l.p.	Walor	Walor	nad PSOTKIEM	pod PSOTKIEM	wynik pt/pt lub z 5 sesji	wynik z 1 sesji	Śr obrót z 60 dni
1	MMM	3M Company	1	0	- 0,10	0,68	440 124 000 USD
2	ABT	Abbott Laboratories	1	0	2,12	1,03	395 277 024 USD
3	ABBV	AbbVie Inc.	1	0	- 1,05	0,00	638 969 984 USD
4	ABMD	ABIOMED, Inc.	0	1	- 1,17	1,97	166 695 568 USD
5	ACN	Accenture PLC	1	0	1,37	0,82	363 105 056 USD
6	ATVI	Activision Blizzard Inc.	1	0	1,83	1,32	339 599 008 USD
7	ADBE	Adobe Systems Inc.	1	0	1,44	0,71	727 570 112 USD
8	AAP	Advance Auto Parts Inc.	0	0	- 0,60	1,15	164 066 912 USD
9	AMD	Advanced Micro Devices Inc	1	0	1,63	2,52	2 168 641 536 USD
10	AES	AES Corporation	1	0	1,53	0,53	102 460 192 USD
11	AFL	AFLAC Inc.	0	0	0,55	0,93	147 467 392 USD
12	A	Agilent	1	0	2,50	0,94	129 630 064 USD
13	APD	Air Products and Chemicals Inc.	1	0	0,97	0,13	241 767 216 USD
14	AKAM	Akamai Technologies Inc.	1	0	2,82	0,73	125 467 880 USD
15	ALK	Alaska Air Group Inc.	1	0	0,25	-0,07	61 739 236 USD
16	ALB	Albemarle Corporation	1	0	10,55	0,37	114 833 272 USD
17	AA	Alcoa Inc.	0	1	- 10,24	-11,89	85 827 760 USD
18	ARE	Alexandria Real Estate Equities Inc.	1	0	4,15	0,93	129 366 288 USD
19	ALXN	Alexion Pharmaceuticals Inc.	0	1	1,59	-0,01	187 974 048 USD
20	BABA	Alibaba Group Hldg Ltd	1	0	0,97	-0,49	3 065 794 816 USD
21	ALGN	Align Technology Inc.	1	0	- 3,88	3,98	209 077 360 USD
22	AGN	Allergan Inc.	1	0	0,61	-0,01	416 244 000 USD
23	ADS	Alliance Data Systems Corporation	0	1	2,96	0,75	98 558 280 USD
24	ALL	Allstate Corporation	1	0	2,08	1,65	176 337 632 USD
25	ALLY	Ally Financial Inc.	0	1	1,75	1,41	100 800 928 USD
26	GOOG	Alphabet Cl A	1	0	2,24	0,86	1 759 265 280 USD
27	AYX	Alteryx Inc	1	0	5,79	1,94	180 024 560 USD
28	MO	Altria Group	1	0	1,02	-0,31	400 556 256 USD
29	AMZN	Amazon.com Inc.	0	0	- 1,21	0,85	5 573 136 896 USD
30	AEE	Ameren Corporation	1	0	3,42	1,29	120 120 944 USD
31	AAL	American Airlines Group Inc.	0	1	1,00	2,35	198 992 992 USD
32	AGNC	American Capital Agency Corp.	1	0	1,50	0,27	75 232 784 USD
33	AEP	American Electric Power Company Inc	1	0	3,65	0,73	214 422 640 USD
34	AXP	American Express Co	1	0	2,14	0,56	336 855 648 USD
35	AIG	American International Group Inc	0	1	0,15	1,12	210 840 656 USD
36	AMT	American Tower Corporation	1	0	2,54	-1,33	352 749 248 USD
37	AWK	American Water Works Co.	1	0	5,27	1,33	110 634 280 USD
38	AMP	Ameriprise Financial Inc.	1	0	1,82	2,17	127 539 472 USD
39	ABC	AmerisourceBergen Corporation	1	0	5,53	0,09	92 238 688 USD
40	AME	Ametek Inc.	1	0	- 1,15	-0,46	100 948 696 USD
41	AMGN	Amgen Inc.	1	0	0,65	-0,49	501 211 104 USD
42	APH	Amphenol Corporation	1	0	0,95	0,99	106 252 272 USD
43	ADI	Analog Devices Inc	1	0	- 1,26	1,37	239 208 624 USD
44	PLAN	Anaplan Inc	1	0	- 1,00	-0,24	117 083 000 USD
45	NLY	Annaly Mortgage Management Inc.	1	0	1,57	0,31	99 721 312 USD
46	ANSS	ANSYS Inc.	1	0	2,05	0,95	129 829 576 USD
47	ANTM	Anthem, Inc.	1	0	- 0,44	1,16	404 630 208 USD
48	AON	Aon Corporation	1	0	0,50	0,53	169 331 936 USD
49	APA	Apache Corporation	1	0	1,53	-1,31	159 723 568 USD
50	APO	Apollo Global Management, LLC	1	0	- 1,46	0,55	83 897 272 USD
51	AAPL	Apple Inc.	1	0	1,81	1,25	7 246 525 952 USD
52	AMAT	Applied Materials Inc.	1	0	2,00	2,06	416 980 512 USD
53	ARMK	Aramark	1	0	4,20	1,99	108 742 512 USD
54	ADM	Archer Daniels Midland Co.	1	0	2,69	2,14	123 042 120 USD

55	ANET	Arista Networks, Inc	0	1		6,02	2,74	193 032 992 USD
56	ARWR	Arrowhead Pharmaceuticals, Inc.	1	0	-	3,10	0,31	127 702 784 USD
57	T	AT&T Corp.	1	0	-	1,98	0,42	1 120 332 032 USD
58	TEAM	Atlassian Corporation Plc	1	0	-	0,50	-0,14	170 734 768 USD
59	ADSK	Autodesk Inc.	1	0		0,29	0,89	226 292 928 USD
60	ADP	Automatic Data Processing, Inc.	1	0		2,14	1,19	295 618 624 USD
61	AZO	AutoZone Inc	0	0	-	0,28	0,69	244 226 528 USD
62	AVB	AvalonBay Communities Inc.	1	0		4,13	1,41	136 379 232 USD
63	AXSM	Axsome Therapeutics Inc	1	0		6,00	1,97	75 668 416 USD
64	BIDU	Baidu.com Inc.	1	0	-	0,97	0,06	468 699 008 USD
65	BLL	Ball Corporation	0	1		3,68	1,42	140 509 040 USD
66	BAC	Bank of America Corporation	1	0	-	0,88	0,14	1 526 844 288 USD
67	BK	Bank of New York Mellon Corp.	1	0	-	9,24	-7,83	203 447 616 USD
68	BAX	Baxter International Inc.	1	0		3,98	0,48	251 058 464 USD
69	BDX	Becton Dickinson and Company	1	0		1,21	-0,15	323 526 688 USD
70	BBBY	Bed Bath & Beyond Inc.	1	0		14,20	-1,34	107 072 408 USD
