

Schwab 1000 Index Daily Constituents as of 05/21/2019

Company Name	Ticker Symbol	Weighting
Microsoft Corp	MSFT	3.6247%
Apple Inc.	AAPL	3.1119%
Amazon.com Inc	AMZN	2.8534%
Facebook Inc A	FB	1.6414%
Berkshire Hathaway B	BRK.B	1.4722%
Johnson & Johnson	JNJ	1.3694%
JP Morgan Chase & Co	JPM	1.3620%
Alphabet Inc C	GOOG	1.3156%
Alphabet Inc A	GOOGL	1.2866%
Exxon Mobil Corp	XOM	1.2028%
Visa Inc A	V	1.0677%
Procter & Gamble	PG	0.9906%
Bank of America Corp	BAC	0.9594%
Cisco Systems Inc	CSCO	0.9263%
Verizon Communications Inc	VZ	0.9153%
Unitedhealth Group Inc	UNH	0.8929%
AT&T Inc	T	0.8790%
Walt Disney Co	DIS	0.8717%
Pfizer Inc	PFE	0.8613%
Chevron Corp	CVX	0.8583%
Mastercard Inc A	MA	0.8582%
Home Depot Inc	HD	0.8051%
Merck & Co Inc	MRK	0.7640%
Intel Corp	INTC	0.7443%
Comcast Corp A	CMCSA	0.7279%
Wells Fargo & Co	WFC	0.7062%
Boeing Co	BA	0.7018%
Coca-Cola Co	KO	0.6962%
PepsiCo Inc	PEP	0.6749%
Citigroup Inc	C	0.5785%
NetFlix Inc	NFLX	0.5758%
McDonald's Corp	MCD	0.5694%
Walmart Inc.	WMT	0.5359%
Oracle Corp	ORCL	0.5139%
Adobe Inc.	ADBE	0.5049%
Abbott Laboratories	ABT	0.4971%
Philip Morris International	PM	0.4963%

Company Name	Ticker Symbol	Weighting
PayPal Holdings Inc.	PYPL	0.4911%
Union Pacific Corp	UNP	0.4711%
Honeywell Intl Inc	HON	0.4604%
Intl Business Machines Corp	IBM	0.4520%
AbbVie Inc.	ABBV	0.4442%
Salesforce.com	CRM	0.4437%
Medtronic plc	MDT	0.4382%
Accenture plc A	ACN	0.4262%
United Technologies Corp	UTX	0.4105%
Costco Wholesale Corp	COST	0.4099%
Broadcom Inc	AVGO	0.4060%
Thermo Fisher Scientific	TMO	0.3977%
Amgen Inc	AMGN	0.3931%
NIKE Inc B	NKE	0.3920%
Linde plc	LIN	0.3842%
Eli Lilly & Co	LLY	0.3748%
Texas Instruments Inc	TXN	0.3738%
Altria Group Inc	MO	0.3620%
Starbucks Corp	SBUX	0.3590%
3M Co	MMM	0.3586%
NextEra Energy Inc	NEE	0.3541%
QUALCOMM Inc	QCOM	0.3503%
Nvidia Corp	NVDA	0.3498%
Lowe's Cos Inc	LOW	0.3313%
American Tower Corp A	AMT	0.3255%
General Electric Co	GE	0.3228%
Gilead Sciences Inc	GILD	0.3159%
Lockheed Martin	LMT	0.3148%
American Express Co	AXP	0.3104%
Danaher Corp	DHR	0.3046%
Booking Holdings Inc	BKNG	0.2970%
US Bancorp	USB	0.2907%
Bristol-Myers Squibb	BMY	0.2883%
Mondelez International Inc	MDLZ	0.2805%
ConocoPhillips	COP	0.2687%
DowDuPont Inc.	DWDP	0.2685%
Caterpillar Inc	CAT	0.2677%
Anthem Inc	ANTM	0.2651%
Automatic Data Processing	ADP	0.2644%
CVS Health Corporation	CVS	0.2584%

Company Name	Ticker Symbol	Weighting
United Parcel Service Inc B	UPS	0.2576%
Goldman Sachs Group Inc	GS	0.2539%
Celgene Corp	CELG	0.2517%
Chubb Limited	CB	0.2495%
CME Group Inc A	CME	0.2485%
TJX Cos Inc	TJX	0.2454%
Charter Communications Inc A	CHTR	0.2450%
Intuit Inc	INTU	0.2373%
Duke Energy Corp	DUK	0.2357%
Becton Dickinson & Co	BDX	0.2344%
Colgate-Palmolive Co	CL	0.2295%
Dominion Energy Inc	D	0.2283%
CSX Corporation	CSX	0.2260%
PNC Finl Services Group	PNC	0.2231%
Cigna Corporation	CI	0.2188%
Morgan Stanley	MS	0.2146%
Stryker Corp	SYK	0.2136%
Southern Co	SO	0.2079%
EOG Resources	EOG	0.2065%
Intuitive Surgical Inc	ISRG	0.2061%
Schlumberger Ltd	SLB	0.2038%
Norfolk Southern Corp	NSC	0.2038%
S&P Global Inc	SPGI	0.2008%
BlackRock Inc	BLK	0.2001%
Northrop Grumman Corp	NOC	0.1998%
Simon Property Group A	SPG	0.1988%
Boston Scientific Corp	BSX	0.1945%
Charles Schwab Corp	SCHW	0.1944%
Crown Castle Intl Corp	CCI	0.1935%
Raytheon Co	RTN	0.1919%
Marsh & McLennan Companies	MMC	0.1827%
Zoetis Inc	ZTS	0.1825%
General Motors Company	GM	0.1812%
ServiceNow Inc.	NOW	0.1810%
ProLogis Inc	PLD	0.1803%
Exelon Corp	EXC	0.1767%
Progressive Corp	PGR	0.1741%
Intercontinental Exchange Inc	ICE	0.1731%
General Dynamics	GD	0.1729%
Ecolab Inc	ECL	0.1727%

