

INDEX

Legend Chart front inside cover

21-MONTH CHARTS MAJOR MARKET INDICES

Dow Jones Industrial Avg. 1
Dow Jones Transport. Avg. 1
Dow Jones Utility Average. 1
Dow Jones Composite 65..... 1
NASDAQ Composite Index.... 2
NASDAQ 100 Index..... 2
NYSE Composite Index..... 2
S&P 500 Composite Index.... 2
AMEX Composite Index..... 3
NIKKEI Stock Average..... 3
Value Line Geometric Index... 3
Wilshire 5000 Index..... 3

21-MONTH CHARTS S&P 500, NASDAQ 100, & DOW 65

3M Co. 4
Abbott Labs 4
Abbvie, Inc. 4
Accenture PLC..... 4
Acuity Brands Inc. 5
#Activision Blizzard, Inc 5
Adobe Systems Inc. 5
Advanced Auto Parts, Inc. 5
Advanced Micro Devices..... 6
AES Corp. 6
Aetna Inc. 6
Affiliated Managers Group, 6
AFLAC Inc. 6
Agilent Technologies Inc. 7
Air Prods & Chems Inc. 7
Akamai Technologies 7
Alaska Air Group..... 8
Albemarle Corp..... 8
Alcoa Inc. 8
Alexandra Real Estate 8
Alexion Pharmaceuticals 9
Align Technology Inc. 9
Alllegion plc 9
Allergan PLC..... 9
Alliance Data Systems 10
Alliant Energy Corp..... 10
Allstate Corp..... 10
Alphabet 10
Alphabet Cl. C 11
Altria Group..... 11
Amazon.com..... 11
Ameren Corp..... 11
American Airlines Group, ... 12
American Electric Power..... 12
American Express Co. 12
American Int'l. Group Inc. ... 12
American Tower 13
American Water Works Co. ... 13
Ameriprise Financial, Inc. ... 13
AmerisourceBergen Corp. ... 13
Ametek, Inc. 14
Amgen Inc. 14
Amphenol Corp 14
Anadarko Petroleum Corp. ... 14
Analog Devices Inc. 15
Andeavor 15
ANSYS Inc. 15
Anthem Inc. 15
Aon Corp. 16
Apache Corp. 16
Apartment Invt & Mgmt 16
Apple Inc. 16
Applied Materials Inc. 17
APTIV 17
Archer Daniels Midland..... 17
ASML Holding N.V. 17
Assurant Inc. 18
AT&T Corp. 18
Autodesk Inc. 18
Automatic Data Processing ... 18
Autozone Inc. 19
AvalonBay Communities Inc. 19
Avery Dennison Corp. 19

Baidu Com Inc. 19
Baker Hughes Inc. 20
Ball Corp. 20
Bank of America Corp. 20
Bank of N.Y. Mellon Corp. ... 20
Bard (C R) Inc. 21
Baxter Int'l. Inc. 21
BB&T Corporation 21
Becton Dickinson & Co. 21

Berkshire Hathaway Cl. B. 22
Best Buy Inc. 22
Biogen Idec Inc. 22
BioMarin Pharmaceutical.... 22
Blackrock Inc. 23
Block (H & R) Inc. 23
Boeing Co. 23
Borgwarner Inc. 23
Boston Properties 24
Boston Scientific Corp. 24
Brighthouse Financial..... 24
Bristol Myers Squibb Co. 24
Broadcom Ltd. 25
Brown Forman Corp. 25

CH Robinson Worldwide.... 25
CA Inc. 25
Cabot Oil & Gas Corp. 26
Cadence Design Systems... 26
Campbell Soup Company 26
Capital One Financial Corp. ... 26
Cardinal Health Inc. 27
Carmax Inc. 27
Carnival Corp. 27
Caterpillar Inc. 27
CBOE Holdings..... 28
CB Richard Ellis Group..... 28
CBS Corporation 28
Celgene Corporation 28
Centene Corporation 29
CenterPoint Energy Inc. 29
CenturyTel Inc. 29
Cerber Corp. 29
C F Industries 30
Charter Communications ... 30
Check Point Software Tech 30
Chesapeake Energy Corp. 30
Chevron Corp. 31
Chipotle Mexican Grill, Inc. 31
Chubb Limited. 31
Church & Dwight Inc. 31
Cigna Corp. 32
Cimarex Energy Co. 32
Cincinnati Financial Corp. 32
Cintas Corp. 32
Cisco Systems, Inc. 33
Citigroup Inc. 33
Citizens Financial Group 33
Citrix Systems, Inc. 33
Clorox Co. 34
CME Group Inc. 34
CMS Energy Corp. 34
Coca Cola Co. 34
Cognizant Technology 35
Colgate Palmolive Co. 35
Comcast Corp. 35
Comerica Inc. 35
ConAgra Foods, Inc. 36
Concho Resources, Inc. 36
ConocoPhillips 36
Consolidated Edison Inc. 36
Constellation Brands 37
Cooper Cos..... 37
Corning Inc. 37
Costco Wholesale Corp. 37
Coty Inc. 38
Crown Castle Int'l. Corp. 38
CSRA, Inc. 38
CSX Corporation 38
Ctrip.com Int'l. Ltd 39
Cummins Inc. 39
CVS/Caremark Corporation ... 39