71	BRK.B	Berkshire Hathaway Inc.	1	0		0,47	0,60	788 060 352 USD
72	BBY	Best Buy Co. Inc.	1	0	-	0,47	0,03	212 153 040 USD
73	BYND	Beyond Meat Inc.	0	1		22,32	3,10	613 592 128 USD
74	BIIB	Biogen Idec Inc	1	0	-	2,77	-2,37	628 919 232 USD
75	BMRN	BioMarin Pharmaceutical Inc.	1	0	-	0,50	0,29	117 363 616 USD
76	BLK	BlackRock Inc.	1	0		4,26	0,89	233 665 328 USD
77	BLUE	bluebird bio, Inc	0	1		7,13	4,00	104 287 760 USD
78	BA	Boeing Company	0	1	-	1,29	0,66	1 932 663 296 USD
79	BKNG	Booking Holdings Inc.	1	0	-	1,41	-0,50	667 708 992 USD
80	BXP	Boston Properties Inc	1	0		3,50	1,41	76 999 872 USD
81	BSX	Boston Scientific Corporation	1	0	-	5,49	1,47	288 432 064 USD
82	BMY	Bristol Myers Squibb Co.	1	0		2,03	0,30	1 141 373 056 USD
83	AVGO	Broadcom Inc.	1	0		0,25	1,28	692 111 232 USD
84	BR	Broadridge Financial Solutions Inc.	1	0		0,97	0,83	66 072 360 USD
85	BURL	Burlington Stores, Inc.	1	0	-	3,44	0,38	186 109 376 USD
86	CHRW	C.H. Robinson Worldwide Inc.	1	0		5,87	0,71	133 184 728 USD
87	COG	Cabot Oil & Gas Corporation	0	1		0,63	0,17	134 763 024 USD
88	CDNS	Cadence Design Systems Inc.	1	0	-	0,40	1,55	108 839 680 USD
89	CZR	Caesars Entertainment Corp.	1	0		0,87	1,47	147 463 008 USD
90	CPB	Campbell Soup Company	1	0		0,98	0,64	93 828 328 USD
91	CNQ	Canadian Natural Resources Limited	1	0	-	1,05	-0,21	70 985 168 USD
92	CP	Canadian Pacific Railway Limited	1	0		1,24	-0,52	88 529 776 USD
93	CGC	Canopy Growth Corporation	0	1		16,82	-2,40	171 461 184 USD
94	COF	Capital One Financial Corp.	1	0		0,40	0,56	201 149 376 USD
95	CAH	Cardinal Health Inc.	1	0		8,19	1,13	130 746 688 USD
96	KMX	CarMax Group	1	0		8,10	1,95	113 095 784 USD
97	CCL	Carnival Corporation	1	0		4,36	1,80	181 775 936 USD
98	CAT	Caterpillar Inc.	1	0		0,38	1,58	476 348 640 USD
99	CDW	CDW Corp	1	0		1,57	-0,27	127 730 056 USD
100	CE	Celanese Corporation	1	0		0,23	-0,05	91 653 768 USD
101	CNC	Centene Corporation	1	0		1,51	0,94	265 372 144 USD
102	CNP	CenterPoint Energy Inc.	0	1		2,26	0,18	148 228 448 USD
103	CTL	CenturyLink Inc.	1	0		3,35	3,82	166 611 952 USD
104	CERN	Cerner Corporation	1	0		2,46	1,19	133 748 552 USD
105	CF	CF Industries Holdings Inc.	0	1		0,70	0,52	91 183 600 USD
106	SCHW	Charles Schwab Corporation	1	0		1,84	3,98	440 685 632 USD
107	CHTR	Charter Communications Inc.	1	0		0,29	-1,28	495 611 040 USD
108	CHKP	Check Point Software Technologies Ltd.	1	0		2,74	0,75	101 038 088 USD
109	CHK	Chesapeake Energy Corporation	0	1	-	12,24	1,11	73 722 240 USD
110	CVX	Chevron Corp.	0	1	-	0,52	0,65	698 247 040 USD
111	CMG	Chipotle Mexican Grill Inc.	1	0		0,87	0,59	356 304 384 USD
112	CB	Chubb Corporation	0	1	-	0,83	0,90	237 283 024 USD

113	CHD	Church & Dwight Co Inc.	0	1	2,76	-0,22	115 105 192 USD
114	CIEN	CIENA Corporation	1	0	1,78	1,15	110 535 920 USD
115	CI	Cigna Corp	1	0	0,04	1,30	363 231 424 USD
116	XEC	Cimarex Energy Co	1	0	- 6,11	-1,00	87 917 200 USD
117	CTAS	Cintas Corporation	1	0	2,56	0,65	148 386 320 USD
118	CSCO	Cisco Systems Inc.	0	1	3,65	2,16	915 611 392 USD
119	C	Citigroup Inc.	1	0	1,14	-0,29	898 990 016 USD
120	CFG	Citizens Financial Group Inc.	1	0	- 1,07	1,56	130 917 600 USD
121	CTXS	Citrix Systems Inc.	1	0	2,48	1,36	170 665 808 USD
122	CLF	Cliffs Natural Resources Inc.	0	1	0,90	0,38	87 764 488 USD
123	CLX	Clorox Company	1	0	2,83	0,29	132 182 448 USD
124	CME	CME Group Inc.	0	0	- 0,63	1,04	265 999 968 USD
125	CMS	CMS Energy Corp.	1	0	4,22	1,05	111 233 888 USD
126	KO	Coca-Cola Company	1	0	2,67	0,21	617 999 680 USD
127	CTSH	Cognizant Technology Solutions Corporation	0	0	2,19	0,97	166 357 264 USD
128	CL	Colgate-Palmolive Co.	0	0	1,27	-0,07	254 896 720 USD
129	CMCSA	Comcast Corp. Cl.A	1	0	2,98	1,27	844 929 152 USD
130	CMA	Comerica Inc.	1	0	- 2,27	1,88	94 597 176 USD
131	CAG	ConAgra Foods Inc.	1	0	0,27	1,15	129 409 048 USD
132	CXO	Concho Resources Inc.	1	0	- 0,63	1,51	131 417 296 USD
133	COP	ConocoPhillips	1	0	- 1,51	0,10	365 001 184 USD
134	ED	Consolidated Edison Inc.	0	1	2,63	0,23	141 947 904 USD
135	STZ	Constellation Brands Inc.	0	1	- 1,41	0,00	223 234 656 USD
136	CLR	Continental Resources Inc.	0	1	- 1,85	-2,76	67 181 560 USD
137	COO	Cooper Companies Inc.	1	0	4,74	1,51	85 474 576 USD
138	CPRT	Copart Inc.	1	0	2,01	0,55	156 855 472 USD
139	GLW	Corning Inc.	0	1	- 0,69	1,14	147 461 392 USD
140	CTVA	Corteva Inc	1	0	1,70	1,88	169 682 384 USD