Company Name	Ticker Symbol	Weighting
Metlife Inc	MET	0.1715%
Biogen Inc	BIIB	0.1706%
American Intl Group Inc	AIG	0.1699%
Illinois Tool Works Inc	ITW	0.1699%
Air Products & Chemicals Inc	APD	0.1692%
Illumina Inc	ILMN	0.1677%
Kimberly-Clark	KMB	0.1668%
Deere & Co	DE	0.1647%
Allergan plc	AGN	0.1612%
Aon plc	AON	0.1611%
Vertex Pharmaceuticals Inc	VRTX	0.1610%
Capital One Financial	COF	0.1606%
American Electric Power	AEP	0.1591%
Waste Management Inc	WM	0.1586%
Walgreens Boots Alliance Inc	WBA	0.1575%
Prudential Financial Inc	PRU	0.1529%
The Bank of New York Mellon Corp	BK	0.1511%
Equinix Inc	EQIX	0.1503%
FedEx Corp	FDX	0.1502%
Emerson Electric Co	EMR	0.1495%
Occidental Petroleum	OXY	0.1493%
Ford Motor Co	F	0.1490%
Micron Technology Inc	MU	0.1487%
Kinder Morgan Inc	KMI	0.1474%
Applied Materials Inc	AMAT	0.1459%
AFLAC Inc	AFL	0.1451%
Fidelity National Information	FIS	0.1448%
Travelers Cos Inc	TRV	0.1446%
Autodesk Inc	ADSK	0.1421%
Dow Inc	DOW	0.1417%
Target Corp	TGT	0.1398%
BB&T Corp	BBT	0.1387%
Roper Technologies, Inc	ROP	0.1383%
Analog Devices Inc	ADI	0.1370%
Estee Lauder Cos. A	EL	0.1366%
Worldpay Inc-A	WP	0.1366%
Marriott Intl A	MAR	0.1358%
Anadarko Petroleum Corp	APC	0.1353%
Phillips 66	PSX	0.1346%
Ross Stores Inc	ROST	0.1344%

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Johnson Controls International plc	JCI	0.1342%
Sempra Energy	SRE	0.1342%
Baxter Intl Inc	BAX	0.1336%
Marathon Petroleum Corp.	MPC	0.1336%
Edwards Lifesciences Corp	EW	0.1330%
Sysco Corp	SYU	0.1328%
Sherwin-Williams Co	SHW	0.1312%
Cognizant Tech Solutions Corp	CTSH	0.1306%
Humana Inc	HUM	0.1296%
Public Storage	PSA	0.1290%
Fiserv Inc	FISV	0.1289%
Valero Energy Corp	VLO	0.1282%
HCA Healthcare Inc	HCA	0.1275%
Constellation Brands Inc A	STZ	0.1271%
Delta Air Lines	DAL	0.1261%
Eaton Corp plc	ETN	0.1260%
The Williams Companies Inc	WMB	0.1257%
Workday Inc. A	WDAY	0.1240%
Activision Blizzard Inc	ATVI	0.1236%
Red Hat Inc	RHT	0.1225%
Allstate Corp	ALL	0.1198%
Dollar General Corp	DG	0.1190%
eBay Inc.	EBAY	0.1171%
General Mills Inc	GIS	0.1164%
Moody's Corp	MCO	0.1161%
Yum! Brands Inc	YUM	0.1161%
Welltower Inc	WELL	0.1151%
Public Service Enterprise Grp	PEG	0.1142%
TE Connectivity Ltd.	TEL	0.1126%
Ingersoll-Rand Plc	IR	0.1114%
VF Corp	VFC	0.1112%
Xcel Energy Inc	XEL	0.1112%
HP Inc	HPQ	0.1110%
Alexion Pharmaceuticals Inc	ALXN	0.1072%
Electronic Arts	EA	0.1067%
Lam Research Corp	LRCX	0.1062%
O'Reilly Automotive	ORLY	0.1058%
Equity Residential	EQR	0.1052%
Tesla, Inc	TSLA	0.1047%
AvalonBay Communities Inc	AVB	0.1043%

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ONEOK Inc	OKE	0.1042%
SunTrust Banks Inc (GA)	STI	0.1038%
Paychex Inc	PAYX	0.1036%
Consolidated Edison Inc	ED	0.1036%
Twitter Inc	TWTR	0.1016%
Amphenol Corp A	APH	0.1013%
Hilton Worldwide Holdings Inc	HLT	0.1004%
Xilinx Inc	XLNX	0.0996%
Pioneer Natural Resources	PXD	0.0990%
Southwest Airlines Co	LUV	0.0988%
Discover Financial Services	DFS	0.0962%
AutoZone Inc	AZO	0.0959%
PPG Industries Inc	PPG	0.0957%
Newmont Goldcorp Corp	NEM	0.0953%
WEC Energy Group Inc	WEC	0.0950%
T Rowe Price Group Inc	TROW	0.0930%
Monster Beverage Corp New	MNST	0.0928%
LyondellBasell Industries N.V.	LYB	0.0924%
McKesson Corp	MCK	0.0916%
Motorola Solutions Inc	MSI	0.0907%
PACCAR Inc	PCAR	0.0905%
Digital Realty Trust	DLR	0.0905%
Regeneron Pharmaceuticals Inc	REGN	0.0904%
T-Mobile US Inc	TMUS	0.0904%
Advanced Micro Devices	AMD	0.0897%
Corning Inc	GLW	0.0888%
Tyson Foods Inc A	TSN	0.0886%
Cummins Inc	CMI	0.0885%
Dollar Tree Inc	DLTR	0.0884%
Zimmer Biomet Holdings Inc	ZBH	0.0884%
Global Payments Inc	GPN	0.0883%
Centene Corp	CNC	0.0879%
Fortive Corp	FTV	0.0876%
FleetCor Technologies Inc	FLT	0.0874%
Verisk Analytics Inc	VRSK	0.0872%
Eversource Energy	ES	0.0870%
Align Technology Inc	ALGN	0.0866%
Concho Resources Inc	CXO	0.0863%
DTE Energy Co	DTE	0.0862%
SBA Communications Corp	SBAC	0.0861%

