

	SR1	roc20	mav	atr14 %	ticker
1 *Marathon Oil Coporation	34,75	46,83	232 457 136 USD	6,43	MRO
2 *Discovery Comm A	28,23	29,28	330 142 496 USD	4,48	DISCA
3 *Viacomcbs Inc Cl B	26,56	27,45	683 160 256 USD	4,93	VIAC
4 *Limited Brands Inc.	26,33	31,93	188 538 864 USD	4,79	LB
5 *Diamondback Energy, Inc	25,55	14,87	185 219 072 USD	5,84	FANG
6 *Discovery Comm Inc	25,41	28,87	153 528 112 USD	4,00	DISCK
7 *Tapestry Inc	25,40	30,18	154 293 488 USD	3,46	TPR
8 *American Airlines Group Inc.	25,02	15,69	1 177 510 272 USD	5,57	AAL
9 *Occidental Petroleum Corporati	24,57	27,02	499 404 320 USD	6,10	OXY
10 *Twitter, Inc	24,54	49,43	1 088 814 464 USD	4,86	TWTR
11 *mgm Resorts International	24,41	27,84	300 106 944 USD	4,11	MGM
12 *HollyFrontier Corporation	24,20	27,37	80 902 608 USD	4,55	HFC
13 *Apache Corporation	24,13	32,06	152 646 464 USD	6,46	APA
14 *Carnival Corporation	23,24	35,51	926 611 200 USD	5,73	CCL
15 *Royal Caribbean Cruises Ltd.	23,00	35,08	364 149 248 USD	5,06	RCL
16 *People's Bank	22,56	29,06	76 497 800 USD	3,47	PBCT
17 *Devon Energy Corporation	22,33	25,23	227 823 968 USD	5,56	DVN
18 *Norwegian Cruise Ord	21,74	22,35	493 518 048 USD	5,94	NCLH
19 *Deere & Company	21,09	19,17	498 563 360 USD	2,81	DE
20 *Wynn Resorts Limited	20,77	29,08	326 977 408 USD	4,30	WYNN
21 *Applied Materials Inc.	20,13	16,85	738 859 520 USD	4,85	AMAT
22 *Valero Energy Corporation	20,03	31,97	248 173 232 USD	3,68	VLO
23 *Freeport-McMoRan Copper & G	19,81	22,02	635 215 936 USD	5,61	FCX
24 *Pioneer Natural Resources Co.	19,81	21,18	319 180 640 USD	4,24	PXD
25 *United Rentals Inc.	19,34	17,28	198 219 888 USD	4,32	URI
26 *Micron Technology, Inc.	19,32	16,76	1 412 316 928 USD	4,01	MU
27 *Alaska Air Group Inc.	19,02	28,32	102 503 144 USD	3,86	ALK
28 *Marathon Petroleum Corporatio	18,80	22,00	273 435 616 USD	3,59	MPC
29 *Zebra Technologies	18,80	27,07	146 191 136 USD	2,99	ZBRA
30 *Western Digital Corporation	18,79	30,16	274 504 896 USD	4,24	WDC
31 *Mohawk Industries Inc.	18,65	18,01	83 585 488 USD	3,59	MHK
32 *Southwest Airlines Co.	18,46	30,34	377 705 984 USD	3,15	LUV
33 *Ford Motor Company	18,24	9,14	781 271 424 USD	3,86	F
34 *Quanta Services Inc.	17,84	15,58	88 718 368 USD	3,14	PWR
35 *Simon Property Group Inc.	17,67	15,80	386 464 224 USD	3,99	SPG
36 *Regions Financial Corporation	17,61	17,15	151 662 720 USD	3,31	RF
37 *Halliburton Co.	17,56	19,49	222 730 480 USD	5,10	HAL
38 *Comerica Inc.	17,37	15,52	85 020 112 USD	3,50	CMA
39 *Invesco Plc	17,34	4,13	101 092 920 USD	3,31	IVZ
40 *EOG Resources Inc.	16,95	20,18	284 408 256 USD	5,18	EOG
41 *Live Nation Entertainment Inc.	16,89	28,45	184 980 336 USD	3,90	LYV
42 *Expedia Inc.	16,87	27,03	436 694 624 USD	4,25	EXPE
43 *Zions Bancorporation	16,80	17,71	71 937 064 USD	3,57	ZION
44 *General Electric Company	16,76	13,07	881 789 120 USD	3,41	GE
45 *Marriot International	16,71	22,67	316 886 208 USD	3,67	MAR
46 *Under Armour	16,70	22,91	103 336 336 USD	3,80	UAA
47 *Mosaic Company (The)	16,67	8,05	147 470 000 USD	5,96	MOS
48 *Hess Corporation	16,55	17,23	121 775 104 USD	4,46	HES
49 *News Corporation	16,48	20,23	64 386 300 USD	3,17	NWSA
50 *Delta Air Lines Inc.	16,34	19,61	542 180 032 USD	3,61	DAL
51 *Silicon Valley Bancshares	16,28	11,82	180 456 704 USD	3,76	SIVB
52 *UAL Corporation	16,27	23,81	721 784 320 USD	4,63	UAL
53 *Gap Inc.	16,17	21,00	159 286 224 USD	4,40	GPS
54 *Darden Restaurants Inc.	16,14	15,62	185 043 392 USD	3,06	DRI
55 *CBRE Group Inc	16,12	18,41	128 274 264 USD	3,15	CBRE
56 *ConocoPhillips	15,82	26,51	497 626 624 USD	4,00	COP
57 *Citizens Financial Group Inc.	15,68	16,74	147 520 880 USD	3,55	CFG
58 *Hewlett Packard Co.	15,42	16,49	220 534 368 USD	3,17	HPQ
59 *Under Armour Inc Cl C	15,37	19,97	62 844 080 USD	3,71	UA
60 *Lincoln National Corporation	15,34	17,11	89 758 448 USD	3,81	LNC
61 *Exxon Mobil Corporation	15,26	18,04	1 346 515 328 USD	3,22	XOM
62 *Hilton Inc	15,05	18,92	293 597 600 USD	3,30	HLT
63 *Fifth Third Bancorp	14,93	17,20	151 191 328 USD	2,99	FITB
