

	SR1	roc20	mav	atr14 %	ticker
1 *Discovery Comm A	40,43	56,29	353 470 336 USD	4,06	DISCA
2 *Diamondback Energy, Inc	40,21	30,48	194 340 128 USD	5,67	FANG
3 *Marathon Oil Coporation	39,53	66,20	244 944 128 USD	5,81	MRO
4 *Occidental Petroleum Corporati	35,14	40,04	507 910 016 USD	5,45	OXY
5 *Discovery Comm Inc	35,07	51,86	173 076 512 USD	3,70	DISCK
6 *Viacomcbs Inc Cl B	34,61	42,60	746 855 360 USD	4,43	VIAC
7 *Devon Energy Corporation	32,85	41,10	245 017 408 USD	5,04	DVN
8 *Apache Corporation	32,05	42,46	157 050 000 USD	5,77	APA
9 *Twenty-First Century Fox, Inc	25,89	35,73	181 729 904 USD	4,40	FOXA
10 *Limited Brands Inc.	23,49	15,83	192 430 304 USD	4,73	LB
11 *EOG Resources Inc.	23,37	29,77	277 436 608 USD	4,65	EOG
12 *Fox Corp Cl B	23,23	33,11	53 414 380 USD	4,22	FOX
13 *Hess Corporation	22,71	29,67	127 809 256 USD	4,29	HES
14 *HollyFrontier Corporation	22,57	32,83	79 118 352 USD	4,65	HFC
15 *Halliburton Co.	22,17	24,75	230 447 504 USD	5,05	HAL
16 *Pioneer Natural Resources Co.	22,08	29,22	337 679 136 USD	3,80	PXD
17 *Invesco Plc	21,89	9,09	106 243 808 USD	4,09	IVZ
18 *Tapestry Inc	21,48	15,84	157 274 240 USD	3,65	TPR
19 *Mohawk Industries Inc.	21,34	24,86	83 196 216 USD	3,75	MHK
20 *ConocoPhillips	21,27	32,56	504 133 504 USD	3,86	COP
21 *Exxon Mobil Corporation	20,79	26,07	1 439 540 352 USD	3,16	XOM
22 *Ford Motor Company	20,68	7,92	821 057 088 USD	4,15	F
23 *General Electric Company	20,51	18,78	910 485 248 USD	3,68	GE
24 *mgm Resorts International	20,48	14,35	307 392 224 USD	4,76	MGM
25 *Under Armour	20,05	11,85	105 981 344 USD	4,14	UAA
26 *Gap Inc.	19,79	23,30	161 512 272 USD	4,73	GPS
27 *Nielsen Holdings Plc	19,21	9,96	100 550 008 USD	3,65	NLSN
28 *National-Oilwell Inc.	19,05	25,47	73 251 160 USD	4,76	NOV
29 *Wynn Resorts Limited	18,88	22,66	329 244 544 USD	4,45	WYNN
30 *Marathon Petroleum Corporatio	18,81	21,11	284 244 768 USD	3,60	MPC
31 *People's Bank	18,74	25,27	80 742 480 USD	3,44	PBCT
32 *News Corporation	18,66	20,05	67 082 716 USD	3,43	NWSA
33 *Carnival Corporation	18,65	23,94	956 517 632 USD	7,20	CCL
34 *American Airlines Group Inc.	18,56	17,53	1 108 791 296 USD	6,32	AAL
35 *Norwegian Cruise Ord	18,26	18,24	531 804 928 USD	7,79	NCLH
36 *Deere & Company	18,24	13,11	512 988 864 USD	3,07	DE
37 *Under Armour Inc Cl C	17,97	7,95	62 337 864 USD	4,01	UA
38 *Zions Bancorporation	17,66	15,70	69 636 856 USD	3,71	ZION
39 *Mosaic Company (The)	17,49	9,54	152 430 144 USD	6,17	MOS
40 *United Rentals Inc.	17,49	15,83	202 826 416 USD	4,44	URI
41 *Expedia Inc.	17,26	17,29	462 687 936 USD	4,35	EXPE
42 *Fifth Third Bancorp	17,02	14,58	162 768 464 USD	3,14	FITB
43 *WestRock Company	16,97	22,36	91 250 232 USD	3,19	WRK
44 *UnumProvident Corporation	16,97	16,61	59 892 980 USD	3,75	UNM
45 *Valero Energy Corporation	16,92	29,43	252 945 808 USD	3,81	VLO
46 *Capital One Financial Corp.	16,82	13,35	374 481 376 USD	3,16	COF
47 *Western Digital Corporation	16,79	14,87	290 911 456 USD	5,18	WDC
48 *Comerica Inc.	16,73	10,19	85 034 112 USD	3,69	CMA
49 *BorgWarner Inc.	16,65	14,35	110 127 864 USD	3,53	BWA
50 *Micron Technology, Inc.	16,59	9,45	1 438 409 600 USD	4,78	MU
51 *Hanesbrands Inc.	16,55	21,81	89 799 872 USD	3,87	HBI
52 *Howmet Aerospace Inc	16,52	11,08	94 618 008 USD	3,99	HWM
53 *Oneok Inc.	16,45	16,75	132 198 000 USD	3,84	OKE
54 *Freeport-McMoRan Copper & G	16,23	17,52	661 926 464 USD	5,66	FCX
55 *Interpublic Group of Companies	16,15	8,02	94 193 480 USD	3,03	IPG
56 *Live Nation Entertainment Inc.	16,11	19,71	190 989 264 USD	4,39	LYV
57 *Schlumberger Limited	16,05	17,17	340 524 128 USD	4,47	SLB
58 *Applied Materials Inc.	16,02	9,89	779 653 376 USD	5,29	AMAT
59 *SL Green Realty Corporation	15,98	14,96	92 613 664 USD	4,15	SLG
60 *Regions Financial Corporation	15,96	10,17	156 246 384 USD	3,56	RF
61 *Snap On Inc.	15,93	15,05	96 372 288 USD	2,68	SNA
62 *Hewlett Packard Co.	15,71	14,64	233 826 160 USD	3,59	HPQ
63 *Polo Ralph Lauren Corporation	15,67	13,33	119 892 424 USD	3,90	RL