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M&T Bank Corp	MTB	0.0858%
Willis Towers Watson PLC	WLTW	0.0857%
Ventas Inc	VTR	0.0855%
Synchrony Financial	SYF	0.0855%
Cerner Corp	CERN	0.0847%
State Street Corp	STT	0.0842%
Archer-Daniels-Midland Co	ADM	0.0838%
Halliburton Co	HAL	0.0831%
TransDigm Group	TDG	0.0831%
Harris Corp	HRS	0.0825%
PPL Corp	PPL	0.0811%
Agilent Technologies Inc	A	0.0808%
Las Vegas Sands	LVS	0.0805%
Palo Alto Networks Inc.	PANW	0.0804%
Parker-Hannifin Corp	PH	0.0800%
IDEXX Laboratories Inc	IDXX	0.0798%
Royal Caribbean Cruises Ltd	RCL	0.0796%
FirstEnergy Corp	FE	0.0795%
IQVIA Holdings Inc	IQV	0.0793%
IHS Markit Ltd	INFO	0.0791%
Fifth Third Bancorp (OH)	FITB	0.0786%
Carnival Corp	CCL	0.0785%
Hewlett Packard Enterprise Co	HPE	0.0782%
Realty Income Corp	O	0.0781%
Ball Corp	BLL	0.0777%
Stanley Black & Decker	SWK	0.0771%
Northern Trust Corp (IL)	NTRS	0.0769%
VeriSign Inc	VRSN	0.0767%
Boston Properties Inc	BXP	0.0764%
Splunk Inc.	SPLK	0.0761%
Square, Inc. A	SQ	0.0755%
American Water Works Co Inc	AWK	0.0750%
Ameriprise Financial Inc	AMP	0.0749%
Ulta Beauty, Inc	ULTA	0.0741%
The Kraft Heinz Company	KHC	0.0740%
Edison Intl	EIX	0.0735%
AMETEK Inc	AME	0.0731%
Microchip Technology Inc	MCHP	0.0723%
Kroger Co	KR	0.0722%
Rockwell Automation Inc	ROK	0.0719%

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Hartford Finl Services Group	HIG	0.0718%
L3 Technologies, Inc	LLL	0.0717%
Cintas Corp	CTAS	0.0716%
Costar Group Inc	CSGP	0.0712%
Clorox Co	CLX	0.0707%
MSCI Inc	MSCI	0.0706%
McCormick & Co	MKC	0.0702%
Essex Property Trust	ESS	0.0701%
Aptiv plc	APTV	0.0701%
Lululemon Athletica inc	LULU	0.0693%
Fastenal Co	FAST	0.0693%
United Continental Holding Inc	UAL	0.0692%
Entergy Corp	ETR	0.0689%
Republic Services Inc	RSG	0.0683%
Cadence Design Systems Inc	CDNS	0.0682%
Church & Dwight Co	CHD	0.0677%
Ameren Corp	AEE	0.0677%
Hershey Foods Corp	HSY	0.0674%
Omnicom Group	OMC	0.0667%
Veeva Systems Inc A	VEEV	0.0667%
Intl Paper Co	IP	0.0663%
Mettler-Toledo Intl	MTD	0.0661%
IAC InterActiveCorp	IAC	0.0661%
KLA-Tencor Corporation	KLAC	0.0657%
Diamondback Energy Inc	FANG	0.0655%
Weyerhaeuser Co	WY	0.0653%
Chipotle Mexican Grill Inc.	CMG	0.0648%
Vulcan Materials Co	VMC	0.0646%
Synopsys Inc	SNPS	0.0645%
NetApp Inc	NTAP	0.0644%
KeyCorp	KEY	0.0637%
CBS Corp B	CBS	0.0633%
Hess Corp	HES	0.0630%
First Republic Bank	FRC	0.0619%
Alexandria Real Estate Eqty	ARE	0.0613%
Lab Corp of America Hldgs	LH	0.0611%
Nucor Corp	NUE	0.0610%
Best Buy Co Inc	BBY	0.0610%
Total System Services Inc	TSS	0.0609%
Citizens Financial Group Inc	CFG	0.0605%

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ResMed Inc	RMD	0.0600%
CMS Energy Corp	CMS	0.0595%
CDW Corp/DE	CDW	0.0594%
Biomarin Pharmaceutical Inc	BMRN	0.0580%
ANSYS Inc	ANSS	0.0580%
Arthur J. Gallagher & Co	AJG	0.0575%
Darden Restaurants Inc	DRI	0.0574%
Vmware Inc A	VMW	0.0571%
Liberty Broadband Corp C	LBRDK	0.0568%
Twilio Inc-A	TWLO	0.0565%
Cincinnati Financial Corp	CINF	0.0560%
Freeport-McMoRan Inc	FCX	0.0558%
Evergy Inc.	EVERG	0.0557%
Lennar Corp A	LEN	0.0557%
First Data Corp.-A	FDC	0.0556%
HCP Inc	HCP	0.0556%
Markel Corp	MKL	0.0556%
Horton D.R. Inc	DHI	0.0554%
Cheniere Energy Inc	LNG	0.0552%
Equifax Inc	EFX	0.0552%
DXC Technology Company	DXC	0.0552%
Regions Financial Corp	RF	0.0552%
Centerpoint Energy Inc	CNP	0.0551%
CBRE Group Inc.	CBRE	0.0550%
Waters Corp	WAT	0.0549%
MAXIM INTEGRATED	MXIM	0.0546%
Genuine Parts Co	GPC	0.0542%
Cooper Companies Inc	COO	0.0537%
J.M. Smucker Co	SJM	0.0537%
Loews Corp	L	0.0535%
Broadridge Financial Solutions Inc.	BR	0.0534%
Principal Financial Group	PFG	0.0533%
Host Hotels & Resorts Inc	HST	0.0529%
Kellogg Co	K	0.0528%
Keysight Technologies Inc	KEYS	0.0527%
TD Ameritrade Holding Corporation	AMTD	0.0527%
Huntington Bancshares (OH)	HBAN	0.0524%
Wellcare Health Plans Inc	WCG	0.0520%
Incyte Corp	INCY	0.0520%
Cardinal Health Inc	CAH	0.0520%

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Conagra Brands, Inc	CAG	0.0516%
Arch Capital Group Ltd	ACGL	0.0515%
Gartner Inc	IT	0.0515%
Dover Corp	DOV	0.0514%
WP Carey Inc	WPC	0.0513%
Martin Marietta Materials	MLM	0.0512%
Expedia Group, Inc.	EXPE	0.0511%
Intl Flavors & Fragrances	IFF	0.0508%
Xylem Inc	XYL	0.0506%
Teleflex Inc	TFX	0.0506%
Extra Space Storage Inc	EXR	0.0505%
Fox Corp A	FOXA	0.0495%
Lincoln National Corp	LNC	0.0494%
Carmax Inc	KMX	0.0494%
Marvell Technology Group Ltd	MRVL	0.0493%
Copart Inc	CPRT	0.0493%
Arista Networks Inc	ANET	0.0492%
Liberty Global plc C	LBTYK	0.0490%
MGM Resorts International	MGM	0.0490%
Quest Diagnostics	DGX	0.0489%
Symantec Corp	SYMC	0.0489%
Annaly Capital Management Inc.	NLY	0.0485%
Mid-America Apt Communities	MAA	0.0483%
Marathon Oil Corp	MRO	0.0483%
Devon Energy Corp	DVN	0.0481%
Dentsply Sirona Inc.	XRAY	0.0478%
Celanese Corp A	CE	0.0478%
GoDaddy Inc A	GDDY	0.0476%
Akamai Technologies Inc	AKAM	0.0473%
Expeditors Intl of WA Inc	EXPD	0.0473%
Western Digital Corp	WDC	0.0470%
AmerisourceBergen Corp	ABC	0.0469%
Tractor Supply Co	TSCO	0.0467%
American Airlines Group Inc.	AAL	0.0466%
SVB Financial Group	SIVB	0.0464%
SS&C Technologies Holdings Inc	SSNC	0.0464%
Kansas City Southern Inc	KSU	0.0462%
TransUnion	TRU	0.0462%
Norwegian Cruise Line Holdings Ltd	NCLH	0.0460%
UDR Inc	UDR	0.0458%