64 *Schlumberger Limited	14,92	23,28	317 711 360 USD	4,58	SLB
65 *Polo Ralph Lauren Corporation	14,81	13,08	121 807 648 USD	3,50	RL
66 *Hewlett Packard Enterprise Co.	14,64	15,92	126 918 976 USD	2,79	HPE
67 *Baker Hughes A Ge Co. Cl A	14,63	18,83	137 680 880 USD	3,89	BKR
68 *Kimco Realty Corporation	14,36	4,74	76 159 304 USD	3,12	KIM
69 *Host Marriott Financial Trust	14,15	16,42	118 058 744 USD	3,90	HST
70 *KeyCorp	14,10	16,28	145 688 832 USD	3,11	KEY
71 *Phillips 66	14,03	16,24	225 297 776 USD	3,59	PSX
72 *Truist Financial Corp.	13,92	15,89	288 932 384 USD	2,87	TFC
73 *Lyondellbasell Industries NV	13,85	18,15	146 618 800 USD	3,19	LYB
74 *Seagate Technology.	13,74	9,87	229 254 672 USD	3,36	STX
75 *Interpublic Group of Companies	13,54	6,09	91 731 848 USD	3,00	IPG
76 *Capital One Financial Corp.	13,53	12,50	356 668 672 USD	3,18	COF
77 *SL Green Realty Corporation	13,39	2,40	89 419 904 USD	4,10	SLG
78 *Snap On Inc.	13,31	11,32	93 741 064 USD	2,57	SNA
79 *Phillips-Van Heusen Corporatio	13,18	12,67	98 368 424 USD	4,03	PVH
80 *Synchrony Financial	13,11	7,77	201 518 944 USD	3,37	SYF
81 *Caterpillar Inc.	13,08	17,11	588 678 912 USD	2,58	CAT

82	*MetLife Inc.	12,79	16,20	289 459 520 USD	2,54 MET
83	*Walt Disney Company	12,77	9,98	2 207 675 904 USD	3,07 DIS
84	*UnumProvident Corporation	12,77	8,93	57 261 264 USD	3,48 UNM
85	*Xerox Corp	12,69	20,08	54 625 856 USD	3,10 XRX
86	*Avery Dennison Corp	12,65	13,54	76 253 520 USD	2,68 AVY
87	*Robert Half International Inc.	12,59	20,05	77 890 592 USD	3,13 RHI
88	*Wells Fargo & Co.	12,57	17,40	1 164 728 192 USD	3,42 WFC
89	*Martin Marietta Materials Inc.	12,52	16,60	165 094 448 USD	3,04 MLM
90	*Etsy Inc.	12,51	8,82	616 557 952 USD	6,49 ETSY
91	*BorgWarner Inc.	12,46	6,11	106 336 704 USD	3,59 BWA
92	*Fortinet, Inc.	12,11	13,68	166 848 352 USD	2,75 FTNT
93	*Trimble Navigation Limited	12,11	9,63	146 566 544 USD	3,22 TRMB
94	*Ulta Salon Cosmetics & Fragra	12,08	10,83	226 203 568 USD	3,11 ULTA
95	*Iron Mountain Inc.	12,01	4,13	121 049 976 USD	3,67 IRM
96	*Nielsen Holdings Plc	11,99	-2,40	93 045 568 USD	3,27 NLSN
97	*Las Vegas Sands Corp.	11,97	27,55	358 800 416 USD	3,66 LVS
98	*Goldman Sachs Group Inc.	11,88	16,17	868 884 992 USD	2,47 GS
99	*Raymond James Financial Inc.	11,86	17,20	81 247 728 USD	2,46 RJF
100	*National-Oilwell Inc.	11,78	19,65	71 110 920 USD	4,86 NOV
101	*American International Group In	11,71	14,22	188 985 696 USD	3,08 AIG
102	*Howmet Aerospace Inc	11,69	13,53	94 914 808 USD	3,71 HWM
103	*Charles Schwab Corporation	11,64	14,85	468 995 392 USD	3,02 SCHW
104	*Regency Centers Corporation	11,64	14,89	55 676 332 USD	2,93 REG
105	*M&T Bank Corp.	11,55	9,89	118 312 296 USD	3,18 MTB
106	*Hanesbrands Inc.	11,52	14,87	86 949 816 USD	4,06 HBI
107	*CF Industries Holdings Inc.	11,39	7,30	92 659 368 USD	4,20 CF
108	*Lam Research Corporation	11,38	11,79	807 545 024 USD	4,79 LRCX
109	*Corteva Inc	11,36	12,06	146 388 064 USD	2,96 CTVA
110	*Principal Financial Group Inc	11,31	7,67	81 067 048 USD	3,30 PFG
111	*Twenty-First Century Fox, Inc	11,29	4,42	172 780 624 USD	4,22 FOXA
112	*Huntington Bancshares Inc.	11,27	13,04	175 981 744 USD	2,97 HBAN
113	*Eli Lilly and Company	11,19	-2,49	790 051 904 USD	2,39 LLY
114	*Aptiv Plc	11,14	12,31	248 038 784 USD	3,98 APTV
115	*PNC Financial Services Group	11,12	13,92	301 825 408 USD	2,55 PNC
116	*Ameriprise Financial Services	11,06	7,06	137 244 128 USD	2,58 AMP
117	*American Express Co	11,01	13,69	472 500 384 USD	2,64 AXP
118	*KLA-Tencor Corporation	11,01	6,92	311 807 552 USD	4,49 KLAC
119	*CDW Corp	10,92	16,65	118 648 488 USD	2,69 CDW
120	*Cincinnati Financial Corporation	10,89	14,29	84 236 584 USD	2,80 CINF
121	*Johnson Controls Inc.	10,81	13,07	224 354 176 USD	2,22 JCI
122	*Prudential Financial Inc.	10,79	6,81	173 957 552 USD	2,96 PRU
123	*Parker Hannifin Corporation	10,76	8,07	247 624 256 USD	3,00 PH
124	*Gartner Inc.	10,70	13,90	70 743 976 USD	2,87 IT