141	CSGP	CoStar Group Inc	1	0	3,53	0,45	180 703 632 USD
142	COST	Costco Wholesale Corporation	1	0	1,20	0,73	580 604 736 USD
143	COTY	Coty Inc.	1	0	6,32	0,52	60 903 180 USD
144	COUP	Coupa Software Inc	1	0	- 1,44	-0,52	228 108 240 USD
145	CCI	Crown Castle International Corp.	1	0	3,55	0,81	272 220 928 USD
146	CCK	Crown Cork & Seal Company Inc.	1	0	3,74	1,89	89 620 464 USD
147	CSX	CSX Corporation	1	0	4,06	2,33	301 628 736 USD
148	CMI	Cummins Inc.	1	0	1,00	1,53	198 562 672 USD
149	CVS	CVS Corporation	1	0	4,37	1,03	482 665 952 USD
150	CONE	Cyrusone Inc.	0	1	- 2,38	1,12	86 963 824 USD
151	DHI	D.R. Horton Inc.	1	0	3,96	0,80	230 242 448 USD
152	DHR	Danaher Corp	1	0	2,43	0,44	1 676 784 128 USD
153	DRI	Darden Restaurants Inc.	0	1	- 1,20	1,54	152 911 936 USD
154	DVA	Davita Inc.	1	0	4,51	1,20	102 269 040 USD
155	DE	Deere & Company	1	0	- 1,19	1,47	296 234 496 USD
156	DELL	Dell Technologies Inc	0	0	3,46	1,46	118 980 648 USD
157	DAL	Delta Air Lines Inc.	1	0	4,95	0,42	317 595 904 USD
158	XRAY	DENTSPLY International Inc.	1	0	4,57	2,34	75 392 872 USD
159	DFS	Department 56 Inc.	0	0	0,25	0,38	122 881 640 USD
160	DVN	Devon Energy Corporation	1	0	2,28	0,76	151 119 520 USD
161	DXCM	DexCom, Inc.	1	0	- 2,03	0,02	207 039 776 USD
162	FANG	Diamondback Energy, Inc	0	1	- 3,62	-0,62	182 456 544 USD
163	DKS	Dick's Sporting Goods Inc	1	0	1,12	0,59	90 333 648 USD
164	DLR	Digital Realty Trust Inc.	0	0	4,16	2,21	210 029 376 USD
165	DOCU	DocuSign Inc	1	0	- 3,58	0,06	132 017 168 USD
166	DG	Dollar General Corporation	1	0	3,72	1,07	308 709 056 USD
167	DLTR	Dollar Tree Stores Inc.	0	1	0,02	0,36	286 407 104 USD
168	D	Dominion Resources Inc.	1	0	1,94	0,62	243 509 520 USD
169	DPZ	Domino's Pizza Inc	1	0	- 0,53	-0,41	199 904 096 USD
170	DOV	Dover Corp	1	0	2,11	1,69	90 073 808 USD

171	DOW	Dow Inc	1	0	0,55	0,40	197 917 696 USD
172	DBX	Dropbox Inc.	0	1	- 2,01	-1,69	69 625 848 USD
173	DTE	DTE Energy Co.	1	0	3,31	0,70	158 991 024 USD
174	DD	Du Pont De.Nemours Inc.	0	1	1,23	0,91	323 194 112 USD
175	DUK	Duke Energy Corporation	1	0	2,82	0,74	341 518 880 USD
176	DXC	DXC Technology Company	0	1	- 2,42	2,02	134 945 152 USD
177	ETFC	E*TRADE Financial Corporation	1	0	0,21	0,80	156 911 584 USD
178	EMN	Eastman Chemical Co.	1	0	2,06	0,95	82 549 248 USD
179	ETN	Eaton Corporation	1	0	- 0,38	0,97	201 840 400 USD
180	EBAY	eBay Inc.	0	1	2,10	1,67	275 724 928 USD
181	DISH	EchoStar Communications Corporation	0	0	3,48	0,43	70 297 640 USD
182	ECL	Ecolab Inc	0	1	1,55	0,80	209 217 312 USD
183	EIX	Edision International	1	0	0,55	-0,48	184 613 040 USD
184	EW	Edwards Lifesciences Corp	1	0	1,99	0,75	280 418 304 USD
185	EA	Electronic Arts Inc.	1	0	1,73	1,50	258 252 432 USD
186	LLY	Eli Lilly and Company	1	0	4,05	0,22	422 862 720 USD
187	EMR	Emerson Electric Co.	1	0	0,09	1,57	197 050 688 USD
188	ENB	Enbridge Inc.	1	0	1,63	0,72	115 872 408 USD
189	ECA	Encana Corporation	0	1	- 3,82	1,18	87 019 576 USD
190	ET	Energy Transfer LP	1	0	1,11	0,59	215 784 368 USD
191	ENPH	Enphase Energy Inc	1	0	- 2,40	2,22	136 535 952 USD
192	ETR	Entergy Corporation	1	0	3,89	0,97	174 480 784 USD
193	EPD	Enterprise Products Partners L.P.	1	0	1,61	0,34	144 435 968 USD
194	EOG	EOG Resources Inc.	1	0	- 1,39	0,32	316 323 040 USD
195	EFX	Equifax Inc.	1	0	2,05	0,83	107 271 560 USD
196	EQIX	Equinix Inc.	1	0	1,04	1,51	223 174 672 USD
197	EQR	Equity Residential	0	0	2,61	0,53	132 235 552 USD
198	ESS	Essex Property Trust Inc.	0	1	2,19	1,05	122 687 200 USD
199	EL	Estee Lauder Companies Inc.	1	0	2,82	-0,25	292 500 128 USD
200	ETSY	Etsy Inc.	0	1	9,62	4,17	151 555 488 USD
201	EVRG	Evergy Inc	1	0	4,79	0,82	134 532 752 USD
202	ES	Eversource Energy	1	0	5,22	0,50	155 985 328 USD
203	EXAS	Exact Sciences Corporation	0	1	- 13,29	0,10	203 539 840 USD
204	EXC	Exelon Corporation	0	0	1,27	0,40	302 754 144 USD
205	EXPE	Expedia Inc.	0	1	1,80	0,90	375 748 480 USD
206	EXR	Extra Space Storage Inc.	0	1	4,75	1,20	99 544 592 USD
207	XOM	Exxon Mobil Corporation	0	1	- 1,34	-0,39	904 035 392 USD
208	FFIV	F5 Networks Inc.	0	0	1,97	1,88	90 070 128 USD
209	FB	Facebook Inc.	1	0	1,58	0,28	2 760 618 496 USD
210	FDS	FactSet Research Systems Inc.	1	0	2,82	1,79	85 714 992 USD
211	FAST	Fastenal Company	1	0	3,00	1,41	135 434 368 USD
212	FDX	FedEx Corporation	1	0	0,94	0,24	441 042 048 USD
