

S.No	Symbol	Security	Index
1	MMM	3M	S&P 500
2	AOS	A. O. Smith	S&P 500
3	ABT	Abbott Laboratories	S&P 500
4	ABBV	AbbVie	S&P 500
5	ACN	Accenture	S&P 500
6	ADBE	Adobe Inc.	S&P 500
7	AMD	Advanced Micro Devices	S&P 500
8	AES	AES Corporation	S&P 500
9	AFL	Aflac	S&P 500
10	A	Agilent Technologies	S&P 500
11	APD	Air Products	S&P 500
12	ABNB	Airbnb	S&P 500
13	AKAM	Akamai Technologies	S&P 500
14	ALB	Albemarle Corporation	S&P 500
15	ARE	Alexandria Real Estate Equities	S&P 500
16	ALGN	Align Technology	S&P 500
17	ALLE	Allegion	S&P 500
18	LNT	Alliant Energy	S&P 500
19	ALL	Allstate	S&P 500
20	GOOGL	Alphabet Inc. (Class A)	S&P 500
21	GOOG	Alphabet Inc. (Class C)	S&P 500
22	MO	Altria	S&P 500
23	AMZN	Amazon	S&P 500
24	AMCR	Amcor	S&P 500
25	AEE	Ameren	S&P 500
26	AEP	American Electric Power	S&P 500
27	AXP	American Express	S&P 500
28	AIG	American International Group	S&P 500
29	AMT	American Tower	S&P 500
30	AWK	American Water Works	S&P 500
31	AMP	Ameriprise Financial	S&P 500
32	AME	Ametek	S&P 500
33	AMGN	Amgen	S&P 500
34	APH	Amphenol	S&P 500
35	ADI	Analog Devices	S&P 500
36	ANSS	Ansys	S&P 500
37	AON	Aon plc	S&P 500
38	APA	APA Corporation	S&P 500
39	APO	Apollo Global Management	S&P 500
40	AAPL	Apple Inc.	S&P 500
41	AMAT	Applied Materials	S&P 500
42	APTV	Aptiv	S&P 500
43	ACGL	Arch Capital Group	S&P 500
44	ADM	Archer Daniels Midland	S&P 500
45	ANET	Arista Networks	S&P 500
46	AJG	Arthur J. Gallagher & Co.	S&P 500
47	AIZ	Assurant	S&P 500
48	T	AT&T	S&P 500
49	ATO	Atmos Energy	S&P 500
50	ADSK	Autodesk	S&P 500
51	ADP	Automatic Data Processing	S&P 500
52	AZO	AutoZone	S&P 500
53	AVB	AvalonBay Communities	S&P 500

54	AVY	Avery Dennison	S&P 500
55	AXON	Axon Enterprise	S&P 500
56	BKR	Baker Hughes	S&P 500
57	BALL	Ball Corporation	S&P 500
58	BAC	Bank of America	S&P 500
59	BAX	Baxter International	S&P 500
60	BDX	Becton Dickinson	S&P 500
61	BRK.B	Berkshire Hathaway	S&P 500
62	BBY	Best Buy	S&P 500
63	TECH	Bio-Techne	S&P 500
64	BIIB	Biogen	S&P 500
65	BLK	BlackRock	S&P 500
66	BX	Blackstone Inc.	S&P 500
67	BK	BNY Mellon	S&P 500
68	BA	Boeing	S&P 500
69	BKNG	Booking Holdings	S&P 500
70	BSX	Boston Scientific	S&P 500
71	BMJ	Bristol Myers Squibb	S&P 500
72	AVGO	Broadcom	S&P 500
73	BR	Broadridge Financial Solutions	S&P 500
74	BRO	Brown & Brown	S&P 500
75	BF.B	Brown–Forman	S&P 500
76	BLDR	Builders FirstSource	S&P 500
77	BG	Bunge Global	S&P 500
78	BCX	BCX, Inc.	S&P 500
79	CHRW	C.H. Robinson	S&P 500
80	CDNS	Cadence Design Systems	S&P 500
81	CZR	Caesars Entertainment	S&P 500
82	CPT	Camden Property Trust	S&P 500
83	CPB	Campbell's Company (The)	S&P 500
84	COF	Capital One	S&P 500
85	CAH	Cardinal Health	S&P 500
86	KMX	CarMax	S&P 500