125	*Booking Holdings Inc.	10,59	14,47	794 002 880 USD	3,75 BKNQ
126	*LKQ Corporation	10,47	8,30	65 469 788 USD	3,18 LKQ
127	*Morgan Stanley	10,40	10,89	781 745 536 USD	2,62 MS
128	*Discover Financial Services	10,39	9,57	243 870 480 USD	3,73 DFS
129	*Nucor Corporation	10,36	18,86	125 326 816 USD	3,07 NUE
130	*Textron Inc	10,36	7,31	51 157 164 USD	3,16 TXT
131	*Vornado Realty Trust	10,34	6,55	96 067 920 USD	4,00 VNO
132	*Cummins Inc.	10,26	4,54	257 935 072 USD	2,55 CMI
133	*First Republic Bank	10,13	11,59	144 556 464 USD	2,76 FRC
134	*Eastman Chemical Co.	10,11	9,35	94 611 424 USD	2,60 EMN
135	*Omnicom Group Inc.	10,07	6,57	119 540 184 USD	2,87 OMC
136	*Skyworks Solutions Inc.	10,05	11,28	384 465 728 USD	4,41 SWKS
137	*Estee Lauder Companies Inc.	9,99	16,64	348 409 408 USD	2,66 EL
138	*Laboratory Corporation of Ameri	9,98	9,15	162 640 544 USD	3,18 LH
139	*Idexx Laboratories Inc.	9,83	7,86	213 268 272 USD	3,59 IDXX
140	*Bank of America Corporation	9,75	14,48	1 605 006 464 USD	2,52 BAC
141	*Ventas Inc.	9,65	12,10	100 285 008 USD	3,18 VTR
142	*HCA Holdings, Inc.	9,63	5,02	245 336 112 USD	2,64 HCA
143	*Broadcom Inc.	9,60	4,01	775 510 720 USD	2,94 AVGO
144	*Fox Corp Cl B	9,54	4,28	50 455 896 USD	3,96 FOX
145	*Align Technology Inc.	9,51	5,69	292 645 600 USD	3,94 ALGN
146	*J.P. Morgan Chase & Co.	9,50	13,11	1 813 191 680 USD	2,15 JPM
147	*Dow Inc	9,50	9,07	223 230 736 USD	3,10 DOW
148	*Citigroup Inc.	9,45	9,18	1 263 586 432 USD	2,76 C
149	*Extra Space Storage Inc.	9,41	10,96	97 332 232 USD	2,71 EXR
150	*Federal Realty Investment Trust	9,41	15,52	70 967 872 USD	3,10 FRT
151	*Sysco Corporation	9,40	7,39	199 115 200 USD	2,74 SYY
152	*Centurylink	9,36	3,19	163 968 304 USD	4,54 LUMN
153	*Internationa Flavors & Fragranc	9,35	17,81	686 614 144 USD	3,49 IFF
154	*Emerson Electric Co.	9,32	5,94	226 450 080 USD	2,21 EMR
155	*Illumina Inc.	9,32	0,27	463 012 288 USD	4,50 ILMN
156	*Chevron Corp.	9,19	12,33	947 396 672 USD	2,84 CVX
157	*Celanese Corporation	8,99	14,16	114 639 888 USD	2,68 CE
158	*Vulcan Materials Co.	8,79	12,10	121 297 776 USD	3,03 VMC
159	*General Motors Company	8,77	0,57	1 057 420 480 USD	3,72 GM
160	*Cadence Design Systems Inc.	8,55	6,12	205 524 032 USD	3,36 CDNS
161	*Oneok Inc.	8,52	5,18	131 316 128 USD	3,86 OKE
162	*Alphabet Cl A	8,49	9,33	2 940 189 952 USD	2,58 GOOG
163	*Intel Corporation	8,49	8,42	2 144 504 960 USD	3,38 INTC

164	*Chubb Corporation	8,42	10,50	254 021 392 USD	2,24	CB
165	*Qorvo Inc.	8,34	2,90	239 775 408 USD	4,23	QRVO
166	*Weyerhaeuser Co.	8,33	2,57	148 769 296 USD	3,08	WY
167	*Eaton Corporation	8,30	10,06	250 641 056 USD	2,46	ETN
168	*U.S. Bancorp	8,09	14,23	330 205 568 USD	2,62	USB
169	*Jacobs Engineering Group Inc	8,08	9,99	71 875 256 USD	2,65	J
170	*Alphabet Cl A	8,07	9,10	3 238 455 552 USD	2,64	GOOGL
171	*Hartford Financial Services Groi	7,91	3,47	107 213 520 USD	2,68	HIG
172	*Aon Plc	7,88	10,24	349 490 528 USD	2,15	AON
173	*Trane Technologies Plc	7,88	7,31	184 653 984 USD	2,46	TT
174	*FLIR Systems Inc.	7,87	0,98	114 157 424 USD	1,89	FLIR
175	*Archer Daniels Midland Co.	7,85	10,92	130 856 416 USD	1,98	ADM
176	*Iqvia Holdings Inc	7,84	7,91	187 408 912 USD	2,51	IQV
177	*Aflac Inc.	7,80	3,84	173 422 400 USD	2,20	AFL
178	*Tyco Electronics Ltd.	7,69	8,49	223 846 192 USD	2,65	TEL
179	*Loews Corporation	7,67	3,84	41 391 800 USD	2,27	L
180	*Tyler Technologies	7,65	7,77	119 537 936 USD	2,70	TYL
181	*CarMax Group	7,55	-1,47	167 935 488 USD	2,95	KMX
182	*T. Rowe Price Group Inc.	7,54	-0,18	171 476 624 USD	2,44	TROW
183	*Welltower Inc.	7,53	9,91	161 514 208 USD	3,34	WELL
184	*Lamb Weston Holdings Inc	7,44	3,72	58 886 820 USD	2,98	LW
185	*Smith [A.O.] Corp	7,43	4,32	66 108 192 USD	2,81	AOS
186	*CME Group Inc.	7,38	9,44	326 480 576 USD	2,56	CME
187	*Kansas City Southern	7,36	2,10	156 793 600 USD	2,76	KSU
188	*Travelers Companies Inc	7,29	3,93	187 017 856 USD	1,93	TRV
189	*Cooper Companies Inc.	7,16	5,88	91 981 488 USD	2,02	COO
