

Index Name: Fidelity U.S. Extended Investable Market Index
 Index Ticker Symbol: FIDUSENP
 Index Rebalance Effective Date: 03/22/2021



COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
1-800 FLOWER.COM Inc A	FLWS	US	USD	0.01196%
1Life Healthcare, Inc	ONEM	US	USD	0.05297%
22nd Century Group Inc	XXII	US	USD	0.00557%
2U Inc	TWOU	US	USD	0.04605%
3D Systems Corp	DDD	US	USD	0.05421%
8X8 Inc	EGHT	US	USD	0.06138%
A-Mark Precious Metals	AMRK	US	USD	0.00246%
A.O. Smith Corp	AOS	US	USD	0.14414%
A10 Networks Inc	ATEN	US	USD	0.00956%
Aaon Inc	AAON	US	USD	0.05046%
AAR Corp	AIR	US	USD	0.02334%
Abeona Therapeutics Inc	ABEO	US	USD	0.00252%
Abercrombie & Fitch Company A	ANF	US	USD	0.03376%
ABM Industries Inc	ABM	US	USD	0.05332%
Acacia Research	ACTG	US	USD	0.00540%
Acadia Healthcare Company Inc	ACHC	US	USD	0.08564%
Acadia Pharmaceuticals Inc	ACAD	US	USD	0.04908%
Acadia Realty Trust	AKR	US	USD	0.02951%
Accel Entertainment Inc.	ACEL	US	USD	0.01049%
Accelerate Diagnostics Inc.	AXDX	US	USD	0.00501%
Acceleron Pharma Inc.	XLRN	US	USD	0.11388%
ACCO Brands Corp	ACCO	US	USD	0.01387%
Accolade, Inc.	ACCD	US	USD	0.01134%
Accuray Inc	ARAY	US	USD	0.00806%
AcelRx Pharmaceuticals Inc	ACRX	US	USD	0.00373%
ACI Worldwide Inc	ACIW	US	USD	0.07755%
ACM Research, Inc.	ACMR	US	USD	0.01544%
Acuity Brands Inc	AYI	US	USD	0.07913%
Acushnet Holdings Corp.	GOLF	US	USD	0.02410%
Acutus Medical, Inc.	AFIB	US	USD	0.00291%
AdaptHealth Corp.	AHCO	US	USD	0.04350%
Adaptive Biotechnologies Corp.	ADPT	US	USD	0.05767%
Addus HomeCare Corp	ADUS	US	USD	0.02590%
Adient Inc.	ADNT	US	USD	0.06120%
ADMA Biologics Inc.	ADMA	US	USD	0.00340%
ADT Inc.	ADT	US	USD	0.01947%
Adtalem Global Education Inc	ATGE	US	USD	0.03327%
ADTRAN Inc	ADTN	US	USD	0.01407%
Advance Auto Parts Inc	AAP	US	USD	0.19715%
Advanced Drainage Systems Inc	WMS	US	USD	0.08871%
Advanced Energy Industries	AEIS	US	USD	0.06681%
AdvanSix Inc	ASIX	US	USD	0.01325%
Adverum Biotechnologies, Inc	ADVM	US	USD	0.01712%
AECOM	ACM	US	USD	0.14731%

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Aegion Corp.	AEGN	US	USD	0.01337%
Aeglea BioTherapeutics, Inc.	AGLE	US	USD	0.00525%
Aerie Pharmaceuticals, Inc.	AERI	US	USD	0.01550%
Aerojet Rocketdyne Holdings Inc	AJRD	US	USD	0.05634%
Aerovironment Inc	AVAV	US	USD	0.03917%
Affiliated Managers Grp	AMG	US	USD	0.09840%
Affirm Holdings, Inc. Class A	AFRM	US	USD	0.04340%
AG Mortgage Investment Trust Inc	MITT	US	USD	0.00287%
AGCO Corp	AGCO	US	USD	0.13500%
Agenus Inc.	AGEN	US	USD	0.00853%
Agile Therapeutics Inc	AGRX	US	USD	0.00298%
Agilysys Inc	AGYS	US	USD	0.01893%
Agios Pharmaceuticals Inc	AGIO	US	USD	0.04714%
AGNC Investment Corp	AGNC	US	USD	0.14766%
Agree Realty Corp	ADC	US	USD	0.06917%
Air Lease Corp	AL	US	USD	0.08772%
Air Transport Services Group Inc	ATSG	US	USD	0.03020%
Airbnb, Inc. Class A	ABNB	US	USD	0.22651%
Airgain, Inc.	AIRG	US	USD	0.00343%
Akebia Therapeutics Inc	AKBA	US	USD	0.00928%
Akero Therapeutics, Inc.	AKRO	US	USD	0.00992%
Akouos, Inc.	AKUS	US	USD	0.00447%
Akoustis Technologies, Inc.	AKTS	US	USD	0.00858%
Alamo Group Inc	ALG	US	USD	0.02593%
Alarm.com Holdings, Inc.	ALRM	US	USD	0.06594%
Alaska Air Group Inc	ALK	US	USD	0.13950%
Alaska Comm Systems Group	ALSK	US	USD	0.00263%
Albany Intl Corp A	AIN	US	USD	0.04419%
Albireo Pharma, Inc	ALBO	US	USD	0.01097%
Alcoa Corp	AA	US	USD	0.09363%
Aldeyra Therapeutics Inc	ALDX	US	USD	0.00891%
Alector Inc	ALEC	US	USD	0.01599%
Alexander & Baldwin Inc.	ALEX	US	USD	0.02269%
Alexander's Inc	ALX	US	USD	0.01045%
Alkermes plc	ALKS	US	USD	0.05254%
Allakos Inc.	ALLK	US	USD	0.06440%
Alleghany Corp (NY)	Y	US	USD	0.15218%
Allegheny Technologies Inc	ATI	US	USD	0.04512%
Allegiance Bancshares, Inc.	ABTX	US	USD	0.01281%
Allegiant Travel Co	ALGT	US	USD	0.05684%
Allegion plc	ALLE	US	USD	0.17433%
Allete Inc	ALE	US	USD	0.05729%
Alliance Data Systems Corp	ADS	US	USD	0.08959%
Allison Transmission Holdings Inc	ALSN	US	USD	0.07699%
Allogene Therapeutics, Inc.	ALLO	US	USD	0.04123%
AlloVir, Inc.	ALVR	US	USD	0.00885%
Allscript Healthcare Solutions Inc	MDRX	US	USD	0.04061%
Alpha & Omega Semiconductor Ltd	AOSL	US	USD	0.01162%

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Alpha Pro Tech Ltd	APT	US	USD	0.00220%
Alphatec Holdings	ATEC	US	USD	0.01510%
Altair Engineering Inc.	ALTR	US	USD	0.04548%
Alteryx, Inc.	AYX	US	USD	0.08773%
Altice USA Inc.-A	ATUS	US	USD	0.13769%
Altimune Inc	ALT	US	USD	0.00730%
Alto Ingredients, Inc.	ALTO	US	USD	0.00781%
Altra Industrial Motion Corp	AIMC	US	USD	0.06181%
ALX Oncology Holdings, Inc.	ALXO	US	USD	0.01414%
Ambac Financial Group	AMBC	US	USD	0.01378%
Ambarella Inc	AMBA	US	USD	0.06462%
AMC Entertainment Holdings Inc A	AMC	US	USD	0.06660%
AMC Networks Inc.-A	AMCX	US	USD	0.03561%
Amdocs Ltd	DOX	US	USD	0.17339%
Amedisys Inc	AMED	US	USD	0.14085%
AMERCO Inc	UHAL	US	USD	0.08867%
Ameresco Inc A	AMRC	US	USD	0.01525%
America's Car Mart Inc	CRMT	US	USD	0.01573%
American Airlines Group Inc.	AAL	US	USD	0.23198%
American Assets Trust Inc	AAT	US	USD	0.03000%
American Axle & Mfg Holdings	AXL	US	USD	0.02172%
American Campus Communities Inc	ACC	US	USD	0.09728%
American Eagle Outfitters	AEO	US	USD	0.07262%
American Equity Inv Life	AEL	US	USD	0.04694%
American Finance Trust, Inc.	AFIN	US	USD	0.01811%
American Financial Group	AFG	US	USD	0.13533%
American Homes 4 Rent A	AMH	US	USD	0.13629%
American National Group, Inc	ANAT	US	USD	0.01535%
American Outdoor Brands Inc	AOUT	US	USD	0.00529%
American Public Education Inc	APEI	US	USD	0.00695%
American Software Inc A	AMSWA	US	USD	0.01048%
American States Water Co	AWR	US	USD	0.04469%
American Superconductor	AMSC	US	USD	0.00984%
American Vanguard Corp	AVD	US	USD	0.00930%
American Woodmark Corp	AMWD	US	USD	0.02869%
Americold Realty Trust	COLD	US	USD	0.14580%
Ameris Bancorp	ABCB	US	USD	0.06027%
Amerisafe	AMSF	US	USD	0.02072%
Amicus Therapeutics Inc	FOLD	US	USD	0.04550%
Amkor Technology Inc	AMKR	US	USD	0.03921%
AMN Healthcare Services Inc	AMN	US	USD	0.05986%
Amneal Pharmaceuticals, Inc- A	AMRX	US	USD	0.01142%
Amphastar Pharmaceuticals, Inc.	AMPH	US	USD	0.01154%
Ampio Pharmaceuticals Inc.	AMPE	US	USD	0.00483%
Amyris Inc.	AMRS	US	USD	0.04850%
Anaplan Inc.	PLAN	US	USD	0.13660%
AnaptysBio, Inc	ANAB	US	USD	0.00681%
Anavex Life Sciences Corporation	AVXL	US	USD	0.01428%

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Andersons Inc	ANDE	US	USD	0.01498%
ANGI Homeservices Inc. A	ANGI	US	USD	0.02104%
Angiodynamics Inc	ANGO	US	USD	0.01388%
ANI Pharmaceuticals Inc	ANIP	US	USD	0.00484%
Anika Therapeutics Inc	ANIK	US	USD	0.00811%
Annaly Capital Management Inc.	NLY	US	USD	0.19982%
Annexon, Inc.	ANNX	US	USD	0.00848%
Antares Pharma Inc	ATRS	US	USD	0.01083%
Anterix Inc.	ATEX	US	USD	0.00869%
Antero Resources Corp	AR	US	USD	0.04299%
Anworth Mortgage Asset Corp	ANH	US	USD	0.00487%
APA Corporation	APA	US	USD	0.13689%
Apartment Income REIT Corp.	AIRC	US	USD	0.10498%
Apartment Investment & Mgmt	AIV	US	USD	0.01230%
Apellis Pharmaceuticals, Inc.	APLS	US	USD	0.04756%
APi Group Corporation	APG	US	USD	0.05026%
Apogee Enterprises Inc	APOG	US	USD	0.01751%
Apollo Commercial Real Estate Finance, Inc.	ARI	US	USD	0.03005%
Apollo Global Management Inc.	APO	US	USD	0.16221%
Apollo Medical Holdings Inc.	AMEH	US	USD	0.00543%
AppFolio Inc. A	APPF	US	USD	0.04213%
APPIAN CORP	APPN	US	USD	0.09800%
Apple Hospitality REIT Inc	APLE	US	USD	0.05089%
Applied Genetic Technologies Corp/DE	AGTC	US	USD	0.00345%
Applied Industrial Technologies	AIT	US	USD	0.05979%
Applied Molecular Transport, Inc.	AMTI	US	USD	0.01554%
Applied Optoelectronics Inc.	AAOI	US	USD	0.00300%
Applied Therapeutics, Inc.	APLT	US	USD	0.00478%
Aprea Therapeutics, Inc.	APRE	US	USD	0.00115%
AptarGroup Inc	ATR	US	USD	0.15064%
Aquestive Therapeutics	AQST	US	USD	0.00154%
ARAMARK	ARMK	US	USD	0.17829%
Arbor Realty Trust	ABR	US	USD	0.03127%
Arbutus Biopharma Corp	ABUS	US	USD	0.00410%
ArcBest Corporation	ARCB	US	USD	0.03144%
Arch Resources Inc Cl A	ARCH	US	USD	0.01272%
Archrock Inc	AROC	US	USD	0.02206%
Arconic Corp	ARNC	US	USD	0.04604%
Arcosa Inc.	ACA	US	USD	0.05028%
Arcturus Therapeutics Holdings Inc.	ARCT	US	USD	0.01665%
Arcus Biosciences, Inc.	RCUS	US	USD	0.02427%
Arcutis Biotherapeutics Inc.	ARQT	US	USD	0.01527%
Ardelyx Inc.	ARDX	US	USD	0.00711%
Arena Pharmaceuticals Inc	ARNA	US	USD	0.07640%
Ares Commercial Real Estate Corp	ACRE	US	USD	0.00800%
Ares Management Corp	ARES	US	USD	0.08910%
Argan Inc	AGX	US	USD	0.01294%
Argo Group International Holdings Ltd	ARGO	US	USD	0.03012%

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Arlo Technologies, Inc.	ARLO	US	USD	0.01011%
Armada Hoffer Properties Inc	AHH	US	USD	0.01362%
ARMOUR Residential REIT Inc.	ARR	US	USD	0.01326%
Armstrong World Industries	AWI	US	USD	0.07426%
Arrow Electronics Inc	ARW	US	USD	0.12879%
Arrowhead Pharmaceuticals, Inc	ARWR	US	USD	0.12176%
Artisan Partners Asset Management Inc A	APAM	US	USD	0.05061%
Arvinas Inc	ARVN	US	USD	0.03976%
Asbury Automotive Group Inc	ABG	US	USD	0.05722%
ASGN Incorporated	ASGN	US	USD	0.08296%
Ashland Global Holdings Inc	ASH	US	USD	0.07906%
Aspen Aerogels Inc	ASPN	US	USD	0.00972%
Aspen Group Inc.	ASPU	US	USD	0.00297%
Aspen Technology Inc	AZPN	US	USD	0.17223%
Aspira Women's Health Inc.	AWH	US	USD	0.00767%
Assembly Biosciences, Inc	ASMB	US	USD	0.00319%
AssetMark Financial Holdings, Inc.	AMK	US	USD	0.00715%
Associated Banc-Corp (IL)	ASB	US	USD	0.05614%
Assurant Inc	AIZ	US	USD	0.13117%
Assured Guaranty Ltd	AGO	US	USD	0.05900%
Astec Industries Inc	ASTE	US	USD	0.02708%
Astronics Corp A	ATRO	US	USD	0.00630%
At Home Group	HOME	US	USD	0.02578%
Atara Biotherapeutics Inc.	ATRA	US	USD	0.02322%
Athene Holding	ATH	US	USD	0.10441%
Athenex, Inc.	ATNX	US	USD	0.00562%
ATHERSYS INC	ATHX	US	USD	0.00571%
Atkore Inc.	ATKR	US	USD	0.05552%
Atlantic Union Bankshares Corporation	AUB	US	USD	0.05146%
Atlas Air Worldwide Holdings Inc	AAWW	US	USD	0.02692%
Atmos Energy Corp	ATO	US	USD	0.19224%
ATN International, Inc	ATNI	US	USD	0.00929%
Atomera Incorporated	ATOM	US	USD	0.00769%
Atreca, Inc.-A	BCEL	US	USD	0.00826%
AtriCure Inc	ATRC	US	USD	0.04806%
Atrion Corp	ATRI	US	USD	0.01521%
Autoliv Inc	ALV	US	USD	0.12612%
AutoNation Inc	AN	US	USD	0.07886%
Avangrid Inc	AGR	US	USD	0.04494%
Avanos Medical, Inc	AVNS	US	USD	0.03861%
Avaya Holdings Corp.	AVYA	US	USD	0.03762%
Avid Bioservices, Inc	CDMO	US	USD	0.01514%
Avid Technology	AVID	US	USD	0.01425%
Avidity Biosciences Inc.	RNA	US	USD	0.00669%
Avient Corp	AVNT	US	USD	0.07240%
Avis Budget Group Inc	CAR	US	USD	0.05403%
Avista Corp	AVA	US	USD	0.04889%
Avita Medical Inc	RCEL	US	USD	0.00774%

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Avnet Inc	AVT	US	USD	0.06507%
AVROBIO, Inc	AVRO	US	USD	0.00717%
Axalta Coating Systems Ltd	AXTA	US	USD	0.10237%
Axcelis Technologies Inc	ACLS	US	USD	0.02127%
Axis Capital Hldgs Ltd	AXS	US	USD	0.06932%
Axogen Inc	AXGN	US	USD	0.01232%
Axon Enterprise Inc	AXON	US	USD	0.15407%
Axonics Modulation Technologies, Inc.	AXNX	US	USD	0.02917%
Axos Financial, Inc.	AX	US	USD	0.04250%
Axsome Therapeutics, Inc.	AXSM	US	USD	0.02894%
AXT Inc	AXTI	US	USD	0.00748%
Aytu Biosciences Inc.	AYTU	US	USD	0.00241%
AZZ Inc	AZZ	US	USD	0.02292%
B&G Foods Inc	BGS	US	USD	0.03328%
B. Riley Financial, Inc.	RILY	US	USD	0.01669%
Badger Meter Inc	BMI	US	USD	0.05013%
Balchem Corp	BCPC	US	USD	0.06936%
Bally's Corporation	BALY	US	USD	0.01920%
Banc of California Inc	BANC	US	USD	0.01540%
Bancfirst Corp	BANF	US	USD	0.02220%
Bancorp Inc	TBBK	US	USD	0.01943%