D.R. Horton..... 39
Danaher Corp. 40
Darden Restaurants Inc. 40
DaVita Inc. 40
Deere & Co. 40
Delta Airlines Inc. 41
Dentsply Intl Inc. 41
Devon Energy Corp. 41
Digital Realty Trust 41
Discover Financial Services .. 42
Discovery Comm Cl. A. 42
Discovery Comm Cl. K. 42
Dish Network Corp. 42
Disney Walt Co. 43
Dollar General Corp. 43
Dollar Tree Inc. 43
Dominion Resources Inc. 43
Dover Corp. 44
Dow Chemical Company 44
Dr Pepper Snapple Group Inc 44
DTE Energy Co. 44
Duke Energy Corp. 45
Duke Realty Corp. 45
DXC Technology Corp. 45

E*TRADE Financial Corp. 45

Eastman Chemical Co. 46
Eaton Corp. 46
eBay Inc. 46
Ecolab Inc. 46
Edison International..... 47
Edwards Lifesciences Corp.... 47
Electronic Arts Inc. 47
Emerson Electric Co. 47
ENSCO PLC 48
Entergy Corporation 48
Envision Healthcare Corp.... 48
EOG Resources Inc. 48
EQT Corp. 49
Equifax Inc. 49
Equinix Inc. 49
Equity Residential..... 49
Essex Property Trust, Inc. 50
Everest Re Group 50
Eversource Energy..... 50
Exelon Corp. 50
#Expedia, Inc. 51
Expeditors Int'l. WA 51
Express Scripts Inc. 51
Extra Space Storage 51
Exxon Mobil Corp. 52

F 5 Networks, Inc. 52
Facebook, Inc. 52
Fastenal Co. 52
Federal Realty Invest Trust .. 53
FedEx Corp. 53
Fidelity Nat'l. Information... 53
Cerber Corp. 53
Firstenergy Corp 54
Fiserv Inc. 54
Flir Systems Inc. 54
Fluorserve Corp. 54
Fluor Corp. 55
FMC Corp. 55
Foot Locker Inc. 55
Ford Motor Company 55
Fortive Corp. 56
Fortune Brands Home/Sec 56
Franklin Resources Inc. 56
Freeport McMoRan Cpr&Gld.. 56

Gallagher Arthur J & Co..... 57
Gap Inc. 57
Garmin Ltd 57
Gartner Inc. 57
GATX Corp. 58
General Dynamics Corp. 58
General Electric Co. 58
General Growth Pptys..... 58
General Mills Inc. 59
General Motors Co. 59
Genuine Parts Co. 59
Gilead Sciences Inc. 59
Global Payments 60
Goldman Sachs Group Inc. ... 60
Goodyear Tire & Rubr Co. 60
Grainger W.W., Inc 60

Halliburton Co. 61
Hanesbrands, Inc. 61
Harley Davidson Inc. 61
Harris Corp. 61
Hartford Finl Svcs Group 62
Hasbro Inc. 62
HCA Holdings, Inc. 62
HCP Inc. 62
Helmerich & Payne Inc. 63
Hershey Company (The) 63
Hess Corporation 63
Hewlett Packard Co. 63
Hilton Worldwide Hldgs. 64
Hologic Inc. 64
Home Depot Inc. 64
Honeywell Intl Inc. 64
Hormel Foods Corp. 65
Host Hotels & Resorts, Inc. ... 65
HP, Inc. 65
Humana Inc. 65
Hunt J. B. Trans Svcs Inc. ... 66
Huntington Bancshares Inc. 66

