0001156375
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CMS (https://www.nyse.com/quote/ XXXX:CMS)	CMS Energy	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CMS&action=getcompany)	Utilities	Multi-Utilities	Jackson, Michigan		0000811156
KO (https://www.nyse.com/quote/X XXX:KO)	Coca-Cola Company (The)	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=KO&action=getcompany)	Consumer Staples	Soft Drinks	Atlanta, Georgia		0000021344
CTSH (http://www.nasdaq.com/symbol/ctsh)	Cognizant Technology Solutions	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CTSH&action=getcompany)	Information Technology	IT Consulting & Other Services	Teaneck, New Jersey	2006-11-17	0001058290
CL (https://www.nyse.com/quote/X XXX:CL)	Colgate-Palmolive	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CL&action=getcompany)	Consumer Staples	Household Products	New York, New York		0000021665
CMCSA (http://www.nasdaq.com/symbol/cmcsa)	Comcast Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CMCSA&action=getcompany)	Consumer Discretionary	Cable & Satellite	Philadelphia, Pennsylvania	2015-09-18	0001166691
CMA (https://www.nyse.com/quote/ XXXX:CMA)	Comerica Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CMA&action=getcompany)	Financials	Diversified Banks	<u>Dallas, Texas</u>		0000028412
CAG (https://www.nyse.com/quote/ XXXX:CAG)	Conagra Brands	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CAG&action=getcompany)	Consumer Staples	Packaged Foods & Meats	Chicago, Illinois	1983-08-31	0000023217
CXO (https://www.nyse.com/quote/ XXXX:CXO)	Concho Resources	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CXO&action=getcompany)	Energy	Oil & Gas Exploration & Production	Midland, Texas	2016-02-22	0001358071
COP (https://www.nyse.com/quote/ XXXX:COP)	ConocoPhillips	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=COP&action=getcompany)	Energy	Oil & Gas Exploration & Production	Houston, Texas		0001163165
ED (https://www.nyse.com/quote/X XXX:ED)	Consolidated Edison	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ED&action=getcompany)	Utilities	Electric Utilities	New York, New York		0001047862
STZ (https://www.nyse.com/quote/X XXX:STZ)	Constellation Brands	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=STZ&action=getcompany)	Consumer Staples	Distillers & Vintners	Victor, New York	2005-07-05	0000016918
COO (https://www.nyse.com/quote/ XXXX:COO)	The Cooper Companies	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=COO&action=getcompany)	Health Care	Health Care Supplies	Pleasanton, California	2016-09-23	0000711404
GLW (https://www.nyse.com/quote/ XXXX:GLW)	Corning Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=GLW&action=getcompany)	Information Technology	Electronic Components	Corning, New York		0000024741
COST (http://www.nasdaq.com/symbol/cost)	Costco Wholesale Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=COST&action=getcompany)	Consumer Staples	Hypermarkets & Super Centers	Issaquah, Washington	1993-10-01	0000909832
COTY (https://www.nyse.com/quot e/XXXX:COTY)	Coty, Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=COTY&action=getcompany)	Consumer Staples	Personal Products	New York, New York	2016-10-03	0001024305
CCI (https://www.nyse.com/quote/X XXX:CCI)	Crown Castle International Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CCI&action=getcompany)	Real Estate	Specialized REITs	Houston, Texas	2012-03-14	0001051470
CSRA (https://www.nyse.com/quot e/XXXX:CSRA)	CSRA Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CSRA&action=getcompany)	Information Technology	IT Consulting & Other Services	Falls Church, Virginia	2015-12-01	0001646383
CSX (http://www.nasdaq.com/symbol/csx)	CSX Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CSX&action=getcompany)	Industrials	Railroads	Jacksonville, Florida	1967-09-30	0000277948
CMI (https://www.nyse.com/quote/X XXX:CMI)	Cummins Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CMI&action=getcompany)	Industrials	Industrial Machinery	Columbus, Indiana	1965-03-31	0000026172
CVS (https://www.nyse.com/quote/ XXXX:CVS)	CVS Health	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CVS&action=getcompany)	Consumer Staples	Drug Retail	Woonsocket, Rhode Island		0000064803
DHI (https://www.nyse.com/quote/X XXX:DHI)	D. R. Horton	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DHI&action=getcompany)	Consumer Discretionary	Homebuilding	Fort Worth, Texas		0000882184
DHR (https://www.nyse.com/quote/ XXXX:DHR)	Danaher Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DHR&action=getcompany)	Health Care	Health Care Equipment	Washington, D.C.		0000313616
DRI (https://www.nyse.com/quote/X XXX:DRI)	Darden Restaurants	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DRI&action=getcompany)	Consumer Discretionary	Restaurants	Orlando, Florida		0000940944
DVA (https://www.nyse.com/quote/ XXXX:DVA)	DaVita Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DVA&action=getcompany)	Health Care	Health Care Facilities	Denver, Colorado	2008-07-31	0000927066

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DE (https://www.nyse.com/quote/X XXX:DE)	Deere & Co.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DE&action=getcompany)	Industrials	Agricultural & Farm Machinery	Moline, Illinois		0000315189
DAL (https://www.nyse.com/quote/ XXXX:DAL)	Delta Air Lines Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DAL&action=getcompany)	Industrials	Airlines	Atlanta, Georgia	2013-09-11	0000027904
XRAY (http://www.nasdaq.com/symbol/xray)	Dentsply Sirona	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=XRAY&action=getcompany)	Health Care	Health Care Supplies	York, Pennsylvania	2008-11-14	0000818479
DVN (https://www.nyse.com/quote/ XXXX:DVN)	Devon Energy Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DVN&action=getcompany)	Energy	Oil & Gas Exploration & Production	Oklahoma City, Oklahoma	2000-08-30	0001090012
DLR (https://www.nyse.com/quote/ XXXX:DLR)	<u>Digital Realty</u> Trust Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DLR&action=getcompany)	Real Estate	Specialized REITs	San Francisco, California	2016-05-18	0001297996
DFS (https://www.nyse.com/quote/ XXXX:DFS)	Discover Financial Services	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DFS&action=getcompany)	Financials	Consumer Finance	Riverwoods, Illinois	2007-07-02	0001393612
DISCA (http://www.nasdaq.com/symbol/disca)	Discovery Communications-A	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DISCA&action=getcompany)	Consumer Discretionary	Cable & Satellite	Silver Spring, Maryland	2010-03-01	0001437107
DISCK (http://www.nasdaq.com/symbol/disck)	Discovery Communications-C	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DISCK&action=getcompany)	Consumer Discretionary	Cable & Satellite	Silver Spring, Maryland	2014-08-07	0001437107
DISH (http://www.nasdaq.com/symbol/dish)	Dish Network	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DISH&action=getcompany)	Consumer Discretionary	Cable & Satellite	Meridian, Colorado	2017-03-13	0001001082
DG (https://www.nyse.com/quote/X XXX:DG)	Dollar General	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DG&action=getcompany)	Consumer Discretionary	General Merchandise Stores	Goodlettsville, Tennessee	2012-12-03	0000029534
DLTR (http://www.nasdaq.com/symbol/dltr)	Dollar Tree	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DLTR&action=getcompany)	Consumer Discretionary	General Merchandise Stores	Chesapeake, Virginia	2011-12-19	0000935703
D (https://www.nyse.com/quote/XX XX:D)	Dominion Energy	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=D&action=getcompany)	Utilities	Electric Utilities	Richmond, Virginia		0000715957
DOV (https://www.nyse.com/quote/ XXXX:DOV)	Dover Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DOV&action=getcompany)	Industrials	Industrial Machinery	Downers Grove, Illinois	1985-10-31	0000029905
DWDP (https://www.nyse.com/quote/XXXX:DWDP)	DowDuPont	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DWDP&action=getcompany)	Materials	Diversified Chemicals	Midland, Michigan		0001666700
DPS (https://www.nyse.com/quote/ XXXX:DPS)	Dr Pepper Snapple Group	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DPS&action=getcompany)	Consumer Staples	Soft Drinks	Plano, Texas	2008-10-07	0001418135
DTE (https://www.nyse.com/quote/ XXXX:DTE)	DTE Energy Co.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DTE&action=getcompany)	Utilities	Multi-Utilities	Detroit, Michigan		0000936340
DRE (https://www.nyse.com/quote/ XXXX:DRE)	Duke Realty Corp	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DRE&action=getcompany)	Real Estate	Industrial REITs	Indianapolis, Indiana	2017-07-26	0000783280
DUK (https://www.nyse.com/quote/ XXXX:DUK)	Duke Energy	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DUK&action=getcompany)	Utilities	Electric Utilities	Charlotte, North Carolina	1976-06-30	0001326160
DXC (https://www.nyse.com/quote/ XXXX:DXC)	DXC Technology	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DXC&action=getcompany)	Information Technology	IT Consulting & Other Services	Tysons Corner, Virginia	2017-04-04	0001688568
ETFC (http://www.nasdaq.com/symbol/etfc)	E*Trade	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ETFC&action=getcompany)	Financials	Investment Banking & Brokerage	New York, New York	2004-03-31	0001015780
EMN (https://www.nyse.com/quote/ XXXX:EMN)	Eastman Chemical	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=EMN&action=getcompany)	Materials	Diversified Chemicals	Kingsport, Tennessee	1994-01-01	0000915389
ETN (https://www.nyse.com/quote/ XXXX:ETN)	Eaton Corporation	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ETN&action=getcompany)	Industrials	Electrical Components & Equipment	Dublin, Ireland		0001551182
EBAY (http://www.nasdaq.com/symbol/ebay)	eBay Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=EBAY&action=getcompany)	Information Technology	Internet Software & Services	San Jose, California		0001065088
ECL (https://www.nyse.com/quote/ XXXX:ECL)	Ecolab Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ECL&action=getcompany)	Materials	Specialty Chemicals	St. Paul, Minnesota	1989-01-31	0000031462
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EIX (https://www.nyse.com/quote/X XXX:EIX)	Edison Int'l	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=EIX&action=getcompany)	Utilities	Electric Utilities	Rosemead, California		0000827052
EW (https://www.nyse.com/quote/X XXX:EW)	Edwards Lifesciences	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=EW&action=getcompany)	Health Care	Health Care Equipment	Irvine, California	2011-04-01	0001099800
EA (http://www.nasdaq.com/symbo l/ea)	Electronic Arts	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=EA&action=getcompany)	Information Technology	Home Entertainment Software	Redwood City, California	2002-07-22	0000712515
EMR (https://www.nyse.com/quote/ XXXX:EMR)	Emerson Electric Company	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=EMR&action=getcompany)	Industrials	Electrical Components & Equipment	Ferguson, Missouri	1965-03-31	0000032604
ETR (https://www.nyse.com/quote/ XXXX:ETR)	Entergy Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ETR&action=getcompany)	Utilities	Electric Utilities	New Orleans, Louisiana		0000065984
EVHC (https://www.nyse.com/quot e/XXXX:EVHC)	Envision Healthcare	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=EVHC&action=getcompany)	Health Care	Health Care Services	Nashville, Tennessee	2016-12-02	0000895930
EOG (https://www.nyse.com/quote/ XXXX:EOG)	EOG Resources	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=EOG&action=getcompany)	Energy	Oil & Gas Exploration & Production	Houston, Texas	2000-11-02	0000821189
EQT (https://www.nyse.com/quote/ XXXX:EQT)	EQT Corporation	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=EQT&action=getcompany)	Energy	Oil & Gas Exploration & Production	Pittsburgh, Pennsylvania	2008-12-19	0000033213
EFX (https://www.nyse.com/quote/ XXXX:EFX)	Equifax Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=EFX&action=getcompany)	Industrials	Research & Consulting Services	Atlanta, Georgia	1997-06-19	0000033185
EQIX (http://www.nasdaq.com/symbol/eqix)	Equinix	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=EQIX&action=getcompany)	Real Estate	Specialized REITs	Redwood City, California	2015-03-20	0001101239
EQR (https://www.nyse.com/quote/ XXXX:EQR)	Equity Residential	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=EQR&action=getcompany)	Real Estate	Residential REITs	Chicago, Illinois	2001-12-03	0000906107
ESS (https://www.nyse.com/quote/ XXXX:ESS)	Essex Property Trust, Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ESS&action=getcompany)	Real Estate	Residential REITs	Palo Alto, California	2014-04-02	0000920522
EL (https://www.nyse.com/quote/XX XX:EL)	Estee Lauder Cos.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=EL&action=getcompany)	Consumer Staples	Personal Products	New York, New York	2006-01-05	0001001250
ES (https://www.nyse.com/quote/X XXX:ES)	Eversource Energy	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NU&action=getcompany)	Utilities	Multi-Utilities	Springfield, Massachusetts		0000072741
RE (https://www.nyse.com/quote/X XXX:RE)	Everest Re Group Ltd.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=RE&action=getcompany)	Financials	Reinsurance	Hamilton, Bermuda	2017-06-19	0001095073
EXC (https://www.nyse.com/quote/ XXXX:EXC)	Exelon Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=EXC&action=getcompany)	Utilities	Multi-Utilities	Chicago, Illinois		0001109357
EXPE (http://www.nasdaq.com/symbol/expe)	Expedia Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=EXPE&action=getcompany)	Consumer Discretionary	Internet & Direct Marketing Retail	Bellevue, Washington	2007-10-02	0001324424
EXPD (http://www.nasdaq.com/symbol/expd)	Expeditors International	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=EXPD&action=getcompany)	Industrials	Air Freight & Logistics	Seattle, Washington	2007-10-10	0000746515
ESRX (http://www.nasdaq.com/symbol/esrx)	Express Scripts	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ESRX&action=getcompany)	Health Care	Health Care Distributors	Cool Valley, Missouri	2003-09-25	0001532063
EXR (https://www.nyse.com/quote/ XXXX:EXR)	Extra Space Storage	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=EXR&action=getcompany)	Real Estate	Specialized REITs	Salt Lake City, Utah	2016-01-19	0001289490
XOM (https://www.nyse.com/quote/ XXXX:XOM)	Exxon Mobil Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=XOM&action=getcompany)	Energy	Integrated Oil & Gas	Irving, Texas		0000034088
FFIV (http://www.nasdaq.com/symbol/ffiv)	F5 Networks	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=FFIV&action=getcompany)	Information Technology	Communications Equipment	Seattle, Washington	2010-12-20	0001048695
FB (http://www.nasdaq.com/symbo	Facebook, Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?company=Facebook&owner=exclude&action=getcompany)	Information Technology	Internet Software & Services	Menlo Park, California	2013-12-23	0001326801
FAST (http://www.nasdaq.com/symbol/fast)	Fastenal Co	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=FAST&action=getcompany)	Industrials	Building Products	Winona, Minnesota	2009-09-15	0000815556