190	*Starbucks Corporation	7,10	10,07	620 859 584 USD	2,45	SBUX
191	*Microchip Technology Incorpora	7,05	10,08	306 956 160 USD	4,12	MCHP
192	*Zimmer Biomet Holdings Inc.	6,99	3,84	180 561 024 USD	2,50	ZBH
193	*Kraft Heinz Company	6,99	7,13	232 849 792 USD	2,98	KHC
194	*Williams Companies Inc	6,90	6,43	205 346 928 USD	2,98	WMB
195	*Waters Corporation	6,77	2,75	93 566 744 USD	2,20	WAT
196	*Comcast Corp. Cl.A	6,77	2,17	869 682 432 USD	2,22	CMCSA
197	*Old Dominion Freight Line Inc.	6,75	7,91	137 087 104 USD	2,86	ODFL
198	*Ingersoll-Rand Company	6,65	8,68	88 798 848 USD	3,25	IR
199	*WestRock Company	6,65	7,10	82 395 680 USD	3,17	WRK
200	*DexCom, Inc.	6,59	8,42	350 193 024 USD	3,61	DXCM
201	*Corning Inc.	6,55	4,94	160 886 560 USD	2,62	GLW
202	*Franklin Resources Inc.	6,48	-5,63	89 344 936 USD	3,30	BEN
203	*Boston Properties Inc	6,46	7,84	113 103 000 USD	3,10	BXP
204	*Genuine Parts Company	6,45	8,66	82 271 184 USD	2,51	GPC
205	*Enphase Energy Inc	6,42	-9,13	662 188 992 USD	8,57	ENPH
206	*Alexion Pharmaceuticals Inc.	6,35	-2,89	469 533 728 USD	1,49	ALXN
207	*Texas Instruments Inc.	6,29	1,80	750 992 320 USD	2,90	TXN
208	*Maxim Integrated Products, Inc.	6,06	4,69	175 836 208 USD	3,24	MXIM
209	*Mastercard Incorporated	6,02	9,12	1 409 687 552 USD	2,95	MA
210	*FirstEnergy Corp	6,01	7,39	162 146 000 USD	2,84	FE
211	*Norfolk Souther Corporation	5,98	4,25	279 587 136 USD	2,47	NSC
212	*Pentair Inc.	5,93	-0,09	57 738 480 USD	2,74	PNR
213	*Aes Corporation	5,93	8,19	163 841 840 USD	3,88	AES
214	*Analog Devices Inc	5,93	4,43	403 369 920 USD	3,15	ADI
215	*Equity Residential	5,91	4,89	157 825 104 USD	2,54	EQR
216	*FleetCor Technologies, Inc.	5,72	10,01	173 283 040 USD	2,92	FLT
217	*Walgreens Boots Alliance, Inc.	5,63	-5,43	313 748 960 USD	2,79	WBA
218	*Intuit Inc.	5,61	5,46	526 046 688 USD	3,29	INTU
219	*International Paper Co.	5,60	-1,00	141 308 512 USD	2,63	IP
220	*Flowserve Corporation	5,60	-1,02	32 914 476 USD	3,86	FLS
221	*PayPal Holdings, Inc.	5,55	9,28	2 202 352 896 USD	4,47	PYPL
222	*Fiserv Inc.	5,51	9,62	522 447 552 USD	2,89	FISV
223	*Csx Corporation	5,50	5,59	356 942 656 USD	2,24	CSX
224	*Stryker Corporation	5,47	5,52	275 411 904 USD	2,17	SYK
225	*Automatic Data Processing, Inc.	5,44	4,36	303 527 168 USD	2,27	ADP
226	*Raytheon Technologies Corp	5,43	5,60	510 246 016 USD	2,90	RTX
227	*United Dominion Realty Trust	5,42	5,78	69 776 984 USD	2,53	UDR
228	*General Dynamics Corporation	5,40	8,67	224 427 680 USD	2,03	GD
229	*Ross Stores Inc.	5,39	2,50	197 193 136 USD	2,89	ROST
230	*WR Berkley Corp	5,37	9,60	53 851 644 USD	2,16	WRB
231	*Everest Re Group Ltd.	5,31	11,38	54 902 248 USD	2,68	RE
232	*Boston Scientific Corporation	5,13	6,71	435 631 296 USD	2,36	BSX
233	*Albemarle Corporation	5,12	-5,51	300 824 480 USD	5,66	ALB
234	*Oracle Corporation	5,04	5,37	694 212 800 USD	2,07	ORCL
235	*Willis Towers Watson Public Lt	5,03	6,95	224 466 560 USD	2,30	WLTV
236	*Tractor Supply Company	4,95	6,37	190 537 936 USD	3,28	TSCO
237	*TJX Companies Inc.	4,90	0,76	445 671 232 USD	2,95	TJX
238	*Catalent, Inc.	4,84	-1,03	120 102 608 USD	3,27	CTLT
239	*Public Storage	4,83	2,83	199 767 456 USD	2,25	PSA
240	*Transdigm Group Incorporated	4,68	3,77	165 192 464 USD	3,27	TDG
241	*Garmin Ltd.	4,54	5,58	90 011 688 USD	2,27	GRMN
242	*Network Appliance Inc.	4,51	-7,12	143 078 384 USD	4,11	NTAP
243	*Teradyne Inc.	4,35	7,23	229 536 608 USD	4,78	TER
244	*J.B. Hunt Transport Services In	4,32	7,38	91 330 400 USD	2,50	JBHT
245	*AvalonBay Communities Inc.	4,29	5,86	156 799 616 USD	2,25	AVB

246	*Huntington Ingalls Industries, Inc	4,29	8,62	66 744 484 USD	3,00	HII
247	*Berkshire Hathaway Inc.	4,28	4,14	1 219 695 872 USD	1,62	BRK.B
248	*Xylem Inc.	4,26	0,47	108 547 456 USD	2,59	XYL
249	*NVR Inc	4,20	-0,38	109 271 360 USD	2,70	NVR
250	*NVIDIA Corporation	4,15	5,08	4 062 438 400 USD	4,18	NVDA
251	*Mid America Apartment Commu	4,15	1,46	86 286 240 USD	2,04	MAA
252	*Honeywell International Inc.	4,14	-0,24	553 845 440 USD	1,93	HON