BancorpSouth Inc (MS)	BXS	US	USD	0.05469%
Bandwidth Inc	BAND	US	USD	0.04895%
Bank of Hawaii Corp	BOH	US	USD	0.06144%
BANK OZK	OZK	US	USD	0.08853%
BankUnited Inc	BKU	US	USD	0.07108%
Banner Corporation	BANR	US	USD	0.03348%
Barnes & Noble Education Inc	BNED	US	USD	0.00365%
Barnes Group Inc	B	US	USD	0.04296%
Barrett Business Services	BBSI	US	USD	0.00936%
Bassett Furniture Industries	BSET	US	USD	0.00341%
Beacon Roofing Supply	BECN	US	USD	0.04687%
Beam Therapeutics Inc.	BEAM	US	USD	0.03764%
Beazer Homes USA Inc	BZH	US	USD	0.01000%
Bed Bath & Beyond Inc	BBBY	US	USD	0.06063%
Belden Inc	BDC	US	USD	0.03360%
BellRing Brands Inc.-A	BRBR	US	USD	0.01688%
Benchmark Electronics Inc	BHE	US	USD	0.01867%
Benefitfocus Inc	BNFT	US	USD	0.00668%
Berkshire Hills Bancorp Inc	BHLB	US	USD	0.01978%
Berry Corporation (bry)	BRY	US	USD	0.00646%
Berry Global Group Inc	BERY	US	USD	0.13353%
Beyond Meat, Inc.	BYND	US	USD	0.11652%
BeyondSpring Inc.	BYSI	US	USD	0.00507%
BGC Partners Inc A	BGCP	US	USD	0.02473%
Big 5 Sporting Goods Corp	BGFV	US	USD	0.00516%
Big Lots Inc	BIG	US	USD	0.03708%
BigCommerce Holdings, Inc.	BIGC	US	USD	0.01181%

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Bill.com Holdings Inc.	BILL	US	USD	0.15411%
BioCryst Pharmaceutical Inc	BCRX	US	USD	0.03591%
Biodelivery Sciences Intl	BDSI	US	USD	0.00696%
Biohaven Pharmaceutical Holding Company Ltd.	BHVN	US	USD	0.07125%
BioLife Solutions Inc.	BLFS	US	USD	0.01539%
BioSig Technologies, Inc	BSGM	US	USD	0.00205%
BioXcel Therapeutics, Inc	BTAI	US	USD	0.01192%
BJ's Restaurants Inc	BJRI	US	USD	0.02160%
BJ's Wholesale Club Holdings	BJ	US	USD	0.09768%
Black Diamond Therapeutics, Inc.	BDTX	US	USD	0.00724%
Black Hills Corp	BKH	US	USD	0.06697%
Blackbaud Inc	BLKB	US	USD	0.05689%
BlackLine, Inc.	BL	US	USD	0.09510%
Blackstone Mortgage Trust Inc	BXMT	US	USD	0.07601%
Blink Charging Co	BLNK	US	USD	0.01751%
Bloom Energy Corp	BE	US	USD	0.05521%
Bloomin' Brands Inc	BLMN	US	USD	0.03490%
Blucora Inc	BCOR	US	USD	0.01366%
Blue Apron Holdings, Inc.-A	APRN	US	USD	0.00178%
Blue Bird Corporation (Common)	BLBD	US	USD	0.00707%
Bluebird Bio Inc	BLUE	US	USD	0.03386%
BlueLinx Holdings	BXC	US	USD	0.00595%
Blueprint Medicines Corporation	BPMC	US	USD	0.09450%
Bluerock Residential Growth REIT Inc A	BRG	US	USD	0.00442%
Boingo Wireless Inc	WIFI	US	USD	0.01059%
Boise Cascade Co	BCC	US	USD	0.03784%
Bok Financial Corp (OK)	BOKF	US	USD	0.04780%
Bonanza Creek Energy Inc	BCEI	US	USD	0.01105%
Boot Barn Holdings Inc	BOOT	US	USD	0.02855%
Booz Allen Hamilton Holding Corp A	BAH	US	USD	0.18043%
Borgwarner Inc	BWA	US	USD	0.20079%
Boston Beer Inc A	SAM	US	USD	0.17105%
Boston Omaha Corporation	BOMN	US	USD	0.01130%
Boston Private Finl Hldgs Inc	BPFH	US	USD	0.01910%
Bottomline Technologies Inc	EPAY	US	USD	0.03054%
Box Inc A	BOX	US	USD	0.05156%
Boyd Gaming Corp	BYD	US	USD	0.07870%
Brady Corporation A	BRC	US	USD	0.04462%
Brainstorm Cell Therapeutics Inc	BCLI	US	USD	0.00190%
Brandywine Realty Trust	BDN	US	USD	0.03826%
Bridge Biopharma, Inc.	BBIO	US	USD	0.10550%
Brigham Minerals Inc.	MNRL	US	USD	0.00959%
Bright Horizons Family Solutions Inc	BFAM	US	USD	0.16603%
Brightcove Inc.	BCOV	US	USD	0.01452%
Brighthouse Financial Inc	BHF	US	USD	0.06349%
BrightSphere Investment Group Inc	BSIG	US	USD	0.01956%
BrightView Holdings Inc	BV	US	USD	0.00879%
Brinker Intl Inc	EAT	US	USD	0.05406%

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Bristow Group Inc.	VTOL	US	USD	0.01084%
Brixmor Property Group Inc	BRX	US	USD	0.10005%
Broadmark Realty Capital Inc.	BRMK	US	USD	0.02159%
Brookdale Senior Living	BKD	US	USD	0.01854%
Brookline Bancorp Inc	BRKL	US	USD	0.02026%
Brooks Automation Inc	BRKS	US	USD	0.10158%
Brown & Brown Inc	BRO	US	USD	0.18169%
BRP Group-A	BRP	US	USD	0.02003%
Bruker BioSciences Corp	BRKR	US	USD	0.10375%
Brunswick Corp	BC	US	USD	0.12529%
Bryn Mawr Bank Corp	BMTC	US	USD	0.01419%
Buckle Inc	BKE	US	USD	0.01894%
Builders FirstSource	BLDR	US	USD	0.15436%
Bunge Ltd	BG	US	USD	0.18605%
Burning Rock Biotech Limited	BNR	US	USD	0.00768%
BWX Technologies Inc.	BWXT	US	USD	0.09510%
Cable One Inc.	CABO	US	USD	0.16565%
Cabot Corp	CBT	US	USD	0.04895%
Cabot Oil & Gas A	COG	US	USD	0.12400%
CACI International Inc	CACI	US	USD	0.09456%
Cactus, Inc.	WHD	US	USD	0.02612%
Cadence Bancorporation	CADE	US	USD	0.04562%
Cadiz Inc	CDZI	US	USD	0.00582%
CAI International Inc.	CAI	US	USD	0.01215%
Cal Maine Foods Inc	CALM	US	USD	0.02679%
CalAmp Corp	CAMP	US	USD	0.00675%
Calavo Growers Inc	CVGW	US	USD	0.02330%
Caleres Inc	CAL	US	USD	0.01174%
California Water Services Group	CWT	US	USD	0.04417%
Calithera Biosciences Inc	CALA	US	USD	0.00307%
Calix Inc	CALX	US	USD	0.04164%
Callaway Golf Co	ELY	US	USD	0.04788%
Callon Petroleum Co	CPE	US	USD	0.02464%
Camden Natl Corp	CAC	US	USD	0.01169%
Camden Property Trust	CPT	US	USD	0.16788%
Campbell Soup Co	CPB	US	USD	0.15993%
Camping World Holdings, Inc.	CWH	US	USD	0.02323%
Cannae Holdings Inc.	CNNE	US	USD	0.05699%
Cantel Medical Corp	CMD	US	USD	0.04804%
Capitol Federal Financial Inc	CFFN	US	USD	0.03009%
Capri Holdings Ltd	CPRI	US	USD	0.13585%
Capricor Therapeutics Inc	CAPR	US	USD	0.00187%
Capstead Mortgage Corp	CMO	US	USD	0.00978%
Cara Therapeutics Inc	CARA	US	USD	0.01343%
Cardiovascular Systems Inc	CSII	US	USD	0.02713%
Cardlytics, Inc	CDLX	US	USD	0.06781%
Cardtronics plc	CATM	US	USD	0.02337%
CareDx Inc.	CDNA	US	USD	0.05626%

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CareTrust REIT Inc	CTRE	US	USD	0.03726%
CarGurus Inc.	CARG	US	USD	0.03798%
Carlisle Cos	CSL	US	USD	0.13894%
Carlyle Group Inc.	CG	US	USD	0.07043%
CarParts.com, Inc	PRTS	US	USD	0.00972%
Carpenter Technology Corp	CRS	US	USD	0.03584%
Carriage Services Inc A	CSV	US	USD	0.00984%
Carrols Restaurant Group Inc.	TAST	US	USD	0.00392%
Cars.com Inc	CARS	US	USD	0.01569%
Carters Inc	CRI	US	USD	0.06401%
Casa Systems, Inc.	CASA	US	USD	0.00460%
Casella Waste Systems A	CWST	US	USD	0.04978%
Casey's General Stores Inc	CASY	US	USD	0.12239%
Casper Sleep Inc.	CSPR	US	USD	0.00324%
Cass Information Systems Inc	CASS	US	USD	0.00938%
Castle Biosciences Inc.	CSTL	US	USD	0.01911%
Catalyst Biosciences Inc	CBIO	US	USD	0.00315%
Catalyst Pharmaceuticals Inc	CPRX	US	USD	0.00599%
CatchMark Timber Trust Inc	CTT	US	USD	0.00858%
Cathay General Bancorp	CATY	US	USD	0.05303%
Cato Corp A	CATO	US	USD	0.00441%
Cavco Industries	CVCO	US	USD	0.03179%
cbdMD Inc	YCBD	US	USD	0.00237%
CBIZ Inc	CBZ	US	USD	0.02957%
Cboe Global Markets, Inc	CBOE	US	USD	0.18675%
CDK Global Inc	CDK	US	USD	0.10597%
Cel-Sci Corp	CVM	US	USD	0.01245%
Celldex Therapeutics Inc	CLDX	US	USD	0.01778%
Celsius Holdings, Inc.	CELH	US	USD	0.02691%
Centennial Resource Development, Inc	CDEV	US	USD	0.01514%
Centerpoint Energy Inc	CNP	US	USD	0.19118%
Centerspace	CSR	US	USD	0.01591%
Central Garden & Pet Co	CENT	US	USD	0.00831%
Central Garden & Pet Co A	CENTA	US	USD	0.03012%
Central Pacific Financial Co	CPF	US	USD	0.01184%
Century Aluminum Co	CENX	US	USD	0.01473%
Century Casinos Inc	CNTY	US	USD	0.00376%
Century Communities Inc	CCS	US	USD	0.02909%
Cerecor Inc.	CERC	US	USD	0.00486%
Cerence Inc	CRNC	US	USD	0.06036%
Cerus Corp	CERS	US	USD	0.01774%
Ceva Inc	CEVA	US	USD	0.02043%
CF Industries Holdings	CF	US	USD	0.17293%
CH Robinson Worldwide Inc	CHRW	US	USD	0.21031%
ChampionX Corporation	CHX	US	USD	0.07055%
Change Healthcare Inc.	CHNG	US	USD	0.08700%
ChannelAdvisor Corp	ECOM	US	USD	0.01123%
Chart Industries	GTLS	US	USD	0.09167%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Chase Corp	CCF	US	USD	0.01489%
Chatham Lodging Trust	CLDT	US	USD	0.01104%
Cheesecake Factory Inc	CAKE	US	USD	0.04089%
Chefs' Warehouse Holdings Inc	CHEF	US	USD	0.01762%
Chemed Corp	CHE	US	USD	0.11562%
ChemoCentryx Inc	CCXI	US	USD	0.04719%
Cherry Hill Mortgage Investment Corp	CHMI	US	USD	0.00283%
Chesapeake Utilities Corp	CPK	US	USD	0.03404%
Chewy, Inc.-A	CHWY	US	USD	0.10296%
Chiasma, Inc.	CHMA	US	USD	0.00267%
Chico's Fas Inc	CHS	US	USD	0.00642%
Children's Place, Inc	PLCE	US	USD	0.02022%
Chimera Investment Corporation	CIM	US	USD	0.04746%
Chimerix Inc	CMRX	US	USD	0.01144%
Chinook Therapeutics, Inc.	KDNY	US	USD	0.01051%
Choice Hotels Intl	CHH	US	USD	0.05160%
ChromaDex Corporation	CDXC	US	USD	0.00922%
Churchill Downs Inc	CHDN	US	USD	0.14148%
Chuy's Holdings Inc	CHUY	US	USD	0.01374%
CIENA Corp	CIEN	US	USD	0.13150%
Cimarex Energy Co	XEC	US	USD	0.11033%
Cimpress PLC	CMPR	US	USD	0.03255%
Cincinnati Bell Inc	CBB	US	USD	0.01304%
Cinemark Holdings Inc	CNK	US	USD	0.04329%
Circor Intl Inc	CIR	US	USD	0.01277%
Cirrus Logic Inc	CRUS	US	USD	0.07433%
CIT Group Inc	CIT	US	USD	0.08170%
Citi Trends	CTRN	US	USD	0.01425%
City Hldg Co	CHCO	US	USD	0.02204%
City Office REIT Inc	CIO	US	USD	0.00784%
Clarus Corp.	CLAR	US	USD	0.00726%
Clean Energy Fuels Corporation	CLNE	US	USD	0.02278%
Clean Harbors Inc	CLH	US	USD	0.07682%
Clear Channel Outdoor Holdings	CCO	US	USD	0.01524%
CLEARFIELD INC	CLFD	US	USD	0.00587%
Clearwater Paper Corp	CLW	US	USD	0.01099%
Clearway Energy Inc Cl C	CWEN	US	USD	0.03684%
Clearway Energy, Inc Cl A	CWEN.A	US	USD	0.01435%
Cleveland-Cliffs Inc	CLF	US	USD	0.12029%
Cloudera, Inc.	CLDR	US	USD	0.05250%
Clovis Oncology Inc.	CLVS	US	USD	0.01051%
CMC Materials, Inc	CCMP	US	USD	0.07961%
CNO Financial Group Inc	CNO	US	USD	0.05706%
CNX Resources Corp.	CNX	US	USD	0.05009%
Co-Diagnostics, Inc.	CODX	US	USD	0.00589%
Coca-Cola Consolidated, Inc	COKE	US	USD	0.02202%
Codexis Inc	CDXS	US	USD	0.01884%
Coeur Mining, Inc.	CDE	US	USD	0.03640%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Cogent Communications Holdings Inc	CCOI	US	USD	0.04282%
Cohen & Steers Inc	CNS	US	USD	0.02646%
Coherent Inc	COHR	US	USD	0.10041%
Coherus Biosciences Inc	CHRS	US	USD	0.01714%
Cohu Inc	COHU	US	USD	0.03191%
Colfax Corp	CFX	US	USD	0.07970%
Collegium Pharmaceutical Inc.	COLL	US	USD	0.01384%
Colony Capital, Inc	CLNY	US	USD	0.05422%
Colony Credit Real Estate, Inc	CLNC	US	USD	0.01222%
Columbia Banking System Inc	COLB	US	USD	0.05664%
Columbia Financial, Inc.	CLBK	US	USD	0.01367%
Columbia Property Trust Inc	CXP	US	USD	0.02843%
Columbia Sportswear Co	COLM	US	USD	0.05270%
Columbus McKinnon Corp	CMCO	US	USD	0.02132%
Comerica Inc (MI)	CMA	US	USD	0.16246%
Comfort Systems USA Inc	FIX	US	USD	0.04541%
Commerce Bancshares Inc (MO)	CBSH	US	USD	0.13804%
Commercial Metals Co	CMC	US	USD	0.05905%
Commscope Holding Co Inc	COMM	US	USD	0.05186%
Community Bank System	CBU	US	USD	0.07023%
Community Health Systems	CYH	US	USD	0.01952%
Community Healthcare Trust Inc	CHCT	US	USD	0.01744%
Community Trust Bancorp Inc	CTBI	US	USD	0.01159%
Commvault Systems	CVLT	US	USD	0.05254%
Compass Minerals Intl	CMP	US	USD	0.03712%
Computer Programs & Systems Inc	CPSI	US	USD	0.00669%
Comstock Res Inc	CRK	US	USD	0.00535%
Comtech Telecommunications	CMTL	US	USD	0.01217%
Concentrix Corp	CNXC	US	USD	0.09361%
Concert Pharmaceuticals Inc.	CNCE	US	USD	0.00297%
Conduent Inc	CNDT	US	USD	0.01976%
Conmed Corp	CNMD	US	USD	0.05925%
ConnectOne Bancorp Inc	CNOB	US	USD	0.01556%
Conns Inc	CONN	US	USD	0.00508%
CONSOL Energy Inc.	CEIX	US	USD	0.00531%
Consolidated Communications Hldgs	CNSL	US	USD	0.00846%
Constellation Pharmaceuticals, Inc.	CNST	US	USD	0.01424%
Construction Partners Inc	ROAD	US	USD	0.01669%
Contango Oil & Gas Co	MCF	US	USD	0.01106%
Continental Resources Inc/OK	CLR	US	USD	0.03097%
Cooper Tire & Rubber	CTB	US	USD	0.04844%
Cooper-Standard Holdings Inc.	CPS	US	USD	0.01043%
Corbus Pharmaceuticals Holdings, Inc.	CRBP	US	USD	0.00258%
Corcept Therapeutics	CORT	US	USD	0.04329%