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W.W. Grainger Inc	GWW	0.0457%
Exact Sciences Corp	EXAS	0.0454%
Skyworks Solutions Inc	SWKS	0.0452%
Baker Hughes, a GE company	BHGE	0.0451%
Cboe Global Markets, Inc	CBOE	0.0448%
Hologic Inc	HOLX	0.0447%
Ally Financial Inc	ALLY	0.0446%
Fortinet Inc	FTNT	0.0446%
Citrix Systems Inc	CTXS	0.0446%
E*TRADE Financial Corp	ETFC	0.0445%
Atmos Energy Corp	ATO	0.0444%
Comerica Inc (MI)	CMA	0.0441%
Seagate Technology	STX	0.0441%
Take-Two Interactive Software	TTWO	0.0437%
Abiomed Inc	ABMD	0.0437%
Noble Energy Inc	NBL	0.0437%
Wynn Resorts Ltd	WYNN	0.0436%
Domino's Pizza Inc	DPZ	0.0435%
Varian Medical Systems Inc	VAR	0.0432%
IDEX Corp	IEX	0.0432%
Textron Inc	TXT	0.0432%
Cabot Oil & Gas A	COG	0.0431%
Apache Corp	APA	0.0431%
Advance Auto Parts Inc	AAP	0.0430%
Vornado Realty Trust	VNO	0.0429%
STERIS plc	STE	0.0428%
Okta, Inc.	OKTA	0.0424%
Alliant Energy Corp	LNT	0.0423%
NVR Inc	NVR	0.0419%
Hasbro Inc	HAS	0.0418%
Leidos Holdings Inc	LDOS	0.0418%
Masco Corp	MAS	0.0417%
CH Robinson Worldwide Inc	CHRW	0.0417%
Regency Centers Corp	REG	0.0415%
Duke Realty Corp	DRE	0.0412%
Burlington Stores Inc	BURL	0.0412%
Molson Coors Brewing Co B	TAP	0.0411%
MarketAxess Holdings	MKTX	0.0410%
Raymond James Financial Inc	RJF	0.0405%
Hormel Foods Corp	HRL	0.0404%

Company Name	Ticker Symbol	Weighting
AES Corp	AES	0.0404%
Pinnacle West Capital (AZ)	PNW	0.0401%
Fidelity National Financial Inc	FNF	0.0400%
Sun Communities	SUI	0.0400%
FactSet Research System Inc	FDS	0.0399%
DexCom Inc	DXCM	0.0397%
Equity Lifestyle Properties Inc	ELS	0.0396%
Tiffany & Co	TIF	0.0395%
Nasdaq Inc	NDAQ	0.0394%
Jack Henry & Associates Inc.	JKHY	0.0393%
Nisource Inc	NI	0.0390%
Henry Schein Inc	HSIC	0.0388%
Universal Health Services B	UHS	0.0388%
Dell Technologies Inc-C	DELL	0.0386%
NRG Energy	NRG	0.0384%
Paycom Software Inc	PAYC	0.0383%
Wabtec	WAB	0.0382%
Viacom Inc B	VIAB	0.0382%
Trimble Inc	TRMB	0.0378%
Mylan NV	MYL	0.0378%
Everest Re Group Ltd	RE	0.0378%
Vistra Energy	VST	0.0377%
United Rentals Inc	URI	0.0376%
Lennox International Inc	LII	0.0375%
Eastman Chemical Co	EMN	0.0373%
FMC Corp	FMC	0.0373%
TechnipFMC Ltd	FTI	0.0373%
Franklin Resources Inc	BEN	0.0371%
Camden Property Trust	CPT	0.0369%
Alleghany Corp (NY)	Y	0.0369%
Federal Realty Invt Trust	FRT	0.0365%
CenturyLink Inc	CTL	0.0362%
Targa Resources Corp	TRGP	0.0360%
Zebra Technologies Corp A	ZBRA	0.0357%
Allegion plc	ALLE	0.0357%
Reinsurance Group of America	RGA	0.0357%
Lamb Weston Holdings Inc	LW	0.0356%
Zendesk Inc	ZEN	0.0356%
Ionis Pharmaceuticals Inc	IONS	0.0355%
Discovery, Inc C	DISCK	0.0353%

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Wayfair Inc A	W	0.0353%
PerkinElmer Inc	PKI	0.0353%
Old Dominion Freight Line Inc	ODFL	0.0353%
Garmin Ltd	GRMN	0.0351%
CF Industries Holdings	CF	0.0349%
Sirius XM Holdings Inc	SIRI	0.0348%
UGI Corp	UGI	0.0346%
National Oilwell Varco Inc	NOV	0.0344%
WestRock Co	WRK	0.0342%
Iron Mountain Inc	IRM	0.0339%
AGNC Investment Corp	AGNC	0.0339%
PTC Inc	PTC	0.0339%
Kohl's Corp	KSS	0.0339%
Tapestry, Inc	TPR	0.0339%
Jacobs Engineering Group Inc	JEC	0.0338%
Juniper Networks Inc	JNPR	0.0338%
Arconic Inc	ARNC	0.0336%
Torchmark Corp	TMK	0.0335%
WR Berkley Corp	WRB	0.0334%
Spirit Aerosystems Holdings A	SPR	0.0333%
Packaging Corp of America	PKG	0.0333%
Teledyne Technologies Inc	TDY	0.0332%
Snap On Inc	SNA	0.0329%
Live Nation Entertainment Inc.	LYV	0.0329%
WEX Inc	WEX	0.0329%
Vail Resorts Inc	MTN	0.0328%
Huntington Ingalls Industries Inc.	HII	0.0328%
West Pharmaceutical Services Inc	WST	0.0327%
Brown-Forman Corp B	BF.B	0.0326%
EPAM Systems Inc	EPAM	0.0325%
Interpublic Group Cos	IPG	0.0324%
Mohawk Industries Inc	MHK	0.0323%
Booz Allen Hamilton Holding Corp A	BAH	0.0322%
Invitation Homes	INVH	0.0321%
SAGE Therapeutics Inc	SAGE	0.0320%
Nielsen Holdings plc	NLSN	0.0320%
Guidewire Software	GWRE	0.0319%
Snap, Inc.	SNAP	0.0319%
National Retail Properties Inc	NNN	0.0318%
LKQ Corp	LKQ	0.0318%

