

	SR1	roc20	mav	atr14 %	ticker
1 *Viacomcbs Inc Cl B	41,85	55,29	1 021 746 048 USD	5,33	VIAC
2 *Discovery Comm A	41,33	52,14	449 666 592 USD	4,55	DISCA
3 *Discovery Comm Inc	36,86	54,21	272 504 096 USD	3,82	DISCK
4 *American Airlines Group Inc.	30,82	33,67	1 063 673 152 USD	5,29	AAL
5 *Hartford Financial Services Gro	25,60	35,74	138 043 664 USD	3,26	HIG
6 *Limited Brands Inc.	25,25	20,29	205 625 440 USD	3,94	LB
7 *Carnival Corporation	24,96	17,77	970 301 824 USD	6,07	CCL
8 *UAL Corporation	24,38	26,53	749 335 360 USD	4,77	UAL
9 *Tapestry Inc	23,85	13,25	169 566 688 USD	3,56	TPR
10 *mgm Resorts International	23,77	9,91	329 421 408 USD	4,43	MGM
11 *Gap Inc.	23,04	28,32	173 911 792 USD	4,18	GPS
12 *Mosaic Company (The)	22,48	14,55	163 108 416 USD	4,91	MOS
13 *Twenty-First Century Fox, Inc	22,37	27,06	195 132 720 USD	4,07	FOXA
14 *Diamondback Energy, Inc	22,35	15,62	209 798 848 USD	6,23	FANG
15 *Invesco Plc	21,76	13,26	107 049 584 USD	3,52	IVZ
16 *News Corporation	21,73	21,33	76 170 744 USD	3,10	NWSA
17 *Alaska Air Group Inc.	21,08	13,65	110 563 880 USD	4,30	ALK
18 *Expedia Inc.	20,77	13,25	495 762 336 USD	3,88	EXPE
19 *Ford Motor Company	20,69	10,79	898 052 608 USD	4,04	F
20 *Fox Corp Cl B	20,58	24,65	56 037 424 USD	3,91	FOX
21 *United Rentals Inc.	20,13	8,96	204 289 136 USD	3,96	URI
22 *Under Armour	20,11	2,72	112 019 416 USD	3,80	UA
23 *Hanesbrands Inc.	19,92	16,46	91 730 144 USD	3,52	HBI
24 *Nielsen Holdings Plc	19,87	12,19	101 407 736 USD	3,01	NLSN
25 *Occidental Petroleum Corporati	19,46	10,54	500 402 112 USD	6,12	OXY
26 *Deere & Company	19,10	12,87	562 003 712 USD	2,58	DE
27 *General Motors Company	19,03	13,79	1 260 855 040 USD	3,89	GM
28 *Lincoln National Corporation	18,91	14,72	95 289 144 USD	3,91	LNC
29 *Western Digital Corporation	18,36	2,47	312 817 856 USD	4,46	WDC
30 *Nucor Corporation	18,08	22,88	144 735 632 USD	3,07	NUE
31 *Marathon Oil Corporation	17,98	16,61	262 114 752 USD	6,30	MRO
32 *Mohawk Industries Inc.	17,97	6,89	83 745 536 USD	3,43	MHK
33 *Under Armour Inc Cl C	17,94	1,53	65 313 364 USD	3,61	UA
34 *Silicon Valley Bancshares	17,82	0,78	218 367 744 USD	4,11	SIVB
35 *Howmet Aerospace Inc	17,77	10,95	98 774 104 USD	3,82	HWM
36 *Southwest Airlines Co.	17,74	15,60	412 082 016 USD	3,36	LUV
37 *Fifth Third Bancorp	17,73	10,91	197 404 096 USD	3,38	FITB
38 *Pioneer Natural Resources Co.	17,56	22,05	381 466 688 USD	3,74	PXD
39 *Devon Energy Corporation	17,37	8,98	275 463 200 USD	5,31	DVN
40 *Micron Technology, Inc.	16,97	-0,49	1 600 266 624 USD	4,87	MU
41 *Wynn Resorts Limited	16,51	9,56	331 641 504 USD	4,02	WYNN
42 *Host Marriott Financial Trust	16,22	6,45	120 062 064 USD	3,55	HST
43 *Simon Property Group Inc.	16,18	6,63	392 201 248 USD	3,79	SPG
44 *Wells Fargo & Co.	16,12	4,76	1 226 845 952 USD	3,27	WFC
45 *Zions Bancorporation	16,09	9,19	73 387 544 USD	3,92	ZION
46 *Applied Materials Inc.	15,86	-3,85	864 913 408 USD	5,00	AMAT
47 *Centurylink	15,70	17,09	181 407 904 USD	3,55	LUMN
48 *Regions Financial Corporation	15,55	3,49	171 846 288 USD	3,46	RF
49 *Boeing Company	15,50	17,63	3 424 266 240 USD	4,26	BA
50 *Snap On Inc.	15,38	15,61	99 239 184 USD	2,39	SNA
51 *Textron Inc	15,36	8,86	54 773 476 USD	3,26	TXT
52 *Freeport-McMoRan Copper & G	15,33	-6,67	752 568 832 USD	5,37	FCX
53 *General Electric Company	15,30	9,98	1 024 326 464 USD	4,23	GE
54 *Interpublic Group of Companies	15,24	15,77	100 894 448 USD	2,73	IPG
55 *Hewlett Packard Enterprise Co.	15,00	8,14	142 219 104 USD	3,15	HPE
56 *Phillips-Van Heusen Corporatio	14,97	12,56	90 878 056 USD	4,20	PVH
57 *Norwegian Cruise Ord	14,95	10,61	516 551 712 USD	6,24	NCLH
58 *Quanta Services Inc.	14,89	10,63	87 331 312 USD	2,95	PWR
59 *Franklin Resources Inc.	14,73	8,58	95 683 976 USD	3,38	BEN
60 *Marriot International	14,52	11,74	353 168 160 USD	3,45	MAR
61 *Comerica Inc.	14,49	3,96	89 358 464 USD	3,91	CMA
62 *Synchrony Financial	14,40	7,59	235 996 816 USD	3,60	SYF