Core Laboratories N.V.	CLB	US	USD	0.02868%
Core-Mark Holding Co Inc	CORE	US	USD	0.02956%
CoreCivic, Inc	CXW	US	USD	0.01669%
CoreLogic Inc.	CLGX	US	USD	0.09722%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
CorEnergy Infrastructure Trust, Inc	CORR	US	USD	0.00183%
Coresite Realty Corp	COR	US	USD	0.08093%
CorMedix Inc	CRMD	US	USD	0.00415%
Cornerstone Building Brands Inc	CNR	US	USD	0.00941%
Cornerstone OnDemand Inc	CSOD	US	USD	0.04978%
Coronado Global Resources Inc (CDI)	CRN	AU	AUD	0.00834%
Corporate Office Properties Trust	OFC	US	USD	0.05095%
Cortexyme, Inc.	CRTX	US	USD	0.00893%
Corvel Corp	CRVL	US	USD	0.01586%
Coty Inc.	COTY	US	USD	0.04063%
Cousins Properties	CUZ	US	USD	0.08740%
Covanta Holding Corp	CVA	US	USD	0.02828%
Covenant Logistics Group A	CVLG	US	USD	0.00374%
Covetrus, Inc.	CVET	US	USD	0.05211%
Cowen Inc	COWN	US	USD	0.01774%
CRA International Inc	CRAI	US	USD	0.00899%
Cracker Barrel Old Country Store Inc	CBRL	US	USD	0.06580%
Crane Co	CR	US	USD	0.07414%
Credit Acceptance Corp	CACC	US	USD	0.07959%
Crinetics Pharmaceuticals Inc	CRNX	US	USD	0.00529%
CROCS	CROX	US	USD	0.08706%
Cross Country Healthcare Inc	CCRN	US	USD	0.00744%
Crossfirst Bankshares	CFB	US	USD	0.01197%
Crown Holdings Inc	CCK	US	USD	0.22132%
Cryolife Inc	CRY	US	USD	0.01615%
Cryoport, Inc.	CYRX	US	USD	0.04101%
CSG Systems Intl Inc	CSGS	US	USD	0.02595%
CSW Industrials Inc	CSWI	US	USD	0.03080%
CTO Realty Growth	CTO	US	USD	0.00524%
CTS Corp	CTS	US	USD	0.01769%
CubeSmart	CUBE	US	USD	0.12419%
Cubic Corp	CUB	US	USD	0.03719%
Cue Biopharma, Inc	CUE	US	USD	0.00657%
Cullen Frost Bankers (TX)	CFR	US	USD	0.10629%
CURO Group Holdings Corp.	CURO	US	USD	0.00439%
Curtiss-Wright Corp	CW	US	USD	0.08142%
Cushman & Wakefield Plc	CWK	US	USD	0.03001%
Customers Bancorp	CUBI	US	USD	0.01486%
Cutera Inc	CUTR	US	USD	0.00846%
CVB Financial Corp	CVBF	US	USD	0.05111%
CVR Energy Inc	CVI	US	USD	0.01136%
Cyberoptics Corp	CYBE	US	USD	0.00322%
Cyclerion Therapeutics Inc.	CYCN	US	USD	0.00208%
CymaBay Therapeutics Inc.	CBAY	US	USD	0.00515%
CyrusOne Inc	CONE	US	USD	0.13415%
Cytokinetics Inc	CYTK	US	USD	0.02340%
CytomX Therapeutics, Inc.	CTMX	US	USD	0.00893%
CytoSorbents Corp.	CTSO	US	USD	0.00584%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Dana Incorporated	DAN	US	USD	0.06136%
Darling Ingredients Inc	DAR	US	USD	0.21366%
Daseke, Inc	DSKE	US	USD	0.00650%
Dave & Buster's Entertainment Inc	PLAY	US	USD	0.03522%
DaVita Inc	DVA	US	USD	0.13048%
Deciphera Pharmaceuticals Inc	DCPH	US	USD	0.02829%
Deckers Outdoor	DECK	US	USD	0.15259%
Del Taco Restaurants Inc	TACO	US	USD	0.00599%
Delek US Holdings	DK	US	USD	0.02450%
Deluxe Corp	DLX	US	USD	0.02795%
Denali Therapeutics Inc.	DNLI	US	USD	0.07925%
Denny's Corp	DENN	US	USD	0.01937%
Dentsply Sirona Inc.	XRAY	US	USD	0.21965%
DermTech, Inc.	DMTK	US	USD	0.02065%
Designer Brands Inc. A	DBI	US	USD	0.01507%
Devon Energy Corp	DVN	US	USD	0.23698%
Diamond Hill Investment Group	DHIL	US	USD	0.00805%
Diamond S Shipping Inc.	DSSI	US	USD	0.00367%
Diamondback Energy Inc	FANG	US	USD	0.21492%
Diamondrock Hospitality	DRH	US	USD	0.03410%
Dicerna Pharmaceuticals, Inc.	DRNA	US	USD	0.03117%
Dick's Sporting Goods Inc	DKS	US	USD	0.07926%
Diebold Nixdorf Incorporated	DBD	US	USD	0.02023%
Digi Intl Inc	DGII	US	USD	0.00966%
Digimarc Corp	DMRC	US	USD	0.00769%
Digital Turbine, Inc	APPS	US	USD	0.09018%
Dillards Inc A	DDS	US	USD	0.01022%
Dime Community Bancshares Inc	DCOM	US	USD	0.01853%
Dine Brands Global, Inc.	DIN	US	USD	0.02296%
Diodes Inc	DIOD	US	USD	0.04888%
DISH Network Corp A	DISH	US	USD	0.14294%
Diversified Healthcare Trust	DHC	US	USD	0.02092%
DMC Global Inc	BOOM	US	USD	0.01610%
Dolby Laboratories A	DLB	US	USD	0.10893%
Domo, Inc-B	DOMO	US	USD	0.02792%
Domtar Corp	UFS	US	USD	0.03500%
Donaldson Co	DCI	US	USD	0.12520%
Donnelley Financial Solutions	DFIN	US	USD	0.01425%
Dorman Products Inc	DORM	US	USD	0.05292%
Douglas Dynamics Inc	PLOW	US	USD	0.01884%
Douglas Emmett	DEI	US	USD	0.09065%
Dril-Quip Inc	DRQ	US	USD	0.02273%
Drive Shack Inc	DS	US	USD	0.00336%
Dropbox, Inc.	DBX	US	USD	0.12307%
DSP Group	DSPG	US	USD	0.00573%
Duck Creek Technologies, Inc.	DCT	US	USD	0.02490%
Ducommun Inc	DCO	US	USD	0.00999%
Duluth Holdings Inc.	DLTH	US	USD	0.00311%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Dun & Bradstreet Holdings, Inc.	DNB	US	USD	0.05161%
Durect Corp	DRRX	US	USD	0.00790%
DXC Technology Company	DXC	US	USD	0.12076%
DXP Enterprises	DXPE	US	USD	0.00890%
Dycom Industries Inc	DY	US	USD	0.04618%
Dynatrace Inc	DT	US	USD	0.15682%
Dynavax Technologies	DVAX	US	USD	0.01547%
Dynex Capital	DX	US	USD	0.00830%
e.l.f. Beauty, Inc.	ELF	US	USD	0.01699%
Eagle Bancorp Inc	EGBN	US	USD	0.02835%
Eagle Materials Inc	EXP	US	USD	0.08928%
Eagle Pharmaceuticals, Inc.	EGRX	US	USD	0.00866%
East West Bancorp Inc	EWBC	US	USD	0.17771%
Easterly Government Properties Inc	DEA	US	USD	0.02893%
EastGroup Properties	EGP	US	USD	0.09168%
Eastman Kodak Co.	KODK	US	USD	0.00907%
Ebix.Com Inc	EBIX	US	USD	0.01135%
Echo Global Logistics Inc	ECHO	US	USD	0.01396%
EchoStar Holding Corp A	SATS	US	USD	0.02214%
Edgewell Personal Care Co.	EPC	US	USD	0.02944%
Editas Medicine, Inc.	EDIT	US	USD	0.05127%
eGain Corporation	EGAN	US	USD	0.00364%
eHealth Inc	EHTH	US	USD	0.02342%
Eiger BioPharmaceuticals Inc	EIGR	US	USD	0.00531%
El Pollo Loco Holdings Inc.	LOCO	US	USD	0.00617%
Elastic N.V.	ESTC	US	USD	0.12057%
Element Solutions Inc.	ESI	US	USD	0.07389%
Ellington Financial Inc.	EFC	US	USD	0.01193%
Emcor Group Inc	EME	US	USD	0.09899%
Emergent Biosolutions Inc	EBS	US	USD	0.06617%
Empire State Realty Trust Inc A	ESRT	US	USD	0.02748%
Employers Holdings Inc	EIG	US	USD	0.01763%
Enanta Pharmaceuticals	ENTA	US	USD	0.01535%
Encompass Health Corp	EHC	US	USD	0.13557%
Encore Capital Group Inc	ECPG	US	USD	0.02111%
Encore Wire Corp	WIRE	US	USD	0.02338%
Endo International plc	ENDP	US	USD	0.03093%
Energizer Holdings Inc	ENR	US	USD	0.04340%
Energous Corp	WATT	US	USD	0.00279%
Energy Recovery Inc.	ERII	US	USD	0.01186%
Enerpac Tool Group Corp	EPAC	US	USD	0.02541%
Enersys	ENS	US	USD	0.06630%
Ennis Inc	EBF	US	USD	0.00930%
Enova International, Inc.	ENVA	US	USD	0.02220%
EnPro Industries Inc	NPO	US	USD	0.03115%
Enstar Group Ltd	ESGR	US	USD	0.05754%
Entercom Communications Corp A	ETM	US	USD	0.01091%
Enterprise Financial Services	EFSC	US	USD	0.02493%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Investnet Inc	ENV	US	USD	0.06383%
Envista Holdings Corp	NVST	US	USD	0.10576%
Epizyme Inc.	EPZM	US	USD	0.01400%
Eplus Inc	PLUS	US	USD	0.02384%
EPR Properties	EPR	US	USD	0.05998%
EQT Corporation	EQT	US	USD	0.08296%
Equitable Holdings Inc	EQH	US	USD	0.20508%
Equitrans Midstream Corp	ETRN	US	USD	0.05249%
Equity Commonwealth	EQC	US	USD	0.05827%
Equity Lifestyle Properties Inc	ELS	US	USD	0.17301%
Erie Indemnity Co A	ERIE	US	USD	0.09713%
ESCO Technologies Inc	ESE	US	USD	0.04669%
Esperion Therapeutics Inc	ESPR	US	USD	0.01410%
Essent Group Ltd	ESNT	US	USD	0.08026%
Essential Properties Realty Trust Inc	EPRT	US	USD	0.03975%
Essential Utilities Inc	WTRG	US	USD	0.15788%
Ethan Allen Interiors	ETH	US	USD	0.00972%
Euronet Services Inc	EEFT	US	USD	0.13952%
Eventbrite Inc.-A	EB	US	USD	0.02676%
Everbridge, Inc.	EVBG	US	USD	0.08086%
Evercore Inc A	EVR	US	USD	0.09016%
Everest Re Group Ltd	RE	US	USD	0.16592%
Everi Holdings Inc	EVRI	US	USD	0.02093%
EverQuote, Inc.	EVER	US	USD	0.00748%
EVERTEC Inc	EVTC	US	USD	0.03617%
EVO Payments, Inc.-A	EVOP	US	USD	0.02129%
Evoform Biosciences Inc	EVFM	US	USD	0.00317%
Evolent Health Inc A	EVH	US	USD	0.02478%
Evolus, Inc	EOLS	US	USD	0.00495%
Evoqua Water Technologies Corp	AQUA	US	USD	0.05119%
EW Scripps Company A	SSP	US	USD	0.02250%
Exelixis Inc	EXEL	US	USD	0.11629%
ExlService Holdings Inc	EXLS	US	USD	0.04986%
eXp World Holdings, Inc	EXPI	US	USD	0.04317%
Exponent Inc	EXPO	US	USD	0.08348%
Extended Stay America Inc	STAY	US	USD	0.04494%
Extreme Networks Inc	EXTR	US	USD	0.01849%
EZCORP Inc A	EZPW	US	USD	0.00459%
Fabrinet	FN	US	USD	0.05376%
FactSet Research System Inc	FDS	US	USD	0.19926%
Farmland Partners Inc	FPI	US	USD	0.00567%
FARO Technologies Inc	FARO	US	USD	0.02726%
Fastly, Inc.-A	FSLY	US	USD	0.09908%
Fate Therapeutics Inc	FATE	US	USD	0.11847%
FB Financial Corporation	FBK	US	USD	0.02415%
FBL Financial Group Inc A	FFG	US	USD	0.00939%
Federal Agricultural Mortgage Corporation C	AGM	US	USD	0.01268%
Federal Realty Invt Trust	FRT	US	USD	0.12269%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Federal Signal Corp	FSS	US	USD	0.03795%
Federated Hermes Inc B	FHI	US	USD	0.04756%
Ferro Corp	FOE	US	USD	0.02397%
FibroGen Inc	FGEN	US	USD	0.04747%
Fidelity National Financial Inc	FNF	US	USD	0.19408%
Fiesta Restaurant Group, Inc	FRGI	US	USD	0.00504%
FireEye Inc	FEYE	US	USD	0.08084%
First American Financial Corp	FAF	US	USD	0.10171%
First Bancorp (NC)	FBNC	US	USD	0.02174%
First Bancorp (Puerto Rico)	FBP	US	USD	0.04096%
First Bancshares Inc	FBMS	US	USD	0.01276%
First Busey Corp	BUSE	US	USD	0.02101%
First Citizens Bancshares Inc. (NC) A	FCNCA	US	USD	0.09700%
First Commonwealth Finl (PA)	FCF	US	USD	0.02413%
First Financial Bancorp	FFBC	US	USD	0.04027%
First Financial Bankshs (TX)	FFIN	US	USD	0.11481%
First Financial Corp-Indiana	THFF	US	USD	0.00947%
First Foundation Inc.	FFWM	US	USD	0.01615%
First Hawaiian Inc.	FHB	US	USD	0.06389%
First Horizon Corp	FHN	US	USD	0.15546%
First Industrial Realty Trust	FR	US	USD	0.09483%
First Interstate Bancsystem Inc A	FIBK	US	USD	0.02744%
First Merchants Corp (IN)	FRME	US	USD	0.04310%
First Midwest Bancorp (IL)	FMBI	US	USD	0.04235%
First Solar Inc	FSLR	US	USD	0.10914%
First Source Corp (IN)	SRCE	US	USD	0.01425%
FirstCash Inc	FCFS	US	USD	0.04618%
Five Below Inc.	FIVE	US	USD	0.17140%
Five9, Inc.	FIVN	US	USD	0.17961%
FivePrime Therapeutics Inc	FPRX	US	USD	0.02947%
Flagstar Bancorp Inc	FBC	US	USD	0.03681%
Flexion Therapeutics, Inc.	FLXN	US	USD	0.00875%
Flexsteel Industries Inc	FLXS	US	USD	0.00392%
FLIR Systems Inc	FLIR	US	USD	0.11942%
Floor & Decor Holdings, Inc.-A	FND	US	USD	0.15754%
Flowers Foods Inc	FLO	US	USD	0.07626%
Flowserve Corp	FLS	US	USD	0.08678%
Fluent, Inc	FLNT	US	USD	0.00457%
Fluidigm Corporation	FLDM	US	USD	0.00526%
Fluor Corp	FLR	US	USD	0.03943%
Flushing Fininancial Corp	FFIC	US	USD	0.01215%
FNB Corp	FNB	US	USD	0.06734%
Focus Financial Partners Inc Cl A	FOCS	US	USD	0.03218%
Foot Locker Inc	FL	US	USD	0.09761%
Forestar Group Inc	FOR	US	USD	0.00629%
Forma Therapeutics Holdings, Inc.	FMTX	US	USD	0.01073%
Formfactor Inc	FORM	US	USD	0.05685%
Forrester Research Inc	FORR	US	USD	0.00828%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Forterra Inc.	FRTA	US	USD	0.00754%
Fortress Biotech, Inc	FBIO	US	USD	0.00480%
Forward Air Corp	FWRD	US	USD	0.04154%
Fossil Group Inc	FOSL	US	USD	0.01442%
Four Corners Property Trust	FCPT	US	USD	0.03449%
Fox Factory Holding Corp	FOXF	US	USD	0.09277%
Franchise Group, Inc.	FRG	US	USD	0.01767%
Frank's International NV	FI	US	USD	0.00965%
Franklin Covey Co	FC	US	USD	0.00448%
Franklin Electric Co	FELE	US	USD	0.04985%
Franklin Resources Inc	BEN	US	USD	0.11941%
Franklin Street Properties Corp	FSP	US	USD	0.01043%
Frequency Therapeutics, Inc.	FREQ	US	USD	0.01951%
Fresh Del Monte Produce	FDP	US	USD	0.01493%
Freshpet Inc.	FRPT	US	USD	0.10612%
Frontage Holdings Corp	01521	HK	HKD	0.00625%
frontdoor, inc.	FTDR	US	USD	0.07864%
FTI Consulting	FCN	US	USD	0.07425%
Fuelcell Energy Inc	FCEL	US	USD	0.08244%
Fulcrum Therapeutics, Inc.	FULC	US	USD	0.00396%
Fulgent Genetics, Inc.	FLGT	US	USD	0.02411%