213	FIS	Fidelity National Information Services Inc.	1	0	2,32	1,21	419 218 976 USD
214	FITB	Fifth Third Bancorp	1	0	- 2,84	1,24	141 320 000 USD
215	FRC	First Republic Bank	1	0	2,86	1,43	112 350 520 USD
216	FE	FirstEnergy Corp	1	0	1,90	0,68	193 471 088 USD
217	FISV	Fiserv Inc.	1	0	2,04	1,43	322 699 712 USD
218	FIT	Fitbit Inc.	1	0	- 0,75	0,30	99 132 552 USD
219	FIVE	Five Below, Inc.	0	0	- 6,33	3,09	169 854 288 USD
220	FLT	FleetCor Technologies, Inc.	1	0	3,50	1,94	200 025 296 USD
221	FTI	FMC Technologies Inc.	0	1	- 3,69	-0,49	73 808 072 USD
222	FL	Foot Locker Inc.	0	1	2,17	0,74	114 293 248 USD
223	F	Ford Motor Company	0	1	- 0,97	-0,21	346 177 088 USD
224	FTNT	Fortinet, Inc.	1	0	4,02	1,74	131 578 640 USD
225	FTV	Fortive Corporation	1	0	0,35	0,33	130 395 920 USD
226	BEN	Franklin Resources Inc.	0	1	2,22	2,54	88 217 456 USD
227	FCX	Freeport-McMoRan Copper & Gold Inc.	1	0	- 0,84	-1,00	257 689 664 USD
228	GPS	GAP Inc.	1	0	6,76	3,85	110 994 240 USD

229	GD	General Dynamics Corporation	0	0	0,43	0,43	236 064 064 USD
230	GE	General Electric Company	1	0	- 0,58	-0,25	630 104 832 USD
231	GIS	General Mills Inc.	1	0	2,55	0,65	175 164 448 USD
232	GM	General Motors Company	0	1	1,33	1,13	327 108 192 USD
233	GPC	Genuine Parts Company	1	0	0,76	2,29	65 359 956 USD
234	GILD	Gilead Sciences Inc.	0	1	- 4,00	-1,40	429 442 048 USD
235	GBT	Global Blood Therapeutics Inc	1	0	4,04	1,77	79 527 456 USD
236	GPN	Global Payments Inc.	1	0	2,39	0,80	288 112 768 USD
237	GS	Goldman Sachs Group Inc.	1	0	2,93	1,83	535 675 040 USD
238	GT	Goodyear Tire & Rubber Co.	1	0	2,38	2,87	42 111 640 USD
239	GWW	Grainger W W Inc.	1	0	- 0,59	0,55	110 150 544 USD
240	GRUB	GrubHub Inc.	0	0	0,93	1,92	214 033 648 USD
241	GWRE	Guidewire Software, Inc.	1	0	2,27	0,54	102 603 248 USD
242	HAL	Halliburton Co.	1	0	- 1,57	1,01	260 081 424 USD
243	HBI	Hanesbrands Inc.	0	1	1,70	1,99	84 108 056 USD
244	MNST	Hansen Natural Corporation	1	0	4,43	1,85	162 890 256 USD
245	HIG	Hartford Financial Services Group Inc.	1	0	- 0,57	1,12	111 662 208 USD
246	HAS	Hasbro Inc.	0	1	- 0,26	0,57	151 183 776 USD
247	HCA	HCA Holdings, Inc.	1	0	0,23	0,35	189 545 616 USD
248	HSIC	Henry Schein Inc.	1	0	4,80	1,28	70 976 528 USD
249	HSY	Hershey Foods Corporation	1	0	1,63	0,30	130 882 016 USD
250	HES	Hess Corporation	1	0	1,76	0,32	150 811 472 USD
251	HPQ	Hewlett Packard Co.	1	0	2,02	1,16	238 419 216 USD
252	HPE	Hewlett Packard Enterprise Co.	1	0	0,63	1,80	141 029 424 USD
253	HLT	Hilton Inc	1	0	2,30	1,79	160 323 920 USD
254	HFC	HollyFrontier Corporation	0	1	- 2,55	0,62	83 943 448 USD
255	HOLX	Hologic Inc.	1	0	1,77	0,87	115 228 032 USD
256	HD	Home Depot Inc.	1	0	1,61	1,88	1 061 239 744 USD
257	HON	Honeywell International Inc.	1	0	1,78	0,84	445 990 880 USD
258	HRL	Hormel Foods Corporation	1	0	3,43	1,58	94 139 544 USD
259	HST	Host Hotels & Resorts Inc.	1	0	2,58	1,36	123 838 824 USD
260	HUM	Humana Inc.	1	0	0,71	0,84	318 025 344 USD
261	HBAN	Huntington Bancshares Inc.	1	0	0,68	1,38	119 995 288 USD
262	IAC	IAC/InterActiveCorp	1	0	6,46	0,85	200 088 064 USD
263	IBM	IBM Corporation	0	1	0,90	0,99	459 676 416 USD
264	IEX	IDEX Corporation	1	0	1,02	1,47	65 691 180 USD
265	IDXX	IDEXX Laboratories Inc.	1	0	4,31	0,49	130 810 568 USD
266	ITW	Illinois Tool Works Inc.	1	0	0,08	0,77	199 242 480 USD
267	ILMN	Illumina Inc.	0	0	- 2,58	1,73	292 935 808 USD
268	INCY	Incyte Corporation	0	1	3,42	0,09	120 069 704 USD
269	INFY	Infosys Technologies Limited	1	0	3,53	0,00	142 850 800 USD
270	IR	Ingersoll-Rand Company	1	0	1,81	1,20	173 275 840 USD
271	PODD	Insulet Corporation	1	0	5,96	2,35	124 253 160 USD
272	INTC	Intel Corporation	1	0	0,60	1,22	1 074 690 304 USD
273	ICE	Intercontinentalexchange Inc.	1	0	1,94	0,52	236 336 016 USD
274	IFF	Internationa Flavors & Fragrances Inc.	1	0	7,67	2,45	152 111 280 USD
275	IP	International Paper Co.	1	0	2,81	1,91	118 691 816 USD
276	IPG	Interpublic Group of Companies Inc.	1	0	2,50	-0,25	64 425 788 USD
277	INTU	Intuit Inc.	1	0	0,71	1,41	346 371 264 USD
278	ISRG	Intuitive Surgical Inc.	1	0	2,13	0,17	327 510 176 USD
279	IVZ	Invesco Plc	0	0	1,38	1,44	81 659 080 USD
280	INVH	Invitation Homes Inc.	1	0	2,34	1,46	135 376 080 USD
281	IQV	Iqvia Holdings Inc	1	0	0,92	1,00	197 639 680 USD
282	SJM	J. M. Smucker Company	0	1	1,33	0,42	98 876 672 USD
283	JBHT	J.B. Hunt Transport Services Inc.	1	0	0,61	0,60	88 420 504 USD