63 *People's Bank	14,31	13,33	88 673 064 USD	3,44	PBCT
64 *Hewlett Packard Co.	14,30	11,00	266 868 928 USD	2,89	HPQ
65 *EOG Resources Inc.	14,29	12,11	290 295 040 USD	4,86	EOG
66 *SL Green Realty Corporation	14,23	18,98	104 696 384 USD	3,83	SLG
67 *MetLife Inc.	14,19	9,31	315 945 472 USD	2,57	MET
68 *Vornado Realty Trust	14,18	29,05	100 299 624 USD	3,56	VNO
69 *HCA Holdings, Inc.	14,09	6,33	270 404 512 USD	2,68	HCA
70 *Royal Caribbean Cruises Ltd.	14,09	15,02	417 648 288 USD	5,40	RCL
71 *Citizens Financial Group Inc.	14,05	4,78	201 944 480 USD	3,82	CFG
72 *Bank of America Corporation	14,03	11,55	1 807 461 632 USD	2,78	BAC
73 *Cincinnati Financial Corporation	13,85	11,16	92 489 024 USD	2,82	CINF
74 *Delta Air Lines Inc.	13,85	7,29	571 665 728 USD	3,79	DAL
75 *Goldman Sachs Group Inc.	13,83	9,06	966 419 648 USD	2,73	GS
76 *WestRock Company	13,79	17,84	102 238 392 USD	3,13	WRK
77 *CF Industries Holdings Inc.	13,70	5,27	102 652 640 USD	4,37	CF
78 *BorgWarner Inc.	13,65	12,53	111 906 184 USD	3,33	BWA
79 *Citigroup Inc.	13,57	10,99	1 333 571 328 USD	3,00	C
80 *Caterpillar Inc.	13,49	7,33	653 650 688 USD	2,87	CAT
81 *CBRE Group Inc	13,46	5,50	120 719 976 USD	3,10	CBRE

82	*Parker Hannifin Corporation	13,35	11,20	271 830 080 USD	2,55 PH
83	*Apache Corporation	13,33	8,10	161 805 056 USD	6,23 APA
84	*Smith [A.O.] Corp	13,30	13,15	71 093 256 USD	2,33 AOS
85	*Darden Restaurants Inc.	13,27	4,31	179 165 632 USD	3,05 DRI
86	*Seagate Technology.	13,26	2,04	254 125 872 USD	3,37 STX
87	*Omnicom Group Inc.	13,25	12,98	125 367 832 USD	2,48 OMC
88	*Hess Corporation	13,23	7,91	133 885 720 USD	4,40 HES
89	*Charles Schwab Corporation	13,20	6,69	496 409 216 USD	2,96 SCHW
90	*Avery Dennison Corp	13,11	2,34	86 674 472 USD	2,65 AVY
91	*Kimco Realty Corporation	13,02	6,51	84 359 488 USD	3,34 KIM
92	*UnumProvident Corporation	12,96	8,90	63 593 464 USD	3,73 UNM
93	*U.S. Bancorp	12,88	10,38	376 393 344 USD	2,62 USB
94	*Lennar Corporation	12,77	8,76	242 452 304 USD	4,65 LEN
95	*Truist Financial Corp.	12,73	1,67	312 981 056 USD	3,00 TFC
96	*LKQ Corporation	12,66	11,88	74 400 416 USD	2,67 LKQ
97	*Capital One Financial Corp.	12,65	5,75	384 280 448 USD	3,24 COF
98	*Loews Corporation	12,63	9,03	43 629 604 USD	2,32 L
99	*Polo Ralph Lauren Corporation	12,62	7,31	121 238 432 USD	3,83 RL
100	*CarMax Group	12,52	9,83	172 378 048 USD	2,85 KMX
101	*Dow Inc	12,38	5,83	250 876 336 USD	3,16 DOW
102	*Advance Auto Parts Inc.	12,28	12,06	172 672 928 USD	2,75 AAP
103	*Altria Group	12,24	15,41	399 007 712 USD	1,98 MO
104	*Principal Financial Group Inc	12,23	9,60	85 883 456 USD	2,98 PFG
105	*Lyondellbasell Industries NV	12,19	6,54	166 058 912 USD	3,24 LYB
106	*Morgan Stanley	12,09	9,13	840 837 376 USD	2,74 MS
107	*Hilton Inc	12,02	6,40	311 200 096 USD	3,11 HLT
108	*Fortinet, Inc.	11,99	1,49	200 190 656 USD	3,42 FTNT
109	*American International Group Inc	11,92	9,98	200 094 672 USD	2,92 AIG
110	*Genuine Parts Company	11,83	14,61	90 087 952 USD	2,67 GPC
111	*Dentsply International Inc.	11,83	18,95	86 566 880 USD	2,78 XRAY
112	*Halliburton Co.	11,80	7,87	234 118 480 USD	4,90 HAL
113	*Oneok Inc.	11,79	5,76	133 041 640 USD	3,91 OKE
114	*PNC Financial Services Group	11,76	3,16	319 628 480 USD	2,80 PNC
115	*Trane Technologies Plc	11,73	6,59	185 342 576 USD	2,49 TT
116	*Corning Inc.	11,72	8,46	176 426 592 USD	2,70 GLW
117	*Johnson Controls Inc.	11,71	7,10	240 941 152 USD	2,49 JCI
118	*HollyFrontier Corporation	11,63	-0,82	74 706 480 USD	5,17 HFC
119	*Corteva Inc	11,62	3,52	148 092 960 USD	2,89 CTVA
120	*Dish Network Corp	11,58	10,72	162 488 464 USD	3,63 DISH
121	*Prudential Financial Inc.	11,56	9,37	201 915 280 USD	2,84 PRU
122	*Intel Corporation	11,48	1,19	2 103 999 744 USD	3,25 INTC
123	*KeyCorp	11,46	1,19	160 850 528 USD	3,50 KEY
124	*Pentair Inc.	11,39	7,71	58 773 604 USD	2,69 PNR
125	*Huntington Bancshares Inc.	11,32	4,44	182 713 376 USD	3,31 HBAN
126	*Trimble Navigation Limited	11,30	2,32	162 281 344 USD	3,20 TRMB