IDEXX Labs..... 66
IHS Markit Ltd. 66
Illinois Tool Works Inc. 67
Illumina, Inc. 67
Incyte Corp. 67
Ingersoll - Rand, plc 67
Intel Corp. 68
Intercontinental Ex. Inc. 68
International Business Machs .. 68
International Flavors & Fragr. 68
International Paper Co. 69
Interpublic Group Cos Inc. ... 69
Intuit Inc. 69

Intuitive Surgical, Inc. 69
Invesco Ltd. 70
IQVIA Holdings, Inc. 70
Iron Mountain Inc. 70

Jacobs Engg Group. 70
JD.Com 71
JetBlue Airways Corp. 71
Johnson & Johnson..... 71
Johnson Controls Inc. 71
Johnson Controls Inc. TYCO. 72
JPMorgan Chase & Co. 72
Juniper Networks Inc. 72

Kansas City Southern 72
Kellogg Co. 73
Keycorp..... 73
Kimberly Clark Corp. 73
Kimco Realty Corp. 73
Kinder Morgan Inc. 74
Kirby Corp. 74
KLA-Tencor Corporation ... 74
Kohls Corp. 74
Kraft Heinz Company 75
Kroger Corp. 75

L Brands, Inc. 75
L-3 Communications Hldgs. ... 75
Laboratory Corp Amer Hldgs. 76
Lam Research Corp. 76
Landstar System, Inc. 76
Lauder (Este) Cos. Inc. 76
Leggett & Platt Inc. 77
Lennar Corporation 77
Leucadia Natl Corp. 77
Liberty Global Inc LBTYK. 77
Liberty Global LBTYA 78
Liberty Interactive Corp. ... 78
Liberty Interactive Corp. ... 78
Liberty Media Cp. Cl A. 78
Liberty Media Cp/ Cl C. 79
Lilly Eli & Co. 79
Lincoln National Corp. 79
LKQ Corporation 79
Lockheed Martin Corp..... 80
Loews Corp. 80
Lowe's Companies, Inc. 80
LyondelBasell Ind. N V. 80

M&T Bank Corporation 81
Macerich, Inc. 81
Macy's Inc. 81
Marathon Oil Corp. 81
Marathon Pete Corp. 82
Marriott International Inc. ... 82
Marsh & McLennan Cos Inc. . 82
Martin Marietta Materials 82
Masco Corp. 83
Mastercard. 83
Matson, Inc. 83
Mattel Inc. 83
Maxim Integrated Prod. 84
McCormick & Co Inc. 84
McDonald's Corporation 84
McKesson Corporation..... 84
Medtronic Inc. 85
MercadoLibre 85
Merck & Co Inc. 85
MetLife Inc. 85
Mettler Toledo 86
MGM Resorts Int'l. 86
Michael Kors Hldgs, Ltd 86
Microchip Technology Inc. . 86
Micron Technology Inc. 87
Microsoft Corp. 87
Mid- America Apartments 87
Mohawk Industries, Inc 87
Molson Coors Brewing Co. 88
Mondelez Int'l, Inc 88
Monsanto Co. 88
Hormel Foods Corp. 88
Monster Beverage Corp 88
Moody's Corporation 89
Morgan Stanley 89
Mosaic Co. New 89
Motorola Solutions, Inc. 89
Mylan Labs Inc. 90

NASDAQ OMX Group 90
National Oilwell Varco..... 90
Navient Corp. 90
NetAPP, Incorporated..... 91
NetFlix, Inc. 91
Newell Rubbermaid Inc. 91
Newfield Exploration 91
Newmont Mining Corp. 92
Nextera Energy, Inc. 92
Nielsen Holdings NV..... 92
Nike Inc. 92
NiSource Inc. 93

Noble Energy Inc. 93
Nordstrom Inc. 93
Norfolk Southern Corp. 93
Northern Trust Corp. 94
Northrop Grumman Corp. 94
Norwegian Cruise Line.... 94
NRG Energy..... 94
Nucor Corp. 95
Nvidia Corp. 95
NXP Semiconductors NV... 95

O'Reilly Automotive Inc 95
Occidental Petroleum Corp.... 96
Omnicon Group Inc. 96
Oneok Inc. 96