Fuller H.B. Co	FUL	US	USD	0.05172%
Fulton Financial Corp (PA)	FULT	US	USD	0.04609%
Funko, Inc.	FNKO	US	USD	0.00505%
FutureFuel Corp	FF	US	USD	0.00677%
G-III Apparel Group Ltd	GIII	US	USD	0.02327%
G1 Therapeutics Inc	GTHX	US	USD	0.01210%
GameStop Corp A	GME	US	USD	0.22685%
Gaming & Leisure Properties Inc.	GLPI	US	USD	0.15316%
Gannett Co Inc.	GCI	US	USD	0.01253%
Gap Inc	GPS	US	USD	0.10013%
GATX Corp	GATX	US	USD	0.05689%
GCP Applied Technologies Inc.	GCP	US	USD	0.02098%
Genco Shipping & Trading Limited	GNK	US	USD	0.00571%
Generation Bio Co.	GBIO	US	USD	0.01222%
Genesco Inc	GCO	US	USD	0.01209%
GenMark Diagnostics Inc	GNMK	US	USD	0.02322%
Genpact Ltd	G	US	USD	0.12271%
Gentex Corp	GNTX	US	USD	0.14668%
Gentherm Inc	THRM	US	USD	0.04197%
Genworth Financial Inc	GNW	US	USD	0.02804%
Geo Group Inc	GEO	US	USD	0.01621%
German American Bancorp	GABC	US	USD	0.01859%
Geron Corp	GERN	US	USD	0.00970%
Getty Realty Corp	GTY	US	USD	0.01726%
Gibraltar Industries Inc	ROCK	US	USD	0.04843%
Glacier Bancorp Inc	GBCI	US	USD	0.09831%
Gladstone Commercial	GOOD	US	USD	0.01175%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Gladstone Land Corporation	LAND	US	USD	0.00740%
Glatfelter Corporation	GLT	US	USD	0.01343%
Glaukos Corp	GKOS	US	USD	0.06432%
Global Blood Therapeutics, Inc.	GBT	US	USD	0.04365%
Global Medical REIT, Inc.	GMRE	US	USD	0.01052%
Global Net Lease, Inc.	GNL	US	USD	0.02781%
Globalstar Inc	GSAT	US	USD	0.01650%
Globe Life Inc.	GL	US	USD	0.16013%
Globus Medical Inc. A	GMED	US	USD	0.08000%
Glu Mobile Inc	GLUU	US	USD	0.03121%
GlycoMimetics Inc.	GLYC	US	USD	0.00210%
GMS Inc.	GMS	US	USD	0.02913%
Gogo Inc.	GOGO	US	USD	0.01070%
GoHealth, Inc.-A	GOCO	US	USD	0.00753%
Gold Resource Corp	GORO	US	USD	0.00335%
Golden Entertainment Inc	GDEN	US	USD	0.00753%
Goodyear Tire & Rubber Co	GT	US	USD	0.07068%
Goosehead Insurance Inc-A	GSHD	US	USD	0.03527%
GoPro Inc A	GPRO	US	USD	0.01707%
Gorman-Rupp Co The	GRC	US	USD	0.01085%
Gossamer Bio Inc	GOSS	US	USD	0.00766%
Grace W.R. & Co	GRA	US	USD	0.06255%
Graco Inc	GGG	US	USD	0.18769%
GrafTech International Ltd.	EAF	US	USD	0.02849%
Graham Holdings Co B	GHC	US	USD	0.03976%
Grand Canyon Education	LOPE	US	USD	0.07987%
Granite Construction Inc	GVA	US	USD	0.02932%
Granite Point Mortgage Trust Inc.	GPMT	US	USD	0.01094%
Graphic Packaging Holding Co	GPK	US	USD	0.07791%
Gray Television Inc	GTN	US	USD	0.02962%
Great Lakes Dredge & Dock Corp	GLDD	US	USD	0.01641%
Great Southern Bancorp	GSBC	US	USD	0.01049%
Great Western Bancorp Inc	GWB	US	USD	0.02943%
Green Brick Partners, Inc	GRBK	US	USD	0.01631%
Green Dot Corp	GDOT	US	USD	0.04471%
Green Plains Inc.	GPRE	US	USD	0.01741%
Greenbrier Cos Inc	GBX	US	USD	0.02541%
Greenhill & Co Inc	GHL	US	USD	0.00420%
Greenlight Capital Re Ltd A	GLRE	US	USD	0.00379%
GreenSky Inc	GSKY	US	USD	0.00536%
Greif Bros Corp A	GEF	US	USD	0.02481%
Grid Dynamics Holdings, Inc.	GDYN	US	USD	0.00596%
Griffon Corp	GFF	US	USD	0.01982%
Grocery Outlet Holding Corp.	GO	US	USD	0.05154%
Group 1 Automotive Inc	GPI	US	USD	0.04649%
Groupon Inc	GRPN	US	USD	0.02236%
GrowGeneration Corp.	GRWG	US	USD	0.03567%
GrubHub Inc	GRUB	US	USD	0.09898%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
GTT Communications Inc	GTT	US	USD	0.00102%
Guess? Inc	GES	US	USD	0.01724%
Guidewire Software	GWRE	US	USD	0.14183%
H&E Equipment Services	HEES	US	USD	0.01823%
H&R Block Inc	HRB	US	USD	0.06085%
Hackett Group Inc	HCKT	US	USD	0.00768%
Haemonetics Corp	HAE	US	USD	0.10117%
Hain Celestial Group Inc	HAIN	US	USD	0.05974%
Halozyne Therapeutics	HALO	US	USD	0.08931%
Hamilton Lane Inc	HLNE	US	USD	0.04642%
Hancock Whitney Corp	HWC	US	USD	0.06028%
Hanesbrands Inc	HBI	US	USD	0.11590%
Hanger Inc	HNGR	US	USD	0.01501%
Hanmi Financial Corp	HAFC	US	USD	0.01021%
Hannon Armstrong Sustainable Infrastructure Capital Inc	HASI	US	USD	0.07325%
Hanover Insurance Group Inc	THG	US	USD	0.07641%
HarborOne Bancorp, Inc.	HONE	US	USD	0.01321%
Harley-Davidson Inc	HOG	US	USD	0.09301%
Harmonic Inc	HLIT	US	USD	0.01308%
Harpoon Therapeutics Inc	HARP	US	USD	0.00713%
Harsco Corp	HSC	US	USD	0.02286%
Haverty Furniture	HVT	US	USD	0.00988%
Hawaiian Electric Industries	HE	US	USD	0.07103%
Hawaiian Holdings Inc	HA	US	USD	0.02221%
Hawkins Inc	HWKN	US	USD	0.01097%
Haynes International Inc	HAYN	US	USD	0.00682%
HC2 Holdings Inc	HCHC	US	USD	0.00352%
HCI Group Inc	HCI	US	USD	0.00720%
Health Catalyst, Inc.	HCAT	US	USD	0.02677%
Healthcare Realty Trust	HR	US	USD	0.06917%
Healthcare Services Group Inc	HCSG	US	USD	0.03652%
Healthcare Trust of America Inc.	HTA	US	USD	0.09946%
HealthEquity Inc	HQY	US	USD	0.10428%
HealthStream Inc	HSTM	US	USD	0.01013%
Heartland Express Inc	HTLD	US	USD	0.01596%
Heartland Financial USA Inc	HTLF	US	USD	0.03340%
Heat Biologics Inc	HTBX	US	USD	0.00324%
Hecla Mining Co	HL	US	USD	0.05391%
Heidrick & Struggles Intl Inc	HSII	US	USD	0.01201%
Helen of Troy Ltd	HELE	US	USD	0.09355%
Helios Technologies, Inc	HLIO	US	USD	0.03775%
Helix Energy Solutions Group Inc	HLX	US	USD	0.01472%
Helmerich & Payne Inc	HP	US	USD	0.05858%
Henry Schein Inc	HSIC	US	USD	0.15591%
Herbalife Nutrition Ltd.	HLF	US	USD	0.06815%
Herc Holdings Inc.	HRI	US	USD	0.03649%
Heritage Commerce Corp	HTBK	US	USD	0.01026%
Heritage Financial Corp	HFWA	US	USD	0.01771%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Heritage Insurance Holdings Inc	HRTG	US	USD	0.00468%
Heron Therapeutics Inc.	HRTX	US	USD	0.02403%
Hersha Hospitality Trust	HT	US	USD	0.00674%
Heska Corp	HSKA	US	USD	0.02970%
Hexcel Corp	HXL	US	USD	0.07950%
Hibbett Sports Inc	HIBB	US	USD	0.01780%
Highwoods Properties	HIW	US	USD	0.07414%
Hill-Rom Holdings Inc	HRC	US	USD	0.11690%
Hillenbrand Inc	HI	US	USD	0.06262%
Hilltop Holdings Inc	HTH	US	USD	0.03996%
Hilton Grand Vacations Inc.	HGV	US	USD	0.05806%
HMS Holdings Corp	HMSY	US	USD	0.05469%
HNI Corp	HNI	US	USD	0.02896%
HollyFrontier Corporation	HFC	US	USD	0.09713%
Home Bancshares	HOMB	US	USD	0.06921%
HomeStreet Inc.	HMST	US	USD	0.01688%
Homology Medicines, Inc.	FIXX	US	USD	0.00566%
Hooker Furniture Corp	HOFT	US	USD	0.00740%
Hope Bancorp, Inc	HOPE	US	USD	0.03089%
Horace Mann Educators	HMN	US	USD	0.02956%
Horizon Bancorp, Inc	HBNC	US	USD	0.01243%
Host Hotels & Resorts Inc	HST	US	USD	0.19482%
Hostess Brands, Inc.	TWNK	US	USD	0.03239%
Houghton Mifflin Harcourt Co	HMHC	US	USD	0.01367%
Houlihan Lokey Inc A	HLI	US	USD	0.05851%
Hovnanian Enterprises Inc A	HOV	US	USD	0.00682%
Howard Hughes Corp	HHC	US	USD	0.07219%
Howmet Aerospace Inc.	HWM	US	USD	0.19499%
Hub Group Inc A	HUBG	US	USD	0.03616%
Hubbell Inc	HUBB	US	USD	0.16751%
Hudson Pacific Properties Inc	HPP	US	USD	0.06945%
Huntington Ingalls Industries Inc.	HII	US	USD	0.12529%
Huntsman Corp	HUN	US	USD	0.09220%
Huron Consulting Group	HURN	US	USD	0.02069%
Hyatt Hotels Corp A	H	US	USD	0.05205%
Hyster-Yale Materials Handling Inc. A	HY	US	USD	0.01491%
i3 Verticals, Inc-A	IIIV	US	USD	0.01158%
IAA, Inc	IAA	US	USD	0.12794%
iBio Inc	IBIO	US	USD	0.00588%
Icad Inc	ICAD	US	USD	0.00668%
ICF International	ICFI	US	USD	0.02495%
Ichor Holdings, Ltd.	ICHR	US	USD	0.02008%
ICU Medical Inc	ICUI	US	USD	0.06473%
IDACORP Inc	IDA	US	USD	0.07864%
IDEAYA Biosciences, Inc.	IDYA	US	USD	0.00562%
IDT Corp B	IDT	US	USD	0.00606%
IES Holdings, Inc	IESC	US	USD	0.01822%
IGM Biosciences, Inc.	IGMS	US	USD	0.00968%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
iHeartMedia Inc Class A	IHRT	US	USD	0.02946%
II-VI Inc	IIVI	US	USD	0.12977%
Immatics N.V.	IMTX	US	USD	0.00530%
Immersion Corporation	IMMR	US	USD	0.00290%
ImmunityBio, Inc	IBRX	US	USD	0.02200%
ImmunoGen Inc	IMGN	US	USD	0.02981%
Immunovant, Inc	IMVT	US	USD	0.01367%
Impinj, Inc.	PI	US	USD	0.02032%
Inari Medical, Inc.	NARI	US	USD	0.01381%
Independence Realty Trust Inc	IRT	US	USD	0.02427%
Independent Bank Corp (MI)	IBCP	US	USD	0.00842%
Independent Bank Cp (MA)	INDB	US	USD	0.05217%
Independent Bank Group Inc	IBTX	US	USD	0.04636%
Industrial Logistics Properties Trust	ILPT	US	USD	0.02483%
Infinera Corp	INFN	US	USD	0.02935%
InfuSystems Holdings Inc	INFU	US	USD	0.00520%
Ingevity Corp	NGVT	US	USD	0.05016%
Ingles Markets Inc A	IMKTA	US	USD	0.01432%
Ingredion Inc	INGR	US	USD	0.10196%
Innospec Inc	IOSP	US	USD	0.04209%
Innovative Industrial Properties	IIPR	US	USD	0.06938%
Innoviva, Inc	INVA	US	USD	0.01227%
Inogen Inc.	INGN	US	USD	0.01510%
Inovalon Holdings Inc A	INOV	US	USD	0.03406%
Inovio Pharmaceuticals Inc	INO	US	USD	0.03399%
Inozyme Pharma, Inc.	INZY	US	USD	0.00245%
Inphi Corp	IPHI	US	USD	0.13914%
Inseego Corp	INSG	US	USD	0.01141%
Insight Enterprises Inc	NSIT	US	USD	0.05382%
Insmid Inc	INSM	US	USD	0.06901%
Insperty Inc.	NSP	US	USD	0.05532%
Inspire Medical Systems, Inc	INSP	US	USD	0.09383%
Installed Building Products Inc	IBP	US	USD	0.04167%
Insteel Industries Inc	IIIN	US	USD	0.01168%
Integer Holdings Corporation	ITGR	US	USD	0.05092%
Integra Lifesciences Hldg	IART	US	USD	0.07975%
Intellia Therapeutics, Inc.	NTLA	US	USD	0.05978%
Intellicheck Inc	IDN	US	USD	0.00313%
Intelligent Sys Corp New Com	INS	US	USD	0.00421%
Inter Parfums Inc	IPAR	US	USD	0.02139%
Interactive Brokers Group A	IBKR	US	USD	0.10700%
Intercept Pharmaceuticals Inc	ICPT	US	USD	0.00986%
InterDigital Inc	IDCC	US	USD	0.03344%
Interface Inc	TILE	US	USD	0.01294%
International Money Express Inc	IMXI	US	USD	0.00665%
International Seaways Inc	INSW	US	USD	0.00866%
Interpublic Group Cos	IPG	US	USD	0.18663%
Intersect ENT Inc	XENT	US	USD	0.01217%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Intl Bancshares Corp	IBOC	US	USD	0.04613%
Intra-Cellular Therapies Inc.	ITCI	US	USD	0.04195%
Intrepid Potash Inc	IPI	US	USD	0.00537%
Invacare Corp	IVC	US	USD	0.00550%
Invesco Ltd	IVZ	US	USD	0.15472%
Invesco Mortgage Capital Inc.	IVR	US	USD	0.01457%
Investors Bancorp	ISBC	US	USD	0.05349%
Invitae Corp	NVTA	US	USD	0.11312%
Ionis Pharmaceuticals Inc	IONS	US	USD	0.12350%
Iovance Biotherapeutics, Inc	IOVA	US	USD	0.07996%
IPG Photonics Corp	IPGP	US	USD	0.12593%
iRhythm Technologies, Inc.	IRTC	US	USD	0.06475%
IRIDIUM COMMUNICATIONS INC.	IRDM	US	USD	0.07944%
iRobot Corp	IRBT	US	USD	0.05403%
Iron Mountain Inc	IRM	US	USD	0.17747%
Ironwood Pharmaceuticals Inc A	IRWD	US	USD	0.02965%
iStar Inc	STAR	US	USD	0.02184%
iTeos Therapeutics, Inc.	ITOS	US	USD	0.00717%
Itron Inc	ITRI	US	USD	0.06350%
ITT Inc	ITT	US	USD	0.12356%
IVERIC bio, Inc	ISEE	US	USD	0.00917%
J&J Snack Foods	JJSF	US	USD	0.04158%
J.B. Hunt Transport Services	JBHT	US	USD	0.22519%
J2 Global Inc	JCOM	US	USD	0.08359%
Jabil Inc	JBL	US	USD	0.10132%
Jack Henry & Associates Inc.	JKHY	US	USD	0.19018%
Jack in the Box Inc	JACK	US	USD	0.03784%
James River Group Holdings Ltd.	JRVR	US	USD	0.02369%
Jamf Holding Corp.	JAMF	US	USD	0.01669%
Janus Henderson Group plc	JHG	US	USD	0.08749%
Jazz Pharmaceuticals plc	JAZZ	US	USD	0.15199%
JBG Smith Properties	JBGS	US	USD	0.06072%
Jefferies Financial Group Inc.	JEF	US	USD	0.10770%
JELD-WEN Holding, Inc.	JELD	US	USD	0.03504%
JetBlue Airways Corp	JBLU	US	USD	0.10691%
John Bean Technologies Corp	JBT	US	USD	0.07508%
John Wiley & Sons Inc. A	JW.A	US	USD	0.04033%
Johnson Outdoors Inc A	JOUT	US	USD	0.01663%
Jones Lang Lasalle Inc	JLL	US	USD	0.15065%
Jounce Therapeutics Inc.	JNCE	US	USD	0.00451%
Juniper Networks Inc	JNPR	US	USD	0.13301%
Kadant Inc	KAI	US	USD	0.03397%
Kadmon Holdings, Inc.	KDMN	US	USD	0.01307%
Kaiser Aluminum	KALU	US	USD	0.03157%
Kala Pharmaceuticals, Inc.	KALA	US	USD	0.00465%
KalVista Pharmaceuticals, Inc	KALV	US	USD	0.00924%
Kaman Corp A	KAMN	US	USD	0.02478%