253	*Abbott Laboratories	4,12	-0,51	571 657 152 USD	2,13	ABT
254	*Keysight Technologies Inc.	4,11	-2,68	204 525 808 USD	3,06	KEYS
255	*Medtronic Inc.	4,11	1,92	516 042 976 USD	2,15	MDT
256	*Abbvie Inc.	4,10	3,39	768 828 608 USD	2,29	ABBV
257	*Abiomed Inc.	3,95	-8,61	105 477 144 USD	3,70	ABMD
258	*Netflix Inc.	3,91	0,05	2 467 818 752 USD	3,16	NFLX
259	*Altria Group	3,88	2,23	385 464 224 USD	1,82	MO
260	*Tyson Foods Inc.	3,85	4,17	156 435 088 USD	2,56	TSN
261	*Globe Life Inc	3,83	0,69	42 051 812 USD	2,38	GL
262	*Visa	3,76	7,15	1 992 965 632 USD	2,53	V
263	*Northern Trust Corporation	3,69	4,32	88 521 232 USD	2,58	NTRS
264	*D.R. Horton Inc.	3,68	0,09	231 345 536 USD	3,80	DHI
265	*Activision Blizzard Inc.	3,68	5,92	559 307 968 USD	2,65	ATVI
266	*Essex Property Trust Inc.	3,64	4,69	112 120 920 USD	2,36	ESS
267	*Arthur J. Gallagher & Co.	3,53	3,71	97 383 784 USD	1,95	AJG
268	*Paychex Inc.	3,53	2,22	163 134 672 USD	2,25	PAYX
269	*Bank of New York Mellon Corp.	3,44	3,61	244 675 328 USD	2,76	BK
270	*Global Payments Inc.	3,43	8,64	351 849 152 USD	2,97	GPN
271	*Motorola Solutions, Inc.	3,40	3,33	144 849 936 USD	2,01	MSI
272	*Boeing Company	3,35	7,49	3 258 587 136 USD	3,89	BA
273	*Philip Morris Intl	3,21	3,37	434 366 304 USD	2,02	PM
274	*Dover Corp	3,20	4,46	93 784 200 USD	2,09	DOV
275	*Chipotle Mexican Grill Inc.	3,10	-2,60	395 400 960 USD	2,88	CMG
276	*Nasdaq Stock Market Inc. (The	3,10	-0,53	122 506 488 USD	2,11	NDAQ
277	*Ametek Inc.	3,05	2,78	111 680 584 USD	2,33	AME
278	*Allstate Corporation	2,98	-2,47	192 956 640 USD	2,08	ALL
279	*Advance Auto Parts Inc.	2,94	4,57	170 174 256 USD	3,24	AAP
280	*Agilent	2,93	0,42	206 895 552 USD	2,55	A
281	*CBOE Global Markets Inc	2,85	3,85	66 601 652 USD	2,18	CBOE
282	*Ilex Corporation	2,82	3,38	79 641 936 USD	2,27	IEX
283	*Teleflex Inc.	2,78	4,36	77 805 456 USD	2,46	TFX
284	*Cabot Oil & Gas Corporation	2,69	0,71	108 472 608 USD	4,31	COG
285	*Dxc Technology Company	2,57	-13,75	82 428 584 USD	4,37	DXC
286	*MarketAxess Holdings Inc	2,54	3,61	162 693 808 USD	3,07	MKTX
287	*Microsoft Corporation	2,54	-2,74	6 535 389 184 USD	2,20	MSFT
288	*Western Union Company	2,50	1,26	103 002 096 USD	2,46	WU
289	*Citrix Systems Inc.	2,46	-2,07	201 882 976 USD	2,74	CTXS
290	*Kinder Morgan, Inc.	2,43	0,07	266 718 128 USD	3,03	KMI
291	*Leggett & Platt Inc.	2,34	2,17	43 890 456 USD	2,93	LEG
292	*IHS Markit Ltd	2,27	2,69	304 350 400 USD	2,17	INFO
293	*3M Company	2,26	-4,56	470 954 816 USD	1,97	MMM
294	*Marsh & McLennan Companies I	2,24	5,87	197 396 352 USD	1,85	MMC
295	*eBay Inc.	2,19	-0,04	423 432 544 USD	3,29	EBAY
296	*ServiceNow, Inc.	2,19	-3,75	738 367 680 USD	3,46	NOW
297	*Hasbro Inc.	2,17	-1,50	88 403 048 USD	2,93	HAS
298	*Accenture PLC	2,11	0,63	500 582 688 USD	2,04	ACN
299	*Lennar Corporation	2,10	-1,59	231 024 608 USD	3,95	LEN
300	*MSCI Inc Class A	2,09	4,88	200 665 952 USD	3,20	MSCI
301	*Union Pacific Corporation	2,01	2,32	567 768 192 USD	2,33	UNP
302	*State Street Corp.	1,98	1,59	210 684 976 USD	3,35	STT
303	*Cigna Corp	1,96	-4,06	388 644 256 USD	2,84	CI
304	*Constellation Brands Inc.	1,95	-1,25	258 829 744 USD	2,71	STZ
305	*Varian Medical Systems Inc.	1,94	-0,07	122 727 048 USD	0,27	VAR
306	*Universal Health Services Inc.	1,94	-1,96	74 684 280 USD	3,13	UHS
307	*Packaging Corporation of Ameri	1,92	0,24	87 370 112 USD	2,02	PKG
308	*Biogen Idec Inc	1,92	1,87	337 842 464 USD	3,07	BIIB
309	*F5 Networks Inc.	1,92	-5,65	138 273 296 USD	3,00	FFIV
310	*Target Corporation	1,87	-0,08	639 971 776 USD	2,31	TGT
311	*Stanley Black & Decker, Inc.	1,75	-2,88	214 961 312 USD	2,37	SWK
312	*Newell Rubbermaid Inc.	1,68	-5,35	74 581 048 USD	3,00	NWL
313	*Illinois Tool Works Inc.	1,66	2,48	214 617 808 USD	1,86	ITW
314	*IPG Photonics Corporation	1,63	-0,14	56 991 716 USD	4,13	IPGP
315	*Yum! Brands Inc.	1,52	0,98	180 426 848 USD	1,89	YUM
316	*Tesla Motors, Inc.	1,50	-19,14	30 229 399 552 USD	6,39	TSLA
317	*Cisco Systems Inc.	1,26	-1,04	892 412 160 USD	2,03	CSCO