64 *Centurylink	15,62	14,74	174 870 704 USD	4,43	LUMN
65 *Darden Restaurants Inc.	15,51	9,30	175 854 240 USD	3,11	DRI
66 *Quanta Services Inc.	15,43	10,37	92 981 280 USD	3,47	PWR
67 *Lyondellbasell Industries NV	15,38	18,69	151 839 680 USD	3,26	LYB
68 *Lincoln National Corporation	15,37	17,14	88 633 184 USD	4,06	LNC
69 *CBRE Group Inc	15,28	14,22	131 953 344 USD	3,17	CBRE
70 *American International Group In	15,27	13,62	193 702 800 USD	3,37	AIG
71 *Kimco Realty Corporation	15,22	13,89	78 247 376 USD	3,44	KIM
72 *Phillips-Van Heusen Corporatio	15,21	12,72	92 952 496 USD	4,28	PVH
73 *American Express Co	15,04	17,96	477 308 480 USD	2,60	AXP
74 *Alaska Air Group Inc.	15,03	19,11	102 235 992 USD	4,41	ALK
75 *Citizens Financial Group Inc.	14,94	10,97	168 152 256 USD	3,78	CFG
76 *Phillips 66	14,91	21,44	223 405 072 USD	3,49	PSX
77 *Synchrony Financial	14,72	7,97	213 436 672 USD	3,62	SYF
78 *Silicon Valley Bancshares	14,66	3,76	188 617 808 USD	4,32	SIVB
79 *Charles Schwab Corporation	14,03	17,79	479 067 232 USD	3,20	SCHW
80 *Omnicom Group Inc.	14,00	14,88	117 967 376 USD	2,85	OMC
81 *Simon Property Group Inc.	14,00	16,82	386 032 000 USD	4,42	SPG

82	*MetLife Inc.	13,88	15,05	300 279 456 USD	2,68 MET
83	*KeyCorp	13,80	10,42	144 177 024 USD	3,32 KEY
84	*HCA Holdings, Inc.	13,79	2,46	257 026 320 USD	2,68 HCA
85	*Truist Financial Corp.	13,75	10,02	296 900 736 USD	2,93 TFC
86	*Ulta Salon Cosmetics & Fragra	13,73	12,78	210 691 296 USD	3,32 ULTA
87	*LKQ Corporation	13,70	11,27	68 500 536 USD	3,15 LKQ
88	*Regency Centers Corporation	13,62	17,31	58 378 440 USD	3,13 REG
89	*Zebra Technologies	13,58	17,38	156 847 152 USD	3,49 ZBRA
90	*Huntington Bancshares Inc.	13,56	14,94	183 276 208 USD	3,19 HBAN
91	*Cincinnati Financial Corporation	13,54	19,37	85 648 648 USD	2,85 CINF
92	*Royal Caribbean Cruises Ltd.	13,53	22,12	407 782 272 USD	6,09 RCL
93	*Iron Mountain Inc.	13,38	12,05	121 579 544 USD	3,45 IRM
94	*Citigroup Inc.	13,36	12,53	1 296 731 776 USD	3,07 C
95	*Johnson Controls Inc.	13,36	15,63	229 657 552 USD	2,38 JCI
96	*Wells Fargo & Co.	13,29	14,61	1 169 872 384 USD	3,41 WFC
97	*Southwest Airlines Co.	13,26	15,86	393 484 640 USD	3,68 LUV
98	*Chevron Corp.	13,25	22,47	1 011 479 744 USD	2,83 CVX
99	*Morgan Stanley	13,12	11,87	808 702 656 USD	2,89 MS
100	*Seagate Technology.	12,98	8,36	240 051 232 USD	3,71 STX
101	*Eastman Chemical Co.	12,96	12,82	94 731 816 USD	2,80 EMN
102	*PNC Financial Services Group	12,94	12,62	305 674 560 USD	2,71 PNC
103	*Parker Hannifin Corporation	12,85	11,53	248 692 720 USD	2,96 PH
104	*Avery Dennison Corp	12,77	4,42	79 397 136 USD	3,04 AVY
105	*Prudential Financial Inc.	12,68	9,52	179 829 680 USD	2,91 PRU
106	*Discover Financial Services	12,64	7,13	242 881 856 USD	3,81 DFS
107	*Twitter, Inc	12,64	18,47	1 193 255 168 USD	6,01 TWTR
108	*Baker Hughes A Ge Co. Cl A	12,60	8,90	147 374 752 USD	4,40 BKR
109	*Bank of America Corporation	12,60	13,63	1 670 914 432 USD	2,58 BAC
110	*Cummins Inc.	12,59	14,56	254 784 032 USD	2,82 CMI
111	*Marriot International	12,52	17,11	329 726 496 USD	3,76 MAR
112	*Goldman Sachs Group Inc.	12,36	11,45	920 828 864 USD	2,88 GS
113	*Emerson Electric Co.	12,34	8,17	223 856 336 USD	2,35 EMR
114	*General Motors Company	12,31	-0,70	1 124 997 632 USD	4,13 GM
115	*Hewlett Packard Enterprise Co.	12,24	11,11	132 212 528 USD	3,39 HPE
116	*CF Industries Holdings Inc.	12,21	9,15	93 828 456 USD	4,22 CF
117	*Hilton Inc	12,07	11,17	306 613 664 USD	3,40 HLT
118	*T. Rowe Price Group Inc.	12,05	7,57	178 954 016 USD	2,97 TROW
119	*Celanese Corporation	12,02	17,29	112 353 672 USD	2,74 CE
120	*Dow Inc	12,02	11,66	234 160 336 USD	3,15 DOW
121	*Nucor Corporation	12,01	20,95	131 051 312 USD	3,14 NUE
122	*Vornado Realty Trust	11,86	19,95	98 125 552 USD	3,98 VNO
123	*Xerox Corp	11,75	12,60	56 268 720 USD	3,05 XRX
124	*Federal Realty Investment Trust	11,67	17,06	72 449 496 USD	3,25 FRT
125	*Walt Disney Company	11,64	5,42	2 276 188 928 USD	3,18 DIS