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FRT (https://www.nyse.com/quote/ XXXX:FRT)	Federal Realty Investment Trust	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=FRT&action=getcompany)	Real Estate	Retail REITs	Rockville, Maryland	2016-02-01	0000034903
FDX (https://www.nyse.com/quote/ XXXX:FDX)	FedEx Corporation	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=FDX&action=getcompany)	Industrials	Air Freight & Logistics	Memphis, Tennessee	1980-12-31	0001048911
FIS (https://www.nyse.com/quote/X XXX:FIS)	Fidelity National Information Services	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=FIS&action=getcompany)	Information Technology	Internet Software & Services	Jacksonville, Florida	2006-11-10	0001136893
FITB (http://www.nasdaq.com/symbol/fitb)	Fifth Third Bancorp	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=FITB&action=getcompany)	Financials	Regional Banks	Cincinnati, Ohio		0000035527
FE (https://www.nyse.com/quote/X XXX:FE)	FirstEnergy Corp	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=FE&action=getcompany)	Utilities	Electric Utilities	Akron, Ohio		0001031296
FISV (http://www.nasdaq.com/symbol/fisv)	Fiserv Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=FISV&action=getcompany)	Information Technology	Internet Software & Services	Brookfield, Wisconsin	2001-04-02	0000798354
FLIR (http://www.nasdaq.com/symbol/flir)	FLIR Systems	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=FLIR&action=getcompany)	Information Technology	Electronic Equipment & Instruments	Wilsonville, Oregon	2009-01-02	0000354908
FLS (https://www.nyse.com/quote/X XXX:FLS)	Flowserve Corporation	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=FLS&action=getcompany)	Industrials	Industrial Machinery	Irving, Texas	2008-10-02	0000030625
FLR (https://www.nyse.com/quote/X XXX:FLR)	Fluor Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=FLR&action=getcompany)	Industrials	Construction & Engineering	Irving, Texas	1980-03-31	0001124198
FMC (https://www.nyse.com/quote/ XXXX:FMC)	FMC Corporation	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=FMC&action=getcompany)	Materials	Fertilizers & Agricultural Chemicals	Philadelphia, Pennsylvania	2009-08-19	0000037785
FL (https://www.nyse.com/quote/XX XX:FL)	Foot Locker Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=FL&action=getcompany)	Consumer Discretionary	Apparel Retail	New York, New York	2016-04-04	0000850209
F (https://www.nyse.com/quote/XX XX:F)	Ford Motor	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=F&action=getcompany)	Consumer Discretionary	Automobile Manufacturers	Dearborn, Michigan		0000037996
FTV (https://www.nyse.com/quote/X XXX:FTV)	Fortive Corp	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=FTV&action=getcompany)	Industrials	Industrial Machinery	Everett, Washington	2016-07-01	0001659166
FBHS (https://www.nyse.com/quot e/XXXX:FBHS)	Fortune Brands Home & Security	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=FBHS&action=getcompany)	Industrials	Building Products	Deerfield, Illinois	2016-06-22	0001519751
BEN (https://www.nyse.com/quote/ XXXX:BEN)	Franklin Resources	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=BEN&action=getcompany)	Financials	Asset Management & Custody Banks	San Mateo, California		0000038777
FCX (https://www.nyse.com/quote/ XXXX:FCX)	Freeport-McMoRan Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=FCX&action=getcompany)	Materials	Copper	Phoenix, Arizona		0000831259
GPS (https://www.nyse.com/quote/ XXXX:GPS)	Gap Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=GPS&action=getcompany)	Consumer Discretionary	Apparel Retail	San Francisco, California	1986-08-31	0000039911
GRMN (http://www.nasdaq.com/symbol/grmn)	Garmin Ltd.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=GRMN&action=getcompany)	Consumer Discretionary	Consumer Electronics	Schaffhausen, Switzerland	2012-12-12	0001121788
IT (https://www.nyse.com/quote/XX XX:IT)	Gartner Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=IT&action=getcompany)	Information Technology	IT Consulting & Other Services	Stamford, Connecticut	2017-04-05	0000749251
GD (https://www.nyse.com/quote/X XXX:GD)	General Dynamics	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=GD&action=getcompany)	Industrials	Aerospace & Defense	Falls Church, Virginia		0000040533
GE (https://www.nyse.com/quote/X XXX:GE)	General Electric	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=GE&action=getcompany)	Industrials	Industrial Conglomerates	Boston, Massachusetts		0000040545
GGP (https://www.nyse.com/quote/ XXXX:GGP)	General Growth Properties Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=GGP&action=getcompany)	Real Estate	Retail REITs	Chicago, Illinois	2013-12-10	0000895648
GIS (https://www.nyse.com/quote/X XXX:GIS)	General Mills	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=GIS&action=getcompany)	Consumer Staples	Packaged Foods & Meats	Golden Valley, Minnesota	1969-03-31	0000040704
GM (https://www.nyse.com/quote/X XXX:GM)	General Motors	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=GM&action=getcompany)	Consumer Discretionary	Automobile Manufacturers	Detroit, Michigan	2013-06-06	0001467858

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GPC (https://www.nyse.com/quote/ XXXX:GPC)	Genuine Parts	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=GPC&action=getcompany)	Consumer Discretionary	Specialty Stores	Atlanta, Georgia	1973-12-31	0000040987
GILD (http://www.nasdaq.com/symbol/gild)	Gilead Sciences	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=GILD&action=getcompany)	Health Care	Biotechnology	Foster City, California	2004-07-01	0000882095
GPN (https://www.nyse.com/quote/ XXXX:GPN)	Global Payments Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=GPN&action=getcompany)	Information Technology	Data Processing & Outsourced Services	Atlanta, Georgia	2016-04-25	0001123360
GS (https://www.nyse.com/quote/X XXX:GS)	Goldman Sachs Group	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=GS&action=getcompany)	Financials	Investment Banking & Brokerage	New York, New York	2002-07-22	0000886982
GT (http://www.nasdaq.com/symbo	Goodyear Tire & Rubber	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=GT&action=getcompany)	Consumer Discretionary	Tires & Rubber	Akron, Ohio		0000042582
GWW (https://www.nyse.com/quot e/XXXX:GWW)	Grainger (W.W.) Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=GWW&action=getcompany)	Industrials	Industrial Machinery	Lake Forest, Illinois	1981-06-30	0000277135
HAL (https://www.nyse.com/quote/ XXXX:HAL)	Halliburton Co.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HAL&action=getcomp any)	Energy	Oil & Gas Equipment & Services	Houston, Texas		0000045012
HBI (https://www.nyse.com/quote/X XXX:HBI)	Hanesbrands Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HBI&action=getcomp any)	Consumer Discretionary	Apparel, Accessories & Luxury Goods	Winston-Salem, North Carolina	2015-03-20	0001359841
HOG (https://www.nyse.com/quote/ XXXX:HOG)	Harley-Davidson	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HOG&action=getcompany)	Consumer Discretionary	Motorcycle Manufacturers	Milwaukee, Wisconsin		0000793952
HRS (https://www.nyse.com/quote/ XXXX:HRS)	Harris Corporation	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HRS&action=getcompany)	Information Technology	Communications Equipment	Melbourne, Florida	2008-09-22	0000202058
HIG (https://www.nyse.com/quote/X XXX:HIG)	Hartford Financial Svc.Gp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HIG&action=getcompany)	Financials	Property & Casualty Insurance	Hartford, Connecticut		0000874766
HAS (http://www.nasdaq.com/symbol/has)	Hasbro Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HAS&action=getcompany)	Consumer Discretionary	Leisure Products	Pawtucket, Rhode Island	1984-09-30	0000046080
HCA (https://www.nyse.com/quote/ XXXX:HCA)	HCA Holdings	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HCA&action=getcompany)	Health Care	Health Care Facilities	Nashville, Tennessee	2015-01-27	0000860730
HCP (https://www.nyse.com/quote/ XXXX:HCP)	HCP Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HCP&action=getcompany)	Real Estate	Health Care REITs	Long Beach, California	2008-03-31	0000765880
HP (https://www.nyse.com/quote/X XXX:HP)	Helmerich & Payne	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HP&action=getcompany)	Energy	Oil & Gas Drilling	Tulsa, Oklahoma ^[6]	2010-03-01	0000046765
HSIC (http://www.nasdaq.com/symbol/hsic)	Henry Schein	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HSIC&action=getcompany)	Health Care	Health Care Distributors	Melville, New York	2015-03-17	0001000228
HSY (https://www.nyse.com/quote/ XXXX:HSY)	The Hershey Company	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HSY&action=getcompany)	Consumer Staples	Packaged Foods & Meats	Hershey, Pennsylvania		0000047111
HES (https://www.nyse.com/quote/ XXXX:HES)	Hess Corporation	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HES&action=getcompany)	Energy	Integrated Oil & Gas	New York, New York	1984-05-31	0000004447
HPE (https://www.nyse.com/quote/ XXXX:HPE)	Hewlett Packard Enterprise	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HPE&action=getcompany)	Information Technology	Technology Hardware, Storage & Peripherals	Palo Alto, California	2015-11-02	0001645590
HLT (https://www.nyse.com/quote/X XXX:HLT)	Hilton Worldwide Holdings Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HLT&action=getcompany)	Consumer Discretionary	Hotels, Resorts & Cruise Lines	Tysons Corner, Virginia	2017-06-19	0001585689
HOLX (http://www.nasdaq.com/symbol/holx)	Hologic	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HOLX&action=getcompany)	Health Care	Health Care Equipment	Marlborough, Massachusetts	2016-03-30	0000859737
HD (https://www.nyse.com/quote/X XXX:HD)	Home Depot	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HD&action=getcomp any)	Consumer Discretionary	Home Improvement Retail	Atlanta, Georgia	1988-03-31	0000354950
HON (https://www.nyse.com/quote/ XXXX:HON)	Honeywell Int'l Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HON&action=getcom pany)	Industrials	Industrial Conglomerates	Morristown, New Jersey	1964-03-31	0000773840
HRL (https://www.nyse.com/quote/ XXXX:HRL)	Hormel Foods Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HRL&action=getcompany)	Consumer Staples	Packaged Foods & Meats	Austin, Minnesota	2009-03-04	0000048465
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HST (https://www.nyse.com/quote/ XXXX:HST)	Host Hotels & Resorts	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HST&action=getcompany)	Real Estate	Hotel & Resort REITs	Bethesda, Maryland	2007-03-20	0001070750
HPQ (https://www.nyse.com/quote/ XXXX:HPQ)	HP Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HPQ&action=getcompany)	Information Technology	Technology Hardware, Storage & Peripherals	Palo Alto, California	1974-12-31	0000047217
HUM (https://www.nyse.com/quote/ XXXX:HUM)	Humana Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HUM&action=getcompany)	Health Care	Managed Health Care	Louisville, Kentucky		0000049071
HBAN (http://www.nasdaq.com/symbol/hban)	Huntington Bancshares	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HBAN&action=getcompany)	Financials	Regional Banks	Columbus, Ohio		0000049196
HII (https://www.nyse.com/quote/X XXX:HII)	Huntington Ingalls Industries	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HII&action=getcompany)	Industrials	Aerospace & Defense	Newport News, Virginia	2018-01-03	0001501585
IDXX (http://www.nasdaq.com/symbol/idxx)	IDEXX Laboratories	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=IDXX&action=getcompany)	Health Care	Health Care Equipment	Westbrook, Maine	2017-01-05	0000874716
INFO (http://www.nasdaq.com/symbol/info)	IHS Markit Ltd.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=INFO&action=getcompany)	Industrials	Research & Consulting Services	London, United Kingdom	2017-06-02	0001598014
ITW (https://www.nyse.com/quote/X XXX:ITW)	Illinois Tool Works	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ITW&action=getcompany)	Industrials	Industrial Machinery	Glenview, Illinois	1986-02-28	0000049826
ILMN (http://www.nasdaq.com/symbol/ilmn)	Illumina Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ILMN&action=getcompany)	Health Care	Life Sciences Tools & Services	San Diego, California	2015-11-19	0001110803
IR (https://www.nyse.com/quote/XX XX:IR)	Ingersoll-Rand PLC	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=IR&action=getcompany)	Industrials	Industrial Machinery	Dublin, Ireland	2010-11-17	0001466258
INTC (http://www.nasdaq.com/symbol/intc)	Intel Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=INTC&action=getcompany)	Information Technology	Semiconductors	Santa Clara, California	1976-12-31	0000050863
ICE (https://www.nyse.com/quote/X XXX:ICE)	Intercontinental Exchange	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ICE&action=getcompany)	Financials	Financial Exchanges & Data	Atlanta, Georgia	2007-09-26	0001571949
IBM (https://www.nyse.com/quote/X XXX:IBM)	International Business Machines	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=IBM&action=getcompany)	Information Technology	IT Consulting & Other Services	Armonk, New York		0000051143
INCY (http://www.nasdaq.com/symbol/incy)	Incyte	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=INCY&action=getcompany)	Health Care	Biotechnology	Wilmington, Delaware	2017-02-28	0000879169
IP (https://www.nyse.com/quote/XX XX:IP)	International Paper	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=IP&action=getcompany)	Materials	Paper Packaging	Memphis, Tennessee		0000051434
IPG (https://www.nyse.com/quote/X XXX:IPG)	Interpublic Group	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=IPG&action=getcompany)	Consumer Discretionary	Advertising	New York, New York	1992-10-01	0000051644
IFF (https://www.nyse.com/quote/X XXX:IFF)	Intl Flavors & Fragrances	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=IFF&action=getcompany)	Materials	Specialty Chemicals	New York, New York	1976-03-31	0000051253
INTU (http://www.nasdaq.com/symbol/intu)	Intuit Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=INTU&action=getcompany)	Information Technology	Internet Software & Services	Mountain View, California	2000-12-05	0000896878
ISRG (http://www.nasdaq.com/symbol/isrg)	Intuitive Surgical Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ISRG&action=getcompany)	Health Care	Health Care Equipment	Sunnyvale, California	2008-06-02	0001035267
IVZ (https://www.nyse.com/quote/X XXX:IVZ)	Invesco Ltd.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=IVZ&action=getcompany)	Financials	Asset Management & Custody Banks	Atlanta, Georgia	2008-08-21	0000914208
IQV (https://www.nyse.com/quote/X XXX:IQV)	IQVIA Holdings Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=IQV&action=getcompany)	Health Care	Life Sciences Tools & Service	Durham, North Carolina	2017-08-29	0001478242
IRM (https://www.nyse.com/quote/X XXX:IRM)	Iron Mountain Incorporated	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=IRM&action=getcompany)	Real Estate	Specialized REITs	Boston, Massachusetts	2009-01-06	0001020569
JEC (https://www.nyse.com/quote/X XXX:JEC)	Jacobs Engineering Group	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=JEC&action=getcompany)	Industrials	Construction & Engineering	Pasadena, California	2007-10-26	0000052988
JBHT (http://www.nasdaq.com/symbol/jbht)	J. B. Hunt Transport Services	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=JBHT&action=getcompany)	Industrials	Trucking	Lowell, Arkansas	2015-07-01	0000728535