87	CCL	Carnival	S&P 500
88	CARR	Carrier Global	S&P 500
89	CAT	Caterpillar Inc.	S&P 500
90	CBOE	Cboe Global Markets	S&P 500
91	CBRE	CBRE Group	S&P 500
92	CDW	CDW Corporation	S&P 500
93	COR	Cencora	S&P 500
94	CNC	Centene Corporation	S&P 500
95	CNP	CenterPoint Energy	S&P 500
96	CF	CF Industries	S&P 500
97	CRL	Charles River Laboratories	S&P 500
98	SCHW	Charles Schwab Corporation	S&P 500
99	CHTR	Charter Communications	S&P 500
100	CVX	Chevron Corporation	S&P 500
101	CMG	Chipotle Mexican Grill	S&P 500
102	CB	Chubb Limited	S&P 500
103	CHD	Church & Dwight	S&P 500
104	CI	Cigna	S&P 500
105	CINF	Cincinnati Financial	S&P 500
106	CTAS	Cintas	S&P 500
107	CSCO	Cisco	S&P 500

108	C	Citigroup	S&P 500
109	CFG	Citizens Financial Group	S&P 500
110	CLX	Clorox	S&P 500
111	CME	CME Group	S&P 500
112	CMS	CMS Energy	S&P 500
113	KO	Coca-Cola Company (The)	S&P 500
114	CTSH	Cognizant	S&P 500
115	CL	Colgate-Palmolive	S&P 500
116	CMCSA	Comcast	S&P 500
117	CAG	Conagra Brands	S&P 500
118	COP	ConocoPhillips	S&P 500
119	ED	Consolidated Edison	S&P 500
120	STZ	Constellation Brands	S&P 500
121	CEG	Constellation Energy	S&P 500
122	COO	Cooper Companies (The)	S&P 500
123	CPRT	Copart	S&P 500
124	GLW	Corning Inc.	S&P 500
125	CPAY	Corpay	S&P 500
126	CTVA	Corteva	S&P 500
127	CSGP	CoStar Group	S&P 500
128	COST	Costco	S&P 500
129	CTRA	Coterra	S&P 500
130	CRWD	CrowdStrike	S&P 500
131	CCI	Crown Castle	S&P 500
132	CSX	CSX Corporation	S&P 500
133	CMI	Cummins	S&P 500
134	CVS	CVS Health	S&P 500
135	DHR	Danaher Corporation	S&P 500
136	DRI	Darden Restaurants	S&P 500
137	DVA	DaVita	S&P 500
138	DAY	Dayforce	S&P 500
139	DECK	Deckers Brands	S&P 500
140	DE	Deere & Company	S&P 500
141	DELL	Dell Technologies	S&P 500
142	DAL	Delta Air Lines	S&P 500
143	DVN	Devon Energy	S&P 500
144	DXCM	Dexcom	S&P 500
145	FANG	Diamondback Energy	S&P 500
146	DLR	Digital Realty	S&P 500
147	DFS	Discover Financial	S&P 500
148	DG	Dollar General	S&P 500
149	DLTR	Dollar Tree	S&P 500
150	D	Dominion Energy	S&P 500
151	DPZ	Domino's	S&P 500
152	DASH	DoorDash	S&P 500
153	DOV	Dover Corporation	S&P 500
154	DOW	Dow Inc.	S&P 500
155	DHI	D. R. Horton	S&P 500
156	DTE	DTE Energy	S&P 500
157	DUK	Duke Energy	S&P 500
158	DD	DuPont	S&P 500
159	EMN	Eastman Chemical Company	S&P 500
160	ETN	Eaton Corporation	S&P 500
161	EBAY	eBay Inc.	S&P 500

162	ECL	Ecolab	S&P 500
163	EIX	Edison International	S&P 500
164	EW	Edwards Lifesciences	S&P 500
165	EA	Electronic Arts	S&P 500
166	ELV	Elevance Health	S&P 500
167	EMR	Emerson Electric	S&P 500
168	ENPH	Enphase Energy	S&P 500
169	ETR	Entergy	S&P 500
170	EOG	EOG Resources	S&P 500
171	EPAM	EPAM Systems	S&P 500
172	EQT	EQT Corporation	S&P 500
173	EFX	Equifax	S&P 500