Company Name	Ticker Symbol	Weighting
OGE Energy Corp	OGE	0.0318%
Fair Isaac & Co Inc	FICO	0.0318%
Avery Dennison Corp	AVY	0.0317%
Zions Bancorporation N.A.	ZION	0.0317%
Amdocs Ltd	DOX	0.0315%
Western Union Co	WU	0.0315%
Tableau Software Inc A	DATA	0.0315%
Sarepta Therapeutics Inc	SRPT	0.0314%
Whirlpool Corp	WHR	0.0314%
F5 Networks Inc	FFIV	0.0313%
RingCentral Inc A	RNG	0.0313%
Molina Healthcare	MOH	0.0313%
US Foods Holding Corp.	USFD	0.0310%
J.B. Hunt Transport Services	JBHT	0.0310%
Tyler Technologies Inc	TYL	0.0310%
Aqua America Inc	WTR	0.0309%
Invesco Ltd	IVZ	0.0309%
VEREIT Inc	VER	0.0308%
Lear Corp	LEA	0.0306%
Pulte Group Inc	PHM	0.0306%
PVH Corp	PVH	0.0306%
Voya Financial, Inc	VOYA	0.0304%
Crown Holdings Inc	CCK	0.0302%
Aspen Technology Inc	AZPN	0.0302%
Mosaic Co	MOS	0.0302%
Black Knight Inc.	BKI	0.0301%
VICI Properties Inc.	VICI	0.0300%
Graco Inc	GGG	0.0300%
DISH Network Corp A	DISH	0.0299%
Euronet Services Inc	EEFT	0.0298%
Jazz Pharmaceuticals plc	JAZZ	0.0297%
ARAMARK	ARMK	0.0296%
Gaming & Leisure Properties Inc.	GLPI	0.0295%
Carlisle Cos	CSL	0.0294%
Etsy, Inc.	ETSY	0.0292%
Apartment Investment & Mgmt	AIV	0.0291%
Bright Horizons Family Solutions Inc	BFAM	0.0291%
Service Corp Intl	SCI	0.0290%
HD Supply Holdings Inc	HDS	0.0290%
Liberty Formula One-C	FWONK	0.0290%

Company Name	Ticker Symbol	Weighting
Kilroy Realty Corp	KRC	0.0289%
Omega Healthcare Investors	OHI	0.0289%
Middleby Corp The	MIDD	0.0288%
Alaska Air Group Inc	ALK	0.0287%
Kimco Realty Corp	KIM	0.0286%
On Semiconductor Corp	ON	0.0286%
Borgwarner Inc	BWA	0.0285%
Toro Co	TTC	0.0284%
Teradyne Inc	TER	0.0284%
Bio-Techne Corp	TECH	0.0283%
Unum Group	UNM	0.0282%
Qorvo, Inc	QRVO	0.0281%
Cognex Corp	CGNX	0.0280%
Fortune Brands Home & Security Inc	FBHS	0.0279%
Sensata Technologies Holding plc	ST	0.0278%
Five Below Inc.	FIVE	0.0276%
Brown & Brown Inc	BRO	0.0276%
Campbell Soup Co	CPB	0.0276%
KAR Auction Services Inc	KAR	0.0275%
ServiceMaster Global Holdings Inc	SERV	0.0274%
Bunge Ltd	BG	0.0273%
RPM International Inc.	RPM	0.0272%
SL Green Realty Corp	SLG	0.0272%
Cimarex Energy Co	XEC	0.0270%
Albemarle Corp	ALB	0.0270%
Pool Corp	POOL	0.0270%
The Trade Desk, Inc.	TTD	0.0269%
HubSpot Inc	HUBS	0.0269%
Seattle Genetics Inc	SGEN	0.0269%
Liberty Property Trust	LPT	0.0268%
RenaissanceRe Hldgs	RNR	0.0267%
Post Holdings Inc.	POST	0.0267%
AptarGroup Inc	ATR	0.0266%
LPL Investment Holdings	LPLA	0.0266%
Neurocrine Biosciences Inc	NBIX	0.0265%
American Financial Group	AFG	0.0263%
Lamar Advertising Co A	LAMR	0.0261%
Steel Dynamics Inc	STLD	0.0259%
Medical Properties Trust	MPW	0.0258%
HollyFrontier Corporation	HFC	0.0258%

Company Name	Ticker Symbol	Weighting
East West Bancorp Inc	EWBC	0.0258%
Nordson Corp	NDSN	0.0257%
Universal Display Corp	OLED	0.0257%
Bluebird Bio Inc	BLUE	0.0256%
CyrusOne Inc	CONE	0.0254%
Masimo Corp	MASI	0.0253%
New Residential Investment Corp.	NRZ	0.0253%
Robert Half Intl Inc	RHI	0.0253%
SEI Investments Corp	SEIC	0.0252%
FLIR Systems Inc	FLIR	0.0251%
Wabco Holdings Inc	WBC	0.0250%
STORE Capital Corp	STOR	0.0250%
Catalent Inc	CTLT	0.0249%
Macy's Inc	M	0.0249%
Alliance Data Systems Corp	ADS	0.0249%
Douglas Emmett	DEI	0.0248%
Flowserve Corp	FLS	0.0247%
Zayo Group Holdings Inc	ZAYO	0.0246%
Hubbell Inc	HUBB	0.0245%
Xerox Corp	XRX	0.0245%
Proofpoint Inc.	PFPT	0.0244%
Signature Bank NY	SBNY	0.0243%
Sealed Air Corp	SEE	0.0242%
People's United Financial Inc	PBCT	0.0240%
Old Republic Intl Corp	ORI	0.0239%
CDK Global Inc	CDK	0.0239%
Alnylam Pharmaceuticals Inc	ALNY	0.0239%
Hill-Rom Holdings Inc	HRC	0.0239%
Planet Fitness Inc A	PLNT	0.0238%
Donaldson Co	DCI	0.0237%
American Campus Communities Inc	ACC	0.0237%
Foot Locker Inc	FL	0.0236%
Sonoco Products Co	SON	0.0235%
A.O. Smith Corp	AOS	0.0235%
Berry Global Group Inc	BERY	0.0235%
Woodward Inc.	WWD	0.0234%
Cullen Frost Bankers (TX)	CFR	0.0234%
DaVita Inc	DVA	0.0234%
Charles River Laboratories	CRL	0.0233%
Starwood Property Trust Inc	STWD	0.0232%