127	*Etsy Inc.	11,13	-5,22	708 482 112 USD	7,57 ETSY
128	*Raymond James Financial Inc.	11,12	1,23	85 856 864 USD	2,46 RJF
129	*Walt Disney Company	11,10	4,08	2 159 503 872 USD	2,83 DIS
130	*Cummins Inc.	11,00	7,76	263 347 216 USD	2,63 CMI
131	*Qorvo Inc.	10,99	0,26	244 719 152 USD	4,49 QRVO
132	*Whirlpool Corporation	10,91	11,84	145 973 536 USD	3,03 WHR
133	*Huntington Ingalls Industries, Inc	10,87	8,31	66 987 808 USD	2,64 HII
134	*Ameriprise Financial Services	10,85	1,76	156 987 328 USD	2,95 AMP
135	*J.P. Morgan Chase & Co.	10,80	4,81	2 062 622 080 USD	2,59 JPM
136	*Las Vegas Sands Corp.	10,68	5,92	399 663 680 USD	3,48 LVS
137	*Walgreens Boots Alliance, Inc.	10,65	7,53	312 091 680 USD	2,82 WBA
138	*Kraft Heinz Company	10,61	4,43	257 778 032 USD	2,41 KHC
139	*Gartner Inc.	10,51	-0,60	79 874 632 USD	2,41 IT
140	*D.R. Horton Inc.	10,37	5,58	247 688 848 USD	4,04 DHI
141	*Marathon Petroleum Corporation	10,35	1,43	309 621 120 USD	3,98 MPC
142	*Celanese Corporation	10,33	9,19	115 414 208 USD	2,71 CE
143	*Newell Rubbermaid Inc.	10,28	7,28	73 883 152 USD	2,65 NWL
144	*Jacobs Engineering Group Inc	10,26	9,75	72 365 024 USD	2,41 J
145	*Network Appliance Inc.	10,24	-1,67	134 353 296 USD	3,39 NTAP
146	*Old Dominion Freight Line Inc.	10,22	6,94	141 231 904 USD	2,76 ODFL
147	*Exxon Mobil Corporation	10,19	7,87	1 557 092 480 USD	3,28 XOM
148	*Tyson Foods Inc.	10,18	13,67	156 209 808 USD	2,22 TSN
149	*Ingersoll-Rand Company	10,17	12,67	95 592 568 USD	3,15 IR
150	*J.B. Hunt Transport Services Inc	10,11	10,75	95 120 552 USD	2,70 JBHT
151	*T. Rowe Price Group Inc.	10,08	5,58	190 319 152 USD	2,64 TROW
152	*Aflac Inc.	10,08	6,41	182 138 512 USD	2,16 AFL
153	*General Dynamics Corporation	10,03	7,79	224 852 272 USD	2,07 GD
154	*Iron Mountain Inc.	9,83	11,28	120 021 056 USD	2,82 IRM
155	*State Street Corp.	9,77	17,00	225 099 264 USD	2,99 STT
156	*Raytheon Technologies Corp	9,76	5,52	517 656 928 USD	2,66 RTX
157	*Equity Residential	9,74	6,66	166 010 256 USD	2,61 EQR
158	*Kansas City Southern	9,74	5,44	152 842 160 USD	2,63 KSU
159	*Anthem, Inc.	9,72	20,06	410 977 984 USD	2,55 ANTM
160	*Broadcom Inc.	9,62	-3,16	938 207 744 USD	3,76 AVGO
161	*Martin Marietta Materials Inc.	9,58	-1,27	166 832 016 USD	3,00 MLM
162	*Flowserve Corporation	9,57	2,06	52 085 276 USD	3,94 FLS
163	*Valero Energy Corporation	9,54	3,03	266 744 256 USD	4,42 VLO

164	*CDW Corp	9,54	-1,69	121 515 160 USD	2,54 CDW
165	*Tractor Supply Company	9,53	0,96	199 748 608 USD	3,00 TSCO
166	*Regency Centers Corporation	9,45	6,17	63 505 524 USD	3,01 REG
167	*Cigna Corp	9,20	19,09	414 945 952 USD	2,33 CI
168	*Stanley Black & Decker, Inc.	9,18	12,34	226 414 944 USD	2,34 SWK
169	*Dxc Technology Company	9,15	8,60	86 167 688 USD	3,77 DXC
170	*Phillips 66	9,09	-0,06	223 469 168 USD	3,69 PSX
171	*Carrier Global Corp	9,02	8,69	202 834 944 USD	2,96 CARR
172	*AmerisourceBergen Corporator	8,98	9,49	127 239 776 USD	2,45 ABC
173	*First Republic Bank	8,96	1,19	160 665 792 USD	2,85 FRC
174	*Live Nation Entertainment Inc.	8,93	-3,87	192 616 128 USD	4,12 LYV
175	*M&T Bank Corp.	8,84	1,40	127 568 256 USD	3,37 MTB
176	*American Express Co	8,81	6,83	481 831 680 USD	2,60 AXP
177	*Twitter, Inc	8,80	-8,37	1 265 482 624 USD	5,62 TWTR
178	*International Paper Co.	8,77	9,46	159 698 624 USD	2,70 IP
179	*Emerson Electric Co.	8,74	3,56	232 332 192 USD	2,44 EMR
180	*Eastman Chemical Co.	8,71	-0,11	95 552 136 USD	3,01 EMN
181	*Automatic Data Processing, Inc.	8,62	8,65	343 826 528 USD	2,22 ADP
182	*Estee Lauder Companies Inc.	8,59	0,02	382 371 904 USD	2,45 EL
183	*Expeditors International of Wasl	8,56	10,55	103 312 256 USD	2,06 EXPD
184	*Bank of New York Mellon Corp.	8,43	9,52	253 570 560 USD	2,48 BK
185	*Discover Financial Services	8,40	0,92	247 634 592 USD	3,90 DFS
186	*ConocoPhillips	8,40	8,63	523 579 584 USD	4,20 COP
187	*Leggett & Platt Inc.	8,37	10,29	46 830 980 USD	3,23 LEG
188	*Dover Corp	8,34	10,88	96 246 544 USD	2,06 DOV