318	*Johnson & Johnson	1,20	-6,33	1 299 400 448 USD	1,81	JNJ
319	*Intercontinentalexchange Inc.	1,15	-2,04	276 338 496 USD	2,07	ICE
320	*BlackRock Inc.	1,07	-3,53	497 644 672 USD	2,32	BLK
321	*Paccar Inc.	1,05	-2,74	161 921 872 USD	3,05	PCAR
322	*Healthpeak Properties Inc.	1,05	-3,07	100 788 168 USD	2,90	PEAK
323	*FedEx Corporation	1,01	4,82	754 125 248 USD	2,64	FDX
324	*Fidelity National Information Ser	0,98	10,12	600 894 592 USD	2,73	FIS
325	*Expeditors International of Wasl	0,95	-1,25	101 905 088 USD	2,33	EXPD
326	*Monster Beverage Cp	0,86	-1,12	175 480 592 USD	2,59	MNST
327	*Nike Inc.	0,84	0,04	793 197 184 USD	2,60	NKE

328	*Carrier Global Corp	0,67	-4,37	193 493 712 USD	3,15 CARR
329	*Teledyne Technologies Inc	0,65	0,83	117 674 448 USD	3,18 TDY
330	*S&P Global, Inc.	0,38	3,26	610 114 048 USD	2,20 SPGI
331	*Whirlpool Corporation	0,30	-2,32	145 692 256 USD	3,35 WHR
332	*Duke Realty Corporation	0,24	-0,58	72 411 504 USD	2,08 DRE
333	*Moody's Corporation	0,23	1,78	219 947 088 USD	2,23 MCO
334	*AmerisourceBergen Corporator	0,18	-5,31	119 661 408 USD	2,87 ABC
335	*PulteGroup Inc.	0,13	1,21	139 356 512 USD	4,01 PHM
336	*Mylan Inc.	-0,01	2,82	95 276 016 USD	3,91 MYL
337	*Amphenol Corporation	-0,02	-0,92	174 641 856 USD	2,39 APH
338	*L3Harris Technologies Inc	-0,03	2,97	243 111 312 USD	2,40 LHX
339	*O'Reilly Automotive Inc.	-0,04	3,47	291 594 720 USD	2,57 ORLY
340	*Otis Worldwide Corp	-0,09	-0,19	161 397 104 USD	2,34 OTIS
341	*Anthem, Inc.	-0,10	0,89	388 535 360 USD	2,92 ANTM
342	*Realty Income Corporation	-0,23	-1,13	179 103 408 USD	2,11 O
343	*Rockwell Automation Inc.	-0,28	-3,15	173 640 816 USD	2,53 ROK
344	*Ecolab Inc	-0,36	-0,82	194 757 264 USD	2,37 ECL
345	*Edwards Lifesciences Corp	-0,38	-0,34	213 978 144 USD	2,44 EW
346	*Fastenal Company	-0,40	-0,60	146 955 280 USD	2,29 FAST
347	*Bio-Rad Laboratories Inc	-0,41	3,19	145 757 888 USD	3,47 BIO
348	*Dentsply International Inc.	-0,42	-4,10	72 750 672 USD	2,83 XRAY
349	*Ammcor Plc	-0,46	-2,15	66 362 168 USD	2,65 AMCR
350	*Autodesk Inc.	-0,47	-2,89	413 990 624 USD	3,91 ADSK
351	*Bristol Myers Squibb Co.	-0,51	-1,54	740 107 392 USD	2,22 BMY
352	*Broadridge Financial Solutions I	-0,51	-1,62	93 092 344 USD	2,22 BR
353	*United Parcel Service Inc.	-0,55	0,36	603 326 656 USD	2,17 UPS
354	*Linde Plc	-0,63	-2,11	458 812 736 USD	2,09 LIN
355	*Synopsys Inc.	-0,71	-5,38	210 952 768 USD	3,87 SNPS
356	*Du Pont De Nemours Inc.	-0,72	-13,31	977 062 272 USD	3,55 DD
357	*Cognizant Technology Solutions	-0,73	-6,87	224 286 512 USD	2,56 CTSH
358	*DTE Energy Co.	-0,76	-2,79	118 898 456 USD	2,07 DTE
359	*V.F. Corporation	-0,76	-0,30	175 519 856 USD	2,57 VFC
360	*Fortune Brands Home & Securit	-0,84	-4,84	82 701 840 USD	3,19 FBHS
361	*Mettler Toledo International Inc.	-0,84	-4,68	148 201 968 USD	2,60 MTD
362	*McKesson Corporation	-0,92	-5,89	178 555 984 USD	2,59 MCK
363	*Hologic Inc.	-0,92	-4,87	151 325 264 USD	4,03 HOLX
364	*West Pharmaceutical Services,	-0,99	-6,11	143 709 968 USD	2,86 WST
365	*UnitedHealth Group Inc.	-1,02	-1,75	1 115 136 128 USD	2,21 UNH
366	*Dish Network Corp	-1,03	5,28	169 013 072 USD	4,17 DISH
367	*AutoZone Inc	-1,08	1,16	320 046 304 USD	2,65 AZO
368	*Electronic Arts Inc.	-1,09	-6,32	415 243 328 USD	3,04 EA
369	*Anaplan Inc	-1,13	-4,71	132 809 832 USD	6,33 PLAN
370	*Amazon.com Inc.	-1,14	-4,47	11 862 445 056 USD	2,55 AMZN
371	*Crown Castle International Corp	-1,14	-1,51	381 122 752 USD	2,22 CCI
372	*C.H. Robinson Worldwide Inc.	-1,14	2,09	105 598 112 USD	2,50 CHRW
373	*Ansys Inc	-1,17	-6,03	155 267 024 USD	4,10 ANSS
374	*Grainger W W Inc.	-1,24	0,22	127 975 216 USD	2,39 GWW
375	*PPG Industries Inc.	-1,25	-3,10	192 061 040 USD	2,21 PPG
376	*Hershey Foods Corporation	-1,26	-1,73	136 160 400 USD	1,87 HSY
377	*Sealed Air Corporation	-1,30	-3,57	49 229 436 USD	3,11 SEE
378	*Cintas Corporation	-1,32	-0,02	161 389 520 USD	2,53 CTAS
379	*Coca-Cola Company	-1,41	-0,33	903 756 480 USD	1,71 KO
380	*Charter Communications Inc.	-1,45	-6,30	746 308 672 USD	2,95 CHTR