Company Name	Ticker Symbol	Weighting
Perrigo Company plc	PRGO	0.0232%
American Homes 4 Rent A	AMH	0.0231%
Capri Holdings Ltd	CPRI	0.0231%
CubeSmart	CUBE	0.0231%
INSULET CORP	PODD	0.0230%
Dunkin' Brands Group Inc	DNKN	0.0230%
First American Financial Corp	FAF	0.0230%
HEICO Corp A	HEI.A	0.0230%
Park Hotels & Resorts Inc	PK	0.0229%
Assurant Inc	AIZ	0.0229%
Liberty Media SiriusXM-C	LSXMK	0.0228%
Exelixis Inc	EXEL	0.0228%
Hanesbrands Inc	HBI	0.0227%
Cree Inc	CREE	0.0226%
Helmerich & Payne Inc	HP	0.0226%
Hexcel Corp	HXL	0.0226%
GrubHub Inc	GRUB	0.0225%
Newell Brands Inc	NWL	0.0225%
Fox Corp B	FOX	0.0225%
Jones Lang Lasalle Inc	JLL	0.0225%
Ralph Lauren Corp A	RL	0.0224%
Coupa Software, Inc.	COUP	0.0223%
Reliance Steel & Aluminum	RS	0.0223%
Commerce Bancshares Inc (MO)	CBSH	0.0222%
Bio-Rad Laboratories Inc A	BIO	0.0221%
Encompass Health Corp	EHC	0.0220%
GCI Liberty, Inc-A	GLIBA	0.0219%
Autoliv Inc	ALV	0.0218%
Qurate Retail Inc-A	QRTEA	0.0217%
Nektar Therapeutics	NKTR	0.0217%
Gentex Corp	GNTX	0.0216%
EPR Properties	EPR	0.0216%
Credit Acceptance Corp	CACC	0.0216%
Americold Realty Trust	COLD	0.0215%
Arrow Electronics Inc	ARW	0.0215%
Pentair PLC	PNR	0.0215%
Healthcare Trust of America Inc.	HTA	0.0214%
Harley-Davidson Inc	HOG	0.0212%
Medidata Solutions Inc.	MDSO	0.0211%
Cable One Inc.	CABO	0.0211%

Company Name	Ticker Symbol	Weighting
Array Biopharma Inc	ARRY	0.0209%
H&R Block Inc	HRB	0.0209%
Cypress Semiconductor Corp	CY	0.0209%
ManpowerGroup	MAN	0.0209%
Synovus Financial Corp (GA)	SNV	0.0208%
Grand Canyon Education	LOPE	0.0207%
Rollins Inc	ROL	0.0206%
Royal Gold Inc	RGLD	0.0206%
Popular Inc (Puerto Rico)	BPOP	0.0206%
Genpact Ltd	G	0.0205%
Athene Holding	ATH	0.0205%
Sabre Corporation	SABR	0.0205%
JetBlue Airways Corp	JBLU	0.0204%
Parsley Energy Inc A	PE	0.0204%
Acuity Brands Inc	AYI	0.0204%
EQT Corporation	EQT	0.0203%
Brixmor Property Group Inc	BRX	0.0203%
Owens Corning Inc	OC	0.0203%
Ingredion Inc	INGR	0.0203%
Chemed Corp	CHE	0.0202%
Wyndham Hotel & Resorts Inc.	WH	0.0201%
AXA Equitable Holdings, Inc	EQH	0.0201%
Oshkosh Corporation	OSK	0.0200%
XPO Logistics Inc	XPO	0.0199%
Keurig Dr Pepper Inc	KDP	0.0198%
Caesars Entertainment Corp	CZR	0.0198%
Madison Square Garden Company A	MSG	0.0197%
Bemis Co Inc	BMS	0.0197%
Kemper Corporation	KMPR	0.0197%
Liberty Global plc A	LBTYA	0.0197%
Primerica Inc	PRI	0.0196%
ITT Inc	ITT	0.0196%
Allison Transmission Holdings Inc	ALSN	0.0196%
Hudson Pacific Properties Inc	HPP	0.0195%
Axalta Coating Systems Ltd	AXTA	0.0195%
CIT Group Inc	CIT	0.0194%
L Brands Inc	LB	0.0193%
Ollie's Bargain Outlet Holdings, Inc.	OLLI	0.0193%
IDACORP Inc	IDA	0.0193%
Haemonetics Corp	HAE	0.0192%

Company Name	Ticker Symbol	Weighting
Polaris Inds Inc	PII	0.0192%
AECOM	ACM	0.0192%
Toll Brothers Inc	TOL	0.0192%
Zynga Inc. A	ZNGA	0.0191%
Nuance Communications Inc	NUAN	0.0191%
CACI Intl Inc A	CACI	0.0190%
Watsco Inc	WSO	0.0190%
Lincoln Electric Hldgs	LECO	0.0190%
Pra Health Sciences Inc	PRAH	0.0188%
ViaSat Inc	VSAT	0.0188%
Curtiss-Wright Corp	CW	0.0187%
WPX Energy Inc.	WPX	0.0187%
CIENA Corp	CIEN	0.0187%
Quanta Services Inc	PWR	0.0186%
MDU Resources Group Inc	MDU	0.0186%
Leggett & Platt	LEG	0.0185%
Hanover Insurance Group Inc	THG	0.0184%
MGIC Investment Corp	MTG	0.0184%
Jefferies Financial Group Inc.	JEF	0.0184%
Grace W.R. & Co	GRA	0.0183%
New York Times Co A	NYT	0.0183%
National Fuel Gas	NFG	0.0182%
Entegris Inc	ENTG	0.0182%
Casey's General Stores Inc	CASY	0.0182%
Axis Capital Hldgs Ltd	AXS	0.0182%
JBG Smith Properties	JBGS	0.0182%
Radian Group	RDN	0.0181%
Monolithic Power Systems	MPWR	0.0181%
Zillow Group Inc C	Z	0.0180%
New York Community Bancorp Inc	NYCB	0.0180%
Genesee & Wyoming Inc A	GWR	0.0180%
Nexstar Media Group, Inc	NXST	0.0180%
BWX Technologies Inc.	BWXT	0.0179%
Gap Inc	GPS	0.0178%
Dropbox, Inc.	DBX	0.0177%
Avnet Inc	AVT	0.0177%
IPG Photonics Corp	IPGP	0.0177%
Portland General Electric	POR	0.0176%
Horizon Therapeutics	HZNP	0.0176%
TripAdvisor Inc. A	TRIP	0.0175%