189	*Northern Trust Corporation	8,32	6,54	95 210 920 USD	2,68 NTRS
190	*Ventas Inc.	8,26	3,99	106 143 144 USD	3,13 VTR
191	*Laboratory Corporation of Ameri	8,20	-2,50	166 227 280 USD	2,57 LH
192	*Schlumberger Limited	8,17	3,56	363 338 272 USD	4,32 SLB
193	*AutoZone Inc	8,11	9,87	300 316 256 USD	2,50 AZO
194	*Boston Properties Inc	8,07	13,17	110 535 064 USD	2,98 BXP
195	*Essex Property Trust Inc.	7,97	4,34	114 182 416 USD	2,83 ESS
196	*Comcast Corp. Cl.A	7,82	6,45	951 654 528 USD	2,26 CMCSA
197	*Internationa Flavors & Fragranc	7,79	-1,57	750 730 944 USD	2,68 IFF
198	*Assurant Inc	7,74	16,54	66 846 752 USD	2,42 AIZ
199	*United Dominion Realty Trust	7,73	2,65	70 338 688 USD	2,66 UDR
200	*Ross Stores Inc.	7,69	1,98	250 965 776 USD	3,20 ROST
201	*WR Berkley Corp	7,68	9,19	58 051 900 USD	2,35 WRB
202	*Universal Health Services Inc.	7,65	6,42	75 300 304 USD	2,87 UHS
203	*Travelers Companies Inc	7,63	2,32	201 458 096 USD	2,42 TRV
204	*Extra Space Storage Inc.	7,60	5,62	95 969 152 USD	2,67 EXR
205	*Aptiv Plc	7,58	-5,11	271 786 624 USD	4,21 APTV
206	*Tyco Electronics Ltd.	7,55	-2,32	227 620 640 USD	2,69 TEL
207	*Ulta Salon Cosmetics & Fragrai	7,48	0,02	244 982 400 USD	3,78 ULTA
208	*Facebook Inc.	7,46	10,92	5 339 227 136 USD	3,22 FB
209	*FedEx Corporation	7,46	9,79	689 399 424 USD	3,06 FDX
210	*Skyworks Solutions Inc.	7,45	-8,52	408 776 608 USD	4,62 SWKS
211	*FLIR Systems Inc.	7,44	-2,64	129 457 136 USD	1,61 FLIR
212	*Booking Holdings Inc.	7,42	-0,23	865 966 144 USD	3,84 BKNG
213	*Texas Instruments Inc.	7,41	-1,33	786 654 784 USD	3,04 TXN
214	*Alphabet Cl A	7,40	-2,76	3 035 134 464 USD	2,69 GOOGL
215	*Constellation Brands Inc.	7,36	5,15	253 458 800 USD	2,23 STZ
216	*Cardinal Health Inc.	7,36	12,85	104 336 104 USD	2,21 CAH
217	*Xylem Inc.	7,35	4,28	109 201 256 USD	2,33 XYL
218	*Federal Realty Investment Trust	7,29	1,23	74 528 528 USD	3,23 FRT
219	*Zebra Technologies	7,21	-6,31	161 244 592 USD	3,12 ZBRA
220	*Sysco Corporation	7,16	3,90	184 337 744 USD	2,88 SYY
221	*3M Company	7,14	6,89	488 873 152 USD	1,85 MMM
222	*PulteGroup Inc.	7,13	5,60	137 444 000 USD	4,14 PHM
223	*Norfolk Souther Corporation	7,12	0,94	287 828 448 USD	2,39 NSC
224	*Illinois Tool Works Inc.	7,07	8,58	223 826 000 USD	1,91 ITW
225	*Transdigm Group Incorporated	7,05	0,17	157 778 224 USD	3,07 TDG
226	*Alphabet Cl A	7,05	-2,96	3 425 882 880 USD	2,81 GOOGL
227	*Welltower Inc.	7,01	3,41	155 701 008 USD	3,07 WELL
228	*Robert Half International Inc.	7,01	-2,19	83 860 048 USD	2,92 RHI
229	*Honeywell International Inc.	6,86	4,59	568 413 376 USD	2,00 HON
230	*Eaton Corporation	6,85	4,27	296 013 792 USD	2,58 ETN
231	*Cisco Systems Inc.	6,85	7,22	957 297 088 USD	1,94 CSCO
232	*FirstEnergy Corp	6,81	2,44	154 569 296 USD	2,62 FE
233	*Globe Life Inc	6,80	3,84	42 762 896 USD	2,38 GL
234	*Starbucks Corporation	6,80	2,87	661 984 576 USD	2,47 SBUX
235	*Allstate Corporation	6,77	9,46	219 286 784 USD	2,23 ALL
236	*Vulcan Materials Co.	6,72	0,54	122 307 968 USD	2,91 VMC
237	*Paychex Inc.	6,71	6,19	174 432 736 USD	2,18 PAYX
238	*Du Pont De.Nemours Inc.	6,62	10,47	987 098 240 USD	2,80 DD
239	*Kinder Morgan, Inc.	6,61	6,42	259 797 200 USD	2,80 KMI
240	*Archer Daniels Midland Co.	6,57	1,27	143 319 056 USD	2,01 ADM
241	*F5 Networks Inc.	6,49	0,72	138 924 576 USD	2,60 FFIV
242	*Lowe's Companies Inc.	6,45	1,10	680 242 112 USD	2,50 LOW
243	*Weyerhaeuser Co.	6,41	-3,17	150 887 776 USD	3,19 WY
244	*Fiserv Inc.	6,40	9,44	515 637 344 USD	2,21 FISV
245	*Best Buy Co. Inc.	6,39	0,16	317 195 488 USD	3,24 BBY

246	*Allegion Plc	6,38	9,96	81 303 040 USD	2,44 ALLE
247	*AvalonBay Communities Inc.	6,36	2,69	155 667 952 USD	2,58 AVB
248	*Nasdaq Stock Market Inc. (The	6,31	0,91	128 968 248 USD	2,23 NDAQ
249	*Mid America Apartment Commu	6,25	2,87	90 365 848 USD	2,29 MAA
250	*Healthpeak Properties Inc.	6,17	7,22	103 646 536 USD	2,49 PEAK
251	*McKesson Corporation	6,08	6,84	185 437 744 USD	2,31 MCK