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SJM (https://www.nyse.com/quote/ XXXX:SJM)	JM Smucker	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SJM&action=getcompany)	Consumer Staples	Packaged Foods & Meats	Orrville, Ohio	2008-11-06	0000091419
JNJ (https://www.nyse.com/quote/X XXX:JNJ)	Johnson & Johnson	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=JNJ&action=getcompany)	Health Care	Health Care Equipment	New Brunswick, New Jersey	1973-06-30	0000200406
JCI (https://www.nyse.com/quote/X XXX:JCI)	Johnson Controls International	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=JCI&action=getcompany)	Industrials	Building Products	Cork, Ireland	2010-08-27	0000833444
JPM (https://www.nyse.com/quote/ XXXX:JPM)	JPMorgan Chase & Co.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=JPM&action=getcompany)	Financials	Diversified Banks	New York, New York	1975-06-30	0000019617
JNPR (https://www.nyse.com/quot e/XXXX:JNPR)	Juniper Networks	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=JNPR&action=getcompany)	Information Technology	Communications Equipment	Sunnyvale, California		0001043604
KSU (https://www.nyse.com/quote/ XXXX:KSU)	Kansas City Southern	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=KSU&action=getcompany)	Industrials	Railroads	Kansas City, Missouri	2013-05-24	0000054480
K (https://www.nyse.com/quote/XX XX:K)	Kellogg Co.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=K&action=getcompany)	Consumer Staples	Packaged Foods & Meats	Battle Creek, Michigan		0000055067
KEY (https://www.nyse.com/quote/ XXXX:KEY)	KeyCorp	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=KEY&action=getcompany)	Financials	Regional Banks	Cleveland, Ohio	1994-03-01	0000091576
KMB (https://www.nyse.com/quote/ XXXX:KMB)	Kimberly-Clark	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=KMB&action=getcompany)	Consumer Staples	Household Products	Irving, Texas		0000055785
KIM (https://www.nyse.com/quote/X XXX:KIM)	Kimco Realty	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=KIM&action=getcompany)	Real Estate	Retail REITs	New Hyde Park, New York	2006-04-04	0000879101
KMI (https://www.nyse.com/quote/X XXX:KMI)	Kinder Morgan	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=KMI&action=getcompany)	Energy	Oil & Gas Storage & Transportation	Houston, Texas	2012-05-25	0001506307
KLAC (http://www.nasdaq.com/symbol/klac)	KLA-Tencor Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=KLAC&action=getcompany)	Information Technology	Semiconductor Equipment	Milpitas, California		0000319201
KSS (https://www.nyse.com/quote/ XXXX:KSS)	Kohl's Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=KSS&action=getcompany)	Consumer Discretionary	General Merchandise Stores	Menomonee Falls, Wisconsin		0000885639
KHC (http://www.nasdaq.com/symbol/khc)	Kraft Heinz Co	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=KHC&owner=exclude &action=getcompany)	Consumer Staples	Packaged Foods & Meats	Pittsburgh, Pennsylvania	2015-07-06	0001637459
KR (https://www.nyse.com/quote/X XXX:KR)	Kroger Co.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=KR&action=getcompany)	Consumer Staples	Food Retail	Cincinnati, Ohio		0000056873
LB (https://www.nyse.com/quote/XX XX:LB)	L Brands Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=LB&action=getcompany)	Consumer Discretionary	Apparel Retail	Columbus, Ohio	1983-09-30	0000701985
LLL (https://www.nyse.com/quote/X XXX:LLL)	L-3 Communications Holdings	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=LLL&action=getcomp any)	Industrials	Aerospace & Defense	New York, New York		0001056239
LH (https://www.nyse.com/quote/X XXX:LH)	Laboratory Corp. of America Holding	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=LH&action=getcompany)	Health Care	Health Care Services	Burlington, North Carolina	2004-11-01	0000920148
LRCX (http://www.nasdaq.com/symbol/lrcx)	Lam Research	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=LRCX&action=getcompany)	Information Technology	Semiconductor Equipment	Fremont, California	2012-06-29	0000707549
LEG (https://www.nyse.com/quote/ XXXX:LEG)	Leggett & Platt	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=LEG&action=getcompany)	Consumer Discretionary	Home Furnishings	Carthage, Missouri		0000058492
LEN (https://www.nyse.com/quote/ XXXX:LEN)	Lennar Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=LEN&action=getcompany)	Consumer Discretionary	Homebuilding	Miami, Florida	2005-10-04	0000920760
LUK (https://www.nyse.com/quote/ XXXX:LUK)	Leucadia National Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=LUK&action=getcompany)	Financials	Multi-Sector Holdings	New York, New York	2007-08-27	0000096223
LLY (https://www.nyse.com/quote/X XXX:LLY)	Lilly (Eli) & Co.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=LLY&action=getcompany)	Health Care	Pharmaceuticals	Indianapolis, Indiana	1970-12-31	0000059478
LNC (https://www.nyse.com/quote/ XXXX:LNC)	Lincoln National	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=LNC&action=getcompany)	Financials	Multi-line Insurance	Radnor, Pennsylvania	1976-06-30	0000059558

Ticker symbol	Security	SEC filings	GICS Sector	GICS Sub Industry	Address of Headquarters	Date first added	CIK
LKQ (http://www.nasdaq.com/symbol/lkq)	LKQ Corporation	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=LKQ&action=getcompany)	Consumer Discretionary	Distributors	Chicago, Illinois	2016-05-23	0001065696
LMT (https://www.nyse.com/quote/ XXXX:LMT)	Lockheed Martin Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=LMT&action=getcompany)	Industrials	Aerospace & Defense	Bethesda, Maryland	1984-07-31	0000936468
L (https://www.nyse.com/quote/XXX X:L)	Loews Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=L&action=getcompany)	Financials	Multi-line Insurance	New York, New York		0000060086
LOW (https://www.nyse.com/quote/ XXXX:LOW)	Lowe's Cos.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=LOW&action=getcompany)	Consumer Discretionary	Home Improvement Retail	Mooresville, North Carolina	1984-02-29	0000060667
LYB (https://www.nyse.com/quote/X XXX:LYB)	LyondellBasell	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=LYB&action=getcompany)	Materials	Specialty Chemicals	Rotterdam, Netherlands	2012-09-05	0001489393
MTB (https://www.nyse.com/quote/ XXXX:MTB)	M&T Bank Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MTB&action=getcompany)	Financials	Regional Banks	Buffalo, New York		0000036270
MAC (https://www.nyse.com/quote/ XXXX:MAC)	Macerich	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MAC&action=getcompany)	Real Estate	Retail REITs	Santa Monica, California	2013-05-09	0000912242
M (https://www.nyse.com/quote/XX XX:M)	Macy's Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=M&action=getcompany)	Consumer Discretionary	Department Stores	Cincinnati, Ohio		0000794367
MRO (https://www.nyse.com/quote/ XXXX:MRO)	Marathon Oil Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MRO&action=getcompany)	Energy	Oil & Gas Exploration & Production	Houston, Texas	1991-05-01	0000101778
MPC (https://www.nyse.com/quote/ XXXX:MPC)	Marathon Petroleum	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MPC&action=getcompany)	Energy	Oil & Gas Refining & Marketing	Findlay, Ohio	2011-07-01	0001510295
MAR (http://www.nasdaq.com/symbol/mar)	Marriott Int'l.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MAR&action=getcompany)	Consumer Discretionary	Hotels, Resorts & Cruise Lines	Bethesda, Maryland		0001048286
MMC (https://www.nyse.com/quote/ XXXX:MMC)	Marsh & McLennan	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MMC&action=getcompany)	Financials	Insurance Brokers	New York, New York	1987-08-31	0000062709
MLM (https://www.nyse.com/quote/ XXXX:MLM)	Martin Marietta Materials	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MLM&action=getcompany)	Materials	Construction Materials	Raleigh, North Carolina	2014-07-02	0000916076
MAS (https://www.nyse.com/quote/ XXXX:MAS)	Masco Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MAS&action=getcompany)	Industrials	Building Products	Taylor, Michigan	1981-06-30	0000062996
MA (https://www.nyse.com/quote/X XXX:MA)	Mastercard Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MA&action=getcompany)	Information Technology	Internet Software & Services	Harrison, New York	2008-07-18	0001141391
MAT (http://www.nasdaq.com/symbol/mat)	Mattel Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MAT&action=getcompany)	Consumer Discretionary	Leisure Products	El Segundo, California	1982-03-31	0000063276
MKC (https://www.nyse.com/quote/ XXXX:MKC)	McCormick & Co.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MKC&action=getcompany)	Consumer Staples	Packaged Foods & Meats	Sparks, Maryland		0000063754
MCD (https://www.nyse.com/quote/ XXXX:MCD)	McDonald's Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MCD&action=getcompany)	Consumer Discretionary	Restaurants	Oak Brook, Illinois	1970-06-30	0000063908
MCK (https://www.nyse.com/quote/ XXXX:MCK)	McKesson Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MCK&action=getcompany)	Health Care	Health Care Distributors	San Francisco, California		0000927653
MDT (https://www.nyse.com/quote/ XXXX:MDT)	Medtronic plc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MDT&action=getcompany)	Health Care	Health Care Equipment	Dublin, Ireland	1986-10-31	0000064670
MRK (https://www.nyse.com/quote/ XXXX:MRK)	Merck & Co.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MRK&action=getcompany)	Health Care	Pharmaceuticals	Whitehouse Station, New Jersey		0000310158
MET (https://www.nyse.com/quote/ XXXX:MET)	MetLife Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MET&action=getcompany)	Financials	Life & Health Insurance	New York, New York		0001099219
MTD (https://www.nyse.com/quote/ XXXX:MTD)	Mettler Toledo	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MTD&action=getcompany)	Health Care	Life Sciences Tools & Services	Columbus, Ohio	2016-09-06	0001037646
MGM (https://www.nyse.com/quote/ XXXX:MGM)	MGM Resorts International	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MGM&action=getcompany)	Consumer Discretionary	Casinos & Gaming	Paradise, Nevada	2017-07-26	0000789570