126	*M&T Bank Corp.	11,60	10,89	118 346 680 USD	3,29 MTB
127	*Caterpillar Inc.	11,56	14,88	590 326 976 USD	2,73 CAT
128	*UAL Corporation	11,53	19,12	708 172 288 USD	5,58 UAL
129	*Eli Lilly and Company	11,49	2,63	812 767 616 USD	2,47 LLY
130	*Gartner Inc.	11,48	12,51	74 269 728 USD	2,95 IT
131	*Principal Financial Group Inc	11,39	11,09	82 709 800 USD	3,26 PFG
132	*Textron Inc	11,33	9,79	51 183 396 USD	3,35 TXT
133	*International Paper Co.	11,32	15,83	144 542 336 USD	2,79 IP
134	*Chubb Corporation	11,23	5,49	257 009 984 USD	2,32 CB
135	*Estee Lauder Companies Inc.	11,18	15,74	360 294 624 USD	2,63 EL
136	*CME Group Inc.	11,16	10,54	338 110 144 USD	2,55 CME
137	*Lamb Weston Holdings Inc	10,90	8,31	59 238 360 USD	2,99 LW
138	*Raymond James Financial Inc.	10,84	8,97	83 930 136 USD	2,82 RJF
139	*Trane Technologies Plc	10,65	7,78	182 619 376 USD	2,70 TT
140	*Hartford Financial Services Groi	10,63	5,26	107 738 624 USD	2,66 HIG
141	*Eaton Corporation	10,62	13,98	258 084 768 USD	2,62 ETN
142	*Delta Air Lines Inc.	10,52	12,90	545 240 832 USD	4,16 DAL
143	*Ingersoll-Rand Company	10,44	15,12	91 861 760 USD	3,12 IR
144	*Fortinet, Inc.	10,31	6,74	183 686 656 USD	3,02 FTNT
145	*Dentsply International Inc.	10,26	7,55	80 120 784 USD	3,31 XRAY
146	*Williams Companies Inc	10,23	10,17	203 081 872 USD	2,90 WMB
147	*Martin Marietta Materials Inc.	10,19	11,72	171 577 792 USD	3,53 MLM
148	*Genuine Parts Company	10,14	12,29	84 362 120 USD	2,81 GPC
149	*Ventas Inc.	10,11	13,86	103 601 488 USD	3,10 VTR
150	*Travelers Companies Inc	10,00	5,86	191 483 792 USD	2,07 TRV
151	*Smith [A.O.] Corp	9,98	6,55	66 831 288 USD	2,73 AOS
152	*Alphabet Cl A	9,93	2,24	3 018 393 600 USD	2,62 GOOG
153	*Ameriprise Financial Services	9,91	6,21	140 842 240 USD	2,85 AMP
154	*Sysco Corporation	9,84	6,89	194 533 152 USD	2,88 SYY
155	*J.P. Morgan Chase & Co.	9,81	9,16	1 896 872 448 USD	2,38 JPM
156	*Oracle Corporation	9,78	10,45	741 560 640 USD	2,54 ORCL
157	*Loews Corporation	9,77	4,69	41 663 672 USD	2,35 L
158	*Comcast Corp. Cl.A	9,71	7,07	905 700 480 USD	2,24 CMCSA
159	*Alphabet Cl A	9,63	2,12	3 357 043 200 USD	2,73 GOOGL
160	*U.S. Bancorp	9,60	13,30	344 033 824 USD	2,65 USB
161	*Las Vegas Sands Corp.	9,59	17,92	379 767 648 USD	4,09 LVS
162	*CarMax Group	9,47	-1,96	171 810 976 USD	2,96 KMX
163	*Flowserve Corporation	9,40	7,91	35 040 120 USD	3,66 FLS

164	*Corteva Inc	9,23	5,11	147 258 304 USD	3,17 CTVA
165	*Aflac Inc.	9,17	9,18	174 750 112 USD	2,19 AFL
166	*Kraft Heinz Company	9,11	14,98	241 733 392 USD	2,96 KHC
167	*Aptiv Plc	9,06	2,83	259 207 184 USD	4,62 APTV
168	*CDW Corp	8,67	3,00	121 650 368 USD	2,88 CDW
169	*State Street Corp.	8,62	7,63	223 137 008 USD	3,35 STT
170	*First Republic Bank	8,60	6,97	155 180 800 USD	3,03 FRC
171	*Trimble Navigation Limited	8,58	-1,06	153 689 008 USD	3,93 TRMB
172	*Etsy Inc.	8,55	-9,30	694 502 784 USD	8,80 ETSY
173	*Equity Residential	8,54	7,39	160 108 976 USD	2,57 EQR
174	*Vulcan Materials Co.	8,53	9,32	126 829 208 USD	3,24 VMC
175	*Aon Plc	8,51	11,85	355 161 056 USD	2,29 AON
176	*Robert Half International Inc.	8,49	9,31	78 105 592 USD	3,01 RHI
177	*Cigna Corp	8,47	12,29	400 170 752 USD	2,65 CI
178	*Leggett & Platt Inc.	8,39	11,13	45 843 328 USD	3,37 LEG
179	*J.B. Hunt Transport Services In	8,37	9,54	92 651 696 USD	2,80 JBHT
180	*Laboratory Corporation of Ameri	8,33	6,27	165 736 832 USD	3,13 LH
181	*Lam Research Corporation	8,33	5,42	829 931 392 USD	5,41 LRCX
182	*Tyco Electronics Ltd.	8,31	0,89	223 471 136 USD	3,05 TEL
183	*Old Dominion Freight Line Inc.	8,26	7,58	139 572 256 USD	3,10 ODFL
184	*WR Berkley Corp	8,26	12,26	52 505 224 USD	2,24 WRB
185	*FLIR Systems Inc.	8,16	0,11	116 543 360 USD	1,89 FLIR
186	*Pentair Inc.	8,08	6,85	57 286 272 USD	2,91 PNR
187	*Host Marriott Financial Trust	8,07	11,82	118 976 056 USD	4,16 HST
188	*Tyson Foods Inc.	8,03	9,80	154 020 464 USD	2,51 TSN
189	*Dxc Technology Company	7,93	3,21	82 962 552 USD	4,13 DXC