252	*Lam Research Corporation	6,08	-9,37	857 989 824 USD	5,19 LRCX
253	*Everest Re Group Ltd.	6,07	2,73	54 787 440 USD	2,54 RE
254	*IHS Markit Ltd	6,06	2,30	262 189 120 USD	2,08 INFO
255	*Philip Morris Intl	6,03	4,45	396 157 824 USD	1,83 PM
256	*J. M. Smucker Company	6,02	11,10	137 980 000 USD	2,28 SJM
257	*O'Reilly Automotive Inc.	6,00	6,01	290 892 960 USD	2,14 ORLY
258	*CME Group Inc.	5,99	3,89	355 524 256 USD	2,47 CME
259	*Fortune Brands Home & Securit	5,95	4,51	75 134 184 USD	2,84 FBHS
260	*Western Union Company	5,90	2,26	106 729 792 USD	2,37 WU
261	*UnitedHealth Group Inc.	5,79	12,63	1 147 111 040 USD	2,10 UNH
262	*Home Depot Inc.	5,73	3,38	1 199 610 624 USD	2,21 HD
263	*National-Oilwell Inc.	5,72	4,35	76 942 816 USD	5,83 NOV
264	*Motorola Solutions, Inc.	5,71	0,26	125 104 768 USD	1,98 MSI
265	*Global Payments Inc.	5,70	5,81	373 700 960 USD	2,61 GPN
266	*Linde Plc	5,67	7,27	473 361 664 USD	2,01 LIN
267	*Berkshire Hathaway Inc.	5,66	3,78	1 304 482 944 USD	2,04 BRK.B
268	*Accenture PLC	5,62	3,73	515 595 392 USD	2,22 ACN
269	*ConAgra Foods Inc.	5,60	11,00	137 021 504 USD	2,01 CAG
270	*Every Inc	5,60	9,79	110 999 880 USD	2,05 EVRG
271	*Chubb Corporation	5,56	-3,32	277 187 648 USD	3,08 CB
272	*PPG Industries Inc.	5,54	7,87	203 288 784 USD	2,28 PPG
273	*Chevron Corp.	5,54	7,91	1 069 459 392 USD	2,76 CVX
274	*DTE Energy Co.	5,40	8,11	114 326 176 USD	1,90 DTE
275	*Molson Coors Brewing Compar	5,33	10,81	121 491 248 USD	3,21 TAP
276	*eBay Inc.	5,26	-3,63	438 912 512 USD	3,31 EBAY
277	*L3Harris Technologies Inc	5,20	4,45	238 751 504 USD	2,33 LHX
278	*Mastercard Incorporated	5,18	7,01	1 562 326 016 USD	3,18 MA
279	*FleetCor Technologies, Inc.	5,17	2,78	166 283 488 USD	2,38 FLT
280	*Lamb Weston Holdings Inc	5,05	2,75	68 034 128 USD	2,95 LW
281	*Baker Hughes A Ge Co. Cl A	5,03	-3,33	160 393 968 USD	4,52 BKR
282	*PP&L Corporation	4,92	6,90	135 308 432 USD	2,34 PPL
283	*Yum! Brands Inc.	4,87	2,69	185 107 040 USD	1,97 YUM
284	*Microchip Technology In corpora	4,82	-7,57	320 415 232 USD	4,72 MCHP
285	*Garmin Ltd.	4,78	-1,80	88 320 896 USD	2,30 GRMN
286	*BlackRock Inc.	4,78	2,75	504 928 832 USD	2,36 BLK
287	*Cooper Companies Inc.	4,77	-1,16	101 999 568 USD	2,53 COO
288	*Kroger Co.	4,66	4,06	378 501 856 USD	2,62 KR
289	*Iqvia Holdings Inc	4,58	-0,20	165 639 648 USD	2,51 IQV
290	*Hasbro Inc.	4,56	6,59	84 602 288 USD	2,90 HAS
291	*Zimmer Biomet Holdings Inc.	4,52	2,23	201 598 032 USD	2,46 ZBH
292	*Waste Management Inc.	4,48	8,90	231 766 816 USD	2,02 WM
293	*Williams Companies Inc	4,45	1,37	199 099 744 USD	2,93 WMB
294	*Grainger W W Inc.	4,44	5,57	133 572 344 USD	2,64 GWW
295	*Xerox Corp	4,39	4,78	68 602 160 USD	3,27 XRX
296	*Crown Castle International Corp	4,37	-0,11	366 950 816 USD	2,36 CCI
297	*Aon Plc	4,34	-2,38	353 858 112 USD	1,87 AON
298	*Alexion Pharmaceuticals Inc.	4,33	-2,94	437 964 608 USD	1,52 ALXN
299	*S&P Global, Inc.	4,30	2,40	592 433 408 USD	2,05 SPGI
300	*Mcdonalds Corporation	4,25	4,81	688 111 744 USD	1,88 MCD
301	*Otis Worldwide Corp	4,22	6,06	166 624 400 USD	2,46 OTIS
302	*C.H. Robinson Worldwide Inc.	4,18	6,52	104 309 272 USD	2,32 CHRW
303	*Rockwell Automation Inc.	4,16	4,06	177 159 392 USD	2,41 ROK
304	*Sealed Air Corporation	4,16	3,00	52 484 932 USD	2,85 SEE
305	*Ametek Inc.	4,16	-0,08	114 745 392 USD	2,46 AME
306	*KLA-Tencor Corporation	4,14	-11,43	375 424 544 USD	5,15 KLAC
307	*CenterPoint Energy Inc.	4,09	3,87	98 298 432 USD	2,71 CNP
308	*Teleflex Inc.	4,08	2,73	79 729 440 USD	2,64 TFX
309	*Csx Corporation	4,07	-1,43	350 482 592 USD	2,24 CSX
310	*Aes Corporation	4,07	-7,06	186 847 024 USD	3,61 AES
311	*Paccar Inc.	4,05	-0,14	173 447 440 USD	2,91 PCAR
312	*TJX Companies Inc.	4,00	-1,60	459 981 824 USD	2,80 TJX
313	*Arthur J. Gallagher & Co.	4,00	1,05	104 214 504 USD	2,08 AJG
314	*Ilex Corporation	3,98	1,21	82 699 712 USD	2,21 IEX
315	*IBM Corporation	3,90	8,33	817 805 568 USD	1,87 IBM
316	*Juniper Networks, Inc.	3,87	4,30	120 589 032 USD	2,29 JNPR