381	*Vontier Corp	-1,47	-4,24	85 527 312 USD	3,96 VNT
382	*Prologis	-1,49	-4,19	281 006 816 USD	2,15 PLD
383	*Arista Networks, Inc	-1,53	-9,55	181 331 376 USD	3,47 ANET
384	*Danaher Corp	-1,66	-3,89	571 495 744 USD	2,44 DHR
385	*Baxter International Inc.	-1,66	0,70	228 301 392 USD	2,05 BAX
386	*Mcdonalds Corporation	-1,70	-0,33	686 052 032 USD	1,81 MCD
387	*Take-Two Interactive Software	-1,72	-7,91	292 118 720 USD	3,35 TTWO
388	*Hormel Foods Corporation	-1,77	-3,32	126 016 712 USD	2,53 HRL
389	*Juniper Networks, Inc.	-1,80	-10,84	112 906 680 USD	2,73 JNPR
390	*Sherwin Williams Co.	-1,80	-4,45	343 856 096 USD	2,35 SHW
391	*Evergy Inc	-1,91	-0,39	107 984 608 USD	2,45 EVRG
392	*Intuitive Surgical Inc.	-1,91	-3,73	455 653 696 USD	2,71 ISRG
393	*Advanced Micro Devices Inc	-1,96	-3,44	3 927 419 648 USD	4,04 AMD
394	*ConAgra Foods Inc.	-1,97	-2,22	132 638 872 USD	2,33 CAG
395	*Facebook Inc.	-1,97	-2,78	5 094 495 232 USD	3,19 FB
396	*Zoetis Inc.	-2,00	-0,82	290 062 656 USD	2,45 ZTS
397	*IBM Corporation	-2,04	-0,96	796 353 984 USD	2,00 IBM
398	*Apple Inc.	-2,06	-11,55	13 903 112 192 USD	3,16 AAPL
399	*Ball Corporation	-2,08	-3,25	152 135 712 USD	2,18 BLL
400	*Masco Corporation	-2,10	-3,27	119 703 368 USD	2,61 MAS
401	*T-Mobile US Inc.	-2,19	-6,10	530 597 120 USD	2,78 TMUS
402	*NRG Energy Inc.	-2,19	-11,43	102 548 656 USD	4,34 NRG
403	*Xilinx Inc.	-2,20	-2,45	359 489 920 USD	4,17 XLNX
404	*Gilead Sciences Inc.	-2,21	-5,07	565 068 800 USD	2,38 GILD
405	*Adobe Systems Inc.	-2,24	-1,29	1 261 023 872 USD	2,74 ADBE
406	*Kroger Co.	-2,28	-8,96	394 245 184 USD	3,22 KR
407	*Allegion Plc	-2,33	-1,54	77 337 984 USD	2,65 ALLE
408	*Molson Coors Brewing Compar	-2,36	-14,49	113 002 200 USD	3,68 TAP
409	*J. M. Smucker Company	-2,52	-5,29	130 135 984 USD	2,88 SJM

410	*ResMed Inc.	-2,53	-10,72	119 192 760 USD	2,60 RMD
411	*Becton Dickinson and Compan	-2,54	-5,88	342 351 808 USD	2,16 BDX
412	*Wabtec Corporate	-2,61	-3,25	90 589 584 USD	3,63 WAB
413	*Lowe's Companies Inc.	-2,62	-7,31	734 547 136 USD	2,72 LOW
414	*Cardinal Health Inc.	-2,63	-7,29	105 469 016 USD	2,39 CAH
415	*Waste Management Inc.	-2,68	-1,09	200 300 192 USD	1,83 WM
416	*Verizon Communications	-2,71	-0,13	1 074 932 352 USD	1,82 VZ
417	*At&T Corp.	-2,90	-3,16	1 288 450 048 USD	1,93 T
418	*Cvs Corporation	-2,97	-6,17	512 196 992 USD	2,39 CVS
419	*Assurant Inc	-2,99	-7,70	62 106 732 USD	2,72 AIZ
420	*Brown Forman Inc Cl B	-3,07	-3,44	67 550 800 USD	2,27 BF.B
421	*Pool Corp.	-3,16	-7,69	129 187 224 USD	3,41 POOL
422	*Qualcomm Incorporated	-3,16	-12,45	1 461 927 680 USD	3,47 QCOM
423	*Fortive Corporation	-3,25	-1,45	151 776 208 USD	2,52 FTV
424	*Southern Company	-3,31	-3,93	221 166 592 USD	1,91 SO
425	*Alexandria Real Estate Equities	-3,31	-4,57	163 128 688 USD	1,96 ARE
426	*Thermo Electron Corp	-3,45	-9,35	824 583 296 USD	2,84 TMO
427	*Public Service Enterprise Group	-3,49	-5,64	125 869 160 USD	2,41 PEG
428	*Duke Energy Corporation	-3,52	-6,44	262 720 512 USD	2,20 DUK
429	*Northrop Grumman Corporation	-3,53	-0,47	335 829 536 USD	2,22 NOC
430	*Home Depot Inc.	-3,55	-7,09	1 162 868 352 USD	2,45 HD
431	*Digital Realty Trust Inc.	-3,57	-7,00	248 883 168 USD	2,58 DLR
432	*NextEra Energy, Inc.	-3,63	-10,89	625 152 832 USD	2,71 NEE
433	*Salesforce.com Inc.	-3,67	-4,42	2 122 783 616 USD	3,17 CRM
434	*Dollar Tree Stores Inc.	-3,74	-4,54	208 597 808 USD	2,70 DLTR
435	*Nortonlifelock Inc.	-3,90	-8,40	125 002 920 USD	3,25 NLOK
436	*VeriSign Inc.	-3,95	-1,41	126 033 912 USD	2,67 VRSN
437	*Colgate-Palmolive Co.	-4,03	-4,99	330 035 072 USD	1,57 CL
438	*Campbell Soup Company	-4,03	-6,71	112 425 192 USD	2,44 CPB
439	*Copart Inc.	-4,11	-0,69	143 283 968 USD	3,04 CPRT
440	*Kellogg Company	-4,16	-4,09	189 697 920 USD	2,37 K
441	*PP&L Corporation	-4,18	-6,90	127 413 672 USD	2,00 PPL
442	*Amgen Inc.	-4,21	-9,21	584 523 072 USD	2,34 AMGN
443	*Steris Corporation.	-4,22	-8,57	96 736 968 USD	2,44 STE