284	JPM	J.P. Morgan Chase & Co.	1	0	- 0,13	0,38	1 375 875 200 USD
285	JAZZ	Jazz Pharmaceuticals Inc.	1	0	4,12	-0,75	72 021 880 USD
286	JD	JD.com, Inc.	1	0	1,69	-0,55	367 445 568 USD

287	JNJ	Johnson & Johnson	1	0	1,93	0,80	908 465 536 USD
288	JCI	Johnson Controls Inc.	0	1	- 0,70	0,26	197 331 616 USD
289	JNPR	Juniper Networks, Inc.	0	0	2,17	1,71	90 484 416 USD
290	KSU	Kansas City Southern	1	0	1,07	1,20	158 088 384 USD
291	K	Kellogg Company	1	0	2,31	0,66	104 760 336 USD
292	KEY	KeyCorp	1	0	- 1,42	1,25	161 151 008 USD
293	KEYS	Keysight Technologies Inc.	1	0	1,73	2,28	142 189 552 USD
294	KMB	Kimberly Clark Corp	1	0	2,84	0,89	197 046 832 USD
295	KMI	Kinder Morgan, Inc.	1	0	- 0,83	-0,18	250 636 800 USD
296	KLAC	KLA-Tencor Corporation	1	0	3,08	1,68	215 486 512 USD
297	KSS	Kohl's Corporation	0	1	1,90	0,66	209 857 232 USD
298	KKR	Kohlberg Kravis Roberts & Co.	1	0	1,90	3,31	80 667 784 USD
299	KHC	Kraft Heinz Company	1	0	3,76	0,41	207 470 224 USD
300	KR	Kroger Co.	1	0	- 1,26	-0,74	191 017 536 USD
301	LH	Laboratory Corporation of America Holdings	1	0	1,61	-0,27	100 979 216 USD
302	LRCX	Lam Research Corporation	1	0	2,69	2,55	422 761 760 USD
303	LVS	Las Vegas Sands Corp.	1	0	2,62	0,86	200 781 648 USD
304	LEA	Lear Corporation	1	0	1,44	2,62	94 573 216 USD
305	LDOS	Leidos Holdings Inc.	1	0	1,19	0,14	86 273 792 USD
306	LEN	Lennar Corporation	1	0	9,53	0,63	192 821 856 USD
307	LPT	Liberty Property Trust	1	0	4,98	1,22	103 483 104 USD
308	LB	Limited Brands Inc.	0	1	6,96	2,47	137 861 600 USD
309	LNC	Lincoln National Corporation	0	0	- 0,60	1,64	91 798 944 USD
310	LYV	Live Nation Entertainment Inc.	1	0	3,72	0,62	137 048 192 USD
311	LMT	Lockheed Martin	1	0	2,59	1,12	424 886 112 USD
312	LOW	Lowe's Companies Inc.	1	0	- 2,27	-0,20	414 858 912 USD
313	LK	Luckin Coffee Inc	1	0	9,37	7,53	282 180 192 USD
314	LULU	Lululemon athletica inc.	1	0	3,31	0,09	426 144 864 USD
315	LYFT	Lyft Inc Cl A	0	1	2,71	-0,53	267 184 624 USD
316	MTB	M&T Bank Corp.	1	0	- 1,97	0,81	90 676 192 USD
317	M	Macy's Inc	0	1	- 1,01	0,63	282 506 144 USD
318	MRO	Marathon Oil Coporation	1	0	- 0,81	0,75	141 267 904 USD
319	MPC	Marathon Petroleum Corporation	0	0	- 3,13	-1,03	340 845 504 USD
320	MKTX	MarketAxess Holdings Inc	0	0	- 0,45	0,51	97 434 424 USD
321	MAR	Marriot International	1	0	1,75	1,16	188 758 240 USD
322	MMC	Marsh & Mclennan Companies Inc.	1	0	0,70	0,54	169 069 184 USD
323	MLM	Martin Marietta Materials Inc.	1	0	- 5,25	0,31	157 474 096 USD
324	MRVL	Marvell Technology Group Ltd.	1	0	8,23	5,72	208 234 640 USD
325	MAS	Masco Corporation	1	0	3,12	1,85	112 937 704 USD
326	MA	Mastercard Incorporated	1	0	3,62	1,92	924 225 728 USD
327	MTCH	Match Group Inc CS	1	0	7,81	1,48	152 753 616 USD
328	MXIM	Maxim Integrated Products, Inc.	1	0	- 0,11	0,82	114 010 608 USD
329	MKC	McCormick & Company Inc.	1	0	3,02	-0,27	105 629 024 USD
330	MCD	Mcdonalds Corporation	1	0	1,19	0,51	810 045 440 USD
331	MCK	McKesson Corporation	1	0	10,58	1,44	196 392 240 USD
332	MPW	Medical Properties Trust Inc.	1	0	5,45	1,64	115 955 280 USD
333	MDT	Medtronic Inc.	1	0	0,39	1,30	458 341 728 USD
334	MELI	MercadoLibre Inc.	1	0	3,09	0,98	280 235 744 USD
335	MRK	Merck & Co Inc.	1	0	2,01	-0,39	731 614 080 USD
336	MET	MetLife Inc.	1	0	- 0,32	0,67	245 974 656 USD
337	MGM	Metro-Goldwyn-Mayer Inc.	1	0	1,73	2,81	131 025 840 USD
338	MTD	Mettler Toledo International Inc.	1	0	2,44	1,50	130 768 688 USD
339	MCHP	Microchip Technology Incorporated	1	0	- 1,35	1,15	238 623 264 USD
340	MU	Micron Technology, Inc.	1	0	0,64	2,68	1 001 281 728 USD
341	MSFT	Microsoft Corporation	1	0	2,51	1,83	3 284 871 168 USD
342	MHK	Mohawk Industries Inc.	1	0	10,96	2,29	102 560 248 USD
343	MOH	Molina Healthcare Inc.	1	0	- 1,79	1,37	75 080 224 USD
344	TAP	Molson Coors Brewing Company	1	0	2,92	1,16	96 822 128 USD

345	MOMO	Momo Inc.	1	0	3,12	-2,83	94 326 104 USD
346	MDLZ	Mondelez International Inc. Cl A	1	0	1,84	0,82	313 300 704 USD
347	MDB	MongoDB, Inc.	1	0	1,29	-0,31	158 811 024 USD
348	MCO	Moody's Corporation	1	0	2,89	1,19	149 897 120 USD
349	MS	Morgan Stanley	1	0	8,41	6,61	445 851 744 USD
350	MOS	Mosaic Company (The)	1	0	4,36	2,32	84 978 416 USD
351	MSI	Motorola Solutions, Inc.	1	0	2,47	1,35	211 051 984 USD
352	MSCI	MSCI Inc Class A	1	0	3,53	2,79	115 933 056 USD