Company Name	Ticker Symbol	Weighting
Essent Group Ltd	ESNT	0.0175%
Affiliated Managers Grp	AMG	0.0175%
MAXIMUS Inc	MMS	0.0174%
Emcor Group Inc	EME	0.0174%
PacWest Bancorp	PACW	0.0174%
Prosperity Bancshares Inc	PB	0.0173%
ONE Gas Inc	OGS	0.0173%
Kirby Corp	KEX	0.0173%
Eaton Vance Corp	EV	0.0172%
Alcoa Corp	AA	0.0172%
Webster Financial Corp (CT)	WBS	0.0171%
Hawaiian Electric Industries	HE	0.0171%
Gardner Denver Holdings, Inc.	GDI	0.0170%
News Corp A	NWSA	0.0169%
Highwoods Properties	HIW	0.0169%
First Horizon National Corp	FHN	0.0169%
Lazard Ltd	LAZ	0.0168%
Brighthouse Financial Inc	BHF	0.0168%
Ashland Global Holdings Inc	ASH	0.0168%
Herbalife Nutrition Ltd.	HLF	0.0168%
Life Storage, Inc	LSI	0.0167%
National Instruments Corp	NATI	0.0167%
Southwest Gas Holdings, Inc	SWX	0.0167%
Under Armour Inc A	UAA	0.0167%
New Relic Inc	NEWR	0.0166%
Murphy Oil Corp	MUR	0.0166%
First Solar Inc	FSLR	0.0166%
Blackstone Mortgage Trust Inc	BXMT	0.0165%
First Industrial Realty Trust	FR	0.0165%
Teladoc Health, Inc	TDOC	0.0165%
Assured Guaranty Ltd	AGO	0.0165%
Ryman Hospitality Properties Inc	RHP	0.0164%
Discovery, Inc A	DISCA	0.0164%
Macerich Co	MAC	0.0164%
REALPAGE INC	RP	0.0163%
Sterling Bancorp/DE	STL	0.0163%
Equitrans Midstream Corp	ETRN	0.0163%
Williams-Sonoma Inc	WSM	0.0163%
SLM Corp	SLM	0.0163%
Western Alliance Bancorp	WAL	0.0163%

Company Name	Ticker Symbol	Weighting
New Jersey Resources Corp	NJR	0.0162%
AGCO Corp	AGCO	0.0162%
Insperty Inc.	NSP	0.0162%
Spire Inc	SR	0.0161%
Iberiabank Corp	IBKC	0.0161%
Deckers Outdoor	DECK	0.0161%
Coresite Realty Corp	COR	0.0161%
Performance Food Group Co	PFGC	0.0160%
Hospitality Properties Trust	HPT	0.0160%
Penumbra Inc	PEN	0.0159%
Crane Co	CR	0.0159%
Landstar System Inc	LSTR	0.0159%
HEICO Corp	HEI	0.0159%
Selective Insurance Group Inc	SIGI	0.0157%
Allete Inc	ALE	0.0157%
Littelfuse Inc	LFUS	0.0157%
Fluor Corp	FLR	0.0157%
Huntsman Corp	HUN	0.0157%
Cinemark Holdings Inc	CNK	0.0157%
Howard Hughes Corp	HHC	0.0156%
Teradata Corp	TDC	0.0156%
Flowers Foods Inc	FLO	0.0156%
Bruker BioSciences Corp	BRKR	0.0155%
Stericycle Inc	SRCL	0.0155%
Stifel Financial Corp	SF	0.0155%
FirstCash Inc	FCFS	0.0155%
Brunswick Corp	BC	0.0154%
EastGroup Properties	EGP	0.0154%
First Financial Bankshs (TX)	FFIN	0.0154%
Wyndham Destinations, Inc.	WYND	0.0154%
Black Hills Corp	BKH	0.0154%
Sprint Nextel Corp	S	0.0154%
Wintrust Financial Corp	WTFC	0.0153%
MKS Instruments Inc	MKSI	0.0153%
Carters Inc	CRI	0.0153%
Pinnacle Financial	PNFP	0.0153%
Silicon Laboratories Inc	SLAB	0.0153%
Erie Indemnity Co A	ERIE	0.0152%
Under Armour Inc-C	UA	0.0152%
Cracker Barrel Old Country Store Inc	CBRL	0.0151%

Company Name	Ticker Symbol	Weighting
Coty Inc.	COTY	0.0151%
Nordstrom Inc	JWN	0.0151%
Interactive Brokers Group A	IBKR	0.0151%
J2 Global Inc	JCOM	0.0150%
Synnex Corp	SNX	0.0150%
Science Applications International Corp	SAIC	0.0150%
Healthcare Realty Trust	HR	0.0150%
Dolby Laboratories A	DLB	0.0149%
Pebblebrook Hotel Trust	PEB	0.0149%
The Chemours Company	CC	0.0148%
The Brink's Co	BCO	0.0147%
nVent Electric plc	NVT	0.0147%
BANK OZK	OZK	0.0146%
Knight-Swift Transportation Holdings Inc.	KNX	0.0146%
Rayonier Inc	RYN	0.0146%
Alkermes plc	ALKS	0.0146%
Air Lease Corp	AL	0.0145%
Equity Commonwealth	EQC	0.0145%
Jabil Inc	JBL	0.0145%
Blackbaud Inc	BLKB	0.0145%
First Citizens Bancshares Inc. (NC) A	FCNCA	0.0145%
Cousins Properties	CUZ	0.0145%
Chegg Inc	CHGG	0.0145%
United Therapeutics Corp	UTHR	0.0144%
Graphic Packaging Holding Co	GPK	0.0144%
Transocean Ltd	RIG	0.0144%
United Bankshares Inc (WV)	UBSI	0.0143%
LogMeIn Inc	LOGM	0.0142%
Skechers USA Inc A	SKX	0.0142%
HealthEquity Inc	HQY	0.0142%
Marriott Vacations Worldwide Corporation	VAC	0.0142%
Mattel Inc	MAT	0.0142%
Umpqua Hldgs Corp	UMPQ	0.0141%
FNB Corp	FNB	0.0141%
PNM Resources Inc	PNM	0.0140%
Ingevity Corp	NGVT	0.0140%
Six Flags Entertainment Corp	SIX	0.0140%
ICU Medical Inc	ICUI	0.0140%
Olin Corp	OLN	0.0140%
Texas Roadhouse	TXRH	0.0139%