444	*Quest Diagnostics Incorporated	-4,25	-6,57	164 630 080 USD	2,94 DGX
445	*Republic Services Inc.	-4,26	-3,04	125 340 848 USD	1,88 RSG
446	*Air Products and Chemicals Inc	-4,34	-7,34	353 782 368 USD	2,52 APD
447	*Progressive Corporation.	-4,39	-2,87	270 888 896 USD	2,45 PGR
448	*Lockheed Martin	-4,41	0,71	635 525 760 USD	2,15 LMT
449	*Davita Inc.	-4,52	-13,37	89 077 656 USD	3,05 DVA
450	*Mondelez International Inc. Cl A	-4,54	-6,93	398 809 472 USD	1,85 MDLZ
451	*Humana Inc.	-4,55	-2,60	424 055 904 USD	2,62 HUM
452	*American Tower Corporation	-4,66	-5,33	511 902 336 USD	2,40 AMT
453	*General Mills Inc.	-4,67	-7,33	241 199 264 USD	2,24 GIS
454	*NiSource Inc.	-4,69	-2,57	66 842 940 USD	2,59 NI
455	*Kimberly Clark Corp	-4,82	-5,05	269 702 144 USD	1,78 KMB
456	*Dollar General Corporation	-4,97	-5,05	457 094 496 USD	2,12 DG
457	*Exelon Corporation	-5,00	-8,18	199 041 808 USD	2,66 EXC
458	*Centene Corporation	-5,08	-3,67	235 836 304 USD	2,82 CNC
459	*Sempra Energy	-5,17	-6,99	209 635 728 USD	2,40 SRE
460	*Jack Henry & Associates Inc.	-5,17	-0,26	99 379 848 USD	3,25 JKHY
461	*Paycom Software, Inc.	-5,43	-3,24	176 667 792 USD	4,69 PAYC
462	*Cerner Corporation	-5,44	-14,28	152 151 024 USD	2,37 CERN
463	*American Water Works Co.	-5,47	-11,21	139 267 504 USD	2,60 AWK
464	*Best Buy Co. Inc.	-5,50	-10,65	325 444 832 USD	3,68 BBY
465	*Pepsico Inc.	-5,55	-7,18	635 762 752 USD	1,81 PEP
466	*Procter & Gamble Co.	-5,62	-5,24	1 001 805 888 USD	1,81 PG
467	*Vertex Pharmaceuticals Incorpo	-5,70	-7,60	432 738 880 USD	2,97 VRTX
468	*Roper Industries Inc.	-5,79	-10,69	237 364 192 USD	2,71 ROP
469	*Merck & Co Inc.	-6,08	-6,80	791 508 160 USD	1,87 MRK
470	*Henry Schein Inc.	-6,28	-8,71	64 555 324 USD	3,50 HSC
471	*Equifax Inc.	-6,29	-10,63	133 391 352 USD	2,92 EFX
472	*Costco Wholesale Corporation	-6,31	-7,30	918 295 040 USD	1,69 COST
473	*FMC Corporation	-6,35	-6,73	94 044 104 USD	2,81 FMC
474	*Church & Dwight Co Inc.	-6,50	-9,39	115 399 816 USD	2,21 CHD
475	*Pfizer Inc.	-6,51	-6,61	1 546 558 592 USD	1,61 PFE
476	*Edision International	-6,57	-8,32	106 482 080 USD	2,39 EIX
477	*Wal Mart Stores Inc	-6,67	-9,62	1 216 667 136 USD	1,98 WMT
478	*Eversource Energy	-6,71	-10,84	131 979 232 USD	2,58 ES
479	*SBA Communications Corporati	-6,81	-5,46	197 094 608 USD	2,64 SBAC
480	*CenterPoint Energy Inc.	-7,27	-9,92	103 296 712 USD	3,45 CNP
481	*Ameren Corporation	-7,46	-4,92	118 395 992 USD	2,36 AEE
482	*Newmont Mining Corporation	-7,46	-8,96	379 716 480 USD	3,15 NEM
483	*PerkinElmer Inc.	-7,49	-12,89	134 480 032 USD	3,76 PKI
484	*Atmos Energy Corporation	-7,56	-4,47	95 974 552 USD	2,68 ATO
485	*Clorox Company	-7,59	-13,61	331 478 912 USD	2,79 CLX
486	*Domino's Pizza Inc	-7,67	-6,75	216 472 080 USD	2,80 DPZ
487	*Consolidated Edison Inc.	-7,70	-6,49	200 936 528 USD	2,11 ED
488	*American Electric Power Compe	-7,71	-7,09	243 324 304 USD	2,45 AEP
489	*Equinix Inc.	-7,77	-12,18	379 587 136 USD	3,05 EQIX
490	*Alliant Energy Corp	-7,85	-5,72	60 660 236 USD	2,53 LNT
491	*Cms Energy Corp.	-7,94	-5,48	106 576 112 USD	2,38 CMS

492	*Dominion Resources Inc.	-8,05	-5,99	313 770 240 USD	2,09 D
493	*Wisconsin Energy Corporation	-8,19	-9,90	117 938 408 USD	2,51 WEC
494	*Akamai Technologies Inc.	-8,38	-16,21	214 232 720 USD	3,71 AKAM
495	*Regeneron Pharmaceuticals Inc.	-8,56	-11,00	514 211 936 USD	3,02 REGN
496	*Xcel Energy Inc	-8,84	-7,94	157 212 528 USD	2,54 XEL
497	*Pinnacle West Capital Corporation	-9,15	-8,80	66 710 448 USD	2,63 PNW
498	*Incyte Corporation	-9,47	-13,82	104 951 856 USD	3,89 INCY
499	*Leidos Holdings Inc.	-9,77	-18,52	91 967 464 USD	3,70 LDOS
500	*Perrigo Company	-9,96	-7,62	59 258 584 USD	3,34 PRGO
501	*Entergy Corporation	-9,99	-9,45	138 575 280 USD	2,51 ETR
502	*Verisk Analytics, Inc.	-10,07	-12,11	157 815 728 USD	2,84 VRSK
503	*FMC Technologies Inc.	-11,97	-24,93	114 819 896 USD	8,61 FTI
	średnia	4,98	4,13	243 396 133 576 USD	3,04 ROL
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