KAR Auction Services Inc	KAR	US	USD	0.03282%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Karuna Therapeutics, Inc.	KRTX	US	USD	0.03743%
Karyopharm Therapeutics Inc	KPTI	US	USD	0.01252%
KB Home	KBH	US	USD	0.06424%
KBR Inc	KBR	US	USD	0.07679%
Kearny Financial Corp	KRNY	US	USD	0.01626%
Kelly Services A	KELYA	US	USD	0.01204%
Kemper Corporation	KMPR	US	USD	0.08278%
Kennametal Inc	KMT	US	USD	0.05496%
Kennedy-Wilson Holdings Inc	KW	US	USD	0.04097%
Keros Therapeutics	KROS	US	USD	0.00651%
Kforce Inc	KFRC	US	USD	0.01746%
Kilroy Realty Corp	KRC	US	USD	0.12081%
Kimball Electronics Inc.	KE	US	USD	0.01065%
Kimball Intl Inc B	KBAL	US	USD	0.00858%
Kimco Realty Corp	KIM	US	USD	0.13892%
Kindred Biosciences	KIN	US	USD	0.00292%
Kiniksa Pharmaceuticals Ltd	KNSA	US	USD	0.00945%
Kinsale Capital Group, Inc.	KNSL	US	USD	0.06060%
Kirby Corp	KEX	US	USD	0.06598%
Kite Realty Group Trust	KRG	US	USD	0.02943%
KKR Real Estate Finance Trust Inc	KREF	US	USD	0.00858%
Knight-Swift Transportation Holdings Inc.	KNX	US	USD	0.09449%
Knoll Inc	KNL	US	USD	0.01360%
Knowles Corporation	KN	US	USD	0.03205%
Kodiak Sciences, Inc.	KOD	US	USD	0.06781%
Kohl's Corp	KSS	US	USD	0.15244%
Kontoor Brands Inc.	KTB	US	USD	0.03840%
Kopin Corp	KOPN	US	USD	0.01005%
Koppers Holdings	KOP	US	USD	0.01231%
Korn Ferry	KFY	US	USD	0.05659%
Kosmos Energy Ltd	KOS	US	USD	0.02082%
Kraton Corporation	KRA	US	USD	0.02093%
Kratos Defense & Security Solutions Inc	KTOS	US	USD	0.05128%
Kronos Worldwide	KRO	US	USD	0.00553%
Krystal Biotech, Inc.	KRYA	US	USD	0.02201%
Kulicke & Soffa Industries	KLIC	US	USD	0.04686%
Kura Oncology, Inc.	KURA	US	USD	0.03524%
L Brands Inc	LB	US	USD	0.21380%
La-Z Boy Inc	LZB	US	USD	0.03335%
Ladder Capital Corp A	LADR	US	USD	0.02464%
Lakeland Bancorp Inc	LBAI	US	USD	0.01488%
Lakeland Financial Corp	LKFN	US	USD	0.03166%
Lakeland Industries Inc	LAKE	US	USD	0.00404%
Lamar Advertising Co A	LAMR	US	USD	0.13865%
Lamb Weston Holdings Inc	LW	US	USD	0.20051%
Lancaster Colony Corp	LANC	US	USD	0.05929%
Landec Corp	LNDC	US	USD	0.00514%
Lands' End Inc	LE	US	USD	0.00870%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Landstar System Inc	LSTR	US	USD	0.10455%
Lannett Co Inc	LCI	US	USD	0.00374%
Lantheus Holdings, Inc.	LNTH	US	USD	0.02174%
Laredo Petroleum Inc	LPI	US	USD	0.00524%
Lattice Semiconductor Co	LSCC	US	USD	0.09914%
Laureate Education, Inc A	LAUR	US	USD	0.02229%
Lazard Ltd	LAZ	US	USD	0.07810%
LCI Industries	LCII	US	USD	0.05782%
Leaf Group Ltd	LEAF	US	USD	0.00259%
Lear Corp	LEA	US	USD	0.16437%
Leggett & Platt	LEG	US	USD	0.10604%
LeMaitre Vascular Inc	LMAT	US	USD	0.01369%
Lemonade, Inc.	LMND	US	USD	0.02735%
LendingClub Corp	LC	US	USD	0.01535%
LendingTree, Inc	TREE	US	USD	0.04298%
Lennox International Inc	LII	US	USD	0.16732%
Levi Strauss & Co.-A	LEVI	US	USD	0.03219%
Lexington Realty Trust	LXP	US	USD	0.05145%
LGI Homes Inc	LGIH	US	USD	0.04969%
LHC Group	LHCG	US	USD	0.09601%
Liberty Global plc A	LBTYA	US	USD	0.05828%
Liberty Global plc C	LBTYK	US	USD	0.14587%
Liberty Latin America Cl A	LILA	US	USD	0.01115%
Liberty Latin America Cl C	LILAK	US	USD	0.03469%
Liberty Oilfield Services Inc. A	LBRT	US	USD	0.01833%
Liberty TripAdvisor Holdings Inc A	LTRPA	US	USD	0.00729%
Life Storage, Inc	LSI	US	USD	0.10668%
Ligand Pharmaceutical Inc	LGND	US	USD	0.04112%
Limelight Networks. Inc	LLNW	US	USD	0.00677%
Lincoln Electric Hldgs	LECO	US	USD	0.11965%
Lincoln National Corp	LNC	US	USD	0.18217%
Lindblad Expeditions Holdings Inc	LIND	US	USD	0.01005%
Lindsay Corporation	LNN	US	USD	0.02991%
Lineage Cell Therapeutics Inc	LCTX	US	USD	0.00569%
Lions Gate Entertainment (US)-A	LGFA	US	USD	0.01685%
Lions Gate Entertainment (US)-B	LGFB	US	USD	0.02926%
Liquidia Corporation	LQDA	US	USD	0.00132%
Liquidity Services	LQDT	US	USD	0.00810%
Lithia Motors Inc A	LAD	US	USD	0.16641%
Littelfuse Inc	LFUS	US	USD	0.10884%
LivaNova PLC	LIVN	US	USD	0.06327%
Live Nation Entertainment Inc.	LYV	US	USD	0.20949%
Live Oak Bancshares Inc.	LOB	US	USD	0.02885%
Livent Corporation	LTHM	US	USD	0.04171%
LivePerson Inc	LPSN	US	USD	0.05880%
LiveRamp Holdings, Inc	RAMP	US	USD	0.05783%
LiveXLive Media, Inc.	LIVX	US	USD	0.00359%
LKQ Corp	LKQ	US	USD	0.20054%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Loews Corp	L	US	USD	0.18739%
Loop Industries Inc	LOOP	US	USD	0.00325%
Loral Space & Communications	LORL	US	USD	0.00975%
Louisiana Pacific Corp	LPX	US	USD	0.08930%
LPL Investment Holdings	LPLA	US	USD	0.18381%
LTC Properties	LTC	US	USD	0.02832%
Lumber Liquidators Holdings Inc	LL	US	USD	0.01169%
Lumen Technologies, Inc.	LUMN	US	USD	0.22961%
Lumentum Holdings Inc	LITE	US	USD	0.10891%
Luminex Corp	LMNX	US	USD	0.02299%
Luna Innovations	LUNA	US	USD	0.00549%
Lydall Inc	LDL	US	USD	0.01114%
M/I Schottenstein Homes	MHO	US	USD	0.02656%
Macerich Co	MAC	US	USD	0.02550%
Mack-Cali Realty Corp	CLI	US	USD	0.02277%
MACOM Technology Solutions Holdings, Inc	MTSI	US	USD	0.04796%
Macquarie Infrastructure Corp	MIC	US	USD	0.03757%
MacroGenics Inc	MGNX	US	USD	0.02550%
Macy's Inc	M	US	USD	0.08919%
Madison Square Garden Entertainment Corp-A	MSGE	US	USD	0.03459%
Madison Square Garden Sports Corp A	MSGS	US	USD	0.05808%
Madrigal Pharmaceuticals, Inc	MDGL	US	USD	0.01903%
Magellan Health Inc	MGLN	US	USD	0.03601%
Magenta Therapeutics, Inc	MGTA	US	USD	0.00573%
Magnite, Inc.	MGNI	US	USD	0.08421%
Magnolia Oil & Gas Corp-A	MGY	US	USD	0.02899%
Malibu Boats Inc A	MBUU	US	USD	0.02947%
Manhattan Associates Inc	MANH	US	USD	0.12687%
Manitowoc Co Inc	MTW	US	USD	0.01039%
MannKind Corp	MNKD	US	USD	0.01577%
ManpowerGroup	MAN	US	USD	0.09125%
Mantech Intl Corp A	MANT	US	USD	0.03676%
Marathon Oil Corp	MRO	US	USD	0.15904%
Marcus & Millichap Inc	MMI	US	USD	0.01349%
Marcus Corp	MCS	US	USD	0.00848%
MarineMax Inc	HZO	US	USD	0.02018%
Marinus Pharmaceuticals Inc	MRNS	US	USD	0.01024%
Marriott Vacations Worldwide Corporation	VAC	US	USD	0.12894%
Marten Transport Ltd	MRTN	US	USD	0.01664%
Masonite International Corp	DOOR	US	USD	0.04654%
Mastec Inc	MTZ	US	USD	0.08646%
MasterCraft Boat Holdings, Inc	MCFT	US	USD	0.00940%
Matador Resources Co	MTDR	US	USD	0.04536%
Materion Corporation	MTRN	US	USD	0.02614%
Matinas BioPharma Holdings Inc.	MTNB	US	USD	0.00337%
Matrix Service Co	MTRX	US	USD	0.00677%
Matson Inc.	MATX	US	USD	0.05382%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Mattel Inc	MAT	US	USD	0.11494%
Matthews Intl Corp A	MATW	US	USD	0.02168%
Maxar Technologies Ltd.	MAXR	US	USD	0.04535%
MAXIMUS Inc	MMS	US	USD	0.08709%
MaxLinear Inc	MXL	US	USD	0.03777%
MBIA Inc	MBI	US	USD	0.00796%
McEwen Mining Inc	MUX	US	USD	0.00525%
McGrath Rentcorp	MGRC	US	USD	0.03148%
MDC Holdings Inc	MDC	US	USD	0.05278%
MDU Resources Group Inc	MDU	US	USD	0.10258%
Medallia, Inc.	MDLA	US	USD	0.04008%
MediciNova, Inc	MNOV	US	USD	0.00404%
Medifast Inc	MED	US	USD	0.04855%
Mednax Inc	MD	US	USD	0.03895%
Medpace Holdings, Inc.	MEDP	US	USD	0.07183%
MEI Pharma, Inc	MEIP	US	USD	0.00579%
Mercer Intl Inc	MERC	US	USD	0.01053%
Merchants Bancorp	MBIN	US	USD	0.01106%
Mercury General Corp	MCY	US	USD	0.02887%
Mercury Systems Inc	MRCY	US	USD	0.05975%
Meredith Corp	MDP	US	USD	0.02393%
Meridian Bancorp, Inc	EBSB	US	USD	0.01626%
Meridian Bioscience Inc	VIVO	US	USD	0.01677%
Merit Medical Systems Inc	MMSI	US	USD	0.04789%
Meritage Corp	MTH	US	USD	0.05520%
Meritor Inc	MTOR	US	USD	0.03727%
Mersana Therapeutics, Inc.	MRSN	US	USD	0.01700%
Mesa Air Group Inc	MESA	US	USD	0.00813%
Mesa Laboratories Inc	MLAB	US	USD	0.02186%
Meta Financial Group, Inc.	CASH	US	USD	0.02506%
Methode Electronics Inc	MEI	US	USD	0.02810%
MFA Financial Inc.	MFA	US	USD	0.03147%
MGE Energy Inc	MGEE	US	USD	0.04164%
MGIC Investment Corp	MTG	US	USD	0.07185%
MicroStrategy Inc A	MSTR	US	USD	0.09164%
Microvision Inc	MVIS	US	USD	0.03461%
Middleby Corp The	MIDD	US	USD	0.15528%
Middlesex Water Co	MSEX	US	USD	0.02196%
Midland States Bancorp Inc.	MSBI	US	USD	0.00982%
Miller Herman Inc	MLHR	US	USD	0.04108%
Miller Industries Inc	MLR	US	USD	0.00857%
MIMECAST LIMITED	MIME	US	USD	0.04261%
Minerals Technologies Inc	MTX	US	USD	0.04385%
Minerva Neurosciences, Inc.	NERV	US	USD	0.00163%
Mirati Therapeutics Inc	MRTX	US	USD	0.14946%
Mirum Pharmaceuticals, Inc.	MIRM	US	USD	0.00439%
Mitek Systems Inc	MITK	US	USD	0.01092%
MKS Instruments Inc	MKSI	US	USD	0.15053%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Model N Inc	MODN	US	USD	0.02000%
Modine Manufacturing Co	MOD	US	USD	0.01271%
ModivCare Inc.	MODV	US	USD	0.02817%
Moelis & Co	MC	US	USD	0.05400%
Mohawk Industries Inc	MHK	US	USD	0.18440%
Molecular Templates, Inc	MTEM	US	USD	0.00752%
Molina Healthcare	MOH	US	USD	0.21238%
Molson Coors Beverage Co B	TAP	US	USD	0.14658%
Monarch Casino & Resort Inc	MCRI	US	USD	0.01358%
MoneyGram Intl Inc	MGI	US	USD	0.00740%
Monmouth REIT A	MNR	US	USD	0.02966%
Monro, Inc	MNRO	US	USD	0.03824%
Montrose Environmental Group, Inc.	MEG	US	USD	0.00962%
Moog Inc A	MOG.A	US	USD	0.04033%
Morningstar	MORN	US	USD	0.08721%
Morphic Holding, Inc.	MORF	US	USD	0.01609%
Mosaic Co	MOS	US	USD	0.17828%
Motorcar Parts of America Inc	MPAA	US	USD	0.00761%
Movado Group Inc	MOV	US	USD	0.00698%
MPG Ingredients Inc	MGPI	US	USD	0.01468%
Mr. Cooper Group Inc.	COOP	US	USD	0.04127%
MRC Global Inc	MRC	US	USD	0.00915%
MSA Safety Inc	MSA	US	USD	0.09913%
MSC Industrial Direct A	MSM	US	USD	0.06732%
MSG Networks Inc A	MSGN	US	USD	0.01405%
MTS Systems Corp	MTSC	US	USD	0.01905%
Mueller Industries	MLI	US	USD	0.04039%
Mueller Water Products	MWA	US	USD	0.03626%
Murphy Oil Corp	MUR	US	USD	0.04424%
Murphy USA Inc	MUSA	US	USD	0.05330%
Mustang Bio Inc	MBIO	US	USD	0.00272%
Myers Industries Inc	MYE	US	USD	0.01407%
MYR GROUP	MYRG	US	USD	0.01851%
Myriad Genetics Inc	MYGN	US	USD	0.03750%
Nabors Industries Ltd	NBR	US	USD	0.01315%
NanoString Technologies Inc	NSTG	US	USD	0.04463%
NantHealth, Inc.	NH	US	USD	0.00262%
Napco Security Systems Inc	NSSC	US	USD	0.00671%
Natera, Inc.	NTRA	US	USD	0.13081%
National Bank Holdings Corp A	NBHC	US	USD	0.02101%
National Beverage Corp	FIZZ	US	USD	0.02185%
National CineMedia Inc	NCMI	US	USD	0.00476%
National Energy Services Reunited Corp.	NESR	US	USD	0.00762%
National Fuel Gas	NFG	US	USD	0.07394%
National Health Investors	NHI	US	USD	0.05519%
National HealthCare Corp	NHC	US	USD	0.01518%
National Instruments Corp	NATI	US	USD	0.09295%
National Presto Industries	NPK	US	USD	0.00892%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
National Research Corp	NRC	US	USD	0.01135%
National Retail Properties Inc	NNN	US	USD	0.12554%
National Storage Affiliates Trust	NSA	US	USD	0.04071%
National Vision Holdings	EYE	US	USD	0.06255%
National Western Life Group, Inc A	NWLI	US	USD	0.00872%
Natural Grocers by Vitamin Cottage Inc	NGVC	US	USD	0.00333%
Natus Medical Inc	NTUS	US	USD	0.01492%
Nautilus Group Inc	NLS	US	USD	0.00965%
Navient Corp	NAVI	US	USD	0.03925%
Navistar Intl Corp	NAV	US	USD	0.03686%
NBT Bancorp Inc (NY)	NBTB	US	USD	0.02967%
nCino, Inc.	NCNO	US	USD	0.01744%
NCR Corp	NCR	US	USD	0.07801%
Neenah, Inc	NP	US	USD	0.01627%
Nektar Therapeutics	NKTR	US	USD	0.06580%
Nelnet Inc A	NNI	US	USD	0.02664%
Neogen Corp	NEOG	US	USD	0.07302%
NeoGenomics Inc.	NEO	US	USD	0.08816%
Neoleukin Therapeutics Inc	NLTX	US	USD	0.00667%
NeoPhotonics Corp	NPTN	US	USD	0.00808%
Netgear Inc	NTGR	US	USD	0.02113%
Netscout Systems Inc	NTCT	US	USD	0.03528%
NetSTREIT Corp.	NTST	US	USD	0.00423%
NeuBase Therapeutics, Inc	NBSE	US	USD	0.00311%
Neurocrine Biosciences Inc	NBIX	US	USD	0.14355%
Nevro Corp	NVRO	US	USD	0.08476%
New Jersey Resources Corp	NJR	US	USD	0.06503%