190	*Raytheon Technologies Corp	7,88	3,44	516 881 920 USD	2,95 RTX
191	*Welltower Inc.	7,83	9,94	163 334 192 USD	3,15 WELL
192	*Archer Daniels Midland Co.	7,78	9,65	137 302 912 USD	2,19 ADM
193	*Booking Holdings Inc.	7,65	10,76	814 513 920 USD	3,88 BKNG
194	*Intel Corporation	7,64	3,32	2 110 748 672 USD	3,50 INTC
195	*Berkshire Hathaway Inc.	7,58	7,37	1 259 551 872 USD	1,94 BRK.B
196	*Boeing Company	7,54	5,97	3 098 218 240 USD	4,43 BA
197	*General Dynamics Corporation	7,50	8,25	226 439 504 USD	2,10 GD
198	*Boston Properties Inc	7,40	10,65	115 221 856 USD	3,34 BXP
199	*Bank of New York Mellon Corp.	7,31	6,63	250 277 152 USD	2,75 BK
200	*Qorvo Inc.	7,17	2,22	247 660 032 USD	4,60 QRVO
201	*Fiserv Inc.	6,99	6,64	532 043 872 USD	2,73 FISV
202	*Mastercard Incorporated	6,97	5,88	1 438 341 888 USD	3,08 MA
203	*Jacobs Engineering Group Inc	6,82	7,21	71 891 152 USD	2,70 J
204	*Advance Auto Parts Inc.	6,79	8,22	169 648 896 USD	3,04 AAP
205	*Dover Corp	6,78	8,54	92 587 128 USD	2,29 DOV
206	*Willis Towers Watson Public Lt	6,73	8,94	231 124 832 USD	2,39 WLTW
207	*Anthem, Inc.	6,67	13,33	400 058 752 USD	2,88 ANTM
208	*Internationa Flavors & Fragranc	6,66	5,34	704 693 120 USD	3,55 IFF
209	*United Dominion Realty Trust	6,59	7,07	70 333 184 USD	2,59 UDR
210	*Kinder Morgan, Inc.	6,52	13,11	269 097 696 USD	2,88 KMI
211	*Northern Trust Corporation	6,50	3,51	87 270 768 USD	2,74 NTRS
212	*Starbucks Corporation	6,49	1,51	632 306 496 USD	2,61 SBUX
213	*Everest Re Group Ltd.	6,46	11,75	54 828 340 USD	2,62 RE
214	*Skyworks Solutions Inc.	6,42	-3,16	397 228 672 USD	4,89 SWKS
215	*Automatic Data Processing, Inc.	6,41	4,51	309 025 984 USD	2,43 ADP
216	*Broadcom Inc.	6,39	-4,35	829 004 224 USD	3,50 AVGO
217	*Stanley Black & Decker, Inc.	6,38	5,51	222 759 792 USD	2,56 SWK
218	*Extra Space Storage Inc.	6,36	5,87	98 284 816 USD	2,78 EXR
219	*Weyerhaeuser Co.	6,13	-0,59	153 866 912 USD	3,51 WY
220	*Transdigm Group Incorporated	6,09	-2,14	164 376 640 USD	3,40 TDG
221	*Allstate Corporation	6,01	4,19	196 515 728 USD	2,31 ALL
222	*Cooper Companies Inc.	5,99	1,06	96 066 736 USD	2,58 COO
223	*Franklin Resources Inc.	5,88	3,08	88 970 808 USD	3,69 BEN
224	*Norfolk Souther Corporation	5,86	4,25	285 895 456 USD	2,74 NSC
225	*KLA-Tencor Corporation	5,83	0,56	331 280 128 USD	5,10 KLAC
226	*FleetCor Technologies, Inc.	5,83	7,02	168 722 112 USD	2,84 FLT
227	*Iqvia Holdings Inc	5,78	2,42	179 228 128 USD	2,75 IQV
228	*Kansas City Southern	5,72	0,33	156 068 256 USD	3,14 KSU
229	*Idexx Laboratories Inc.	5,69	1,15	222 175 824 USD	4,02 IDXX
230	*Huntington Ingalls Industries, In	5,65	15,11	67 760 904 USD	2,89 HII
231	*Newell Rubbermaid Inc.	5,55	-6,06	75 619 536 USD	3,04 NWL
232	*Globe Life Inc	5,55	4,61	42 630 204 USD	2,43 GL
233	*Altria Group	5,54	6,09	385 447 488 USD	1,99 MO
234	*Ametek Inc.	5,41	4,35	110 333 672 USD	2,42 AME
235	*Corning Inc.	5,35	0,48	165 605 904 USD	3,09 GLW
236	*Essex Property Trust Inc.	5,29	4,89	113 162 832 USD	2,59 ESS
237	*Boston Scientific Corporation	5,24	2,01	404 853 728 USD	2,44 BSX
238	*Nasdaq Stock Market Inc. (The	5,24	0,79	120 280 672 USD	2,43 NDAQ
239	*Dish Network Corp	5,08	7,33	171 761 008 USD	4,02 DISH
240	*Honeywell International Inc.	5,07	2,99	548 171 840 USD	2,07 HON
241	*Arthur J. Gallagher & Co.	5,05	6,66	102 189 504 USD	2,02 AJG
242	*D.R. Horton Inc.	4,98	2,50	235 152 768 USD	4,04 DHI
243	*NVR Inc	4,83	1,59	108 143 880 USD	3,18 NVR
244	*Xylem Inc.	4,76	3,16	108 475 216 USD	2,72 XYL
245	*NRG Energy Inc.	4,72	-5,01	112 927 912 USD	4,70 NRG

246	*Western Union Company	4,72	4,78	101 253 944 USD	2,39 WU
247	*FirstEnergy Corp	4,62	3,04	157 010 384 USD	2,71 FE
248	*Expeditors International of Wasl	4,59	5,70	102 918 704 USD	2,31 EXPD
249	*Csx Corporation	4,58	3,63	342 447 872 USD	2,45 CSX
250	*Visa	4,48	2,94	1 977 045 248 USD	2,53 V
251	*Medtronic Inc.	4,47	1,08	521 269 824 USD	2,22 MDT
252	*Du Pont De.Nemours Inc.	4,24	-3,83	991 369 792 USD	3,60 DD
253	*Zimmer Biomet Holdings Inc.	4,22	-1,39	192 868 368 USD	2,65 ZBH