Ticker symbol	Security	SEC filings	SEC filings GICS Sector GICS Sub					
KORS (https://www.nyse.com/quot e/XXXX:KORS)	Michael Kors Holdings	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=KORS&action=getcompany)	Consumer Discretionary	Apparel, Accessories & Luxury Goods	New York, New York	2013-11-13	0001530721	
MCHP (http://www.nasdaq.com/symbol/mchp)	Microchip Technology	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MCHP&action=getcompany)	2007-09-07	0000827054				
MU (http://www.nasdaq.com/symbo l/mu)	Micron Technology	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MU&action=getcompany)	rts (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MU&action=getcomp Technology Information Technology Semiconductors 1					
MSFT (http://www.nasdaq.com/symbol/msft)	Microsoft Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MSFT&action=getcompany)	Information Technology	Systems Software	Redmond, Washington	1994-06-01	0000789019	
MAA (https://www.nyse.com/quote/ XXXX:MAA)	Mid-America Apartments	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MAA&action=getcompany)	Real Estate	Residential REITs	Memphis, Tennessee	2016-12-02	0000912595	
MHK (https://www.nyse.com/quote/ XXXX:MHK)	Mohawk Industries	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MHK&action=getcompany)	Consumer Discretionary	Home Furnishings	Amsterdam, New York	2013-12-23	0000851968	
TAP (https://www.nyse.com/quote/X XXX:TAP)	Molson Coors Brewing Company	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=TAP&action=getcompany)	Consumer Staples	Brewers	Denver, Colorado	1976-06-30	0000024545	
MDLZ (http://www.nasdaq.com/symbol/mdlz)	Mondelez International	reports (https://www.sec.gov/cgi-bin/browse-edgar?company=Mondelez&action=getcompany)	Consumer Staples	Packaged Foods & Meats	Northfield, Illinois	2012-10-02	0001103982	
MON (https://www.nyse.com/quote/ XXXX:MON)	Monsanto Co.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MON&action=getcompany)	Materials	Fertilizers & Agricultural Chemicals	Creve Coeur, Missouri	2002-08-07	0001110783	
MNST (http://www.nasdaq.com/symbol/mnst)	Monster Beverage	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MNST&action=getcompany)	Consumer Staples	Soft Drinks	Corona, California	2012-06-28	0000865752	
MCO (https://www.nyse.com/quote/ XXXX:MCO)	Moody's Corp	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MCO&action=getcompany)	Financials	Financial Exchanges & Data	New York, New York		0001059556	
MS (https://www.nyse.com/quote/X XXX:MS)	Morgan Stanley	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MS&action=getcompany)	Financials	Investment Banking & Brokerage	New York, New York		0000895421	
MOS (https://www.nyse.com/quote/ XXXX:MOS)	The Mosaic Company	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MOS&action=getcompany)	Materials	Fertilizers & Agricultural Chemicals	Plymouth, Minnesota	2011-09-26	0001285785	
MSI (https://www.nyse.com/quote/X XXX:MSI)	Motorola Solutions Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MSI&action=getcompany)	Information Technology	Communications Equipment	Schaumburg, Illinois		0000068505	
MYL (http://www.nasdaq.com/symbol/myl)	Mylan N.V.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=MYL&action=getcompany)	Health Care	Pharmaceuticals	Amsterdam, Netherlands	2004-04-23	0000069499	
NDAQ (http://www.nasdaq.com/symbol/ndaq)	Nasdaq, Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NDAQ&action=getcompany)	Financials	Financial Exchanges & Data	New York, New York	2008-10-22	0001120193	
NOV (https://www.nyse.com/quote/ XXXX:NOV)	National Oilwell Varco Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NOV&action=getcompany)	Energy	Oil & Gas Equipment & Services	Houston, Texas	2005-03-14	0001021860	
NAVI (http://www.nasdaq.com/symbol/navi)	Navient	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NAVI&action=getcompany)	Financials	Consumer Finance	Wilmington, Delaware	2014-05-01	0001593538	
NTAP (http://www.nasdaq.com/symbol/ntap)	NetApp	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NTAP&action=getcompany)	Information Technology	Internet Software & Services	Sunnyvale, California	1999-06-25	0001002047	
NFLX (http://www.nasdaq.com/symbol/nflx)	Netflix Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NFLX&action=getcompany)	Information Technology	Internet Software & Services	Los Gatos, California	2010-12-20	0001065280	
NWL (https://www.nyse.com/quote/ XXXX:NWL)	Newell Brands	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NWL&action=getcompany)	Consumer Discretionary	Housewares & Specialties	Sandy Springs, Georgia	1989-04-30	0000814453	
NFX (https://www.nyse.com/quote/XXXX:NFX)	Newfield Exploration Co	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NFX&action=getcompany)	Energy	Oil & Gas Exploration & Production	Houston, Texas	2010-12-20	0000912750	
NEM (https://www.nyse.com/quote/ XXXX:NEM)	Newmont Mining Corporation	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NEM&action=getcompany)	Materials	Gold	Denver, Colorado	1969-06-30	0001164727	
NWSA (http://www.nasdaq.com/symbol/nwsa)	News Corp. Class A	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NWSA&action=getcompany)	Consumer Discretionary	Publishing	New York, New York	2013-08-01	0001564708	
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Ticker symbol	Security	SEC filings	Address of Headquarters	Date first added	CIK		
NWS (http://www.nasdaq.com/symbol/nws)	News Corp. Class B	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NWSA&action=getcompany)	Consumer Discretionary	Publishing	New York, New York	2015-09-18	0001564708
NEE (https://www.nyse.com/quote/ XXXX:NEE)	NextEra Energy	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NEE&action=getcom pany) Utilities Multi-Utilities Juno Beach, Florida					0000753308
NLSN (https://www.nyse.com/quote/XXXX:NLSN)	Nielsen Holdings	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NLSN&action=getcompany)	2013-07-09	0001492633			
NKE (https://www.nyse.com/quote/ XXXX:NKE)	Nike	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NKE&action=getcompany)	Consumer Discretionary	Apparel, Accessories & Luxury Goods	Washington County, Oregon	1988-11-30	0000320187
NI (https://www.nyse.com/quote/XX XX:NI)	NiSource Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NI&action=getcompany)	Utilities	Multi-Utilities	Merrillville, Indiana		0001111711
NBL (https://www.nyse.com/quote/ XXXX:NBL)	Noble Energy Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NBL&action=getcompany)	Energy	Oil & Gas Exploration & Production	Houston, Texas	2007-10-08	0000072207
JWN (https://www.nyse.com/quote/ XXXX:JWN)	Nordstrom	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=JWN&action=getcompany)	Consumer Discretionary	Department Stores	Seattle, Washington	1986-08-31	0000072333
NSC (https://www.nyse.com/quote/ XXXX:NSC)	Norfolk Southern Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NSC&action=getcompany)	Industrials	Railroads	Norfolk, Virginia		0000702165
NTRS (http://www.nasdaq.com/symbol/ntrs)	Northern Trust Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NTRS&action=getcompany)	Financials	Asset Management & Custody Banks	Chicago, Illinois		0000073124
NOC (https://www.nyse.com/quote/ XXXX:NOC)	Northrop Grumman Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NOC&action=getcompany)	Industrials	Aerospace & Defense	West Falls Church, Virginia	1985-06-30	0001133421
NCLH (http://www.nasdaq.com/symbol/nclh)	Norwegian Cruise Line	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NCLH&action=getcompany)	Consumer Discretionary	Hotels, Resorts & Cruise Lines	Miami, Florida	2017-10-13	0001513761
NRG (https://www.nyse.com/quote/ XXXX:NRG)	NRG Energy	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NRG&action=getcompany)	Utilities	Independent Power Producers & Energy Traders	Princeton, New Jersey	2010-01-29	0001013871
NUE (https://www.nyse.com/quote/ XXXX:NUE)	Nucor Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NUE&action=getcompany)	Materials	Steel	Charlotte, North Carolina	1985-04-30	0000073309
NVDA (http://www.nasdaq.com/symbol/nvda)	Nvidia Corporation	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=NVDA&action=getcompany)	Information Technology	Semiconductors	Santa Clara, California	2001-11-30	0001045810
ORLY (http://www.nasdaq.com/symbol/orly)	O'Reilly Automotive	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ORLY&action=getcompany)	Consumer Discretionary	Specialty Stores	Springfield, Missouri	2009-03-27	0000898173
OXY (https://www.nyse.com/quote/ XXXX:OXY)	Occidental Petroleum	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=OXY&action=getcompany)	Energy	Oil & Gas Exploration & Production	Los Angeles, California	1982-12-31	0000797468
OMC (https://www.nyse.com/quote/ XXXX:OMC)	Omnicom Group	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=OMC&action=getcompany)	Consumer Discretionary	Advertising	New York, New York		0000029989
OKE (https://www.nyse.com/quote/ XXXX:OKE)	ONEOK	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=OKE&action=getcompany)	Energy	Oil & Gas Storage & Transportation	Tulsa, Oklahoma	2010-03-15	0001039684
ORCL (https://www.nyse.com/quote/XXXX:ORCL)	Oracle Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ORCL&action=getcompany)	Information Technology	Application Software	Redwood Shores, California	1989-08-31	0001341439
PCAR (http://www.nasdaq.com/symbol/pcar)	PACCAR Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PCAR&action=getcompany)	Industrials	Construction Machinery & Heavy Trucks	Bellevue, Washington	1980-12-31	0000075362
PKG (https://www.nyse.com/quote/ XXXX:PKG)	Packaging Corporation of America	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PKG&action=getcompany)	Materials	Paper Packaging	Lake Forest, Illinois	2017-07-26	0000075677
PH (https://www.nyse.com/quote/X XXX:PH)	Parker-Hannifin	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PH&action=getcompany)	Industrials	Industrial Machinery	Cleveland, Ohio	1985-11-30	0000076334
PDCO (http://www.nasdaq.com/symbol/pdco)	Patterson Companies	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PDCO&action=getcompany)	Health Care	Health Care Supplies	St. Paul, Minnesota	2005-10-11	0000891024
PAYX (http://www.nasdaq.com/symbol/payx)	Paychex Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PAYX&action=getcompany)	Information Technology	Internet Software & Services	Penfield, New York		0000723531