New Relic Inc	NEWR	US	USD	0.05145%
New Residential Investment Corp.	NRZ	US	USD	0.07389%
New Senior Investment Group Inc	SNR	US	USD	0.00819%
New York Community Bancorp Inc	NYCB	US	USD	0.09611%
New York Mortgage Trust Inc.	NYMT	US	USD	0.02806%
New York Times Co A	NYT	US	USD	0.12282%
NewAge, Inc.	NBEV	US	USD	0.00575%
Newell Brands Inc	NWL	US	USD	0.15786%
Newmark Group, Inc	NMRK	US	USD	0.02844%
NewMarket Corp	NEU	US	USD	0.04862%
Newpark Resource Inc	NR	US	USD	0.00573%
News Corp A	NWSA	US	USD	0.16317%
News Corp B	NWS	US	USD	0.04866%
NexPoint Residential Trust Inc	NXRT	US	USD	0.01627%
Nexstar Media Group, Inc	NXST	US	USD	0.10935%
Nextcure, Inc.	NXTC	US	USD	0.00283%
NextGen Healthcare, Inc	NXGN	US	USD	0.01837%
NexTier Oilfield Solutions Inc.	NEX	US	USD	0.01287%
NGM Biopharmaceuticals, Inc.	NGM	US	USD	0.01063%
NIC Inc	EGOV	US	USD	0.03827%
Nicolet Bankshares Inc.	NCBS	US	USD	0.01230%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Nielsen Holdings plc	NLSN	US	USD	0.15494%
Nikola Corporation	NKLA	US	USD	0.03746%
Nisource Inc	NI	US	USD	0.14494%
Nkarta, Inc.	NKTX	US	USD	0.01220%
nLIGHT Inc.	LASR	US	USD	0.02192%
NMI Holdings Inc	NMIH	US	USD	0.03429%
NN Inc	NNBR	US	USD	0.00491%
Noodles & Co A	NDLS	US	USD	0.00543%
Nordson Corp	NDSN	US	USD	0.17888%
Nordstrom Inc	JWN	US	USD	0.06872%
Northern Oil And Gas Inc	NOG	US	USD	0.01060%
NORTHFIELD BANCORP INC	NFBK	US	USD	0.01218%
Northwest Bancshares Inc.	NWBI	US	USD	0.03199%
Northwest Natural Holding Co	NWN	US	USD	0.02682%
Northwestern Corp	NWE	US	USD	0.05151%
Norwegian Cruise Line Holdings Ltd	NCLH	US	USD	0.18135%
NOV Inc.	NOV	US	USD	0.10507%
Novanta Inc	NOVT	US	USD	0.07430%
NOW Inc.	DNOW	US	USD	0.02077%
NRG Energy	NRG	US	USD	0.17562%
NU Skin Enterprises Inc A	NUS	US	USD	0.04401%
Nurix Therapeutics, Inc.	NRIX	US	USD	0.00855%
Nutanix, Inc.A	NTNX	US	USD	0.08655%
NuVasive Inc	NUVA	US	USD	0.05297%
NV5 Global Inc	NVEE	US	USD	0.01908%
NVE Corp	NVEC	US	USD	0.00562%
nVent Electric plc	NVT	US	USD	0.08249%
O-I Glass Inc	OI	US	USD	0.03381%
Oceaneering Intl Inc	OII	US	USD	0.02346%
OceanFirst Financial Corp	OCFC	US	USD	0.02398%
Ocular Therapeutix Inc	OCUL	US	USD	0.02527%
Ocwen Financial Corp	OCN	US	USD	0.00361%
Odonate Therapeutics, Inc.	ODT	US	USD	0.00620%
Office Properties Income Trust	OPI	US	USD	0.02274%
OFG Bancorp	OFG	US	USD	0.01859%
OGE Energy Corp	OGE	US	USD	0.10676%
Oil States Intl Inc	OIS	US	USD	0.00912%
Old National Bancorp (DE)	ONB	US	USD	0.05526%
Old Republic Intl Corp	ORI	US	USD	0.10051%
Olin Corp	OLN	US	USD	0.07652%
Ollie's Bargain Outlet Holdings, Inc.	OLLI	US	USD	0.09069%
Omega Flex Inc.	OFLX	US	USD	0.00791%
Omega Healthcare Investors	OHI	US	USD	0.14378%
Omeros Corp.	OMER	US	USD	0.01899%
Omnicell Inc	OMCL	US	USD	0.08919%
Onconova Therapeutics Inc	ONTX	US	USD	0.00449%
ONE Gas Inc	OGS	US	USD	0.06543%
One Liberty Properties Inc	OLP	US	USD	0.00626%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
OneMain Holdings Inc	OMF	US	USD	0.07416%
OneSpan Inc	OSPN	US	USD	0.01515%
OneSpaWorld Holdings Limited	OSW	US	USD	0.00947%
OneWater Marine Inc.	ONEW	US	USD	0.00659%
Onto Innovation Inc	ONTO	US	USD	0.04961%
Ontrak, inc.	OTRK	US	USD	0.00378%
Ooma Inc	OOMA	US	USD	0.00607%
Open Lending Corporation	LPRO	US	USD	0.05225%
OPKO Health, Inc.	OPK	US	USD	0.03305%
Oppenheimer Holdings A	OPY	US	USD	0.00643%
OptimizeRx Corp	OPRX	US	USD	0.00993%
Optinose, Inc.	OPTN	US	USD	0.00219%
Option Care Health, Inc.	OPCH	US	USD	0.02385%
OraSure Technologies Inc	OSUR	US	USD	0.01204%
Orbcomm Inc	ORBC	US	USD	0.00979%
Orchid Island Capital Inc	ORC	US	USD	0.00819%
Oric Pharmaceuticals, Inc.	ORIC	US	USD	0.00832%
Origin Bancorp Inc	OBNK	US	USD	0.01516%
Orion Energy Systems Inc	OESX	US	USD	0.00359%
Orion Engineered Carbons SA	OEC	US	USD	0.01989%
Ormat Technologies	ORA	US	USD	0.06340%
Orthofix Medical Inc	OFIX	US	USD	0.01499%
OrthoPediatrics Corp.	KIDS	US	USD	0.01097%
Oshkosh Corporation	OSK	US	USD	0.12775%
OSI Systems Inc	OSIS	US	USD	0.02725%
Otter Tail Corp	OTTR	US	USD	0.03032%
Outfront Media Inc	OUT	US	USD	0.05541%
Overstock.com Inc	OSTK	US	USD	0.04886%
Ovid Therapeutics Inc	OVID	US	USD	0.00277%
Ovintiv Inc.	OVV	US	USD	0.11222%
Owens & Minor Inc	OMI	US	USD	0.04169%
Owens Corning Inc	OC	US	USD	0.14521%
Oxford Industries Inc	OXM	US	USD	0.02480%
Oyster Point Pharma, Inc.	OYST	US	USD	0.00455%
Pacific Biosciences of California	PACB	US	USD	0.10174%
Pacific Premier Bancorp	PPBI	US	USD	0.06891%
Pacira BioSciences, Inc	PCRX	US	USD	0.05159%
PacWest Bancorp	PACW	US	USD	0.07627%
PAE Incorporated	PAE	US	USD	0.00879%
PagerDuty, Inc.	PD	US	USD	0.03599%
Palatin Technologies Inc	PTN	US	USD	0.00264%
Palomar Holdings, Inc.	PLMR	US	USD	0.02858%
Pandion Therapeutics, Inc.	PAND	US	USD	0.00773%
Papa John's Intl Inc	PZZA	US	USD	0.04616%
Par Pacific Holdings Inc	PARR	US	USD	0.01216%
PAR Technology Corp	PAR	US	USD	0.02423%
Paramount Group Inc	PGRE	US	USD	0.02711%
Paratek Pharmaceuticals, Inc	PRTK	US	USD	0.00509%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Park Aerospace	PKE	US	USD	0.00456%
Park Hotels & Resorts Inc	PK	US	USD	0.08529%
Park National Corp.	PRK	US	USD	0.03182%
Parsons Corporation	PSN	US	USD	0.01446%
Party City Holdco Inc	PRTY	US	USD	0.01360%
Passage Bio, Inc.	PASG	US	USD	0.00849%
Patrick Industries Inc	PATK	US	USD	0.03254%
Patterson Cos Inc	PDCO	US	USD	0.04585%
Patterson-UTI Energy Inc	PTEN	US	USD	0.02867%
Paylocity Holding Corp	PCTY	US	USD	0.11268%
Paysign, Inc	PAYS	US	USD	0.00234%
PBF Energy Inc A	PBF	US	USD	0.02534%
PC Connection Inc	CNXN	US	USD	0.00856%
PDC Energy Inc	PDCE	US	USD	0.06332%
PDF Solutions Inc	PDFS	US	USD	0.00883%
Peabody Energy Corp	BTU	US	USD	0.00450%
Pebblebrook Hotel Trust	PEB	US	USD	0.05225%
Pegasystems Inc	PEGA	US	USD	0.07920%
Penn Virginia Corp.	PVAC	US	USD	0.00436%
Pennant Group	PNTG	US	USD	0.02278%
PennyMac Financial Services Inc	PFSI	US	USD	0.04321%
PennyMac Mortgage Investment Trust Co	PMT	US	USD	0.03130%
Penske Auto Group	PAG	US	USD	0.04295%
Pentair PLC	PNR	US	USD	0.16464%
Penumbra Inc	PEN	US	USD	0.15520%
People's United Financial Inc	PBCT	US	USD	0.12877%
Peoples Bancorp Inc (OH)	PEBO	US	USD	0.01024%
Perdoceo Education Corporation	PRDO	US	USD	0.01412%
Perficient Inc	PRFT	US	USD	0.03234%
Performance Food Group Co	PFGC	US	USD	0.12438%
Perrigo Company plc	PRGO	US	USD	0.09384%
Personalis, Inc.	PSNL	US	USD	0.01138%
Perspecta Inc.	PRSP	US	USD	0.06636%
PetIQ Inc	PETQ	US	USD	0.01317%
PetMed Express.com Inc	PETS	US	USD	0.01179%
PGT Innovations, Inc	PGTI	US	USD	0.02480%
Phathom Pharmaceuticals, Inc.	PHAT	US	USD	0.01072%
Phibro Animal Health Corporation A	PAHC	US	USD	0.00830%
Photronics Inc.	PLAB	US	USD	0.01281%
Phreesia, Inc.	PHR	US	USD	0.02899%
Physicians Realty Trust	DOC	US	USD	0.06083%
Piedmont Office Realty Trust Inc	PDM	US	USD	0.03709%
Pilgrims Pride Corp	PPC	US	USD	0.01998%
Ping Identity Holding Corp.	PING	US	USD	0.01383%
Pinnacle Financial	PNFP	US	USD	0.11282%
Pinnacle West Capital (AZ)	PNW	US	USD	0.14666%
Piper Sandler Cos	PIPR	US	USD	0.02708%
Pitney Bowes Inc	PBI	US	USD	0.02659%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
PIXELWORKS INC	PXLW	US	USD	0.00256%
PJT Partners Inc.	PJT	US	USD	0.02777%
Planet Fitness Inc A	PLNT	US	USD	0.11382%
Plantronics Inc	PLT	US	USD	0.02474%
Playa Hotels & Resorts N.V.	PLYA	US	USD	0.01140%
PlayAGS, Inc.	AGS	US	USD	0.00428%
Playtika Holding Corp.	PLTK	US	USD	0.03132%
Plexus Corp	PLXS	US	USD	0.04236%
Pliant Therapeutics, Inc.	PLRX	US	USD	0.00590%
Pluralsight, Inc.-A	PS	US	USD	0.03734%
Plymouth Industrial REIT, Inc.	PLYM	US	USD	0.00764%
PNM Resources Inc	PNM	US	USD	0.06930%
Polaris Inc	PII	US	USD	0.13083%
Popular Inc (Puerto Rico)	BPOP	US	USD	0.09974%
Portland General Electric	POR	US	USD	0.06682%
Poseida Therapeutics, Inc.	PSTX	US	USD	0.00243%
Post Holdings Inc.	POST	US	USD	0.10232%
PotlatchDeltic Corp	PCH	US	USD	0.05909%
Powell Industries	POWL	US	USD	0.00513%
Power Integrations Inc	POWI	US	USD	0.08238%
PPD Inc.	PPD	US	USD	0.06343%
PQ Group Holdings, Inc.	PQG	US	USD	0.01152%
PRA Group, Inc	PRAA	US	USD	0.02946%
Pra Health Sciences Inc	PRAH	US	USD	0.15773%
Precigen, Inc.	PGEN	US	USD	0.01362%
Precision BioSciences, Inc.	DTIL	US	USD	0.00816%
Preferred Apartment Communities Inc	APTS	US	USD	0.00858%
Preferred Bank (CA)	PFBC	US	USD	0.01449%
Premier Financial Corp.	PFC	US	USD	0.02067%
Premier Inc. A	PINC	US	USD	0.03991%
Prestige Consumer Healthcare Inc	PBH	US	USD	0.03849%
PriceSmart Inc	PSMT	US	USD	0.03692%
Primerica Inc	PRI	US	USD	0.09695%
Primoris Services Corp	PRIM	US	USD	0.02944%
ProAssurance Corp	PRA	US	USD	0.02428%
PROG Holdings, Inc	PRG	US	USD	0.05444%
Progress Software Corp	PRGS	US	USD	0.03284%
Progyny, Inc.	PGNY	US	USD	0.02698%
Proofpoint Inc.	PFPT	US	USD	0.12490%
ProPetro Holding Corp.	PUMP	US	USD	0.01682%
Pros Holdings Inc	PRO	US	USD	0.03113%
Prosperity Bancshares Inc	PB	US	USD	0.11916%
Protagonist Therapeutics	PTGX	US	USD	0.01993%
Prothena Corporation plc	PRTA	US	USD	0.00936%
Proto Labs Inc	PRLB	US	USD	0.05914%
Provention Bio, Inc.	PRVB	US	USD	0.01089%
Provident Financial Services	PFS	US	USD	0.02775%
PS Business Parks Inc	PSB	US	USD	0.04995%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
PTC Therapeutics Inc	PTCT	US	USD	0.06985%
Pulse Biosciences, Inc.	PLSE	US	USD	0.00606%
Puma Biotechnology Inc.	PBYI	US	USD	0.00645%
Pure Storage Inc	PSTG	US	USD	0.08805%
Purple Innovation, Inc-A	PRPL	US	USD	0.02708%
PVH Corp	PVH	US	USD	0.12430%
Q2 Holdings Inc	QTWO	US	USD	0.09600%
QAD Inc A	QADA	US	USD	0.01422%
QCR Holdings Inc	QCRH	US	USD	0.01136%
QEP Resources	QEP	US	USD	0.01700%
QTS Realty Trust Inc A	QTS	US	USD	0.06416%
Quaker Chemical Corp	KWR	US	USD	0.05525%
Qualys Inc.	QLYS	US	USD	0.05550%
Quanex Building Products Corporation	NX	US	USD	0.01501%
Quanta Services Inc	PWR	US	USD	0.19404%
Quanterix Corporation	QTRX	US	USD	0.02690%
Quidel Corp	QDEL	US	USD	0.10079%
QuinStreet Inc	QNST	US	USD	0.01935%
Quotient Limited	QTNT	US	USD	0.00647%
Quotient Technology Inc	QUOT	US	USD	0.02008%
Qurate Retail Inc-A	QRTEA	US	USD	0.08099%
R.R. Donnelley & Sons Co	RRD	US	USD	0.00492%
R1 RCM Inc.	RCM	US	USD	0.05404%
Rackspace Technology, Inc.	RXT	US	USD	0.01203%
Radian Group	RDN	US	USD	0.07097%
Radius Health Inc.	RDUS	US	USD	0.01690%
RadNet Inc	RDNT	US	USD	0.01668%
Ralph Lauren Corp A	RL	US	USD	0.10119%
Rambus Inc	RMBS	US	USD	0.03749%
Range Resources Corp	RRC	US	USD	0.04231%
Ranpak Holdings Corp.-A	PACK	US	USD	0.01283%
Rapid7, Inc.	RPD	US	USD	0.06980%
RAPT Therapeutics, Inc.	RAPT	US	USD	0.00299%
Raven Industries Inc	RAVN	US	USD	0.02277%
Rayonier Advanced Materials Inc	RYAM	US	USD	0.01073%
Rayonier Inc	RYN	US	USD	0.07500%
Razer Inc	01337	HK	HKD	0.02059%
RBC Bearings	ROLL	US	USD	0.07957%
RCI Hospitality Holdings, Inc	RICK	US	USD	0.00929%
RE/MAX Holdings Inc A	RMAX	US	USD	0.01226%
Ready Capital Corp	RC	US	USD	0.00965%
Realogy Holdings Corp.	RLGY	US	USD	0.03057%
REALPAGE INC	RP	US	USD	0.12953%
Reata Pharmaceuticals, Inc.	RETA	US	USD	0.05326%
Recro Pharma, Inc	REPH	US	USD	0.00157%
Red Robin Gourmet Burgers	RRGB	US	USD	0.00953%
Red Rock Resorts, Inc A	RRR	US	USD	0.03460%
Redfin Corporation	RDFN	US	USD	0.11246%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Redwood Trust Inc	RWT	US	USD	0.01856%
Regal Beloit Corp	RBC	US	USD	0.09468%
Regency Centers Corp	REG	US	USD	0.15526%
REGENXBIO Inc.	RGNX	US	USD	0.02399%
Regis Corp	RGS	US	USD	0.00502%
Reinsurance Group of America	RGA	US	USD	0.14473%
Relay Therapeutics, Inc.	RLAY	US	USD	0.01260%
Reliance Steel & Aluminum	RS	US	USD	0.15590%