174	EQIX	Equinix	S&P 500
175	EQR	Equity Residential	S&P 500
176	ERIE	Erie Indemnity	S&P 500
177	ESS	Essex Property Trust	S&P 500
178	EL	Estée Lauder Companies (The)	S&P 500
179	EG	Everest Group	S&P 500
180	EVRG	Eversgy	S&P 500
181	ES	Eversource Energy	S&P 500
182	EXC	Exelon	S&P 500
183	EXE	Expand Energy	S&P 500
184	EXPE	Expedia Group	S&P 500
185	EXPD	Expeditors International	S&P 500
186	EXR	Extra Space Storage	S&P 500
187	XOM	ExxonMobil	S&P 500
188	FFIV	F5, Inc.	S&P 500
189	FDS	FactSet	S&P 500
190	FICO	Fair Isaac	S&P 500
191	FAST	Fastenal	S&P 500
192	FRT	Federal Realty Investment Trust	S&P 500
193	FDX	FedEx	S&P 500
194	FIS	Fidelity National Information Services	S&P 500
195	FITB	Fifth Third Bancorp	S&P 500
196	FSLR	First Solar	S&P 500
197	FE	FirstEnergy	S&P 500
198	FI	Fiserv	S&P 500
199	F	Ford Motor Company	S&P 500
200	FTNT	Fortinet	S&P 500
201	FTV	Fortive	S&P 500
202	FOXA	Fox Corporation (Class A)	S&P 500
203	FOX	Fox Corporation (Class B)	S&P 500
204	BEN	Franklin Resources	S&P 500
205	FCX	Freeport-McMoRan	S&P 500
206	GRMN	Garmin	S&P 500
207	IT	Gartner	S&P 500
208	GE	GE Aerospace	S&P 500
209	GEHC	GE HealthCare	S&P 500
210	GEV	GE Vernova	S&P 500
211	GEN	Gen Digital	S&P 500
212	GNRC	Generac	S&P 500
213	GD	General Dynamics	S&P 500
214	GIS	General Mills	S&P 500
215	GM	General Motors	S&P 500

216	GPC	Genuine Parts Company	S&P 500
217	GILD	Gilead Sciences	S&P 500
218	GPN	Global Payments	S&P 500
219	GL	Globe Life	S&P 500
220	GDDY	GoDaddy	S&P 500
221	GS	Goldman Sachs	S&P 500
222	HAL	Halliburton	S&P 500
223	HIG	Hartford (The)	S&P 500
224	HAS	Hasbro	S&P 500
225	HCA	HCA Healthcare	S&P 500
226	DOC	Healthpeak Properties	S&P 500
227	HSIC	Henry Schein	S&P 500
228	HSY	Hershey Company (The)	S&P 500
229	HES	Hess Corporation	S&P 500
230	HPE	Hewlett Packard Enterprise	S&P 500
231	HLT	Hilton Worldwide	S&P 500
232	HOLX	Hologic	S&P 500
233	HD	Home Depot (The)	S&P 500
234	HON	Honeywell	S&P 500
235	HRL	Hormel Foods	S&P 500
236	HST	Host Hotels & Resorts	S&P 500
237	HWM	Howmet Aerospace	S&P 500
238	HPQ	HP Inc.	S&P 500
239	HUBB	Hubbell Incorporated	S&P 500
240	HUM	Humana	S&P 500
241	HBAN	Huntington Bancshares	S&P 500
242	HII	Huntington Ingalls Industries	S&P 500
243	IBM	IBM	S&P 500
244	IEX	IDEX Corporation	S&P 500
245	IDXX	Idexx Laboratories	S&P 500
246	ITW	Illinois Tool Works	S&P 500
247	INCY	Incyte	S&P 500
248	IR	Ingersoll Rand	S&P 500
249	PODD	Insulet Corporation	S&P 500
250	INTC	Intel	S&P 500
251	ICE	Intercontinental Exchange	S&P 500
252	IFF	International Flavors & Fragrances	S&P 500
253	IP	International Paper	S&P 500
254	IPG	Interpublic Group of Companies (The)	S&P 500
255	INTU	Intuit	S&P 500