353	MYL	Mylan Inc.	1	0	4,96	-0,36	127 673 624 USD
354	NOV	National-Oilwell Inc.	1	0	- 2,52	0,85	77 155 008 USD
355	NTES	Netease.com Inc.	1	0	3,47	1,28	200 066 784 USD
356	NFLX	Netflix Inc.	1	0	0,88	-0,13	1 813 670 016 USD
357	NTAP	Network Appliance Inc.	1	0	3,02	1,85	124 517 360 USD
358	NBIX	Neurocrine Biosciences Inc.	1	0	- 6,53	-0,95	102 505 648 USD
359	EDU	New Oriental Education & Technology Group Inc	1	0	5,32	1,63	110 200 736 USD
360	NWL	Newell Rubbermaid Inc.	1	0	5,48	1,96	71 641 272 USD
361	NEM	Newmont Mining Corporation	1	0	5,18	0,68	254 957 680 USD
362	NEE	NextEra Energy, Inc.	1	0	3,77	0,27	438 000 640 USD
363	NKE	Nike Inc.	1	0	1,86	0,56	590 934 080 USD
364	NI	NiSource Inc.	1	0	3,92	0,52	105 602 816 USD
365	NBL	Noble Energy Inc.	1	0	4,90	3,42	110 439 208 USD
366	JWN	Nordstrom Inc.	1	0	- 4,05	0,19	126 223 536 USD
367	NSC	Norfolk Souther Corporation	1	0	4,00	1,65	297 410 752 USD
368	NTRS	Northern Trust Corporation	1	0	- 0,18	0,85	105 745 752 USD
369	NOC	Northrop Grumman Corporation	1	0	3,06	0,92	351 415 520 USD
370	NRG	NRG Energy Inc.	1	0	3,98	1,28	105 969 632 USD
371	NUE	Nucor Corporation	1	0	- 0,28	-0,14	104 788 560 USD
372	NTNX	Nutanix, Inc	1	0	5,06	3,40	96 272 832 USD
373	NVDA	NVIDIA Corporation	1	0	2,43	1,36	1 735 130 624 USD
374	NVR	NVR Inc	1	0	3,44	-0,85	113 607 880 USD
375	ORLY	O'Reilly Automotive Inc.	1	0	0,84	0,66	209 109 936 USD
376	OXY	Occidental Petroleum Corporation	1	0	2,86	-1,24	435 372 704 USD
377	OKTA	Okta, Inc.	1	0	- 0,09	-0,13	182 418 640 USD
378	ODFL	Old Dominion Freight Line Inc.	1	0	7,71	1,41	99 393 176 USD
379	OMC	Omnicom Group Inc.	0	0	- 0,06	0,30	111 976 208 USD
380	ON	ON Semiconductor Corp.	1	0	0,68	0,60	111 063 296 USD
381	OKE	Oneok Inc.	1	0	1,54	1,14	133 882 376 USD
382	ORCL	Oracle Corporation	0	1	1,93	1,22	552 936 064 USD
383	OC	Owens Corning	1	0	- 0,12	-0,81	80 651 040 USD
384	PCAR	PACCAR Inc.	1	0	0,14	1,42	125 051 848 USD
385	PCG	Pacific Gas & Electric Co.	0	1	23,09	-0,94	204 284 368 USD
386	PANW	Palo Alto Networks Inc.	1	0	1,32	1,06	273 218 592 USD
387	PTC	Parametric Technology Corporation	1	0	4,51	2,08	62 473 440 USD
388	PH	Parker Hannifin Corporation	1	0	0,29	1,17	174 904 496 USD
389	PE	Parsley Energy Inc	1	0	- 3,19	1,47	104 270 368 USD
390	PAYX	Paychex Inc.	1	0	2,59	0,68	113 135 008 USD
391	PAYC	Paycom Software, Inc.	1	0	3,16	1,80	136 181 184 USD
392	PYPL	PayPal Holdings, Inc.	1	0	2,51	0,47	754 545 472 USD
393	PEP	Pepsico Inc.	1	0	3,57	0,29	487 744 416 USD
394	PFE	Pfizer Inc.	1	0	4,42	-0,14	728 890 880 USD
395	PM	Philip Morris Intl	1	0	0,31	0,27	376 678 496 USD
396	PSX	Phillips 66	0	0	- 1,73	-1,04	276 804 960 USD
397	PVH	Phillips-Van Heusen Corporation	1	0	- 3,78	0,65	87 750 688 USD
398	PDD	Pinduoduo Inc	1	0	- 0,37	2,17	275 659 648 USD
399	PNW	Pinnacle West Capital Corporation	1	0	3,72	0,64	86 482 640 USD
400	PINS	Pinterest Inc	0	1	16,91	5,46	215 718 672 USD
401	PXD	Pioneer Natural Resources Co.	1	0	- 3,44	1,09	208 044 128 USD
402	PNC	PNC Financial Services Group Inc.	1	0	- 5,09	-0,94	269 886 176 USD

403	RL	Polo Ralph Lauren Corporation	1	0	2,01	1,65	111 526 168 USD
404	PPL	PP&L Corporation	1	0	1,26	0,30	163 614 192 USD
405	PPG	PPG Industries Inc.	1	0	- 0,97	-2,54	168 355 904 USD
406	PG	Procter & Gamble Co.	1	0	1,79	0,08	807 010 368 USD
407	PGR	Progressive Corporation.	0	1	2,02	-0,36	250 361 952 USD
408	PLD	Prologis	1	0	4,93	1,23	262 251 376 USD
409	PRU	Prudential Financial Inc.	1	0	0,72	1,13	190 147 472 USD
410	PEG	Public Service Enterprise Group Inc.	0	1	1,02	-0,11	144 903 904 USD
411	PSA	Public Storage	0	1	2,76	0,81	214 847 680 USD
412	PHM	Pulte Homes Inc.	1	0	4,64	0,84	132 798 432 USD
413	QRVO	Qorvo Inc.	1	0	1,64	1,15	182 329 872 USD
414	QCOM	QUALCOMM Incorporated	1	0	2,09	2,36	774 285 568 USD
415	DGX	Quest Diagnostics Incorporated	1	0	0,86	0,35	84 535 512 USD
416	GOLD	Randgold Resources Limited	1	0	2,78	1,06	187 074 944 USD
417	RRC	Range Resources Corporation	0	1	- 4,59	-2,46	47 762 988 USD
418	RTN	Raytheon Company	1	0	1,60	1,26	290 034 624 USD
419	O	Realty Income Corporation	1	0	3,95	0,22	146 156 064 USD
420	REGN	Regeneron Pharmaceuticals Inc.	1	0	0,54	-1,32	263 620 336 USD
421	RF	Regions Financial Corporation	1	0	0,60	2,08	142 560 624 USD
422	RSG	Republic Services Inc.	1	0	2,81	1,03	90 387 216 USD
423	RMD	ResMed Inc.	1	0	1,99	1,26	76 202 280 USD