254	*Cabot Oil & Gas Corporation	4,21	0,53	105 988 192 USD	4,03 COG
255	*Illinois Tool Works Inc.	4,17	6,57	205 605 104 USD	1,98 ITW
256	*AvalonBay Communities Inc.	4,15	3,38	158 222 592 USD	2,42 AVB
257	*Motorola Solutions, Inc.	4,15	-1,83	145 274 096 USD	2,15 MSI
258	*3M Company	4,13	2,09	467 579 968 USD	2,00 MMM
259	*Stryker Corporation	3,97	1,24	279 588 768 USD	2,33 SYK
260	*Texas Instruments Inc.	3,92	-2,36	772 136 256 USD	3,19 TXN
261	*Intercontinentalexchange Inc.	3,90	0,37	273 598 176 USD	2,26 ICE
262	*Paychex Inc.	3,79	0,59	166 393 696 USD	2,35 PAYX
263	*Alexion Pharmaceuticals Inc.	3,74	-3,53	503 681 952 USD	1,56 ALXN
264	*Philip Morris Intl	3,73	3,03	425 765 536 USD	2,01 PM
265	*Align Technology Inc.	3,67	-12,79	306 183 424 USD	4,49 ALGN
266	*Teleflex Inc.	3,67	0,76	77 347 440 USD	2,61 TFX
267	*Packaging Corporation of Ameri	3,64	1,98	88 606 744 USD	2,20 PKG
268	*Ilex Corporation	3,64	4,40	78 961 376 USD	2,37 IEX
269	*Hasbro Inc.	3,58	-2,15	84 798 312 USD	2,97 HAS
270	*Aes Corporation	3,56	-0,69	176 256 752 USD	3,85 AES
271	*Lennar Corporation	3,38	-1,02	234 928 048 USD	4,35 LEN
272	*Intuit Inc.	3,29	-2,68	533 234 176 USD	3,52 INTU
273	*Global Payments Inc.	3,28	0,21	362 670 496 USD	2,86 GPN
274	*Grainger W W Inc.	3,24	7,29	129 484 528 USD	2,62 GWW
275	*Moody's Corporation	3,23	3,83	217 980 800 USD	2,29 MCO
276	*Public Storage	3,22	1,82	204 825 392 USD	2,28 PSA
277	*Abbvie Inc.	3,16	-1,69	770 938 560 USD	2,26 ABBV
278	*PPG Industries Inc.	3,16	2,41	197 634 736 USD	2,34 PPG
279	*Walgreens Boots Alliance, Inc.	3,11	-4,20	297 279 424 USD	2,68 WBA
280	*Paccar Inc.	3,10	-3,04	165 961 232 USD	3,22 PCAR
281	*Waters Corporation	3,10	-6,99	94 188 856 USD	2,42 WAT
282	*Amcpr Plc	3,08	3,85	67 297 872 USD	2,73 AMCR
283	*Garmin Ltd.	2,94	2,64	91 151 200 USD	2,83 GRMN
284	*CBOE Global Markets Inc	2,85	3,85	66 601 652 USD	2,18 CBOE
285	*Microchip Technology Incorpora	2,82	1,18	313 088 224 USD	4,70 MCHP
286	*Cisco Systems Inc.	2,78	-2,12	899 615 424 USD	2,19 CSCO
287	*Rockwell Automation Inc.	2,74	4,90	172 935 632 USD	2,75 ROK
288	*IHS Markit Ltd	2,69	0,94	287 017 824 USD	2,24 INFO
289	*Union Pacific Corporation	2,68	2,57	564 294 720 USD	2,51 UNP
290	*Citrix Systems Inc.	2,53	2,21	199 938 224 USD	3,08 CTXS
291	*Universal Health Services Inc.	2,53	-0,27	77 467 496 USD	3,14 UHS
292	*Cadence Design Systems Inc.	2,40	-7,59	223 380 720 USD	4,44 CDNS
293	*Fidelity National Information Ser	2,34	6,30	615 475 008 USD	2,59 FIS
294	*Waste Management Inc.	2,32	4,95	214 239 280 USD	1,85 WM
295	*Sealed Air Corporation	2,30	0,71	49 692 624 USD	3,25 SEE
296	*O'Reilly Automotive Inc.	2,30	3,10	302 428 736 USD	2,47 ORLY
297	*Kroger Co.	2,22	2,96	378 297 152 USD	3,16 KR
298	*F5 Networks Inc.	2,17	-4,34	141 519 552 USD	3,02 FFIV
299	*MSCI Inc Class A	2,16	-3,60	208 553 552 USD	3,27 MSCI
300	*United Parcel Service Inc.	2,15	1,32	595 857 920 USD	2,21 UPS
301	*UnitedHealth Group Inc.	2,14	5,40	1 125 080 064 USD	2,17 UNH
302	*Whirlpool Corporation	2,12	3,91	142 588 032 USD	3,62 WHR
303	*Tractor Supply Company	2,10	6,55	192 576 064 USD	3,55 TSCO
304	*Varian Medical Systems Inc.	2,08	-0,13	124 909 448 USD	0,27 VAR
305	*Teledyne Technologies Inc	1,99	-0,07	122 540 360 USD	3,25 TDY
306	*Microsoft Corporation	1,98	-4,30	6 725 406 208 USD	2,35 MSFT
307	*Mid America Apartment Commu	1,98	-0,69	90 651 016 USD	2,08 MAA
308	*FedEx Corporation	1,93	3,70	738 878 080 USD	2,94 FDX
309	*Marsh & McLennan Companies I	1,90	4,75	199 534 448 USD	1,99 MMC
310	*Abbott Laboratories	1,88	-2,08	581 085 440 USD	2,37 ABT
311	*BlackRock Inc.	1,88	-4,12	500 665 344 USD	2,63 BLK
312	*C.H. Robinson Worldwide Inc.	1,87	7,70	106 415 616 USD	2,49 CHRW
313	*AutoZone Inc	1,78	-0,01	326 972 512 USD	2,86 AZO
314	*Cintas Corporation	1,71	0,32	163 951 872 USD	2,99 CTAS
315	*Constellation Brands Inc.	1,70	-2,91	257 442 512 USD	2,69 STZ
316	*Yum! Brands Inc.	1,68	1,30	184 321 648 USD	1,95 YUM