256	ISRG	Intuitive Surgical	S&P 500
257	IVZ	Invesco	S&P 500
258	INVH	Invitation Homes	S&P 500
259	IQV	IQVIA	S&P 500
260	IRM	Iron Mountain	S&P 500
261	JBHT	J.B. Hunt	S&P 500
262	JBL	Jabil	S&P 500
263	JKHY	Jack Henry & Associates	S&P 500
264	J	Jacobs Solutions	S&P 500
265	JNJ	Johnson & Johnson	S&P 500
266	JCI	Johnson Controls	S&P 500
267	JPM	JPMorgan Chase	S&P 500
268	JNPR	Juniper Networks	S&P 500
269	K	Kellanova	S&P 500

270	KVUE	Kenvue	S&P 500
271	KDP	Keurig Dr Pepper	S&P 500
272	KEY	KeyCorp	S&P 500
273	KEYS	Keysight Technologies	S&P 500
274	KMB	Kimberly-Clark	S&P 500
275	KIM	Kimco Realty	S&P 500
276	KMI	Kinder Morgan	S&P 500
277	KKR	KKR & Co.	S&P 500
278	KLAC	KLA Corporation	S&P 500
279	KHC	Kraft Heinz	S&P 500
280	KR	Kroger	S&P 500
281	LHX	L3Harris	S&P 500
282	LH	Labcorp	S&P 500
283	LRCX	Lam Research	S&P 500
284	LW	Lamb Weston	S&P 500
285	LVS	Las Vegas Sands	S&P 500
286	LDOS	Leidos	S&P 500
287	LEN	Lennar	S&P 500
288	LII	Lennox International	S&P 500
289	LLY	Lilly (Eli)	S&P 500
290	LIN	Linde plc	S&P 500
291	LYV	Live Nation Entertainment	S&P 500
292	LKQ	LKQ Corporation	S&P 500
293	LMT	Lockheed Martin	S&P 500
294	L	Loews Corporation	S&P 500
295	LOW	Lowe's	S&P 500
296	LULU	Lululemon Athletica	S&P 500
297	LYB	LyondellBasell	S&P 500
298	MTB	M&T Bank	S&P 500
299	MPC	Marathon Petroleum	S&P 500
300	MKTX	MarketAxess	S&P 500
301	MAR	Marriott International	S&P 500
302	MMC	Marsh McLennan	S&P 500
303	MLM	Martin Marietta Materials	S&P 500
304	MAS	Masco	S&P 500
305	MA	Mastercard	S&P 500
306	MTCH	Match Group	S&P 500
307	MKC	McCormick & Company	S&P 500
308	MCD	McDonald's	S&P 500
309	MCK	McKesson Corporation	S&P 500
310	MDT	Medtronic	S&P 500
311	MRK	Merck & Co.	S&P 500
312	META	Meta Platforms	S&P 500
313	MET	MetLife	S&P 500
314	MTD	Mettler Toledo	S&P 500
315	MGM	MGM Resorts	S&P 500
316	MCHP	Microchip Technology	S&P 500
317	MU	Micron Technology	S&P 500
318	MSFT	Microsoft	S&P 500
319	MAA	Mid-America Apartment Communities	S&P 500
320	MRNA	Moderna	S&P 500
321	MHK	Mohawk Industries	S&P 500
322	MOH	Molina Healthcare	S&P 500
323	TAP	Molson Coors Beverage Company	S&P 500

324	MDLZ	Mondelez International	S&P 500
325	MPWR	Monolithic Power Systems	S&P 500
326	MNST	Monster Beverage	S&P 500
327	MCO	Moody's Corporation	S&P 500
328	MS	Morgan Stanley	S&P 500
329	MOS	Mosaic Company (The)	S&P 500
330	MSI	Motorola Solutions	S&P 500
331	MSCI	MSCI Inc.	S&P 500
332	NDAQ	Nasdaq, Inc.	S&P 500
333	NTAP	NetApp	S&P 500
334	NFLX	Netflix	S&P 500
335	NEM	Newmont	S&P 500
336	NWSA	News Corp (Class A)	S&P 500
337	NWS	News Corp (Class B)	S&P 500
338	NEE	NextEra Energy	S&P 500
339	NKE	Nike, Inc.	S&P 500
340	NI	NiSource	S&P 500