Ticker symbol	Security	SEC filings	SEC filings GICS Sector GICS Sub Industry				
PYPL (http://www.nasdaq.com/symbol/pypl)	PayPal	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PYPL&action=getcompany)	Information Technology	Data Processing & Outsourced Services	San Jose, California	2015-07-20	0001633917
PNR (https://www.nyse.com/quote/ XXXX:PNR)	Pentair Ltd.	eports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PNR&action=getcom any) Industrials Industrial Machinery Worsley, UK 2012-10-10-10-10-10-10-10-10-10-10-10-10-10-					0000077360
PBCT (http://www.nasdaq.com/symbol/pbct)	People's United Financial	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PBCT&action=getcompany)	Finaliciais Tillia & Wolldade Finalice Diluucuoti Collicui 2000-1				
PEP (https://www.nyse.com/quote/ XXXX:PEP)	PepsiCo Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PEP&action=getcompany)	Consumer Staples	Soft Drinks	Purchase, New York		0000077476
PKI (https://www.nyse.com/quote/X XXX:PKI)	PerkinElmer	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PKI&action=getcompany)	Health Care	Health Care Equipment	Waltham, Massachusetts	1985-05-31	0000031791
PRGO (https://www.nyse.com/quot e/XXXX:PRGO)	Perrigo	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PRGO&action=getcompany)	Health Care	Pharmaceuticals	Dublin, Ireland	2011-12-19	0001585364
PFE (https://www.nyse.com/quote/ XXXX:PFE)	Pfizer Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PFE&action=getcompany)	Health Care	Pharmaceuticals	New York, New York		0000078003
PCG (https://www.nyse.com/quote/ XXXX:PCG)	PG&E Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PCG&action=getcompany)	Utilities	Multi-Utilities	San Francisco, California		0001004980
PM (https://www.nyse.com/quote/X XXX:PM)	Philip Morris International	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PM&action=getcompany)	Consumer Staples	Tobacco	New York, New York	2008-03-31	0001413329
PSX (https://www.nyse.com/quote/ XXXX:PSX)	Phillips 66	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PSX&action=getcompany)	Energy	Oil & Gas Refining & Marketing	Houston, Texas	2012-05-01	0001534701
PNW (https://www.nyse.com/quote/ XXXX:PNW)	Pinnacle West Capital	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PNW&action=getcompany)	Utilities	Multi-Utilities	Phoenix, Arizona		0000764622
PXD (https://www.nyse.com/quote/ XXXX:PXD)	Pioneer Natural Resources	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PXD&action=getcompany)	Energy	Oil & Gas Exploration & Production	Irving, Texas	2008-09-24	0001038357
PNC (https://www.nyse.com/quote/ XXXX:PNC)	PNC Financial Services	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PNC&action=getcompany)	Financials	Regional Banks	Pittsburgh, Pennsylvania	1988-04-30	0000713676
RL (https://www.nyse.com/quote/X XXX:RL)	Polo Ralph Lauren Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=RL&action=getcompany)	Consumer Discretionary	Apparel, Accessories & Luxury Goods	New York, New York	2007-02-02	0001037038
PPG (https://www.nyse.com/quote/ XXXX:PPG)	PPG Industries	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PPG&action=getcompany)	Materials	Specialty Chemicals	Pittsburgh, Pennsylvania		0000079879
PPL (https://www.nyse.com/quote/X XXX:PPL)	PPL Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PPL&action=getcompany)	Utilities	Electric Utilities	Allentown, Pennsylvania		0000922224
PX (https://www.nyse.com/quote/X XXX:PX)	Praxair Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PX&action=getcompany)	Materials	Industrial Gases	Danbury, Connecticut	1992-07-01	0000884905
PCLN (http://www.nasdaq.com/symbol/pcln)	Priceline.com Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PCLN&action=getcompany)	Consumer Discretionary	Internet & Direct Marketing Retail	Norwalk, Connecticut	2009-11-06	0001075531
PFG (https://www.nyse.com/quote/ XXXX:PFG)	Principal Financial Group	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PFG&action=getcompany)	Financials	Life & Health Insurance	Des Moines, Iowa	2002-07-22	0001126328
PG (https://www.nyse.com/quote/X XXX:PG)	Procter & Gamble	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PG&action=getcompany)	Consumer Staples	Personal Products	Cincinnati, Ohio		0000080424
PGR (https://www.nyse.com/quote/ XXXX:PGR)	Progressive Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PGR&action=getcompany)	Financials	Property & Casualty Insurance	Mayfield Village, Ohio	1997-08-04	0000080661
PLD (https://www.nyse.com/quote/ XXXX:PLD)	Prologis	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PLD&action=getcompany)	Real Estate	Industrial REITs	San Francisco, California	2003-07-17	0001045609
PRU (https://www.nyse.com/quote/ XXXX:PRU)	Prudential Financial	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PRU&action=getcompany)	Financials	Life & Health Insurance	Newark, New Jersey	2002-07-22	0001137774
PEG (https://www.nyse.com/quote/ XXXX:PEG)	Public Serv. Enterprise Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PEG&action=getcompany)	Utilities	Electric Utilities	Newark, New Jersey		0000788784
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Ticker symbol	Security	SEC filings	GICS Sector	GICS Sub Industry	Address of Headquarters	Date first added	СІК	
PSA (https://www.nyse.com/quote/ XXXX:PSA)	Public Storage	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PSA&action=getcompany)	Real Estate	Specialized REITs	Glendale, California	2005-08-19	0001393311	
PHM (https://www.nyse.com/quote/ XXXX:PHM)	Pulte Homes Inc.	eports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PHM&action=getcom Discretionary Consumer Discretionary Discretionary 1984-04-30						
PVH (https://www.nyse.com/quote/ XXXX:PVH)	PVH Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PVH&action=getcompany)						
QRVO (http://www.nasdaq.com/symbol/qrvo)	Qorvo	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=QRVO&action=getcompany)	Information Technology	Semiconductors	Greensboro, North Carolina	2015-06-11	0001604778	
PWR (https://www.nyse.com/quote/ XXXX:PWR)	Quanta Services Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=PWR&action=getcompany)	Industrials	Construction & Engineering	Houston, Texas	2009-07-01	0001050915	
QCOM (http://www.nasdaq.com/symbol/qcom)	QUALCOMM Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=QCOM&action=getcompany)	Information Technology	Semiconductors	San Diego, California		0000804328	
DGX (https://www.nyse.com/quote/ XXXX:DGX)	Quest Diagnostics	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DGX&action=getcompany)	Health Care	Health Care Services	Madison, New Jersey	2002-12-12	0001022079	
RRC (https://www.nyse.com/quote/XXXX:RRC)	Range Resources Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=RRC&action=getcompany)	Energy	Oil & Gas Exploration & Production	Fort Worth, Texas	2007-12-21	0000315852	
RJF (https://www.nyse.com/quote/X XXX:RJF)	Raymond James Financial Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=RJF&action=getcompany)	Financials	Investment Banking & Brokerage	St. Petersburg, Florida	2017-03-20	0000720005	
RTN (https://www.nyse.com/quote/ XXXX:RTN)	Raytheon Co.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=RTN&action=getcompany)	Industrials	Aerospace & Defense	Waltham, Massachusetts		0001047122	
O (https://www.nyse.com/quote/XX XX:O)	Realty Income Corporation	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=O&action=getcompany)	Real Estate	Retail REITs	San Diego, California	2015-04-07	0000726728	
RHT (https://www.nyse.com/quote/ XXXX:RHT)	Red Hat Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=RHT&action=getcompany)	Information Technology	Systems Software	Raleigh, North Carolina	2009-07-27	0001087423	
REG (https://www.nyse.com/quote/ XXXX:REG)	Regency Centers Corporation	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=REG&action=getcompany)	Real Estate	Retail REITs	Jacksonville, Florida	2017-03-02	0000910606	
REGN (http://www.nasdaq.com/symbol/regn)	Regeneron	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=REGN&action=getcompany)	Health Care	Biotechnology	Tarrytown, New York	2013-05-01	0000872589	
RF (https://www.nyse.com/quote/X XXX:RF)	Regions Financial Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=RF&action=getcompany)	Financials	Regional Banks	Birmingham, Alabama	1998-08-28	0001281761	
RSG (https://www.nyse.com/quote/ XXXX:RSG)	Republic Services Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=RSG&action=getcompany)	Industrials	Environmental & Facilities Services	Phoenix, Arizona	2008-12-05	0001060391	
RMD (https://www.nyse.com/quote/ XXXX:RMD)	ResMed	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=RMD&action=getcompany)	Health Care	Health Care Equipment	San Diego, California	2017-07-26	0000943819	
RHI (https://www.nyse.com/quote/X XXX:RHI)	Robert Half International	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=RHI&action=getcompany)	Industrials	Human Resource & Employment Services	Menlo Park, California	2000-12-05	0000315213	
ROK (https://www.nyse.com/quote/ XXXX:ROK)	Rockwell Automation Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ROK&action=getcompany)	Industrials	Electrical Components & Equipment	Milwaukee, Wisconsin		0001024478	
COL (https://www.nyse.com/quote/ XXXX:COL)	Rockwell Collins	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=COL&action=getcompany)	Industrials	Aerospace & Defense	Cedar Rapids, Iowa	2001-07-02	0001137411	
ROP (https://www.nyse.com/quote/ XXXX:ROP)	Roper Technologies	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ROP&action=getcompany)	Industrials	Industrial Conglomerates	Sarasota, Florida	2009-12-23	0000882835	
ROST (http://www.nasdaq.com/symbol/rost)	Ross Stores	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ROST&action=getcompany)	Consumer Discretionary	Apparel Retail	Pleasanton, California	2009-12-21	0000745732	
RCL (https://www.nyse.com/quote/XXXX:RCL)	Royal Caribbean Cruises Ltd	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=RCL&action=getcompany)	Consumer Discretionary	Hotels, Resorts & Cruise Lines	Miami, Florida	2014-12-05	0000884887	
CRM (https://www.nyse.com/quote/ XXXX:CRM)	Salesforce.com	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=CRM&action=getcompany)	Information Technology	Internet Software & Services	San Francisco, California	2008-09-15	0001108524	