317	*AmerisourceBergen Corporator	1,63	-6,33	120 043 536 USD	2,67 ABC
318	*Accenture PLC	1,61	-1,38	513 208 384 USD	2,27 ACN
319	*Otis Worldwide Corp	1,61	2,50	165 882 784 USD	2,76 OTIS
320	*Ross Stores Inc.	1,49	-4,73	219 717 248 USD	3,40 ROST
321	*Analog Devices Inc	1,45	-1,09	420 155 968 USD	3,49 ADI
322	*S&P Global, Inc.	1,42	1,85	601 747 840 USD	2,19 SPGI
323	*Allegion Plc	1,35	1,29	79 901 136 USD	2,74 ALLE
324	*Maxim Integrated Products, Inc.	1,32	-1,12	176 950 640 USD	3,61 MXIM
325	*Assurant Inc	1,27	0,03	61 841 704 USD	2,55 AIZ
326	*Carrier Global Corp	1,22	-3,63	195 033 312 USD	3,40 CARR
327	*Activision Blizzard Inc.	1,21	-0,11	566 566 528 USD	3,00 ATVI

328	*Healthpeak Properties Inc.	1,18	-2,87	103 618 480 USD	2,85 PEAK
329	*L3Harris Technologies Inc	0,87	1,18	242 884 448 USD	2,33 LHX
330	*T-Mobile US Inc.	0,77	-4,53	555 977 536 USD	2,91 TMUS
331	*Keysight Technologies Inc.	0,72	-4,19	207 592 112 USD	3,38 KEYS
332	*J. M. Smucker Company	0,71	3,73	135 692 640 USD	2,70 SJM
333	*Gilead Sciences Inc.	0,66	-1,84	575 835 840 USD	2,26 GILD
334	*PP&L Corporation	0,64	1,25	128 683 640 USD	2,09 PPL
335	*PulteGroup Inc.	0,57	-2,89	135 839 440 USD	4,25 PHM
336	*DTE Energy Co.	0,52	2,89	117 269 656 USD	2,11 DTE
337	*Hershey Foods Corporation	0,44	2,15	137 146 384 USD	1,97 HSY
338	*Netflix Inc.	0,37	-6,48	2 501 409 280 USD	3,46 NFLX
339	*ConAgra Foods Inc.	0,36	2,63	132 452 440 USD	2,32 CAG
340	*Coca-Cola Company	0,36	3,63	898 954 432 USD	1,83 KO
341	*Fortune Brands Home & Securit	0,33	-3,33	81 276 168 USD	3,42 FBHS
342	*Network Appliance Inc.	0,31	-8,35	133 399 600 USD	4,36 NTAP
343	*Charter Communications Inc.	0,23	0,68	764 875 648 USD	2,87 CHTR
344	*Evergy Inc	0,18	0,64	111 158 792 USD	2,34 EVRG
345	*Nike Inc.	0,15	-5,18	809 072 832 USD	2,74 NKE
346	*Cardinal Health Inc.	0,09	-4,45	102 752 520 USD	2,36 CAH
347	*Dollar Tree Stores Inc.	0,03	-1,94	217 829 664 USD	3,11 DLTR
348	*Republic Services Inc.	0,02	2,62	123 883 488 USD	1,95 RSG
349	*At&T Corp.	0,00	2,53	1 324 241 024 USD	1,93 T
350	*Mylan Inc.	-0,01	2,82	95 276 016 USD	3,91 MYL
351	*McKesson Corporation	-0,02	-5,89	181 043 232 USD	2,50 MCK
352	*Juniper Networks, Inc.	-0,14	-2,46	115 560 120 USD	2,70 JNPR
353	*FMC Technologies Inc.	-0,15	-19,13	117 597 824 USD	6,81 FTI
354	*Illumina Inc.	-0,18	-6,95	455 244 768 USD	4,87 ILMN
355	*Cognizant Technology Solutions	-0,27	-1,31	225 889 152 USD	2,64 CTSH
356	*Linde Plc	-0,28	-0,62	451 483 904 USD	2,27 LIN
357	*Hormel Foods Corporation	-0,29	-2,65	126 080 120 USD	2,33 HRL
358	*Biogen Idec Inc	-0,38	1,24	341 672 224 USD	2,96 BIIB
359	*PayPal Holdings, Inc.	-0,40	-11,60	2 350 642 176 USD	5,54 PYPL
360	*IBM Corporation	-0,40	1,50	805 380 416 USD	2,14 IBM
361	*Wabtec Corporate	-0,48	-7,32	93 260 960 USD	3,43 WAB
362	*Monster Beverage Cp	-0,52	-5,52	178 850 496 USD	2,80 MNST
363	*Facebook Inc.	-0,52	-0,83	5 218 537 472 USD	3,23 FB
364	*Vontier Corp	-0,63	-6,46	85 562 088 USD	3,84 VNT
365	*Humana Inc.	-0,70	3,71	432 914 048 USD	2,47 HUM
366	*TJX Companies Inc.	-0,70	-8,54	457 583 680 USD	3,29 TJX
367	*Johnson & Johnson	-0,73	-3,64	1 325 666 560 USD	1,93 JNJ
368	*Agilent	-0,76	-6,39	210 174 256 USD	2,93 A
369	*Masco Corporation	-0,78	-2,91	118 280 952 USD	2,76 MAS
370	*Broadridge Financial Solutions I	-0,82	-0,48	92 245 416 USD	2,38 BR
371	*Cvs Corporation	-0,93	-3,25	492 193 760 USD	2,20 CVS
372	*V.F. Corporation	-1,02	-3,18	182 137 536 USD	3,11 VFC
373	*Hologic Inc.	-1,03	-13,58	152 598 192 USD	4,14 HOLX
374	*Molson Coors Brewing Compar	-1,07	-5,91	112 965 496 USD	3,43 TAP
375	*Edwards Lifesciences Corp	-1,16	-4,34	219 041 040 USD	2,76 EW
376	*Ecolab Inc	-1,20	-0,11	198 399 408 USD	2,51 ECL
377	*Catalent, Inc.	-1,27	-7,83	115 607 400 USD	4,17 CTLT
378	*DexCom, Inc.	-1,29	-9,71	340 989 568 USD	4,25 DXCM
379	*Abiomed Inc.	-1,31	-7,25	109 110 072 USD	4,45 ABMD
380	*Chipotle Mexican Grill Inc.	-1,39	-9,95	412 991 616 USD	3,80 CMG
381	*Becton Dickinson and Compan	-1,42	-3,31	326 456 032 USD	2,08 BDX