341	NDSN	Nordson Corporation	S&P 500
342	NSC	Norfolk Southern	S&P 500
343	NTRS	Northern Trust	S&P 500
344	NOC	Northrop Grumman	S&P 500
345	NCLH	Norwegian Cruise Line Holdings	S&P 500
346	NRG	NRG Energy	S&P 500
347	NUE	Nucor	S&P 500
348	NVDA	Nvidia	S&P 500
349	NVR	NVR, Inc.	S&P 500
350	NXPI	NXP Semiconductors	S&P 500
351	ORLY	O'Reilly Automotive	S&P 500
352	OXY	Occidental Petroleum	S&P 500
353	ODFL	Old Dominion	S&P 500
354	OMC	Omnicom Group	S&P 500
355	ON	ON Semiconductor	S&P 500
356	OKE	Oneok	S&P 500
357	ORCL	Oracle Corporation	S&P 500
358	OTIS	Otis Worldwide	S&P 500
359	PCAR	Paccar	S&P 500
360	PKG	Packaging Corporation of America	S&P 500
361	PLTR	Palantir Technologies	S&P 500
362	PANW	Palo Alto Networks	S&P 500
363	PARA	Paramount Global	S&P 500
364	PH	Parker Hannifin	S&P 500
365	PAYX	Paychex	S&P 500
366	PAYC	Paycom	S&P 500
367	PYPL	PayPal	S&P 500
368	PNR	Pentair	S&P 500
369	PEP	PepsiCo	S&P 500
370	PFE	Pfizer	S&P 500
371	PCG	PG&E Corporation	S&P 500
372	PM	Philip Morris International	S&P 500
373	PSX	Phillips 66	S&P 500
374	PNW	Pinnacle West Capital	S&P 500
375	PNC	PNC Financial Services	S&P 500
376	POOL	Pool Corporation	S&P 500
377	PPG	PPG Industries	S&P 500

378	PPL	PPL Corporation	S&P 500
379	PFG	Principal Financial Group	S&P 500
380	PG	Procter & Gamble	S&P 500
381	PGR	Progressive Corporation	S&P 500
382	PLD	Prologis	S&P 500
383	PRU	Prudential Financial	S&P 500
384	PEG	Public Service Enterprise Group	S&P 500
385	PTC	PTC Inc.	S&P 500
386	PSA	Public Storage	S&P 500
387	PHM	PulteGroup	S&P 500
388	PWR	Quanta Services	S&P 500
389	QCOM	Qualcomm	S&P 500
390	DGX	Quest Diagnostics	S&P 500
391	RL	Ralph Lauren Corporation	S&P 500
392	RJF	Raymond James Financial	S&P 500
393	RTX	RTX Corporation	S&P 500
394	O	Realty Income	S&P 500
395	REG	Regency Centers	S&P 500
396	REGN	Regeneron Pharmaceuticals	S&P 500
397	RF	Regions Financial Corporation	S&P 500
398	RSG	Republic Services	S&P 500
399	RMD	ResMed	S&P 500
400	RVTY	Revvity	S&P 500
401	ROK	Rockwell Automation	S&P 500
402	ROL	Rollins, Inc.	S&P 500
403	ROP	Roper Technologies	S&P 500
404	ROST	Ross Stores	S&P 500
405	RCL	Royal Caribbean Group	S&P 500
406	SPGI	S&P Global	S&P 500
407	CRM	Salesforce	S&P 500
408	SBAC	SBA Communications	S&P 500
409	SLB	Schlumberger	S&P 500
410	STX	Seagate Technology	S&P 500
411	SRE	Sempra	S&P 500
412	NOW	ServiceNow	S&P 500
413	SHW	Sherwin-Williams	S&P 500
414	SPG	Simon Property Group	S&P 500
415	SWKS	Skyworks Solutions	S&P 500
416	SJM	J.M. Smucker Company (The)	S&P 500
417	SW	Smurfit Westrock	S&P 500
418	SNA	Snap-on	S&P 500
419	SOLV	Solventum	S&P 500
420	SO	Southern Company	S&P 500
421	LUV	Southwest Airlines	S&P 500