317	*Masco Corporation	3,82	4,98	113 857 664 USD	2,29 MAS
318	*Medtronic Inc.	3,79	2,90	509 880 384 USD	1,88 MDT
319	*Oracle Corporation	3,70	8,39	775 061 696 USD	2,66 ORCL
320	*Union Pacific Corporation	3,57	0,83	593 016 576 USD	2,38 UNP
321	*Hershey Foods Corporation	3,55	3,93	139 677 168 USD	1,76 HSY
322	*Cognizant Technology Solutions	3,54	3,95	218 134 496 USD	2,43 CTSH
323	*Nike Inc.	3,53	-3,19	792 377 152 USD	2,77 NKE
324	*Willis Towers Watson Public Lt	3,47	-2,21	214 318 704 USD	2,07 WLTW
325	*Campbell Soup Company	3,45	7,49	111 818 984 USD	2,29 CPB
326	*Waters Corporation	3,44	-4,62	93 307 848 USD	2,24 WAT
327	*Exelon Corporation	3,43	3,84	213 468 368 USD	2,19 EXC

328	*Newmont Mining Corporation	3,42	9,28	421 287 200 USD	2,80 NEM
329	*Duke Realty Corporation	3,42	-0,10	74 661 128 USD	2,18 DRE
330	*Chipotle Mexican Grill Inc.	3,41	-3,52	408 646 016 USD	3,37 CMG
331	*Albemarle Corporation	3,41	-2,99	312 596 576 USD	4,99 ALB
332	*Teledyne Technologies Inc	3,39	-4,81	126 456 152 USD	2,77 TDY
333	*Agilent	3,36	-3,29	210 332 576 USD	2,51 A
334	*Amgen Inc.	3,36	6,15	636 872 320 USD	2,19 AMGN
335	*Public Storage	3,29	-0,53	191 803 648 USD	2,23 PSA
336	*Quest Diagnostics Incorporated	3,28	5,07	166 032 384 USD	2,55 DGX
337	*Dollar Tree Stores Inc.	3,25	0,20	205 423 024 USD	2,76 DLTR
338	*Moody's Corporation	3,18	2,63	223 294 528 USD	1,98 MCO
339	*Public Service Enterprise Group	3,17	2,01	121 166 016 USD	2,06 PEG
340	*Cvs Corporation	3,12	3,92	495 480 224 USD	2,18 CVS
341	*Steris Corporation.	3,11	4,76	108 257 096 USD	2,19 STE
342	*Align Technology Inc.	3,07	-11,65	334 962 080 USD	4,72 ALGN
343	*Target Corporation	3,05	-0,67	740 448 256 USD	2,59 TGT
344	*Sempra Energy	2,96	3,25	208 031 760 USD	2,18 SRE
345	*Abbott Laboratories	2,87	-2,27	582 104 896 USD	2,12 ABT
346	*Analog Devices Inc	2,85	-7,26	448 067 264 USD	3,25 ADI
347	*Boston Scientific Corporation	2,85	0,37	374 477 216 USD	2,27 BSX
348	*CBOE Global Markets Inc	2,85	3,85	66 601 652 USD	2,18 CBOE
349	*Fidelity National Information Ser	2,84	8,21	610 146 240 USD	2,24 FIS
350	*Mondelez International Inc. CI A	2,80	6,98	439 703 200 USD	1,61 MDLZ
351	*Idexx Laboratories Inc.	2,75	-10,89	226 604 896 USD	3,76 IDXX
352	*Duke Energy Corporation	2,75	4,85	273 007 648 USD	1,94 DUK
353	*Illumina Inc.	2,66	-14,47	452 376 352 USD	4,31 ILMN
354	*Centene Corporation	2,64	10,82	220 966 368 USD	2,58 CNC
355	*Intuit Inc.	2,61	-7,31	544 403 520 USD	3,51 INTU
356	*Ameren Corporation	2,58	8,95	126 885 872 USD	1,92 AEE
357	*General Mills Inc.	2,57	6,32	256 721 296 USD	1,87 GIS
358	*NiSource Inc.	2,56	3,72	80 651 240 USD	2,24 NI
359	*Pinnacle West Capital Corporati	2,50	5,94	67 384 856 USD	2,42 PNW
360	*Marsh & McLennan Companies I	2,48	-0,16	198 663 408 USD	1,79 MMC
361	*Davita Inc.	2,42	7,60	83 838 240 USD	2,15 DVA
362	*Fastenal Company	2,39	0,85	161 853 104 USD	2,40 FAST
363	*NVR Inc	2,31	-5,75	113 155 000 USD	3,70 NVR
364	*Nortonlifelock Inc.	2,23	3,23	121 144 216 USD	2,81 NLOK
365	*Republic Services Inc.	2,14	5,98	119 621 768 USD	1,96 RSG
366	*Microsoft Corporation	2,10	-4,41	6 730 390 528 USD	2,33 MSFT
367	*Sherwin Williams Co.	2,10	-1,49	348 881 152 USD	2,16 SHW
368	*Varian Medical Systems Inc.	2,09	0,06	125 825 744 USD	0,24 VAR
369	*Humana Inc.	2,07	8,73	439 140 128 USD	2,14 HUM
370	*Alliant Energy Corp	2,03	8,69	68 328 824 USD	2,39 LNT
371	*Charter Communications Inc.	2,01	3,70	769 711 616 USD	2,72 CHTR
372	*Intercontinentalexchange Inc.	1,77	-1,90	268 220 176 USD	1,96 ICE
373	*Visa	1,75	1,06	2 091 726 336 USD	2,77 V
374	*At&T Corp.	1,75	2,62	1 302 431 232 USD	1,93 T
375	*T-Mobile US Inc.	1,73	3,41	592 353 856 USD	2,91 TMUS
376	*American Electric Power Compe	1,73	5,80	250 076 304 USD	2,09 AEP
377	*Broadridge Financial Solutions I	1,73	-2,25	86 816 096 USD	2,07 BR
378	*Monster Beverage Cp	1,69	-1,93	184 226 864 USD	2,40 MNST
379	*Maxim Integrated Products, Inc.	1,68	-9,00	184 590 800 USD	3,46 MXIM