Company Name	Ticker Symbol	Weighting
Continental Resources Inc/OK	CLR	0.0139%
PBF Energy Inc A	PBF	0.0139%
Tribune Media Co A	TRCO	0.0138%
MSA Safety Inc	MSA	0.0138%
Tech Data Corp	TECD	0.0138%
Spirit Realty Capital Inc	SRC	0.0137%
ACI Worldwide Inc	ACIW	0.0136%
Wright Medical Group NV	WMGI	0.0135%
Trex Co	TREX	0.0135%
NewMarket Corp	NEU	0.0134%
Associated Banc-Corp (IL)	ASB	0.0134%
Pure Storage Inc	PSTG	0.0133%
Goodyear Tire & Rubber Co	GT	0.0133%
Janus Henderson Group plc	JHG	0.0133%
Scotts Co. A	SMG	0.0132%
Generac Holdings Inc	GNRC	0.0132%
Commscope Holding Co Inc	COMM	0.0131%
LivaNova PLC	LIVN	0.0131%
Apple Hospitality REIT Inc	APLE	0.0131%
Integra Lifesciences Hldg	IART	0.0131%
Sabra Health Care REIT	SBRA	0.0131%
Lumentum Holdings Inc	LITE	0.0131%
Chimera Investment Corporation	CIM	0.0130%
Two Harbors Investment Corporation	TWO	0.0130%
Hancock Whitney Corp	HWC	0.0130%
LHC Group	LHCG	0.0129%
Churchill Downs Inc	CHDN	0.0129%
Weingarten Realty Investors	WRI	0.0129%
World Wrestling Entertainment Inc-A	WWE	0.0129%
The Wendy's Company	WEN	0.0128%
Glacier Bancorp Inc	GBCI	0.0128%
RBC Bearings	ROLL	0.0128%
TCF Financial Corp (MN)	TCF	0.0128%
MSC Industrial Direct A	MSM	0.0128%
Evercore Inc A	EVR	0.0127%
BankUnited Inc	BKU	0.0127%
Valley National Bancorp (NJ)	VLY	0.0127%
National Health Investors	NHI	0.0126%
Valvoline Inc	VVV	0.0126%
American Eagle Outfitters	AEO	0.0125%

Company Name	Ticker Symbol	Weighting
Spirit Airlines Inc.	SAVE	0.0124%
Darling Ingredients Inc	DAR	0.0123%
Sunstone Hotel Investors	SHO	0.0122%
Amedisys Inc	AMED	0.0121%
PS Business Parks Inc	PSB	0.0121%
Paylocity Holding Corp	PCTY	0.0119%
Liberty Media SiriusXM-A	LSXMA	0.0119%
Eldorado Resorts, Inc	ERI	0.0119%
Macquarie Infrastructure Corp	MIC	0.0119%
TreeHouse Foods Inc	THS	0.0118%
Globus Medical Inc. A	GMED	0.0118%
Timken Co	TKR	0.0118%
Altice USA Inc.-A	ATUS	0.0112%
AMERCO Inc	UHAL	0.0112%
Thor Industries Inc	THO	0.0112%
UMB Financial Corp	UMBF	0.0112%
Nutanix, Inc.A	NTNX	0.0111%
Proto Labs Inc	PRLB	0.0110%
Telephone & Data Systems Inc	TDS	0.0110%
Louisiana Pacific Corp	LPX	0.0110%
Semtech Corp	SMTC	0.0110%
Mastec Inc	MTZ	0.0110%
FireEye Inc	FEYE	0.0108%
Lancaster Colony Corp	LANC	0.0107%
Columbia Sportswear Co	COLM	0.0107%
Choice Hotels Intl	CHH	0.0107%
Paramount Group Inc	PGRE	0.0107%
NU Skin Enterprises Inc A	NUS	0.0106%
Ceridian HCM Holding Inc.	CDAY	0.0106%
LendingTree, Inc	TREE	0.0105%
Avangrid Inc	AGR	0.0104%
FibroGen Inc	FGEN	0.0101%
Immunomedics Inc	IMMU	0.0101%
Covetrus, Inc.	CVET	0.0100%
Pegasystems Inc	PEGA	0.0100%
Enersys	ENS	0.0099%
Agios Pharmaceuticals Inc	AGIO	0.0097%
Bok Financial Corp (OK)	BOKF	0.0096%
United States Steel Corp	X	0.0096%
Syneos Health, Inc	SYNH	0.0096%

Company Name	Ticker Symbol	Weighting
Investors Bancorp	ISBC	0.0095%
Morningstar	MORN	0.0092%
Cantel Medical Corp	CMD	0.0092%
First Hawaiian Inc.	FHB	0.0092%
Santander Consumer USA Holdings Inc	SC	0.0090%
Ubiquiti Networks Inc	UBNT	0.0090%
OneMain Holdings Inc	OMF	0.0089%
Element Solutions Inc.	ESI	0.0089%
BJ's Wholesale Club Holdings	BJ	0.0089%
Mednax Inc	MD	0.0088%
Westlake Chemical Corp	WLK	0.0087%
AutoNation Inc	AN	0.0086%
Green Dot Corp	GDOT	0.0085%
Peabody Energy Corp	BTU	0.0079%
Urban Outfitters	URBN	0.0076%
Emergent Biosolutions Inc	EBS	0.0074%
Intercept Pharmaceuticals Inc	ICPT	0.0072%
Centennial Resource Development, Inc	CDEV	0.0072%
Uniti Group Inc	UNIT	0.0070%
Penske Auto Group	PAG	0.0060%
Antero Resources Corp	AR	0.0059%
Pilgrims Pride Corp	PPC	0.0053%
Intelsat SA	I	0.0053%
CVR Energy Inc	CVI	0.0051%
DocuSign Inc	DOCU	0.0047%
CNA Financial Corp (IL)	CNA	0.0047%
Seaboard Corp	SEB	0.0046%
CarGurus Inc.	CARG	0.0044%
Zscaler, Inc.	ZS	0.0042%
Livent Corporation	LTHM	0.0039%
American National Insurance Co	ANAT	0.0037%
TFS Financial Corp	TFSL	0.0034%
ADT Inc.	ADT	0.0029%
GrafTech International Ltd.	EAF	0.0024%
National Beverage Corp	FIZZ	0.0024%
Gates Industrial Corporation plc	GTES	0.0021%

TOTAL 100%

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