Ticker symbol	Security	SEC filings	Address of Headquarters	Date first added	CIK			
SBAC (http://www.nasdaq.com/symbol/sbac)	SBA Communications	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SBAC&action=getcompany)	Real Estate	Specialized REITs	Boca Raton, Florida	2017-09-01	0001034054	
SCG (https://www.nyse.com/quote/ XXXX:SCG)	SCANA Corp	orts (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SCG&action=getcom utilities					0000754737	
SLB (https://www.nyse.com/quote/X XXX:SLB)	Schlumberger Ltd.	ports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SLB&action=getcomp y) Energy Oil & Gas Equipment & Services Curação, Kingdom of the Netherlands						
SNI (http://www.nasdaq.com/symbo l/sni)	Scripps Networks Interactive Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SNI&action=getcompany)						
STX (http://www.nasdaq.com/symb_ol/stx)	Seagate Technology	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=STX&action=getcompany)	Information Technology	Technology Hardware, Storage & Peripherals	Dublin, Ireland	2012-07-02	0001137789	
SEE (https://www.nyse.com/quote/ XXXX:SEE)	Sealed Air	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SEE&action=getcom pany)	Materials	Paper Packaging	Elmwood Park, New Jersey		0001012100	
SRE (https://www.nyse.com/quote/ XXXX:SRE)	Sempra Energy	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SRE&action=getcompany)	Utilities	Multi-Utilities	San Diego, California		0001032208	
SHW (https://www.nyse.com/quote/ XXXX:SHW)	Sherwin-Williams	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SHW&action=getcompany)	Materials	Specialty Chemicals	Cleveland, Ohio	1964-06-30	0000089800	
SIG (https://www.nyse.com/quote/X XXX:SIG)	Signet Jewelers	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SIG&action=getcompany)	Consumer Discretionary	Specialty Stores	Hamilton, Bermuda	2015-07-29	0000832988	
SPG (https://www.nyse.com/quote/ XXXX:SPG)	Simon Property Group Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SPG&action=getcompany)	Real Estate	Retail REITs	Indianapolis, Indiana	2002-06-26	0001063761	
SWKS (http://www.nasdaq.com/symbol/swks)	Skyworks Solutions	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SWKS&action=getcompany)	Information Technology	Semiconductors	Woburn, Massachusetts	2015-03-12	0000004127	
SLG (https://www.nyse.com/quote/ XXXX:SLG)	SL Green Realty	reports (https://www.sec.gov/cgi-bin/browse-edgar?SLG=NBR&action=getcompany)	Real Estate	Office REITs	New York, New York	2015-03-20	0001040971	
SNA (https://www.nyse.com/quote/ XXXX:SNA)	Snap-On Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SNA&action=getcompany)	Consumer Discretionary	Household Appliances	Kenosha, Wisconsin	1982-09-30	0000091440	
SO (https://www.nyse.com/quote/X XXX:SO)	Southern Co.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SO&action=getcompany)	Utilities	Electric Utilities	Atlanta, Georgia		0000092122	
LUV (https://www.nyse.com/quote/ XXXX:LUV)	Southwest Airlines	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=LUV&action=getcompany)	Industrials	Airlines	Dallas, Texas	1994-07-01	0000092380	
SPGI (https://www.nyse.com/quote/ XXXX:SPGI)	S&P Global, Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SPGI&action=getcompany)	Financials	Financial Exchanges & Data	New York, New York		0000064040	
SWK (https://www.nyse.com/quote/ XXXX:SWK)	Stanley Black & Decker	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SWK&action=getcompany)	Consumer Discretionary	Household Appliances	New Britain, Connecticut	1982-09-30	0000093556	
SBUX (http://www.nasdaq.com/symbol/sbux)	Starbucks Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SBUX&action=getcompany)	Consumer Discretionary	Restaurants	Seattle, Washington		0000829224	
STT (https://www.nyse.com/quote/X XXX:STT)	State Street Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=STT&action=getcompany)	Financials	Asset Management & Custody Banks	Boston, Massachusetts		0000093751	
SRCL (http://www.nasdaq.com/symbol/srcl)	Stericycle Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SRCL&action=getcompany)	Industrials	Environmental & Facilities Services	Lake Forest, Illinois	2008-11-19	0000861878	
SYK (https://www.nyse.com/quote/ XXXX:SYK)	Stryker Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SYK&action=getcompany)	Health Care	Health Care Equipment	Kalamazoo, Michigan	2000-12-12	0000310764	
STI (https://www.nyse.com/quote/X XXX:STI)	SunTrust Banks	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=STI&action=getcompany)	Financials	Regional Banks	Atlanta, Georgia	1988-05-31	0000750556	
SYMC (http://www.nasdaq.com/symbol/symc)	Symantec Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SYMC&action=getcompany)	Information Technology	Application Software	Mountain View, California	2003-03-25	0000849399	
SYF (https://www.nyse.com/quote/XXXX:SYF)	Synchrony Financial	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SYF&action=getcompany)	Financials	Consumer Finance	Stamford, Connecticut	2015-11-18	0001601712	
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Ticker symbol	Security	SEC filings	SEC filings GICS Sector GICS Sub Industry Address of Headquarters				
SNPS (http://www.nasdaq.com/symbol/snps)	Synopsys Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SNPS&action=getcompany)	Information Technology	Application Software	Mountain View, California	2017-03-16	0000883241
SYY (https://www.nyse.com/quote/ XXXX:SYY)	Sysco Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=SYY&action=getcom pany)	Consumer Staples	Food Distributors	Houston, Texas	1986-12-31	0000096021
TROW (http://www.nasdaq.com/sy mbol/trow)	T. Rowe Price Group	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=TROW&action=getcompany)	Financials	Asset Management & Custody Banks	Baltimore, Maryland		0001113169
TPR (https://www.nyse.com/quote/ XXXX:TPR)	Tapestry, Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=TPR&action=getcompany)	Consumer Discretionary	Apparel, Accessories & Luxury Goods	New York, New York		0001116132
TGT (https://www.nyse.com/quote/ XXXX:TGT)	Target Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=TGT&action=getcompany)	Consumer Discretionary	General Merchandise Stores	Minneapolis, Minnesota	1976-12-31	0000027419
TEL (https://www.nyse.com/quote/X XXX:TEL)	TE Connectivity Ltd.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=TEL&action=getcompany)	Information Technology	Electronic Manufacturing Services	Schaffhausen, Switzerland	2011-10-17	0001385157
FTI (https://www.nyse.com/quote/X XXX:FTI)	TechnipFMC	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=FTI&action=getcomp any)	Energy	Oil & Gas Equipment & Services	London, United Kingdom	2009-06-05	0001681459
TXN (http://www.nasdaq.com/symbol/txn)	Texas Instruments	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=TXN&action=getcompany)	Information Technology	Semiconductors	<u>Dallas, Texas</u>		0000097476
TXT (https://www.nyse.com/quote/X XXX:TXT)	Textron Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=TXT&action=getcompany)	Industrials	Aerospace & Defense	Providence, Rhode Island	1978-12-31	0000217346
TMO (https://www.nyse.com/quote/ XXXX:TMO)	Thermo Fisher Scientific	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=TMO&action=getcompany)	Health Care	Health Care Equipment	Waltham, Massachusetts		0000097745
TIF (https://www.nyse.com/quote/X XXX:TIF)	Tiffany & Co.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=TIF&action=getcompany)	Consumer Discretionary	Apparel, Accessories & Luxury Goods	New York, New York	2000-06-21	0000098246
TWX (https://www.nyse.com/quote/ XXXX:TWX)	Time Warner Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=TWX&action=getcompany)	Consumer Discretionary	Cable & Satellite	New York, New York		0001105705
TJX (https://www.nyse.com/quote/X XXX:TJX)	TJX Companies Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=TJX&action=getcompany)	Consumer Discretionary	Apparel Retail	Framingham, Massachusetts	1985-09-30	0000109198
TMK (https://www.nyse.com/quote/ XXXX:TMK)	Torchmark Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=TMK&action=getcompany)	Financials	Life & Health Insurance	McKinney, Texas	1989-04-30	0000320335
TSS (https://www.nyse.com/quote/ XXXX:TSS)	Total System Services	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=TSS&action=getcompany)	Information Technology	Internet Software & Services	Columbus, Georgia	2008-01-02	0000721683
TSCO (http://www.nasdaq.com/symbol/tsco)	Tractor Supply Company	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=TSCO&action=getcompany)	Consumer Discretionary	Specialty Stores	Brentwood, Tennessee	2014-01-24	0000916365
TDG (https://www.nyse.com/quote/ XXXX:TDG)	TransDigm Group	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=TDG&action=getcompany)	Industrials	Aerospace & Defense	Cleveland, Ohio	2016-06-03	0001260221
TRV (https://www.nyse.com/quote/ XXXX:TRV)	The Travelers Companies Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=TRV&action=getcompany)	Financials	Property & Casualty Insurance	New York, New York	2002-08-21	0000086312
TRIP (http://www.nasdaq.com/symbol/trip)	TripAdvisor	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=TRIP&action=getcompany)	Consumer Discretionary	Internet & Direct Marketing Retail	Newton, Massachusetts	2011-12-21	0001526520
FOXA (http://www.nasdaq.com/symbol/foxa)	Twenty-First Century Fox Class A	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=FOXA&action=getcompany)	Consumer Discretionary	Publishing	New York, New York	2013-07-01	0001308161
FOX (http://www.nasdaq.com/symbol/fox)	Twenty-First Century Fox Class B	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=FOXA&action=getcompany)	Consumer Discretionary	Publishing	New York, New York	2015-09-18	0001308161
TSN (https://www.nyse.com/quote/ XXXX:TSN)	Tyson Foods	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=TSN&action=getcompany)	Consumer Staples	Packaged Foods & Meats	Springdale, Arkansas		0000100493
UDR (https://www.nyse.com/quote/ XXXX:UDR)	UDR Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=UDR&action=getcompany)	Real Estate	Residential REITs	Highlands Ranch, Colorado	2016-03-07	0000074208
ULTA (http://www.nasdaq.com/symbol/ulta)	Ulta Salon Cosmetics & Fragrance Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ULTA&action=getcompany)	Consumer Discretionary	Specialty Stores	Bolingbrook, Illinois	2016-04-18	0001403568

Ticker symbol	Security	SEC filings	GICS Sector	GICS Sub Industry	Address of Headquarters	Date first added	CIK
USB (https://www.nyse.com/quote/ XXXX:USB)	U.S. Bancorp	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=USB&action=getcompany)	Financials	Diversified Banks	Minneapolis, Minnesota		0000036104
UAA (https://www.nyse.com/quote/ XXXX:UAA)	Under Armour Class A	eports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=UA&action=getcompa Discretionary Consumer Goods Apparel, Accessories & Luxury Goods Baltimore, Maryland 2016-03					0001336917
UA (https://www.nyse.com/quote/X XXX:UA)	Under Armour Class C	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=UA&action=getcompany)					
UNP (https://www.nyse.com/quote/ XXXX:UNP)	Union Pacific	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=UNP&action=getcompany)	Industrials	Railroads	Omaha, Nebraska		0000100885
UAL (https://www.nyse.com/quote/ XXXX:UAL)	United Continental Holdings	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=UAL&action=getcompany)	Industrials	Airlines	Chicago, Illinois	2015-09-03	0000100517
UNH (https://www.nyse.com/quote/ XXXX:UNH)	United Health Group Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=UNH&action=getcompany)	Health Care	Managed Health Care	Minnetonka, Minnesota	1994-07-01	0000731766
UPS (https://www.nyse.com/quote/ XXXX:UPS)	United Parcel Service	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=UPS&action=getcompany)	Industrials	Air Freight & Logistics	Atlanta, Georgia	2002-07-22	0001090727
URI (https://www.nyse.com/quote/X XXX:URI)	United Rentals, Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=URI&action=getcompany)	Industrials	Trading Companies & Distributors	Stamford, Connecticut	2014-09-20	0001067701
UTX (https://www.nyse.com/quote/ XXXX:UTX)	United Technologies	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=UTX&action=getcompany)	Industrials	Aerospace & Defense	Hartford, Connecticut		0000101829
UHS (https://www.nyse.com/quote/ XXXX:UHS)	Universal Health Services, Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=UHS&action=getcompany)	Health Care	Health Care Facilities	King of Prussia, Pennsylvania	2014-09-20	0000352915
UNM (https://www.nyse.com/quote/ XXXX:UNM)	Unum Group	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=UNM&action=getcompany)	Financials	Life & Health Insurance	Chattanooga, Tennessee	1994-03-01	0000005513
VFC (https://www.nyse.com/quote/ XXXX:VFC)	V.F. Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=VFC&action=getcompany)	Consumer Discretionary	Apparel, Accessories & Luxury Goods	Greensboro, North Carolina	1979-06-30	0000103379
VLO (https://www.nyse.com/quote/ XXXX:VLO)	Valero Energy	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=VLO&action=getcompany)	Energy	Oil & Gas Refining & Marketing	San Antonio, Texas		0001035002
VAR (https://www.nyse.com/quote/ XXXX:VAR)	Varian Medical Systems	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=VAR&action=getcompany)	Health Care	Health Care Equipment	Palo Alto, California	2007-02-12	0000203527
VTR (https://www.nyse.com/quote/ XXXX:VTR)	Ventas Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=VTR&action=getcompany)	Real Estate	Health Care REITs	Chicago, Illinois	2009-03-04	0000740260
VRSN (http://www.nasdaq.com/symbol/vrsn)	Verisign Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=VRSN&action=getcompany)	Information Technology	Internet Software & Services	<u>Dulles, Virginia</u>	2006-02-01	0001014473
VRSK (http://www.nasdaq.com/symbol/vrsk)	Verisk Analytics	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=VRSK&action=getcompany)	Industrials	Research & Consulting Services	Jersey City, New Jersey	2015-10-08	0001442145
VZ (https://www.nyse.com/quote/X XXX:VZ)	Verizon Communications	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=VZ&action=getcompany)	Telecommunication Services	Integrated Telecommunication Services	New York, New York	1983-11-30	0000732712
VRTX (http://www.nasdaq.com/symbol/vrtx)	Vertex Pharmaceuticals Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=VRTX&action=getcompany)	Health Care	Biotechnology	Cambridge, Massachusetts	2013-09-23	0000875320
VIAB (http://www.nasdaq.com/symbol/viab)	Viacom Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=VIAB&action=getcompany)	Consumer Discretionary	Cable & Satellite	New York, New York		0001339947
V (https://www.nyse.com/quote/XX XX:V)	Visa Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=V&action=getcompany)	Information Technology	Internet Software & Services	San Francisco, California	2009-12-21	0001403161
VNO (https://www.nyse.com/quote/ XXXX:VNO)	Vornado Realty Trust	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=VNO&action=getcompany)	Real Estate	Office REITs	New York, New York		0000899689
VMC (https://www.nyse.com/quote/ XXXX:VMC)	Vulcan Materials	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=VMC&action=getcompany)	Materials	Construction Materials	Birmingham, Alabama	1999-06-30	0001396009
WMT (https://www.nyse.com/quote/ XXXX:WMT)	Wal-Mart Stores	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=WMT&action=getcompany)	Consumer Staples	Hypermarkets & Super Centers	Bentonville, Arkansas	1982-08-31	0000104169
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Ticker symbol	Security	SEC filings	SEC fillings GICS Sector GICS Sub Industry Address of Headquarters ac				
WBA (http://www.nasdaq.com/symbol/wba)	Walgreens Boots Alliance	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=WBA&action=getcompany)	Consumer Staples	Drug Retail	Deerfield, Illinois	1979-12-31	0001618921
DIS (https://www.nyse.com/quote/X XXX:DIS)	The Walt Disney Company	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=DIS&action=getcompany)	Consumer Discretionary	Cable & Satellite	Burbank, California	0001001039	
WM (https://www.nyse.com/quote/X XXX:WM)	Waste Management Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=WM&action=getcompany)	Industrials	Environmental & Facilities Services	Houston, Texas		0000823768
WAT (https://www.nyse.com/quote/ XXXX:WAT)	Waters Corporation	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=WAT&action=getcompany)	Health Care	Health Care Distributors	Milford, Massachusetts		0001000697
WEC (https://www.nyse.com/quote/ XXXX:WEC)	Wec Energy Group Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=WEC&action=getcompany)	Utilities	Electric Utilities	Milwaukee, Wisconsin	2008-10-31	0000783325
WFC (https://www.nyse.com/quote/ XXXX:WFC)	Wells Fargo	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=WFC&action=getcompany)	Financials	Diversified Banks	San Francisco, California	1976-06-30	0000072971
HCN (https://www.nyse.com/quote/ XXXX:HCN)	Welltower Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=HCN&action=getcompany)	Real Estate	Health Care REITs	Toledo, Ohio	2009-01-30	0000766704
WDC (http://www.nasdaq.com/symbol/wdc)	Western Digital	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=WDC&action=getcompany)	Information Technology	Technology Hardware, Storage & Peripherals	Irvine, California	2009-07-01	0000106040
WU (https://www.nyse.com/quote/X XXX:WU)	Western Union Co	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=WU&action=getcompany)	Information Technology	Internet Software & Services	Englewood, Colorado		0001365135
WRK (https://www.nyse.com/quote/ XXXX:WRK)	WestRock Company	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=WRK&action=getcompany)	Materials	Paper Packaging	Richmond, Virginia		0001636023
WY (https://www.nyse.com/quote/X XXX:WY)	Weyerhaeuser Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=WY&action=getcompany)	Real Estate	Specialized REITs	Federal Way, Washington		0000106535
WHR (https://www.nyse.com/quote/ XXXX:WHR)	Whirlpool Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=WHR&action=getcompany)	Consumer Discretionary	Household Appliances	Benton Harbor, Michigan		0000106640
WMB (https://www.nyse.com/quote/ XXXX:WMB)	Williams Cos.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=WMB&action=getcompany)	Energy	Oil & Gas Storage & Transportation	Tulsa, Oklahoma	1975-03-31	0000107263
WLTW (http://www.nasdaq.com/symbol/wltw)	Willis Towers Watson	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=WLTW&action=getcompany)	Financials	Insurance Brokers	London, United Kingdom	2016-01-05	0001140536
WYN (https://www.nyse.com/quote/ XXXX:WYN)	Wyndham Worldwide	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=WYN&action=getcompany)	Consumer Discretionary	Hotels, Resorts & Cruise Lines	Parsippany, New Jersey		0001361658
WYNN (http://www.nasdaq.com/symbol/wynn)	Wynn Resorts Ltd	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=WYNN&action=getcompany)	Consumer Discretionary	Casinos & Gaming	Paradise, Nevada	2008-11-14	0001174922
XEL (https://www.nyse.com/quote/X XXX:XEL)	Xcel Energy Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=XEL&action=getcompany)	Utilities	Multi-Utilities	Minneapolis, Minnesota		0000072903
XRX (https://www.nyse.com/quote/ XXXX:XRX)	Xerox Corp.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=XRX&action=getcompany)	Information Technology	Technology Hardware, Storage & Peripherals	Norwalk, Connecticut		0000108772
XLNX (http://www.nasdaq.com/symbol/xlnx)	Xilinx Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=XLNX&action=getcompany)	Information Technology	Semiconductors	San Jose, California	1999-11-08	0000743988
XL (https://www.nyse.com/quote/XX XX:XL)	XL Capital	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=XL&action=getcompany)	Financials	Property & Casualty Insurance	Hamilton, Bermuda		0000875159
XYL (https://www.nyse.com/quote/X XXX:XYL)	Xylem Inc.	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=XYL&action=getcompany)	Industrials	Industrial Machinery	White Plains, New York	2011-11-01	0001524472
YUM (https://www.nyse.com/quote/ XXXX:YUM)	Yum! Brands Inc	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=YUM&action=getcompany)	Consumer Discretionary	Restaurants	Louisville, Kentucky	1997-10-06	0001041061
ZBH (https://www.nyse.com/quote/ XXXX:ZBH)	Zimmer Biomet Holdings	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ZBH&action=getcompany)	Health Care	Health Care Equipment	Warsaw, Indiana	2001-08-07	0001136869
ZION (http://www.nasdaq.com/symbol/zion)	Zions Bancorp	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ZION&action=getcompany)	Financials	Regional Banks	Salt Lake City, Utah		0000109380