380	*Entergy Corporation	1,67	5,65	150 182 928 USD	2,40 ETR
381	*Johnson & Johnson	1,64	-1,80	1 283 309 184 USD	1,59 JNJ
382	*Edision International	1,62	7,70	118 712 304 USD	2,14 EIX
383	*Realty Income Corporation	1,55	1,08	192 299 312 USD	2,22 O
384	*Wabtec Corporate	1,53	2,29	99 012 256 USD	3,03 WAB
385	*MSCI Inc Class A	1,48	-5,22	212 099 664 USD	3,01 MSCI
386	*Citrix Systems Inc.	1,37	0,46	182 537 168 USD	2,87 CTXS
387	*Amcors Plc	1,33	-1,05	74 278 344 USD	3,12 AMCR
388	*Arista Networks, Inc	1,32	-8,27	178 464 176 USD	3,03 ANET
389	*Southern Company	1,30	0,66	232 439 056 USD	1,90 SO
390	*Air Products and Chemicals Inc	1,26	4,37	327 884 448 USD	2,24 APD
391	*Bristol Myers Squibb Co.	1,16	3,47	761 198 784 USD	1,98 BMY
392	*Gilead Sciences Inc.	1,15	0,14	575 495 872 USD	2,26 GILD
393	*Atmos Energy Corporation	1,14	0,57	93 412 760 USD	2,31 ATO
394	*Alexandria Real Estate Equities	1,10	-0,21	167 204 928 USD	1,89 ARE
395	*Consolidated Edison Inc.	1,04	6,04	197 847 184 USD	1,91 ED
396	*Coca-Cola Company	0,98	1,40	952 377 920 USD	1,69 KO
397	*Abbvie Inc.	0,98	-1,51	769 060 480 USD	2,34 ABBV
398	*FMC Corporation	0,94	4,41	103 374 776 USD	2,81 FMC
399	*Northrop Grumman Corporation	0,90	3,84	343 708 640 USD	2,14 NOC
400	*Hormel Foods Corporation	0,90	1,85	126 232 456 USD	1,97 HRL
401	*Baxter International Inc.	0,85	2,37	207 640 704 USD	1,68 BAX
402	*Prologis	0,81	-4,67	280 344 032 USD	2,50 PLD
403	*Cintas Corporation	0,71	-3,04	166 618 272 USD	2,84 CTAS
404	*Lockheed Martin	0,69	5,86	665 983 872 USD	2,04 LMT
405	*Tesla Motors, Inc.	0,63	-16,18	27 125 585 920 USD	8,93 TSLA
406	*Henry Schein Inc.	0,63	4,80	66 800 736 USD	3,16 HSIC
407	*Mettler Toledo International Inc.	0,62	-3,63	148 258 928 USD	2,63 MTD
408	*Packaging Corporation of Ameri	0,54	-2,28	92 931 384 USD	2,35 PKG
409	*Pool Corp.	0,52	4,51	128 560 792 USD	3,00 POOL

410	*American Tower Corporation	0,50	-1,99	510 602 944 USD	2,41 AMT
411	*Eli Lilly and Company	0,48	-8,28	838 575 104 USD	2,91 LLY
412	*Keysight Technologies Inc.	0,47	-5,22	199 896 784 USD	2,71 KEYS
413	*Progressive Corporation.	0,30	4,46	265 446 784 USD	2,29 PGR
414	*Cabot Oil & Gas Corporation	0,29	-2,75	103 666 824 USD	3,72 COG
415	*Stryker Corporation	0,25	-4,99	286 066 400 USD	2,18 SYK
416	*Wisconsin Energy Corporation	0,16	6,72	121 099 080 USD	2,19 WEC
417	*United Parcel Service Inc.	0,07	-0,78	590 129 472 USD	2,40 UPS
418	*Equifax Inc.	0,04	-1,34	132 615 200 USD	2,61 EFX
419	*Mylan Inc.	-0,01	2,82	95 276 016 USD	3,91 MYL
420	*Vontier Corp	-0,03	2,42	101 025 336 USD	3,37 VNT
421	*Merck & Co Inc.	-0,05	4,31	898 325 184 USD	1,80 MRK
422	*Kellogg Company	-0,05	5,01	198 399 056 USD	1,91 K
423	*Pfizer Inc.	-0,15	3,16	1 193 856 768 USD	1,59 PFE
424	*Tyler Technologies	-0,27	-11,36	134 936 416 USD	3,69 TYL
425	*SBA Communications Corporati	-0,35	1,64	209 430 880 USD	2,80 SBAC
426	*NVIDIA Corporation	-0,47	-13,94	4 381 425 152 USD	4,43 NVDA
427	*Cms Energy Corp.	-0,52	4,23	116 237 920 USD	2,05 CMS
428	*West Pharmaceutical Services,	-0,53	-1,56	136 982 880 USD	2,87 WST
429	*Netflix Inc.	-0,54	-5,19	2 487 993 600 USD	3,42 NFLX
430	*Church & Dwight Co Inc.	-0,59	2,01	117 416 680 USD	2,17 CHD
431	*Cerner Corporation	-0,61	0,55	175 192 016 USD	1,97 CERN
432	*NRG Energy Inc.	-0,71	-6,42	142 968 304 USD	5,92 NRG
433	*Cadence Design Systems Inc.	-0,75	-10,15	233 185 296 USD	4,26 CDNS
434	*Ecolab Inc	-0,80	-0,24	198 106 528 USD	2,36 ECL
435	*Domino's Pizza Inc	-0,83	-2,09	245 166 368 USD	2,45 DPZ
436	*PayPal Holdings, Inc.	-0,85	-15,91	2 439 117 568 USD	4,88 PYPL
437	*Amazon.com Inc.	-1,01	-5,38	11 678 432 256 USD	2,76 AMZN
438	*Fortive Corporation	-1,07	0,73	153 647 488 USD	2,48 FTV
439	*Activision Blizzard Inc.	-1,10	-10,23	535 914 592 USD	2,96 ATVI
440	*Roper Industries Inc.	-1,12	1,57	251 866 784 USD	2,53 ROP
441	*Enphase Energy Inc	-1,13	-18,34	750 590 400 USD	9,47 ENPH
442	*Catalent, Inc.	-1,16	-10,15	115 325 792 USD	3,77 CTLT