382	*Duke Realty Corporation	-1,49	-5,09	74 075 000 USD	2,24 DRE
383	*Davita Inc.	-1,58	-3,65	88 113 968 USD	2,68 DVA
384	*Realty Income Corporation	-1,59	-1,62	185 887 504 USD	2,28 O
385	*Duke Energy Corporation	-1,60	-6,17	266 528 656 USD	2,26 DUK
386	*Fortive Corporation	-1,66	1,57	146 037 760 USD	2,56 FTV
387	*Apple Inc.	-1,70	-11,62	14 344 625 152 USD	3,37 AAPL
388	*Public Service Enterprise Group	-1,71	-3,93	122 489 904 USD	2,42 PEG
389	*Southern Company	-1,75	-3,30	219 626 816 USD	2,04 SO
390	*Danaher Corp	-1,75	-7,29	566 356 736 USD	2,62 DHR
391	*Fastenal Company	-1,80	-4,12	152 539 488 USD	2,95 FAST
392	*Baxter International Inc.	-1,83	1,14	223 963 584 USD	1,94 BAX
393	*Bristol Myers Squibb Co.	-1,87	-1,84	756 157 184 USD	2,26 BMY
394	*Progressive Corporation.	-1,90	1,61	271 128 832 USD	2,48 PGR
395	*Albemarle Corporation	-1,92	-7,11	307 962 688 USD	6,19 ALB
396	*Mcdonalds Corporation	-1,94	-1,73	669 671 680 USD	1,88 MCD
397	*Northrop Grumman Corporation	-2,02	-0,31	344 474 336 USD	2,23 NOC
398	*Mondelez International Inc. CI A	-2,02	-0,75	418 174 880 USD	1,99 MDLZ
399	*Quest Diagnostics Incorporated	-2,10	-3,30	169 007 376 USD	2,75 DGX
400	*Nortonlifelock Inc.	-2,14	-5,83	124 171 472 USD	2,89 NLOK
401	*Sherwin Williams Co.	-2,24	-4,88	343 458 496 USD	2,54 SHW
402	*Electronic Arts Inc.	-2,29	-4,35	419 630 912 USD	2,98 EA
403	*Bio-Rad Laboratories Inc	-2,29	-6,13	137 973 840 USD	3,52 BIO
404	*Edision International	-2,35	-2,02	111 031 944 USD	2,42 EIX
405	*Steris Corporation.	-2,53	-4,56	101 836 672 USD	2,64 STE
406	*Campbell Soup Company	-2,54	-0,72	111 146 704 USD	2,22 CPB
407	*Air Products and Chemicals Inc	-2,56	2,77	342 631 968 USD	2,56 APD
408	*Verizon Communications	-2,69	1,56	1 107 995 264 USD	1,85 VZ
409	*Centene Corporation	-2,72	0,20	237 038 320 USD	2,60 CNC

410	*Pool Corp.	-2,76	-8,01	127 008 000 USD	3,43 POOL
411	*Arista Networks, Inc	-2,80	-14,66	186 744 032 USD	3,60 ANET
412	*Atmos Energy Corporation	-2,82	3,30	97 128 776 USD	2,60 ATO
413	*eBay Inc.	-2,85	-12,04	437 173 984 USD	3,73 EBAY
414	*Tyler Technologies	-2,86	-5,61	140 162 912 USD	5,01 TYL
415	*General Mills Inc.	-3,14	-0,21	247 803 376 USD	2,15 GIS
416	*Thermo Electron Corp	-3,19	-8,61	828 107 520 USD	2,85 TMO
417	*Target Corporation	-3,21	-8,47	726 712 512 USD	3,31 TGT
418	*Exelon Corporation	-3,23	-9,23	206 257 280 USD	2,48 EXC
419	*Lockheed Martin	-3,26	0,95	650 203 648 USD	2,15 LMT
420	*Equifax Inc.	-3,37	-6,16	138 494 112 USD	2,97 EFX
421	*Amazon.com Inc.	-3,37	-9,92	12 029 873 152 USD	2,84 AMZN
422	*Colgate-Palmolive Co.	-3,39	-3,64	346 836 736 USD	1,62 CL
423	*Prologis	-3,43	-8,50	284 029 888 USD	2,43 PLD
424	*Lowe's Companies Inc.	-3,46	-8,35	730 955 840 USD	2,98 LOW
425	*Amgen Inc.	-3,56	-4,00	590 812 160 USD	2,28 AMGN
426	*Kellogg Company	-3,58	2,37	194 209 616 USD	2,16 K
427	*Pepsico Inc.	-3,59	-4,76	669 123 264 USD	1,91 PEP
428	*Kimberly Clark Corp	-3,63	0,07	272 359 808 USD	1,88 KMB
429	*Alexandria Real Estate Equities	-3,65	-7,41	170 971 760 USD	2,09 ARE
430	*VeriSign Inc.	-3,66	-2,78	124 404 424 USD	2,61 VRSN
431	*NVIDIA Corporation	-3,73	-8,80	4 253 218 560 USD	4,87 NVDA
432	*Mettler Toledo International Inc.	-3,75	-12,85	147 340 448 USD	2,83 MTD
433	*Pinnacle West Capital Corporati	-3,81	-0,99	67 911 376 USD	2,63 PNW
434	*CenterPoint Energy Inc.	-3,81	-3,59	100 324 384 USD	3,16 CNP
435	*Jack Henry & Associates Inc.	-3,83	-1,05	101 411 352 USD	3,23 JKHY
436	*Cerner Corporation	-3,84	-12,11	165 141 168 USD	2,38 CERN
437	*Intuitive Surgical Inc.	-3,86	-5,77	457 532 736 USD	3,04 ISRG
438	*ServiceNow, Inc.	-3,94	-17,32	781 270 016 USD	4,36 NOW
439	*MarketAxess Holdings Inc	-3,99	-10,92	161 698 176 USD	4,53 MKTX
440	*Ball Corporation	-4,00	-7,53	152 653 040 USD	2,45 BLL
441	*Sempra Energy	-4,09	-5,47	203 436 080 USD	2,38 SRE
442	*Autodesk Inc.	-4,13	-11,02	413 454 240 USD	4,07 ADSK
443	*Pfizer Inc.	-4,17	-1,43	1 446 153 088 USD	1,76 PFE