Ticker symbol	Security	SEC filings	GICS Sector	GICS Sub Industry	Address of Headquarters	Date first added	CIK
ZTS (https://www.nyse.com/quote/X XXX:ZTS)	Zoetis	reports (https://www.sec.gov/cgi-bin/browse-edgar?CIK=ZTS&action=getcompany)	Health Care	Pharmaceuticals	Florham Park, New Jersey	2013-06-21	0001555280

Recent changes to the list of S&P 500 Components

S&P Dow Jones Indices updates the components of the S&P 500 periodically, typically in response to acquisitions, or to keep the index up to date as various companies grow or shrink in value. Between January 1, 1963 and December 31, 2014, 1,186 index components were replaced by other components.

		Added		Removed	
Date	Ticker	Security	Ticker	Security	Reason
January 3, 2018	HII	Huntington Ingalls Industries	BCR	CR Bard	Becton Dickinson acquired BCR. ^[9]
October 13, 2017	NCLH	Norwegian Cruise Line	LVLT	Level 3 Communications	CenturyLink Inc acquired LVLT.[10]
September 18, 2017	CDNS	Cadence Design Systems	SPLS	Staples Inc.	Sycamore Partners acquired Staples. ^[11]
September 1, 2017	SBAC	SBA Communications	DD	DuPont	The Dow Chemical Company acquired DuPont. ^[12]
August 29, 2017	Q	QuintilesIMS	WFM	Whole Foods Market	Amazon.com Inc. acquired Whole Foods Market. ^[12]
August 8, 2017			AN	AutoNation Inc	BHF replaced AN ^[13]
August 7, 2017	BHF	Brighthouse Financial Inc			MET spun off BHF ^[13]
	DRE	Duke Realty Corp	RIG	Transocean	
	AOS	A.O. Smith	BBBY	Bed Bath & Beyond	Market as ritalization above as [14]
July 26, 2017	PKG	Packaging Corporation of America	MUR	Murphy Oil	Market capitalization changes. ^[14]
	RMD	ResMed	MNK	Mallinckrodt	
	MGM	MGM Resorts International	RAI	Reynolds American	British American Tobacco plc (NYSE MKT:BTI) acquired Reynolds American.[14]
	HLT	Hilton Worldwide Holdings Inc.	YHOO	Yahoo! Inc.	VZ acquired YHOO operations; remainder of YHOO converted to closed-end company known as Altaba. [15]
June 19, 2017	ALGN	Align Technology Inc.	TDC	Teradata Corp.	Market capitalization changes. ^[15]
Julie 19, 2017	ANSS	ANSYS Inc.	R	Ryder Systems Inc.	Market Capitalization Changes.
	RE	Everest Re Group	MJN	Mead Johnson	Reckitt Benckiser Group plc acquired Mead Johnson Nutrition. ^[16]
June 2, 2017	INFO	IHS Markit Ltd.	TGNA	Tegna, Inc.	TGNA spins off Cars.com ^[17]
April 5, 2017	IT	Gartner Inc	DNB	Dun & Bradstreet	IT acquiring CEB ^[18]
April 4, 2017	DXC	DXC Technology	SWN	Southwestern Energy	HPE spins off Everett Inc., merged with CSC to form DXC ^{[19][20]}
	AMD	Advanced Micro Devices	URBN	Urban Outfitters	
March 20, 2017	RJF	Raymond James Financial	FTR	Frontier Communications	Market capitalization changes. ^[21]
	ARE	Alexandria Real Estate Equities	FSLR	First Solar	
March 16, 2017	SNPS	Synopsys	HAR	Harman Int'l Industries	Samsung Electronics Co. Ltd. acquired Harman International Industries. ^[22]
March 13, 2017	DISH	Dish Network	LLTC	Linear Technology	S&P 500 constituent Analog Devices Inc. (NASD:ADI) acquired Linear Technology. ^[23]
March 2, 2017	REG	Regency Centers Corporation	ENDP	Endo International plc	REG acquires EQY ^[24]
March 1, 2017	CBOE	CBOE Holdings	PBI	Pitney Bowes Inc	CBOE acquires BATS ^[24]
February 28, 2017	INCY	Incyte	SE	Spectra Energy Corp	SE acquired by ENB ^[24]
January 5, 2017	IDXX	IDEXX Laboratories	STJ	St. Jude Medical	S&P 100 & 500 constituent Abbott Laboratories (NYSE:ABT) acquired St. Jude Medical. ^[25]
December 2, 2016	MAA	Mid-America Apartments	OI	Owens-Illinois	Market capitalization changes ^[26]
December 2, 2010	EVHC	Envision Healthcare	LM	Legg Mason	Market capitalization changes:
September 30, 2016	COTY	Coty, Inc.	DO	Diamond Offshore Drilling	COTY replaces DO ^[27]
September 22, 2016	COO	The Cooper Companies	НОТ	Starwood Hotels & Resorts Worldwide Inc	MAR acquires HOT ^[28]
September 8, 2016	CHTR	Charter Communications	EMC	EMC Corporation	Dell acquires EMC ^[29]
September 6, 2016	MTD	Mettler Toledo	JCI	Johnson Controls Inc	TYC acquires JCI (and becomes new JCI). ^[30]
July 5, 2016	FTV	Fortive Corp	CPGX	Columbia Pipeline Group	CPGX acquired by TRP ^[31]
July 1, 2016	LNT	Alliant Energy Corp	GAS	AGL Resources	GAS acquired by SO ^[32]
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July 1, 2016	ALB	Albemarle Corp	TE	TECO Energy	TE acquired by EMA ^[31]
June 22, 2016	FBHS	Fortune Brands Home & Security	CVC	Cablevision Systems	CVC acquired by Altice NV ^[33]
June 20, 2016	UA-C	Under Armour Class C			Under Armour distribution of second class of stock
June 3, 2016	TDG	TransDigm Group	BXLT	Baxalta Inc	SHPG acquiring BXLT ^[34]
May 31, 2016	AJG	Arthur J. Gallagher & Co.	CCE	Coca-Cola Enterprises	CCE merging with European bottlers ^[35]
May 23, 2016	LKQ	LKQ Corporation	ARG	Airgas Inc	ARG acquired by Air Liquide ^[36]
May 18, 2016	DLR	Digital Realty Trust	TWC	Time Warner Cable	TWC acquired by CHTR ^[37]
May 13, 2016	ALK	Alaska Air Group Inc	SNDK	SanDisk Corporation	SNDK acquired by WDC ^[38]
May 3, 2016	AYI	Acuity Brands Inc	ADT	ADT Corp	ADT acquired by APO ^[39]
April 25, 2016	GPN	Global Payments Inc.	GME	GameStop	Global Payments is acquiring Heartland Payment Systems ^[40]
April 18, 2016	ULTA	Ulta Salon, Cosmetics & Fragrance Inc	THC	Tenet Healthcare	Ulta replaces Tenet ^[41]
April 4, 2016	FL	Foot Locker Inc	CAM	Cameron International	Schlumberger acquired Cameron ^[42]
March 30, 2016	HOLX	Hologic Inc	POM	Pepco Holdings Inc	Exelon Corp acquired Pepco ^[43]
March 30, 2016	CNC	Centene Corporation	ESV	Ensco plc	Centene acquired Health Net ^[43]
March 7, 2016	UDR	UDR Inc	GMCR	Keurig Green Mountain	JAB Holding Company acquired Keurig Green Mountain ^[44]
March 4, 2016	AWK	American Water Works Company Inc	CNX	Consol Energy	AWK replaces CNX ^[45]
February 22, 2016	схо	Concho Resources	PCL	Plum Creek Timber	PCL taken over by WY ^[46]
February 1, 2016	CFG	Citizens Financial Group	PCP	Precision Castparts Corp.	CFG replaces PCP ^[47]
February 1, 2016	FRT	Federal Realty Investment Trust	BRCM	Broadcom Corporation	FRT replaces BRCM ^[48]
January 19, 2016	EXR	Extra Space Storage	СВ	Chubb Corp	EXR replaces CB ^[49]
January 5, 2016	WLTW	Willis Towers Watson	FOSL	Fossil Group	WSH merges with TW (and renames to WLTW) ^[50]
December 29, 2015	CHD	Church & Dwight	ALTR	Altera Corp	ALTR taken over by INTC ^[51]
December 15, 2015			CMCSK	Comcast K Corp	CMCSK shares no longer listed ^[52]
December 1, 2015	CSRA	CSRA Inc	CSC	Computer Sciences Corp	CSC spins off CSRA ^[53]
November 19, 2015	ILMN	Illumina Inc	SIAL	Sigma-Aldrich Corp	Sigma-Aldrich acquired by Merck KGaA (MKGAY) ^[54]
November 18, 2015	SYF	Synchrony Financial	GNW	Genworth Financial	GE spinning off Synchrony Financial ^[55]
November 2, 2015	HPE	Hewlett Packard Enterprise	HCBK	Hudson City Bancorp Inc	HPQ spins off HPE ^[56]
October 7, 2015	VRSK	Verisk Analytics	JOY	Joy Global	Market capitalization change. ^[57]
	CMCSK	Comcast Class K Special			
September 18, 2015	FOX	Twenty-First Century Fox Class B			Share class methodology change ^[58]
	NWS	News Corporation Class B			
September 2, 2015	UAL	United Continental Holdings	HSP	Hospira Inc	Hospira taken over ^[59]
August 28, 2015	ATVI	Activision Blizzard	PLL	Pall Corp	Pall taken over ^[59]
July 29, 2015	SIG	Signet Jewelers	DTV	DirecTV	DirectTV acquired by AT&T ^[60]
July 20, 2015	PYPL	PayPal	NE	Noble Corp	PayPal Spun off by eBay ^[61]
July 8, 2015	AAP	Advance Auto Parts	FDO	Family Dollar Stores Inc.	Family Dollar Acquired. ^[62]
July 6, 2015	KHC	Kraft Heinz	KRFT	Kraft Foods Group	Kraft merger with Heinz. ^[63]
July 2, 2015	CPGX	Columbia Pipeline Group	ATI	Allegheny Technologies	Spin off of Columbia Pipeline. ^[64]