443	*V.F. Corporation	-1,19	-0,96	199 903 104 USD	3,14 VFC
444	*Zoetis Inc.	-1,31	-4,30	322 782 976 USD	2,73 ZTS
445	*Danaher Corp	-1,33	-4,40	597 795 072 USD	2,51 DHR
446	*Hologic Inc.	-1,38	-4,84	149 924 976 USD	3,64 HOLX
447	*Abiomed Inc.	-1,45	-9,69	109 325 432 USD	3,96 ABMD
448	*Pepsico Inc.	-1,50	1,50	733 183 552 USD	1,69 PEP
449	*Dominion Resources Inc.	-1,56	3,09	292 829 728 USD	1,99 D
450	*Leidos Holdings Inc.	-1,63	-8,49	94 309 792 USD	2,88 LDOS
451	*Procter & Gamble Co.	-1,70	0,70	1 023 669 632 USD	1,69 PG
452	*Biogen Idec Inc	-1,73	-4,05	348 557 312 USD	3,28 BIIB
453	*Verizon Communications	-1,78	-0,37	1 152 268 288 USD	1,72 VZ
454	*Xcel Energy Inc	-1,84	1,48	179 471 824 USD	2,17 XEL
455	*Apple Inc.	-1,90	-7,61	14 502 352 896 USD	3,15 AAPL
456	*Bio-Rad Laboratories Inc	-1,97	-10,69	133 795 256 USD	3,21 BIO
457	*Akamai Technologies Inc.	-2,28	0,55	228 549 232 USD	2,96 AKAM
458	*IPG Photonics Corporation	-2,28	-9,78	58 827 020 USD	3,94 IPGP
459	*Regeneron Pharmaceuticals Inc	-2,36	0,71	488 802 848 USD	2,78 REGN
460	*Eversource Energy	-2,36	0,83	131 095 432 USD	2,30 ES
461	*Digital Realty Trust Inc.	-2,53	-2,15	243 585 728 USD	2,67 DLR
462	*Kimberly Clark Corp	-2,75	-0,24	281 461 632 USD	1,95 KMB
463	*Equinix Inc.	-2,80	-3,99	401 736 992 USD	3,14 EQIX
464	*Becton Dickinson and Compan	-3,13	-3,59	329 290 592 USD	1,88 BDX
465	*Wal Mart Stores Inc	-3,30	-4,77	1 300 281 984 USD	1,85 WMT
466	*Colgate-Palmolive Co.	-3,33	-2,88	372 201 568 USD	1,77 CL
467	*Thermo Electron Corp	-3,41	-7,07	856 251 392 USD	2,92 TMO
468	*Clorox Company	-3,50	-0,49	335 324 768 USD	2,58 CLX
469	*Copart Inc.	-3,58	-8,95	136 446 320 USD	2,92 CPRT
470	*Vertex Pharmaceuticals Incorpo	-3,67	4,39	440 619 648 USD	2,50 VRTX
471	*Dollar General Corporation	-3,76	-6,65	517 898 528 USD	2,92 DG
472	*Costco Wholesale Corporation	-3,77	-7,29	1 027 153 280 USD	2,05 COST
473	*Ansys Inc	-3,91	-17,99	178 100 848 USD	4,01 ANSS
474	*PerkinElmer Inc.	-3,92	-6,13	145 863 776 USD	3,73 PKI
475	*Paycom Software, Inc.	-4,00	-6,90	173 125 632 USD	4,91 PAYC
476	*ResMed Inc.	-4,00	-7,74	129 460 680 USD	2,46 RMD
477	*Teradyne Inc.	-4,02	-19,41	263 044 592 USD	5,62 TER
478	*Xilinx Inc.	-4,03	-11,41	363 062 624 USD	4,56 XLNX
479	*Edwards Lifesciences Corp	-4,07	-5,81	216 319 968 USD	2,57 EW
480	*VeriSign Inc.	-4,16	-2,98	126 162 008 USD	2,55 VRSN
481	*Verisk Analytics, Inc.	-4,19	-9,77	197 966 592 USD	2,48 VRSK
482	*Intuitive Surgical Inc.	-4,19	-5,69	458 248 832 USD	3,02 ISRG
483	*Adobe Systems Inc.	-4,25	-7,85	1 242 884 480 USD	3,00 ADBE
484	*Electronic Arts Inc.	-4,29	-12,02	392 340 256 USD	2,69 EA
485	*MarketAxess Holdings Inc	-4,34	-7,29	154 807 968 USD	3,97 MKTX
486	*NextEra Energy, Inc.	-4,40	-9,30	690 939 392 USD	3,12 NEE
487	*Qualcomm Incorporated	-4,45	-9,60	1 497 096 320 USD	3,57 QCOM
488	*Autodesk Inc.	-4,50	-14,37	415 275 296 USD	3,90 ADSK
489	*Ball Corporation	-4,60	-10,20	157 132 848 USD	2,53 BLL
490	*Advanced Micro Devices Inc	-4,92	-11,74	3 801 588 992 USD	4,29 AMD
491	*Jack Henry & Associates Inc.	-4,94	-1,83	96 092 424 USD	2,67 JKHY

492	*Brown Forman Inc Cl B	-5,06	-8,88	60 998 804 USD	2,57	BF.B
493	*American Water Works Co.	-5,06	-11,68	162 905 808 USD	2,48	AWK
494	*Salesforce.com Inc.	-5,15	-13,94	1 709 067 776 USD	2,80	CRM
495	*Synopsis Inc.	-5,25	-15,00	228 597 456 USD	4,08	SNPS
496	*Perrigo Company	-5,39	1,31	63 388 772 USD	2,91	PRGO
497	*DexCom, Inc.	-5,83	-17,74	327 136 704 USD	4,19	DXCM
498	*Take-Two Interactive Software	-6,20	-12,89	265 198 320 USD	3,61	TTWO
499	*Incyte Corporation	-6,84	-1,45	106 545 680 USD	3,48	INCY
500	*ServiceNow, Inc.	-7,07	-17,50	801 722 688 USD	4,52	NOW
501	*FMC Technologies Inc.	-9,90	7,55	120 412 048 USD	6,60	FTI
502	*Rollins Inc	-13,68	-5,67	55 927 544 USD	3,07	ROL
503	*Anaplan Inc	-15,00	-36,64	152 087 040 USD	7,22	PLAN
	średnia	6,70	3,60	249 588 479 548 USD	3,03	MKC

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