Relmada Therapeutics, Inc.	RLMD	US	USD	0.00797%
RenaissanceRe Hldgs	RNR	US	USD	0.13746%
Renasant Corp	RNST	US	USD	0.04083%
Renewable Energy Group Inc	REGI	US	USD	0.05131%
Rent-A-Center Inc	RCII	US	USD	0.04872%
Repay Holdings Corporation	RPAY	US	USD	0.02971%
Repligen Corp	RGEN	US	USD	0.16074%
Replimune Group, Inc.	REPL	US	USD	0.01450%
Repro Med Systems, Inc.	KRMD	US	USD	0.00185%
Resideo Technologies Inc	REZI	US	USD	0.06650%
Resolute Forest Products	RFP	US	USD	0.01294%
Resonant Inc.	RESN	US	USD	0.00341%
Resources Connection Inc	RGP	US	USD	0.00715%
Retail Opportunity Investments Corp	ROIC	US	USD	0.03249%
Retail Properties of America Inc - A	RPAI	US	USD	0.04169%
Retail Value Inc	RVI	US	USD	0.00460%
Retractable Technologies Inc	RVP	US	USD	0.00285%
REV Group, Inc.	REVG	US	USD	0.00636%
Revance Therapeutics, Inc.	RVNC	US	USD	0.02803%
Revolution Medicines, Inc.	RVMD	US	USD	0.03695%
Revolve Group, Inc.-A	RVLV	US	USD	0.02618%
REX American Resources Corp	REX	US	USD	0.00969%
Rexford Industrial Realty Inc	REXR	US	USD	0.10515%
Rexnord Corp	RXN	US	USD	0.09600%
Reynolds Consumer Products Inc	REYN	US	USD	0.02627%
RH	RH	US	USD	0.12555%
Rhythm Pharmaceuticals, Inc.	RYTM	US	USD	0.01558%
Ribbon Communications Inc	RBBN	US	USD	0.01584%
Rigel Pharmaceuticals Inc	RIGL	US	USD	0.01091%
Rite Aid Corp	RAD	US	USD	0.01930%
RLI Corp	RLI	US	USD	0.07415%
RLJ Lodging Trust	RLJ	US	USD	0.04360%
RMR Group A	RMR	US	USD	0.01069%
Robert Half Intl Inc	RHI	US	USD	0.14587%
Rocket Companies Inc A	RKT	US	USD	0.04938%
Rocket Pharmaceuticals, Inc	RCKT	US	USD	0.03919%
Rockwell Medical, Inc	RMTI	US	USD	0.00189%
Rogers Corp	ROG	US	USD	0.05754%
Rollins Inc	ROL	US	USD	0.12228%
Royal Gold Inc	RGLD	US	USD	0.11699%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Royalty Pharma plc	RPRX	US	USD	0.06601%
RPC Inc	RES	US	USD	0.00635%
RPM International Inc.	RPM	US	USD	0.18764%
RPT Realty	RPT	US	USD	0.01623%
Rubius Therapeutics, Inc.	RUBY	US	USD	0.00921%
Rush Enterprises A	RUSHA	US	USD	0.03308%
Ruth's Hospitality Group, Inc.	RUTH	US	USD	0.01315%
Ryder System Inc	R	US	USD	0.06712%
Ryerson Holding Corp	RYI	US	USD	0.00431%
Ryman Hospitality Properties Inc	RHP	US	USD	0.07486%
S & T Bancorp Inc (IN)	STBA	US	USD	0.02194%
Sabra Health Care REIT	SBRA	US	USD	0.06083%
Sabre Corporation	SABR	US	USD	0.08582%
Safehold Inc.	SAFE	US	USD	0.01759%
Safety Insurance Group Inc	SAFT	US	USD	0.01974%
SAGE Therapeutics Inc	SAGE	US	USD	0.06794%
Saia Inc	SAIA	US	USD	0.09600%
SailPoint Technologies Holdings, Inc.	SAIL	US	USD	0.08088%
Sally Beauty Holdings, Inc.	SBH	US	USD	0.03866%
Samsonite International SA	01910	HK	HKD	0.04575%
Sanderson Farms	SAFM	US	USD	0.05399%
Sandy Spring Bancorp Inc	SASR	US	USD	0.03216%
Sanfilippo John B & Son Inc	JBSS	US	USD	0.01342%
Sangamo Therapeutics, Inc	SGMO	US	USD	0.02300%
Sanmina Corp	SANM	US	USD	0.04312%
Santander Consumer USA Holdings Inc	SC	US	USD	0.03078%
Sarepta Therapeutics Inc	SRPT	US	USD	0.11434%
Saul Centers	BFS	US	USD	0.00888%
ScanSource Inc	SCSC	US	USD	0.01342%
Schneider National, Inc.	SNDR	US	USD	0.01583%
Schnitzer Steel Inds A	SCHN	US	USD	0.01895%
Scholar Rock Holding Corporation	SRRK	US	USD	0.02073%
Scholastic Corp	SCHL	US	USD	0.01525%
Schrodinger, Inc.	SDGR	US	USD	0.03957%
Schweitzer-Mauduit	SWM	US	USD	0.02550%
Science Applications International Corp	SAIC	US	USD	0.08774%
Scientific Games Corp	SGMS	US	USD	0.04345%
SciPlay Corp.	SCPL	US	USD	0.00653%
Scotts Miracle-Gro Company	SMG	US	USD	0.14436%
Sculptor Capital Management Inc.-A	SCU	US	USD	0.00696%
Seaboard Corp	SEB	US	USD	0.01655%
Seacoast Banking (FL)	SBCF	US	USD	0.03593%
SEACOR Holdings Inc.	CKH	US	USD	0.01319%
Sealed Air Corp	SEE	US	USD	0.11926%
SeaSpine Holdings Corp	SPNE	US	USD	0.00731%
SeaWorld Entertainment Inc	SEAS	US	USD	0.04221%
SecureWorks Corp.	SCWX	US	USD	0.00214%
SEI Investments Corp	SEIC	US	USD	0.11838%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Select Energy Services-A	WTTR	US	USD	0.00701%
Select Medical Holdings Corp	SEM	US	USD	0.06069%
Selecta Biosciences, Inc.	SELB	US	USD	0.00583%
Selective Insurance Group Inc	SIGI	US	USD	0.07438%
SelectQuote, Inc.	SLQT	US	USD	0.01896%
Semtech Corp	SMTC	US	USD	0.07437%
Seneca Foods Corp A	SENEA	US	USD	0.00689%
Sensata Technologies Holding plc	ST	US	USD	0.15778%
Sensient Technologies Corp	SXT	US	USD	0.05517%
Seres Therapeutics, Inc.	MCRB	US	USD	0.01934%
Seritage Growth Properties	SRG	US	USD	0.01369%
Service Corp Intl	SCI	US	USD	0.13532%
Service Properties Trust	SVC	US	USD	0.03495%
ServisFirst Bancshares Inc.	SFBS	US	USD	0.04393%
Sesen Bio, Inc	SESN	US	USD	0.00717%
Sezzle Inc	SZL	AU	AUD	0.00877%
Shake Shack Inc A	SHAK	US	USD	0.06846%
Shenandoah Telecommunications	SHEN	US	USD	0.04195%
Shift4 Payments, Inc.-A	FOUR	US	USD	0.04692%
Shockwave Medical, Inc.	SWAV	US	USD	0.05425%
Shoe Carnival	SCVL	US	USD	0.00780%
ShotSpotter, Inc.	SSTI	US	USD	0.00504%
Shutterstock Inc	SSTK	US	USD	0.03235%
SI-BONE, Inc.	SIBN	US	USD	0.01365%
Sientra Inc.	SIEN	US	USD	0.00631%
SIGA Technologies, Inc.	SIGA	US	USD	0.00530%
Signature Bank NY	SBNY	US	USD	0.21350%
Signet Jewelers Ltd	SIG	US	USD	0.04992%
Silgan Hldgs Inc	SLGN	US	USD	0.05604%
Silicon Laboratories Inc	SLAB	US	USD	0.10634%
Silk Road Medical Inc	SILK	US	USD	0.03128%
Silvergate Capital Corp.-A	SI	US	USD	0.04017%
Simmons 1st Natl Corp A	SFNC	US	USD	0.05636%
Simpson Manufacturing Co Inc	SSD	US	USD	0.07624%
SIMULATIONS PLUS	SLP	US	USD	0.01702%
Sinclair Broadcast Group A	SBGI	US	USD	0.02931%
Sirius XM Holdings Inc	SIRI	US	USD	0.11619%
SiriusPoint Ltd	SPNT	US	USD	0.01520%
SITE Centers Corp	SITC	US	USD	0.03753%
SiteOne Landscape Supply, Inc.	SITE	US	USD	0.12273%
SiTime Corp	SITM	US	USD	0.02150%
Six Flags Entertainment Corp	SIX	US	USD	0.06203%
SJW Group	SJW	US	USD	0.02601%
Skechers USA Inc A	SKX	US	USD	0.08614%
Skyline Champion Corp	SKY	US	USD	0.03857%
SkyWest Inc	SKYW	US	USD	0.04889%
SL Green Realty Corp	SLG	US	USD	0.08731%
Sleep Number Corp	SNBR	US	USD	0.05779%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
SLM Corp	SLM	US	USD	0.10313%
SM Energy Co	SM	US	USD	0.02859%
SMART Global Holdings	SGH	US	USD	0.01080%
Smartsheet, Inc.	SMAR	US	USD	0.12541%
SmileDirectClub, Inc.	SDC	US	USD	0.01576%
Smith & Wesson Brands, Inc.	SWBI	US	USD	0.01617%
Smith Micro Software	SMSI	US	USD	0.00404%
Snap On Inc	SNA	US	USD	0.19796%
Snowflake Inc. Class A	SNOW	US	USD	0.12531%
Solaris Oilfield Infrastructure, Inc.-A	SOI	US	USD	0.00673%
SolarWinds Corporation	SWI	US	USD	0.02009%
Sonic Automotive A	SAH	US	USD	0.01992%
Sonoco Products Co	SON	US	USD	0.10499%
Sonos, Inc.	SONO	US	USD	0.06086%
Sorrento Therapeutics, Inc.	SRNE	US	USD	0.03886%
South Jersey Industries Inc	SJI	US	USD	0.04737%
South State Corporation	SSB	US	USD	0.10385%
Southside Bancshares Inc	SBSI	US	USD	0.02083%
Southwest Gas Holdings, Inc	SWX	US	USD	0.06554%
Southwestern Energy Co	SWN	US	USD	0.04197%
SP Plus Corporation	SP	US	USD	0.01348%
Spark Energy Inc A	SPKE	US	USD	0.00205%
SpartanNash Company	SPTN	US	USD	0.01232%
Spectrum Brands Holdings, Inc	SPB	US	USD	0.05335%
Spectrum Pharmaceuticals	SPPI	US	USD	0.00823%
Spero Therapeutics, Inc.	SPRO	US	USD	0.00643%
Spire Inc	SR	US	USD	0.06243%
Spirit Aerosystems Holdings A	SPR	US	USD	0.08422%
Spirit Airlines Inc.	SAVE	US	USD	0.06117%
Spirit Realty Capital Inc	SRC	US	USD	0.08009%
Sportsman's Warehouse Holdings Inc	SPWH	US	USD	0.01244%
Springworks Therapeutics, Inc.	SWTX	US	USD	0.03458%
Sprout Social, Inc.	SPT	US	USD	0.02703%
Sprouts Farmers Markets Inc	SFM	US	USD	0.04600%
SPS Commerce Inc	SPSC	US	USD	0.06134%
SPX Corp	SPXC	US	USD	0.04290%
SPX FLOW Inc	FLOW	US	USD	0.04758%
St Joe Corp	JOE	US	USD	0.02549%
Staar Surgical Co	STAA	US	USD	0.06907%
STAG Industrial Inc	STAG	US	USD	0.08715%
Stamps.com Inc	STMP	US	USD	0.05584%
Standard Motor Products	SMP	US	USD	0.01483%
Standex Intl Corp	SXI	US	USD	0.02170%
Starwood Property Trust Inc	STWD	US	USD	0.11071%
Steel Dynamics Inc	STLD	US	USD	0.15901%
Steelcase Inc A	SCS	US	USD	0.02289%
Stepan Co	SCL	US	USD	0.04548%
Stericycle Inc	SRCL	US	USD	0.10416%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Sterling Bancorp/DE	STL	US	USD	0.07537%
Sterling Construction	STRL	US	USD	0.01009%
Steven Madden Ltd	SHOO	US	USD	0.05028%
Stewart Information Services	STC	US	USD	0.02328%
Stifel Financial Corp	SF	US	USD	0.11389%
Stitch Fix, Inc.	SFIX	US	USD	0.04887%
Stock Yards Bancorp Inc	SYBT	US	USD	0.01943%
Stoke Therapeutics, Inc.	STOK	US	USD	0.01753%
Stoneridge Inc	SRI	US	USD	0.01652%
StoneX Group Inc.	SNEX	US	USD	0.01728%
STORE Capital Corp	STOR	US	USD	0.12733%
Strategic Education Inc	STRA	US	USD	0.03397%
Stride, Inc.	LRN	US	USD	0.01693%
Strongbridge Biopharma PLC	SBBP	US	USD	0.00230%
Sturm Ruger & Co Inc	RGR	US	USD	0.02066%
Summit Hotel Properties Inc	INN	US	USD	0.01840%
Summit Materials A	SUM	US	USD	0.05620%
SunCoke Energy Inc	SXC	US	USD	0.00948%
Sunnova Energy International Inc.	NOVA	US	USD	0.04137%
Sunpower Corp	SPWR	US	USD	0.04340%
Sunrun Inc.	RUN	US	USD	0.14064%
Sunstone Hotel Investors	SHO	US	USD	0.04528%
SUPER MICRO COMP	SMCI	US	USD	0.02477%
SUPERIOR UNIFORM	SGC	US	USD	0.00387%
Supernus Pharmaceuticals Inc	SUPN	US	USD	0.02260%
Surgalign Holdings, Inc.	SRGA	US	USD	0.00386%
Surgery Partners, Inc.	SGRY	US	USD	0.01936%
Surmodics, Inc	SRDX	US	USD	0.01248%
Sutro Biopharma, Inc.	STRO	US	USD	0.01232%
SVMK Inc.	SVMK	US	USD	0.03701%
Switch, inc.	SWCH	US	USD	0.02121%
Sykes Enterprises Inc	SYKE	US	USD	0.02967%
Synaptics Inc	SYNA	US	USD	0.07892%
Synchronoss Technologies	SNCR	US	USD	0.00252%
Syndax Pharmaceuticals, Inc.	SNDX	US	USD	0.01380%
Syneos Health, Inc	SYNH	US	USD	0.10045%
Synnex Corp	SNX	US	USD	0.06709%
Synovus Financial Corp (GA)	SNV	US	USD	0.11540%
Syros Pharmaceuticals, Inc.	SYRS	US	USD	0.00766%
Systemax Inc	SYX	US	USD	0.00968%
T2 Biosystems Inc	TTOO	US	USD	0.00417%
Tabula Rasa Healthcare, Inc.	TRHC	US	USD	0.01358%
Tactile Systems Technology, Inc.	TCMD	US	USD	0.01626%
Talos Energy, Inc.	TALO	US	USD	0.00692%
Tandem Diabetes Care Inc	TNDM	US	USD	0.09419%
Tanger Factory Outlet Centers	SKT	US	USD	0.02528%
Tapestry, Inc	TPR	US	USD	0.20227%
Targa Resources Corp	TRGP	US	USD	0.12818%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Taylor Morrison Home Corp	TMHC	US	USD	0.06146%
TCF Financial Corp	TCF	US	USD	0.12102%
TCR2 Therapeutics, Inc.	TCRR	US	USD	0.01179%
Team Inc	TISI	US	USD	0.00640%
Technip Energies ADR	THNPY	US	USD	0.02284%
TechnipFMC plc	FTI	US	USD	0.06149%
TechTarget	TTGT	US	USD	0.02983%
Teekay Corp	TK	US	USD	0.00552%
Teekay Tankers Ltd A	TNK	US	USD	0.00537%
TEGNA Inc	TGNA	US	USD	0.06950%
Tejon Ranch Co	TRC	US	USD	0.00582%
Telephone & Data Systems Inc	TDS	US	USD	0.03647%
Tellurian Inc	TELL	US	USD	0.00885%
Tempur Sealy Intl Inc	TPX	US	USD	0.11777%
Tenable Holdings Inc	TENB	US	USD	0.04655%
Tenet Healthcare	THC	US	USD	0.09625%
Tennant Co	TNC	US	USD	0.02434%
Tenneco Inc	TEN	US	USD	0.00971%
Teradata Corp	TDC	US	USD	0.07941%
Terex Corp	TEX	US	USD	0.05297%
Terminix Global Holdings, Inc.	TMX	US	USD	0.10523%
Terreno Realty Corp	TRNO	US	USD	0.06398%
Tetra Tech Inc	TTEK	US	USD	0.11832%
Tetra Technologies Inc	TTI	US	USD	0.00556%
Texas Capital Bancshares	TCBI	US	USD	0.07179%
Texas Roadhouse	TXRH	US	USD	0.10114%
Textainer Group Holdings Ltd	TGH	US	USD	0.01836%
Textron Inc	TXT	US	USD	0.19372%
TFS Financial Corp	TFSL	US	USD	0.01668%
TG Therapeutics Inc	TGTX	US	USD	0.08720%
The Aaron's Company, Inc.	AAN	US	USD	0.01387%
The AZEK Company Inc.-A	AZEK	US	USD	0.09045%