424	QSR	Restaurant Brand Int. Inc	0	1	0,55	0,70	155 992 448 USD
425	RH	Restoration Hardware Holdings, Inc.	1	0	2,20	1,00	245 940 112 USD
426	RNG	Ringcentral Inc	1	0	3,50	0,59	183 844 800 USD
427	ROK	Rockwell Automation Inc.	1	0	- 0,92	1,49	162 976 592 USD
428	ROKU	Roku Inc.	0	0	- 2,03	-1,07	2 412 023 040 USD
429	ROP	Roper Industries Inc.	1	0	1,51	0,58	185 177 712 USD
430	ROST	Ross Stores Inc.	1	0	- 3,34	0,23	196 104 576 USD
431	RCL	Royal Caribbean Cruises Ltd.	1	0	0,09	1,07	186 538 480 USD
432	SPGI	S&P Global, Inc.	1	0	2,97	1,29	297 609 504 USD
433	SAGE	Sage Therapeutics Inc.	0	1	- 2,66	-1,09	117 590 456 USD
434	CRM	salesforce.com Inc.	1	0	1,72	0,90	828 426 368 USD
435	SRPT	Sarepta Therapeutics, Inc.	1	0	- 1,01	0,04	139 781 712 USD
436	SBAC	SBA Communications Corporation	1	0	3,95	0,49	145 087 824 USD
437	SLB	Schlumberger Limited	1	0	- 2,70	1,17	401 917 536 USD
438	SE	Sea Ltd ADR	1	0	1,06	1,33	146 687 104 USD
439	STX	Seagate Technology.	1	0	1,76	1,68	124 596 232 USD
440	SGEN	Seattle Genetics Inc.	1	0	- 3,72	0,94	133 045 816 USD
441	SRE	Sempra Energy	1	0	4,27	0,67	229 202 544 USD
442	NOW	ServiceNow, Inc.	1	0	3,57	1,68	814 796 032 USD
443	SHAK	Shake Shack Inc.	0	1	15,15	2,90	120 082 024 USD
444	SHW	Sherwin Williams Co.	1	0	3,42	0,07	279 922 080 USD
445	SHOP	Shopify Inc.	1	0	4,90	0,62	772 933 440 USD
446	SIVB	Silicon Valley Bancshares	1	0	- 1,48	0,68	97 220 792 USD
447	SPG	Simon Property Group Inc.	0	1	2,98	0,97	233 992 736 USD
448	SIRI	Sirius Satellite Radio Inc.	1	0	2,12	0,41	129 395 344 USD
449	SWKS	Skyworks Solutions Inc.	1	0	2,87	2,21	223 494 496 USD
450	SNAP	Snap Inc.	1	0	5,12	0,32	372 682 976 USD
451	SNA	Snap On Inc.	1	0	1,20	0,89	62 158 608 USD
452	SEDG	SolarEdge Technologies, Inc.	1	0	- 0,03	-0,87	112 268 360 USD
453	SO	Southern Company	1	0	4,56	0,86	281 475 520 USD
454	LUV	Southwest Airlines Co.	1	0	1,84	0,49	185 483 952 USD
455	SPLK	Splunk, Inc.	1	0	3,75	2,75	264 749 936 USD
456	SPOT	Spotify Technology S.A.	1	0	- 3,74	-0,40	211 277 680 USD
457	S	SPRINT NEXTEL	0	1	- 1,60	1,23	80 084 936 USD
458	SQ	Square	0	0	2,34	-1,19	457 673 504 USD
459	SSNC	SS&C Technologies Holdings, Inc.	1	0	0,17	1,54	87 286 744 USD
460	STMP	Stamps.com Inc.	1	0	12,57	7,22	36 227 456 USD

461	SWK	Stanley Black & Decker, Inc.	1	0	3,17	2,04	177 567 632 USD
462	SBUX	Starbucks Corporation	1	0	2,26	1,13	564 441 408 USD
463	STT	State Street Corp.	1	0	- 2,14	-0,08	193 289 152 USD
464	STE	Steris Corporation.	1	0	1,54	1,02	107 690 016 USD
465	SYK	Stryker Corporation	0	0	- 1,02	1,31	301 632 064 USD
466	SU	Suncor Energy Inc.	1	0	- 0,20	-0,87	98 333 720 USD
467	SYF	Synchrony Financial	1	0	0,14	0,79	167 765 840 USD
468	SNPS	Synopsys Inc.	1	0	0,68	1,20	131 550 960 USD
469	SNV	Synovus Financial Corp.	1	0	1,38	1,64	48 180 224 USD
470	SYY	Sysco Corporation	1	0	- 2,32	0,01	170 486 272 USD
471	TMUS	T-Mobile US Inc.	1	0	2,04	1,45	216 040 752 USD
472	TROW	T. Rowe Price Group Inc.	1	0	2,91	1,43	105 995 568 USD
473	TTWO	Take-Two Interactive Software Inc.	1	0	- 0,29	0,81	144 949 968 USD
474	TRGP	Targa Resources Corp.	1	0	2,22	1,05	78 352 672 USD
475	TGT	Target Corporation	1	0	- 5,81	-0,58	634 836 928 USD
476	AMTD	TD Ameritrade Holding Corp.	1	0	1,76	4,02	242 345 392 USD
477	TDY	Teledyne Technologies Inc	1	0	3,12	0,67	94 735 120 USD
478	TER	Teradyne Inc.	1	0	3,28	1,95	130 795 640 USD
479	TSLA	Tesla Motors, Inc.	1	0	6,67	-0,96	4 313 151 488 USD
480	TEVA	Teva Pharmaceutical Industries Limited	1	0	17,73	0,75	182 263 184 USD
481	TXN	Texas Instruments Inc.	1	0	- 0,89	0,76	566 591 552 USD
482	TXT	Textron Inc	0	1	1,88	1,45	72 303 504 USD
483	BX	The Blackstone Group L.P.	1	0	3,97	3,29	220 942 352 USD
484	MDCO						
485	DIS	The Walt Disney Company	1	0	0,20	0,55	1 469 878 528 USD
486	WU	The Western Union Company	1	0	3,48	1,92	176 656 368 USD
487	TMO	Thermo Electron Corp	1	0	2,16	0,45	361 456 864 USD
488	TIF	Tiffany & Co.	1	0	0,24	0,02	441 288 032 USD
489	TJX	TJX Companies Inc.	1	0	0,27	1,63	292 580 032 USD
490	TSCO	Tractor Supply Company	0	1	0,30	0,77	118 875 728 USD
491	TTD	Trade Desk Inc.	1	0	- 1,96	-1,33	394 017 344 USD
492	TDG	Transdigm Group Incorporated	1	0	6,36	2,20	162 312 880 USD
493	RIG	Transocean Inc.	1	0	- 4,05	-0,48	88 883 928 USD
494	TRV	Travelers Companies Inc	0	1	0,89	0,93	180 519 584 USD