422	SWK	Stanley Black & Decker	S&P 500
423	SBUX	Starbucks	S&P 500
424	STT	State Street Corporation	S&P 500
425	STLD	Steel Dynamics	S&P 500
426	STE	Steris	S&P 500
427	SYK	Stryker Corporation	S&P 500
428	SMCI	Supermicro	S&P 500
429	SYF	Synchrony Financial	S&P 500
430	SNPS	Synopsys	S&P 500
431	SYZ	Sysco	S&P 500

432	TMUS	T-Mobile US	S&P 500
433	TROW	T. Rowe Price	S&P 500
434	TTWO	Take-Two Interactive	S&P 500
435	TPR	Tapestry, Inc.	S&P 500
436	TRGP	Targa Resources	S&P 500
437	TGT	Target Corporation	S&P 500
438	TEL	TE Connectivity	S&P 500
439	TDY	Teledyne Technologies	S&P 500
440	TER	Teradyne	S&P 500
441	TSLA	Tesla, Inc.	S&P 500
442	TXN	Texas Instruments	S&P 500
443	TPL	Texas Pacific Land Corporation	S&P 500
444	TXT	Textron	S&P 500
445	TMO	Thermo Fisher Scientific	S&P 500
446	TJX	TJX Companies	S&P 500
447	TKO	TKO Group Holdings	S&P 500
448	TSCO	Tractor Supply	S&P 500
449	TT	Trane Technologies	S&P 500
450	TDG	TransDigm Group	S&P 500
451	TRV	Travelers Companies (The)	S&P 500
452	TRMB	Trimble Inc.	S&P 500
453	TFC	Truist Financial	S&P 500
454	TYL	Tyler Technologies	S&P 500
455	TSN	Tyson Foods	S&P 500
456	USB	U.S. Bancorp	S&P 500
457	UBER	Uber	S&P 500
458	UDR	UDR, Inc.	S&P 500
459	ULTA	Ulta Beauty	S&P 500
460	UNP	Union Pacific Corporation	S&P 500
461	UAL	United Airlines Holdings	S&P 500
462	UPS	United Parcel Service	S&P 500
463	URI	United Rentals	S&P 500
464	UNH	UnitedHealth Group	S&P 500
465	UHS	Universal Health Services	S&P 500
466	VLO	Valero Energy	S&P 500
467	VTR	Ventas	S&P 500
468	VLTO	Veralto	S&P 500
469	VRSN	Verisign	S&P 500
470	VRSK	Verisk Analytics	S&P 500
471	VZ	Verizon	S&P 500
472	VRTX	Vertex Pharmaceuticals	S&P 500
473	VTRS	Viatis	S&P 500
474	VICI	Vici Properties	S&P 500
475	V	Visa Inc.	S&P 500
476	VST	Vistra Corp.	S&P 500
477	VMC	Vulcan Materials Company	S&P 500
478	WRB	W. R. Berkley Corporation	S&P 500
479	GWW	W. W. Grainger	S&P 500
480	WAB	Wabtec	S&P 500
481	WBA	Walgreens Boots Alliance	S&P 500
482	WMT	Walmart	S&P 500
483	DIS	Walt Disney Company (The)	S&P 500
484	WBD	Warner Bros. Discovery	S&P 500
485	WM	Waste Management	S&P 500

486	WAT	Waters Corporation	S&P 500
487	WEC	WEC Energy Group	S&P 500
488	WFC	Wells Fargo	S&P 500
489	WELL	Welltower	S&P 500
490	WST	West Pharmaceutical Services	S&P 500
491	WDC	Western Digital	S&P 500
492	WY	Weyerhaeuser	S&P 500
493	WSM	Williams-Sonoma, Inc.	S&P 500
494	WMB	Williams Companies	S&P 500
495	WTW	Willis Towers Watson	S&P 500
496	WDAY	Workday, Inc.	S&P 500
497	WYNN	Wynn Resorts	S&P 500
498	XEL	Xcel Energy	S&P 500
499	XYL	Xylem Inc.	S&P 500
500	YUM	Yum! Brands	S&P 500
501	ZBRA	Zebra Technologies	S&P 500
502	ZBH	Zimmer Biomet	S&P 500
503	ZTS	Zoetis	S&P 500