The Brink's Co	BCO	US	USD	0.06856%
The Chemours Company	CC	US	USD	0.07144%
THE ENSIGN GROUP	ENSG	US	USD	0.07425%
The ExOne Company	XONE	US	USD	0.00770%
THE JOINT CORP	JYNT	US	USD	0.00924%
The Lovesac Company	LOVE	US	USD	0.01045%
The Michaels Cos Inc.	MIK	US	USD	0.02721%
The ODP Corporation	ODP	US	USD	0.03666%
The RealReal, Inc.	REAL	US	USD	0.02271%
The Shyft Group, Inc	SHYF	US	USD	0.01862%
The Simply Good Foods Company	SMPL	US	USD	0.04463%
The Wendy's Company	WEN	US	USD	0.06056%
Therapeutics MD Inc	TXMD	US	USD	0.00797%
Theravance Biopharma Inc	TBPH	US	USD	0.01718%
Thermon Group Holdings Inc	THR	US	USD	0.01147%
Thor Industries Inc	THO	US	USD	0.12304%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Tidewater Inc	TDW	US	USD	0.00985%
Tilly's Inc A	TLYS	US	USD	0.00438%
Timken Co	TKR	US	USD	0.09097%
TimkenSteel Corp	TMST	US	USD	0.00713%
TITAN MACHINERY	TITN	US	USD	0.00825%
Tivity Health, Inc	TVTY	US	USD	0.01518%
Toll Brothers Inc	TOL	US	USD	0.10312%
Tompkins Financial Corporation	TMP	US	USD	0.01789%
Tootsie Roll Industries Inc	TR	US	USD	0.00964%
TopBuild Corp	BLD	US	USD	0.10683%
Toro Co	TTC	US	USD	0.17687%
TOWNEBANK	TOWN	US	USD	0.03347%
TPG RE Finance Trust, Inc.	TRTX	US	USD	0.01135%
TPI Composites, Inc.	TPIC	US	USD	0.02628%
Tradeweb Markets Inc.	TW	US	USD	0.12533%
Translate Bio, Inc.	TBIO	US	USD	0.02797%
TransMedics Group, Inc.	TMDX	US	USD	0.01386%
Transocean Ltd	RIG	US	USD	0.03840%
Travel Leisure Co.	TNL	US	USD	0.08804%
Travelcenters of America Inc.	TA	US	USD	0.00633%
Traverse Therapeutics, Inc	TVTX	US	USD	0.02522%
Trean Insurance Group, Inc.	TIG	US	USD	0.00304%
Tredegar Corp	TG	US	USD	0.00767%
TreeHouse Foods Inc	THS	US	USD	0.04853%
Trevena Inc	TRVN	US	USD	0.00540%
Trex Co	TREX	US	USD	0.18027%
Tri Pointe Homes, Inc.	TPH	US	USD	0.03995%
Tricida, Inc.	TCDA	US	USD	0.00233%
Trico Bancshares	TCBK	US	USD	0.02219%
TriMas Corp	TRS	US	USD	0.02372%
TriNet Group Inc	TNET	US	USD	0.05562%
Trinity Industries Inc	TRN	US	USD	0.04084%
Trinseo SA	TSE	US	USD	0.04357%
TripAdvisor Inc. A	TRIP	US	USD	0.08150%
Triple-S Management Corp	GTS	US	USD	0.01099%
Tristate Capital Holdings Inc	TSC	US	USD	0.01145%
Triton International Limited	TRTN	US	USD	0.06616%
Triumph Bancorp Inc.	TBK	US	USD	0.03013%
Triumph Group Inc	TGI	US	USD	0.01509%
Tronox A	TROX	US	USD	0.03236%
TrueBlue Inc	TBI	US	USD	0.01275%
TrueCar Inc.	TRUE	US	USD	0.00832%
Trupanion, Inc.	TRUP	US	USD	0.04863%
Trustco Bank Corp (NY)	TRST	US	USD	0.01218%
Trustmark Corp (MS)	TRMK	US	USD	0.03576%
TTEC Holdings, Inc	TTEC	US	USD	0.02699%
TTM Technologies Inc	TTMI	US	USD	0.02357%
Tucows Inc.	TCX	US	USD	0.01307%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Tupperware Brands Corp	TUP	US	USD	0.02675%
Turning Point Brands	TPB	US	USD	0.00989%
Turning Point Therapeutics, Inc.	TPTX	US	USD	0.08063%
Turtle Beach Corp	HEAR	US	USD	0.00655%
Tutor Perini Corp	TPC	US	USD	0.01301%
Twist Bioscience Corp.	TWST	US	USD	0.08782%
Two Harbors Investment Corporation	TWO	US	USD	0.03405%
U.S. Xpress Enterprises, Inc.-A	USX	US	USD	0.00339%
UDR Inc	UDR	US	USD	0.21389%
UFP Industries, Inc	UFPI	US	USD	0.06728%
UGI Corp	UGI	US	USD	0.13985%
Ultra Clean Hldgs	UCTT	US	USD	0.03202%
Ultragenyx Pharmaceutical Inc	RARE	US	USD	0.13125%
UMB Financial Corp	UMBF	US	USD	0.06760%
UMH Properties Inc	UMH	US	USD	0.01189%
Umpqua Hldgs Corp	UMPQ	US	USD	0.06641%
Under Armour Inc A	UAA	US	USD	0.07094%
Under Armour Inc-C	UA	US	USD	0.06114%
Unifi Inc	UFI	US	USD	0.00732%
Unifirst Corp	UNF	US	USD	0.06464%
UNIQUIRE B.V.	QURE	US	USD	0.02102%
Unisys Corp	UIS	US	USD	0.02702%
United Bankshares Inc (WV)	UBSI	US	USD	0.08537%
United Community Banks Inc GA	UCBI	US	USD	0.05124%
United Fire Group Inc.	UFCS	US	USD	0.01223%
United Natural Foods Inc	UNFI	US	USD	0.02876%
United States Steel Corp	X	US	USD	0.09193%
United Therapeutics Corp	UTHR	US	USD	0.11865%
Uniti Group Inc	UNIT	US	USD	0.04529%
UNITIL Corp	UTL	US	USD	0.01164%
Unity Biotechnology Inc	UBX	US	USD	0.00363%
Univar Solutions Inc.	UNVR	US	USD	0.05744%
Universal Corp	UVV	US	USD	0.02269%
Universal Display Corp	OLED	US	USD	0.15472%
Universal Electronics Inc	UEIC	US	USD	0.01431%
Universal Health Realty Trust	UHT	US	USD	0.01510%
Universal Health Services B	UHS	US	USD	0.17142%
Universal Insurance Holdings Inc	UVE	US	USD	0.00774%
Univest Financial Corporation	UVSP	US	USD	0.01389%
Unum Group	UNM	US	USD	0.09749%
Upland Software Inc	UPLD	US	USD	0.02045%
Upwork, Inc.	UPWK	US	USD	0.06990%
Uranium Energy Corp	UEC	US	USD	0.00712%
Urban Edge Properties Inc.	UE	US	USD	0.03208%
Urban Outfitters	URBN	US	USD	0.04278%
Urstadt Biddle Prop Inc A	UBA	US	USD	0.00867%
US Cellular Corp	USM	US	USD	0.00877%
US Concrete Inc	USCR	US	USD	0.01752%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
US Ecology Inc	ECOL	US	USD	0.02224%
US Foods Holding Corp.	USFD	US	USD	0.14365%
US Physical Therapy Inc	USPH	US	USD	0.02565%
US Silica Holdings Inc	SLCA	US	USD	0.01716%
USANA Health Sciences Inc	USNA	US	USD	0.01951%
Vail Resorts Inc	MTN	US	USD	0.20578%
Valley National Bancorp (NJ)	VLV	US	USD	0.08991%
Valmont Industries Inc	VMI	US	USD	0.08503%
Valvoline Inc	VVV	US	USD	0.07877%
Vanda Pharmaceuticals	VNDA	US	USD	0.01686%
Vapotherm Inc	VAPO	US	USD	0.00912%
Varex Imaging Corp	VREX	US	USD	0.01555%
Varonis Systems Inc	VRNS	US	USD	0.09665%
Vaxart, Inc.	VXRT	US	USD	0.01289%
Vaxcyte, Inc.	PCVX	US	USD	0.00742%
VBI Vaccines Inc	VBIV	US	USD	0.01263%
Vector Group Ltd	VGR	US	USD	0.03085%
Vectrus Inc	VEC	US	USD	0.01127%
Veeco Instruments Inc	VECO	US	USD	0.01858%
Veoneer Inc.	VNE	US	USD	0.04249%
Vera Bradley Inc	VRA	US	USD	0.00408%
Veracyte Inc	VCYT	US	USD	0.05702%
Verastem Inc	VSTM	US	USD	0.00611%
VEREIT Inc	VER	US	USD	0.14658%
Vericel Corporation	VCEL	US	USD	0.03320%
VERINT SYSTEMS	VRNT	US	USD	0.05353%
Veritex Holdings Inc	VBTX	US	USD	0.02575%
Veritiv Corporation	VRTV	US	USD	0.00951%
Veritone Inc.	VERI	US	USD	0.01305%
Verra Mobility Corporation	VRRM	US	USD	0.03295%
Verso Corporation	VRS	US	USD	0.00796%
Vertex, Inc.	VERX	US	USD	0.01281%
Vertiv Holdings Co	VRT	US	USD	0.08348%
Veru Inc.	VERU	US	USD	0.01378%
Viad Corp	VVI	US	USD	0.01522%
ViaSat Inc	VSAT	US	USD	0.05811%
Viavi Solutions Inc	VIAV	US	USD	0.06164%
Vicor Corp	VICR	US	USD	0.03297%
Victory Capital Holdings, Inc-A	VCTR	US	USD	0.00681%
ViewRay Inc.	VRAY	US	USD	0.00931%
Viking Therapeutics, Inc.	VKTX	US	USD	0.00729%
Vir Biotechnolgy, Inc.	VIR	US	USD	0.04912%
Virgin Galactic Holdings Inc	SPCE	US	USD	0.06608%
VirnetX Holding	VHC	US	USD	0.00654%
Virtu Financial Inc. A	VIRT	US	USD	0.03798%
Virtus Investment Partners Inc	VRTS	US	USD	0.03052%
Vishay Intertechnology Inc	VSH	US	USD	0.05428%
Vishay Precision Group Inc. A	VPG	US	USD	0.00709%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Vista Outdoor Inc	VSTO	US	USD	0.03050%
Visteon Corp	VC	US	USD	0.05717%
Vistra Corp.	VST	US	USD	0.15146%
Vital Farms, Inc.	VITL	US	USD	0.00702%
Vivint Smart Home Inc.	VVNT	US	USD	0.01130%
Vmware Inc A	VMW	US	USD	0.19562%
Vobile Group Ltd	03738	HK	HKD	0.00874%
Vocera Communications Inc	VCRA	US	USD	0.02456%
Vonage Holdings	VG	US	USD	0.04954%
Vontier Corp	VNT	US	USD	0.08787%
Vornado Realty Trust	VNO	US	USD	0.12319%
VOXX International Corp A	VOXX	US	USD	0.00568%
Voya Financial, Inc	VOYA	US	USD	0.13201%
Voyager Therapeutics, Inc.	VYGR	US	USD	0.00253%
Vroom, Inc.	VRM	US	USD	0.02026%
Vuzix Corp	VUZI	US	USD	0.01277%
VYNE Therapeutics Inc.	VYNE	US	USD	0.00596%
W&T Offshore	WTI	US	USD	0.00597%
Wabash National Corp	WNC	US	USD	0.01608%
Waddell & Reed Finl A	WDR	US	USD	0.02612%
Waitr Holdings Inc.	WTRH	US	USD	0.00481%
Walker & Dunlop Inc	WD	US	USD	0.04876%
Warner Music Group Corp.	WMG	US	USD	0.05219%
Warrior Met Coal, Inc.	HCC	US	USD	0.01750%
Washington Federal Inc.	WAFD	US	USD	0.04071%
Washington Prime Group Inc	WPG	US	USD	0.00119%
Washington Real Estate Investment Trust	WRE	US	USD	0.03368%
Washington Trust Bancorp	WASH	US	USD	0.01531%
Waterstone Financial Inc	WSBF	US	USD	0.00720%
Watford Holdings Ltd.	WTRE	US	USD	0.01163%
Watsco Inc	WSO	US	USD	0.13189%
Watts Industries Inc A	WTS	US	USD	0.05494%
Wave Life Sciences Ltd	WVE	US	USD	0.00535%
WD-40 Co	WDFC	US	USD	0.06999%
Webster Financial Corp (CT)	WBS	US	USD	0.09015%
Weingarten Realty Investors	WRI	US	USD	0.05398%
Weis Markets Inc	WMK	US	USD	0.01594%
Welbilt Inc	WBT	US	USD	0.03477%
Werner Enterprises Inc	WERN	US	USD	0.04413%
Wesbanco Inc (VA)	WSBC	US	USD	0.04054%
WESCO Intl Inc	WCC	US	USD	0.06472%
Westamerica Bancorporatn (CA)	WABC	US	USD	0.02881%
Western Alliance Bancorp	WAL	US	USD	0.16381%
Western Asset Mortgage Capital Corp	WMC	US	USD	0.00333%
Western Union Co	WU	US	USD	0.17234%
Westlake Chemical Corp	WLK	US	USD	0.05311%
WestRock Co	WRK	US	USD	0.23427%
WEX Inc	WEX	US	USD	0.15762%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
Whirlpool Corp	WHR	US	USD	0.21026%
White Mountains Insurance Group Inc	WTM	US	USD	0.06027%
Whitestone REIT	WSR	US	USD	0.00655%
Whole Earth Brands, Inc	FREE	US	USD	0.00647%
WideOpenWest, Inc.	WOW	US	USD	0.01429%
Willdan Group Inc	WLDN	US	USD	0.00845%
Williams-Sonoma Inc	WSM	US	USD	0.16607%
WillScot Mobile Mini Holdings Corp.	WSC	US	USD	0.08251%
Wingstop Inc.	WING	US	USD	0.05979%
Winmark Corp	WINA	US	USD	0.00920%
Winnebago Industries Inc	WGO	US	USD	0.04607%
Wintrust Financial Corp	WTFC	US	USD	0.07509%
WisdomTree Investments Inc	WETF	US	USD	0.01126%
Wolverine World Wide Inc	WWW	US	USD	0.05101%
Woodward Inc.	WWD	US	USD	0.11394%
Workhorse Group Inc.	WKHS	US	USD	0.02984%
Workiva Inc A	WK	US	USD	0.06989%
World Acceptance Corp	WRLD	US	USD	0.00956%
World Fuel Services Corp	INT	US	USD	0.03641%
World Wrestling Entertainment Inc-A	WWE	US	USD	0.04400%
Worthington Industries Inc	WOR	US	USD	0.04058%
WP Carey Inc	WPC	US	USD	0.19905%
WR Berkley Corp	WRB	US	USD	0.17441%
Wrap Technologies	WRAP	US	USD	0.00203%
WSFS Financial Corp	WSFS	US	USD	0.04301%
WW International, Inc.	WW	US	USD	0.02778%
Wyndham Hotel & Resorts Inc.	WH	US	USD	0.10642%
Wynn Resorts Ltd	WYNN	US	USD	0.23670%
XBiotech Inc.	XBIT	US	USD	0.00466%
Xencor Inc	XNCR	US	USD	0.04300%
Xenia Hotels & Resorts Inc	XHR	US	USD	0.03767%
Xeris Pharmaceuticals, Inc.	XERS	US	USD	0.00379%
Xerox Holdings Corp	XRX	US	USD	0.07417%
XPEL INC	XPEL	US	USD	0.01494%
Xperi Holding Corporation	XPER	US	USD	0.04210%
XPO Logistics Inc	XPO	US	USD	0.20236%
XpresSpa Group, Inc	XSPA	US	USD	0.00292%
Y-mAbs Therapeutics, Inc	YMAB	US	USD	0.01614%
Yellow Corporation	YELL	US	USD	0.00642%
Yelp Inc	YELP	US	USD	0.04662%
YETI Holdings Inc	YETI	US	USD	0.08668%
Yext, Inc.	YEXT	US	USD	0.02405%
York Water Co	YORW	US	USD	0.01000%
Zentaris Pharmaceuticals Inc.	ZNTL	US	USD	0.01024%
Zions Bancorporation N.A.	ZION	US	USD	0.15552%
ZIOPHARM Oncology Inc	ZIOP	US	USD	0.01662%
Zix Corp.	ZIXI	US	USD	0.00733%
Zogenix Inc.	ZGNX	US	USD	0.01874%

COMPANY	TICKER	COUNTRY OF LISTING	CURRENCY CODE	INDEX WEIGHT
ZoomInfo Technologies, Inc.	ZI	US	USD	0.07405%
Zovio, Inc.	ZVO	US	USD	0.00251%
Zumiez	ZUMZ	US	USD	0.01673%
Zuora, Inc.-A	ZUO	US	USD	0.02482%
Zynerva Pharmaceuticals, Inc.	ZYNE	US	USD	0.00209%
Zynex Inc.	ZYXI	US	USD	0.00574%
Zynga Inc. A	ZNGA	US	USD	0.17384%

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The index's holdings report provides information on an index's investments as of the date indicated. It is not possible to invest directly in an index. All indices represented are unmanaged.

Please note: Total allocation percentages may not equal 100% due to rounding.

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