495	TRIP	TripAdvisor, Inc.	0	1	3,39	1,74	101 448 848 USD
496	FOXA	Twenty-First Century Fox, Inc	1	0	5,19	4,34	157 361 968 USD
497	TWLO	Twilio	0	0	5,80	-0,25	356 250 624 USD
498	TWTR	Twitter, Inc	0	1	2,91	2,88	523 832 544 USD
499	TEL	Tyco Electronics Ltd.	1	0	1,76	0,66	129 749 016 USD
500	TYL	Tyler Technologi	1	0	0,25	0,28	87 062 944 USD
501	TSN	Tyson Foods Inc.	1	0	0,90	-0,84	217 757 696 USD
502	USB	U.S. Bancorp	0	1	- 3,27	0,40	338 679 296 USD
503	UAL	UAL Corporation	1	0	1,80	1,41	183 608 448 USD
504	UBER	Uber Technologies Inc.	0	1	2,09	-0,94	908 592 256 USD
505	ULTA	Ulta Salon Cosmetics & Fragrance Inc.	0	1	5,12	0,28	309 574 816 USD
506	UNP	Union Pacific Corporation	1	0	2,68	1,71	472 597 664 USD
507	UPS	United Parcel Service Inc.	1	0	1,43	0,57	332 368 576 USD
508	URI	United Rentals Inc.	1	0	- 3,41	1,78	171 831 296 USD
509	X	United States Steel Corporation	0	1	- 3,59	-0,38	174 584 928 USD
510	UTX	United Technologies Corporation	1	0	- 0,06	1,04	415 087 136 USD
511	UNH	UnitedHealth Group Inc.	1	0	2,21	1,46	940 975 040 USD
512	OLED	Universal Display Corporation	1	0	- 2,30	0,06	95 169 560 USD
513	UHS	Universal Health Services Inc.	1	0	- 0,27	-0,24	80 881 408 USD
514	VFC	V.F. Corporation	1	0	- 0,67	-0,60	197 921 888 USD
515	MTN	Vail Resorts Inc.	1	0	- 1,48	1,62	66 283 576 USD
516	VLO	Valero Energy Corporation	1	0	- 3,36	-0,30	300 585 632 USD
517	VEEV	Veeva Systems Inc	0	1	1,09	2,00	203 201 968 USD
518	VTR	Ventas Inc.	0	1	3,65	1,62	145 373 088 USD

519	VER	VEREIT, Inc.	1	0	3,47	0,31	100 929 296 USD
520	VRSN	VeriSign Inc.	1	0	2,23	0,85	114 913 192 USD
521	VRSK	Verisk Analytics, Inc.	1	0	2,17	1,20	132 560 008 USD
522	VZ	Verizon Communications	1	0	1,39	0,96	700 071 616 USD
523	VRTX	Vertex Pharmaceuticals Incorporated	1	0	2,27	0,57	296 508 320 USD
524	V	Visa	1	0	3,98	0,57	1 361 424 000 USD
525	VST	Vistra Energy Corp.	0	1	1,48	2,06	118 142 904 USD
526	VMW	Vmware Inc.	0	1	0,26	1,71	177 700 576 USD
527	VOD	Vodafone Group Plc	1	0	2,11	-0,63	57 664 016 USD
528	VMC	Vulcan Materials Co.	0	1	- 1,70	0,15	131 536 112 USD
529	WAB	Wabtec Corporate	1	0	1,75	1,82	100 041 216 USD
530	WMT	Wal Mart Stores Inc	0	0	- 1,24	0,53	613 908 608 USD
531	WBA	Walgreens Boots Alliance, Inc.	0	1	- 0,47	-0,01	352 169 280 USD
532	WM	Waste Management Inc.	1	0	2,89	1,07	199 372 560 USD
533	WAT	Waters Corporation	1	0	3,85	1,38	101 847 424 USD
534	W	Wayfair Inc.	0	1	9,95	0,53	220 025 072 USD
535	WCG	Wellcare Group	1	0	1,08	0,62	142 054 416 USD
536	WFC	Wells Fargo & Co.	0	0	- 6,59	1,92	1 014 366 272 USD
537	WELL	Welltower Inc.	1	0	4,96	1,88	179 968 752 USD
538	WDC	Western Digital Corporation	1	0	0,07	2,99	292 684 448 USD
539	WRK	WestRock Company	1	0	2,04	1,85	98 575 576 USD
540	WY	Weyerhaeuser Co.	1	0	5,95	1,19	93 307 664 USD
541	WHR	Whirlpool Corporation	1	0	2,52	0,14	130 514 368 USD
542	WLL	Whiting Petroleum Corporation	0	1	- 16,54	-5,75	56 705 364 USD
543	WMB	Williams Companies Inc	0	1	1,56	0,96	245 152 976 USD
544	WLTW	Willis Towers Watson Public Ltd Co.	1	0	- 0,39	0,05	106 670 520 USD
545	WEC	Wisconsin Energy Corporation	1	0	4,54	1,06	127 596 872 USD
546	WDAY	Workday, Inc.	0	1	1,83	2,00	317 627 136 USD
547	WPX	WPX Energy, Inc.	1	0	- 6,02	-0,54	87 528 296 USD
548	WRB	WR Berkley Corp	0	0	1,69	1,13	93 941 336 USD
549	WMGI	Wright Medical Group Inc.	1	0	- 0,52	0,23	151 681 216 USD
550	WYNN	Wynn Resorts Limited	1	0	6,62	1,45	224 460 704 USD
551	XEL	Xcel Energy Inc	1	0	4,21	2,45	187 942 624 USD
552	XLNX	Xilinx Inc.	0	1	2,19	1,75	283 389 408 USD
553	XPO	XPO Logistics, Inc.	1	0	21,12	15,12	69 992 320 USD
554	YUM	Yum! Brands Inc.	0	1	- 0,77	0,90	209 725 120 USD
555	ZAYO	Zayo Group Holdings Inc.	1	0	0,20	0,08	87 973 672 USD
556	ZBRA	Zebra Technologi	1	0	2,54	2,36	154 296 448 USD
557	Z	Zillow Inc. Class A	1	0	3,08	0,23	108 326 368 USD
558	ZBH	Zimmer Biomet Holdings Inc.	1	0	0,11	0,41	129 136 312 USD
559	ZION	Zions Bancorporation	1	0	- 1,01	-1,32	99 874 296 USD
560	ZTS	Zoetis Inc.	1	0	3,09	0,50	264 676 320 USD
561	ZM	Zoom Video Communications Cl A	0	1	4,90	4,03	171 846 912 USD
562	ZNGA	Zynga Inc.	1	0	3,33	0,59	85 546 168 USD
563	XLNX	Xilinx Inc.	0	1	2,19	1,75	283 389 408 USD
			436	94			
			133 953 272 532,00 USD	-22 407 148 368,00 USD	wynik pt/pt lub z 5 sesji	wynik z 1 sesji	
		4,64	111 546 124 164,00 USD		1,67	0,89	