444	*Teradyne Inc.	-4,32	-9,26	240 853 856 USD	6,05 TER
445	*American Electric Power Comp	-4,42	-4,03	247 765 952 USD	2,35 AEP
446	*Brown Forman Inc Cl B	-4,44	-3,46	66 086 644 USD	2,89 BF.B
447	*NiSource Inc.	-4,47	-3,95	70 490 080 USD	2,55 NI
448	*Home Depot Inc.	-4,64	-9,07	1 157 035 776 USD	2,48 HD
449	*Consolidated Edison Inc.	-4,67	-3,24	200 226 448 USD	2,19 ED
450	*Crown Castle International Corp	-4,68	-7,96	386 198 560 USD	2,47 CCI
451	*Procter & Gamble Co.	-4,71	-2,36	1 014 564 992 USD	1,85 PG
452	*West Pharmaceutical Services,	-4,83	-9,60	146 350 736 USD	3,21 WST
453	*Ameren Corporation	-4,88	-1,45	119 228 848 USD	2,30 AEE
454	*Adobe Systems Inc.	-4,88	-9,92	1 274 780 160 USD	3,14 ADBE
455	*IPG Photonics Corporation	-4,90	-12,02	59 938 812 USD	4,62 IPGP
456	*NextEra Energy, Inc.	-5,05	-14,82	657 414 784 USD	3,26 NEE
457	*Alliant Energy Corp	-5,12	-2,15	59 998 720 USD	2,47 LNT
458	*Wisconsin Energy Corporation	-5,19	-2,62	119 622 248 USD	2,60 WEC
459	*FMC Corporation	-5,21	-9,88	97 962 312 USD	3,24 FMC
460	*Church & Dwight Co Inc.	-5,21	-2,68	114 238 288 USD	2,17 CHD
461	*Newmont Mining Corporation	-5,21	-1,60	381 903 296 USD	3,17 NEM
462	*Paycom Software, Inc.	-5,22	-12,29	181 366 720 USD	4,98 PAYC
463	*Digital Realty Trust Inc.	-5,24	-9,00	254 410 864 USD	3,12 DLR
464	*Copart Inc.	-5,27	-6,94	143 844 208 USD	3,14 CPRT
465	*Eversource Energy	-5,35	-8,63	132 460 416 USD	2,86 ES
466	*Roper Industries Inc.	-5,59	-6,64	241 996 832 USD	2,77 ROP
467	*ResMed Inc.	-5,61	-9,32	123 040 872 USD	2,76 RMD
468	*Synopsis Inc.	-5,65	-15,66	218 241 152 USD	4,48 SNPS
469	*Take-Two Interactive Software	-5,86	-15,23	296 984 832 USD	3,73 TTWO
470	*Merck & Co Inc.	-5,89	-3,81	820 089 792 USD	1,85 MRK
471	*Best Buy Co. Inc.	-5,93	-9,65	317 876 832 USD	3,58 BBY
472	*Henry Schein Inc.	-5,93	-10,40	65 014 540 USD	3,50 HSIC
473	*Zoetis Inc.	-6,02	-7,29	310 405 568 USD	3,01 ZTS
474	*Enphase Energy Inc	-6,07	-26,62	705 308 288 USD	11,05 ENPH
475	*Qualcomm Incorporated	-6,09	-12,31	1 486 245 248 USD	3,77 QCOM
476	*Akamai Technologies Inc.	-6,27	-13,36	222 735 984 USD	3,52 AKAM
477	*Advanced Micro Devices Inc	-6,44	-10,61	3 873 251 840 USD	4,57 AMD
478	*Clorox Company	-6,45	-3,81	327 539 680 USD	2,59 CLX
479	*Cms Energy Corp.	-6,50	-2,62	108 397 032 USD	2,44 CMS
480	*Wal Mart Stores Inc	-6,55	-9,41	1 260 297 728 USD	2,06 WMT
481	*Xcel Energy Inc	-6,58	-3,52	162 444 688 USD	2,62 XEL
482	*Tesla Motors, Inc.	-6,64	-29,65	30 669 901 824 USD	11,67 TSLA
483	*Regeneron Pharmaceuticals In	-6,67	-7,47	512 695 104 USD	2,88 REGN
484	*Vertex Pharmaceuticals Incorpo	-6,71	-0,81	443 772 640 USD	2,85 VRTX
485	*PerkinElmer Inc.	-7,03	-12,87	141 161 456 USD	3,49 PKI
486	*Dominion Resources Inc.	-7,09	-3,89	311 600 352 USD	2,21 D
487	*Xilinx Inc.	-7,17	-11,98	360 783 712 USD	4,87 XLNX
488	*Leidos Holdings Inc.	-7,37	-15,43	97 403 624 USD	3,52 LDOS
489	*Salesforce.com Inc.	-7,57	-11,44	1 859 008 128 USD	3,31 CRM
490	*Incyte Corporation	-7,84	-11,71	107 603 888 USD	3,70 INCY
491	*Costco Wholesale Corporation	-7,92	-10,83	980 278 208 USD	2,00 COST

492	*Entergy Corporation	-8,02	-7,61	142 458 336 USD	2,57 ETR
493	*Dollar General Corporation	-8,18	-8,69	471 673 248 USD	2,48 DG
494	*Perrigo Company	-8,24	-5,81	63 401 092 USD	3,76 PRGO
495	*Verisk Analytics, Inc.	-8,30	-10,76	182 773 904 USD	2,77 VRSK
496	*American Water Works Co.	-8,64	-17,08	151 047 344 USD	3,18 AWK
497	*Ansys Inc	-9,60	-18,38	168 397 584 USD	4,89 ANSS
498	*American Tower Corporation	-9,77	-13,87	510 642 688 USD	2,72 AMT
499	*SBA Communications Corporati	-9,81	-11,69	204 955 600 USD	3,14 SBAC
500	*Equinix Inc.	-10,01	-18,26	386 114 400 USD	3,50 EQIX
501	*Domino's Pizza Inc	-10,11	-11,46	224 342 640 USD	2,92 DPZ
502	*Anaplan Inc	-12,18	-25,28	140 168 688 USD	7,13 PLAN
503	*Rollins Inc	-16,99	-11,40	58 399 896 USD	3,38 ROL
	średnia	5,50	3,95	247 983 994 396 USD	3,22 MKC
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