July 1, 2015	JBHT	J. B. Hunt	TEG	Integrys Energy Group Inc.	Integris taken over. ^[65]
July 1, 2015	BXLT	Baxalta	QEP	QEP Resources	Baxalta spun off by Baxter. ^[66]
June 11, 2015	QRVO	Qorvo	LO	Lorillard Inc.	Lorillard Inc. gets acquired. ^[67]
April 7, 2015	0	Realty Income Corporation	WIN	Windstream Holdings Inc	Market capitalization change. ^[68]
March 23, 2015	AAL	American Airlines Group	AGN	Allergan, Inc	Allergan acquired by Actavis plc (and changed name to Allergan, pl. ^[69]
March 23, 2015	EQIX	Equinix	DNR	Denbury Resources	Market Capitalization Changes. ^[70]
	SLG	SL Green Realty	NBR	Nabors Industries	
	НВІ	Hanesbrands	AVP	Avon Products	
March 18, 2015	HSIC	Henry Schein	CFN	Carefusion	Carefusion acquired by Becton Dickinson ^[71]
March 12, 2015	SWKS	Skyworks Solutions Inc.	PETM	PetSmart Inc.	PetSmart acquired by private equity consortium ^[72]
January 27, 2015	HCA	HCA Holdings	SWY	Safeway Inc	Safeway acquired by private equity consortium ^[73]
January 27, 2015	ENDP	Endo International	COV	Covidien	Covidien acquired by Medtronic ^[74]
December 5, 2014	RCL	Royal Caribbean Cruises	BMS	Bemis Company	Market cap changes ^[75]
November 5, 2014	LVLT	Level 3 Communications	JBL	Jabil Circuit	Market cap changes ^[76]
Contombor 20, 2014	URI	United Rentals	BTU	Peabody Energy	Market and a [77]
September 20, 2014	UHS	Universal Health Services	GHC	Graham Holdings	Market cap changes ^[77]
August 18, 2014	MNK	Mallinckrodt Plc	RDC	Rowan Companies Plc	Market cap changes ^[78]
August 6, 2014	DISCK	Discovery Communications			Class C share distribution ^[79]
July 2, 2014	MLM	Martin Marietta Materials	Х	United States Steel Corporation	Market capitalization changes ^[80]
July 1, 2014	AMG	Affiliated Managers Group	FRX	Forest Laboratories	Actavis acquires Forest Laboratories ^[81]
June 20, 2014	XEC	Cimarex Energy	IGT	International Game Technology	Market capitalization changes ^[82]
May 8, 2014	AVGO	Avago Technologies	LSI	LSI Corporation	Avago acquires LSI ^[83]
May 1, 2014	UA	Under Armour	BEAM	Beam Inc.	Beam acquired by Suntory ^[84]
May 1, 2014	NAVI	Navient	SLM	SLM Corporation	Navient Spun off from SLM ^[84]
April 3, 2014	GOOGL	Google Inc.			Google Class C share distribution ^[85]
April 2, 2014	ESS	Essex Property Trust Inc	CLF	Cliffs Natural Resources	Market capitalization changes ^[86]
March 21, 2014	GMCR	Keurig Green Mountain	WPX	WPX Energy, Inc.	Market capitalization changes ^[87]
January 24, 2014	TSCO	Tractor Supply Company	LIFE	Life Technologies	Life Technologies acquired by Thermo Fisher Scientific Inc ^[88]
	ADS	Alliance Data Systems	ANF	Abercrombie & Fitch	
December 23, 2013	MHK	Mohawk Industries	JDSU	JDS Uniphase	Market capitalization changes ^[89]
	FB	Facebook	TER	Teradyne	
December 10, 2013	GGP	General Growth Properties	MOLX	Molex Inc.	MOLX acquired by Koch Industries ^[90]
December 2, 2013	ALLE	Allegion	JCP	J.C. Penney	Allegion spun off by Ingersoll Rand ^[91]
November 13, 2013	KORS	Michael Kors	NYX	NYSE Euronext	ICE Exchange acquired NYSE Euronext ^[92]
October 29, 2013	RIG	Transocean	DELL	Dell, Inc.	Founder Michael Dell and Silver Lake Partners acquired Dell. ^[93]
September 20, 2013	VRTX	Vertex Pharmaceuticals	AMD	Advanced Micro Devices	Market capitalization changes ^[94]
	AME	Ametek	SAIC	SAIC	
September 10, 2013	DAL	Delta Air Lines	ВМС	BMC Software	BMC taken private by consortium ^[95]

July 8, 2013	NLSN	Nielsen Holdings	S	Sprint Nextel Corp.	Softbank consortium purchase results in public float below 50% ^[96]
June 28, 2013	FOXA	21st Century Fox	APOL	Apollo Group Inc.	Apollo Group's market cap more representative of a mid-cap ^[97]
June 21, 2013	ZTS	Zoetis	FHN	First Horizon	Zoetis spun off by Pfizer ^[98]
June 6, 2013	GM	General Motors	HNZ	H. J. Heinz Company	HNZ acquired by consortium ^[99]
May 23, 2013	KSU	Kansas City Southern	DF	Dean Foods	DF too small after spinoff of White Wave Foods ^[100]
May 8, 2013	MAC	Macerich	CVH	Coventry Health Care	Acquired by Aetna (AET) ^[101]
April 30, 2013	REGN	Regeneron	PCS	MetroPCS	A majority of MetroPCS was acquired by T-Mobile ^[102]
February 15, 2013	PVH	PVH Corp.	BIG	Big Lots Inc.	Market capitalization changes ^[103]
December 31, 2012	ABBV	AbbVie	FII	Federated Investors	ABBV spun off from Abbott Labs (ABT) ^[104]
December 21, 2012	DLPH	Delphi Automotive	TIE	Titanium Metals	TIE acquired by Precision Cast Parts (PCP) ^[105]
December 11, 2012	GRMN	Garmin Ltd.	RRD	R.R. Donnelley	Market capitalization changes ^[106]
December 3, 2012	DG	Dollar General	CBE	Cooper Industries	Acquired by Eaton Corp. (ETN) ^[107]
October 10, 2012	PETM	PetSmart, Inc.	SUN	Sunoco Inc.	Acquired by Energy Transfer Partners (ETP) ^[108]
October 2, 2012	KRFT	Kraft Foods Group	ANR	Alpha Natural Resources	Kraft split into two companies ^[109]
October 1, 2012	ADT	ADT Corp	LXK	Lexmark Int'l Inc	Tyco spun off ADT ^[110]
October 1, 2012	PNR	Pentair Ltd.	DV	DeVry, Inc.	Tyco spin-off merged w/Pentair ^[110]
September 5, 2012	LYB	LyondellBasell	SHLD	Sears Holding Corporation	SHLD below public float threshold ^[111]
July 31, 2012	ESV	Ensco plc	GR	Goodrich Corporation	Acquired by United Technologies (UTX) ^[112]
July 2, 2012	STX	Seagate Technology	PGN	Progress Energy Inc	Acquired by Duke Energy (DUK) ^[113]
June 29, 2012	MNST	Monster Beverage	SLE	Sara Lee Corp.	Split up of Sara Lee ^[114]
June 5, 2012	LRCX	Lam Research	NVLS	Novellus Systems	Acquired by Lam Research (LRCX) ^[115]
May 21, 2012	ALXN	Alexion Pharmaceuticals	MMI	Motorola Mobility	Acquired by Google (GOOG) ^[116]
May 17, 2012	KMI	Kinder Morgan	EP	El Paso Corp.	Acquired by Kinder Morgan (KMI) ^[117]
April 23, 2012	PSX	Phillips 66	SVU	Supervalu Inc.	ConocoPhillips spun off Phillips 66 ^[118]
April 3, 2012	FOSL	Fossil, Inc.	MHS	Medco Health Solutions Inc.	Acquired by Express Scripts (ESRX) ^[119]
March 13, 2012	CCI	Crown Castle International Corp.	CEG	Constellation Energy Group	Acquired by Exelon Corp. (EXC) ^[120]
December 31, 2011	WPX	WPX Energy, Inc.	CPWR	Compuware	Market capitalization changes ^[121]
December 20, 2011	TRIP	TripAdvisor Inc.	TLAB	Tellabs Inc.	Expedia Inc. spun off TripAdvisor Inc. ^[122]
	BWA	BorgWarner Inc.	AKS	AK Steel Holding Corp.	
December 16, 2011	PRGO	Perrigo Co.	MWW	Monster Worldwide Inc.	Market capitalization changes ^[123]
	DLTR	Dollar Tree Inc.	WFR	MEMC Electronic Materials Inc.	
December 12, 2011	GAS	AGL Resources Inc.	GAS	Nicor Inc.	Nicor acquired by AGL, which retained the GAS ticker. ^[124]
November 18, 2011	CBE	Cooper Industries	JNS	Janus Capital Group	Janus Capital Group's market capitalization is less than \$1.2 billion and is no longer representative of the large cap market space. [125]
October 31, 2011	XYL	Xylem Inc.	ITT	ITT Corp.	Spun off from ITT Corp. ^[126]
October 14, 2011	TEL	TE Connectivity Ltd.	CEPH	Cephalon Inc.	Acquired by Teva Pharmaceutical Industries (TEVA).[127]
September 23, 2011	MOS	The Mosaic Company	NSM	National Semiconductor Corp.	Acquired by Texas Instruments (TXN).[128]
July 5, 2011	ACN	Accenture plc	MI	Marshall & lisley Corp.	Marshall & lisley is being bought by Bank of Montreal ^[129]

June 30, 2011	MPC	Marathon Petroleum Corp	RSH	RadioShack Corp.	Market capitalization adjustments. ^[130]
June 1, 2011	ANR	Alpha Natural Resources, Inc.	MEE	Massey Energy Company	Alpha Natural Resources is acquiring Massey Energy in a deal expected to be completed on or about that date pending final approvals. ^[131]
April 27, 2011	CMG	Chipotle	NOVL	Novell, Inc.	Acquired by private equity firms. ^[132]
April 1, 2011	BLK	BlackRock	GENZ	Genzyme Corp.	Acquired by Sanofi-aventis (SNY) ^[133]
March 31, 2011	EW	Edwards Lifesciences	Q	Qwest Communications	Acquired by CenturyLink ^[134]
February 28, 2011	COV	Covidien Plc	MFE	McAfee Inc.	Acquired by Intel Corp. (INTC) ^[135]
February 25, 2011	JOY	Joy Global Inc.	AYE	Allegheny Energy Inc.	Acquired by First Energy (FE). ^[136]
December 17, 2010	CVC	Cablevision Systems Corp.	KG	King Pharmaceuticals Inc.	Acquired by Pfizer Inc. (PFE). ^[137]
	FFIV	F5 Networks Inc.	EK	Eastman Kodak Co.	Market Cap changes. ^[137]
December 17, 2010	NFLX	Netflix Inc.	ODP	Office Depot Inc.	
	NFX	Newfield Exploration Co.	NYT	The New York Times Co.	
August 26, 2010	TYC	Tyco International Ltd.	SII	Smith International Inc.	Acquired by Schlumberger Ltd. (SLB) ^[138]
July 14, 2010	СВ	Chubb Limited	MIL	Millipore Inc.	Acquired by Merck KGaA (MKGAY) ^[139]
June 30, 2010	QEP	QEP Resources	STR	Questar Corp.	Company split. QEP retained, but ticker changed. ^[140]
June 28, 2010	KMX	CarMax, Inc.	хто	XTO Energy Inc.	Acquired by ExxonMobil Inc. (XOM) ^[141]
April 29, 2010	CERN	Cerner Corp.	BJS	BJ Services Company	Acquired by Baker Hughes Inc. (BHI) ^[142]
February 26, 2010	HP	Helmerich & Payne	RX	IMS Health	Taken private ^[143]
November 3, 2009	PCLN	Priceline.com	SGP	Schering-Plough Corp.	Acquired by Merck & Co. (MRK) ^[144]
September 28, 2009	ARG	Airgas Inc	CBE	Cooper Industries Ltd.	Redomesticated to Ireland ^[145]
June 10, 2008	LO	Lorillard Inc.	ABK	Ambac Financial	Market Value Decline ^[146]
December 20, 2007	RRC	Range Resources	TRB	Tribune Co.	Taken private ^[147]
December 13, 2007	GME	GameStop	DJ	Dow Jones	Acquired by News Corp. ^[148]
October 25, 2007	JEC	Jacobs Engineering Group	AV	Avaya Inc.	Taken private ^[149]
March 30, 2007	KFT	Kraft Foods	SBR	Sabre Holdings	Taken Private ^[150]
January 10, 2007	AVB	AvalonBay Communities, Inc.	SBL	Symbol Technologies	Acquired by Motorola ^[151]
July 1, 2005	STZ	Constellation Brands	GLK	Great Lakes Chemical	Acquired by Crompton Corp. ^[152]
September 25, 2003	ESRX	Express Scripts	QTRN	Quintiles Transnational	Taken private ^[153]
December 5, 2000	INTU	Intuit	BS	Bethlehem Steel	
	SBL	Symbol Technologies	OI	Owens-Illinois	Market Can abangas [154]
	AYE	Allegheny Energy	GRA	W.R. Grace	Market Cap changes. ^[154]
	ABK	Ambac Financial	CCK	Crown Holdings	

See also

- Dow Jones Industrial Average#Components
- NASDAQ-100#Components
- List of S&P 400 companies

External links

- Standard & Poor's page on S&P 500 index (http://us.spindices.com/indices/equity/sp-500)
- Historical S&P 500 components (http://siblisresearch.com/data/historical-components-sp-500)

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