PACCAR Inc. 96
Packaging Cp. Of Amer..... 97
Parker Hannifin Corp. 97
Patterson Companies, Inc. ... 97
Paychex Inc. 97
Paypal Holdings Inc. 98
Pentair Corp. 98
People's United Financial. . 98
Pepsico Inc. 98
PerkinElmer Inc 99
Perrigo Co. 99
Pfizer, Corp. 99
PG & E Corp. 99
Philip Morris Int'l..... 100
Phillips 66 100
Pinnacle West Capital 100
Pioneer Natural Resources... 100
PNG Financial Svcs. 101
PPG Industries..... 101
PPL 101
Praxair Inc. 101
Price T. Rowe 102
Priceline.com Inc 102
Principal Financial Grp. 102
Procter & Gamble Co. 102
Progressive Corporation 103
ProLogis 103
Prudential Financial Inc. 103
Public Svc Enterprise Group. 103
Public Storage, Inc. 104
PulteGroup Inc 104
PVH Corp 104

Qorvo, Inc. 104
Qualcomm Inc. 105
Quanta Services Inc. 105
Quest Diagnostics Inc. 105

Ralph Lauren Corp. 105
Range Resources 106
Raymond James Finan..... 106
Raytheon Co. 106
Realty Income Corp. 106
Red Hat Inc. 107
Regency Ctrs Corp. 107
Regeneron Pharmaceuticals 107
Regions Financial Corp. 107
Republic services Inc. 108
ResMed 108
Robert Half Intl Inc. 108
Rockwell Automation Inc. 108
Rockwell Collins Inc. 109
Roper Inds 109
Ross Stores. 109
Royal Caribbean Cruise Line 109

S&P Global, Inc. 110
Salesforce.com 110
SBA Communications Cp. ... 110
SCANIA Corporation 110
Schein Henry Inc 111
Schlumberger Ltd. 111
Schwab Charles Cp 111
Scripps Network Interactive. 111
Seagate Technologies 112
Sealed Air Corporation..... 112
Sempra Energy Corp. 112
Sherwin-Williams Co. 112
Shire plc 113
Signet Jewelers. 113
Simon Property Group Inc. ... 113
Sirius XM Radio Inc 113
Skyworks Solutions Inc. ... 114
SLG Green Realty. 114
A.O.Smith..... 114
Smucker J. M & Co. 114
Snap-on Incorporated 115
Southern Co. 115
Southwest Airlines Co. 115
Stanley Black & Decker 115
Starbucks Corp. 116
State Street Corp. 116
Stericycle Inc. 116

INDEX

Stryker Corp.116
 SunTrust Banks, Inc.117
 # Symantec Corp.117
 Synchrony Financial117
 # Synopsys, Inc.117
 Sysco Corp.118

T Mobile US, Inc.118
 # Take-Two Interactive.118
Tapestry, Inc.118
 Target Corp.119
 TE Connectivity Ltd.119
 TechNip/FMC.119
 # Tesla Motors, Inc.119
 Texas Instruments Inc.120
 Traxton Inc.120
 Thermo Fisher Scientific.120
 Tiffany & Co.120
 Time Warner Inc.121
 TJX Companies Inc.121
 Torchmark Corp.121
 Total System Services.121
 # Tractor Supply Co.122
 Transdigm Group.122
 Travelers Companies Inc.122
 TripAdvisor, Inc.122
 Twenty 1st Century Fox A.123
 Tyson Foods, Inc.123

UDR, Inc.123
 # Ulta Salon Cosmetics.123
 Under Armour, Inc.124
 Union Pacific Corporation.124
 United Continental Hldgs.124
 United Parcel Services, Inc.124
 United Rental Inc.125
 United Technologies Corp.125
 UnitedHealth Group.125
 Universal Health Services.125
 UnumProvident Corp.126
 US Bancorp.126

V F Corp.126
 Valero Energy Corp.126
 Varian Medical System.127
 Ventas Inc.127
 # Verisign Inc.127
 # Verisk Analytics Inc.127
 Verizon Communications.128
 # Vertex Pharmaceuticals.128
 Viacom Inc.128
 Visa Inc.128
 Vodafone Group PLC.129
 Vornado Realty Trust.129
 Vulcan Materials Co.129

Walgreen Boots Alliance.129
 Wal-Mart Stores Inc.130
 Waste Management Inc.130
 Waters Corp.130
 WEC Energy Group, Inc.130
 Wells Fargo & Company.131
 Welltower.131
 Western Digital Corp.131
 Western Union Company.131
 Westrock Company.132
 Weyerhaeuser Corp.132
 Whirlpool Corp.132
 Williams Companies, Inc.132
 # Willis Towers Watson.133
Workday, Inc.133
 Wyndham Worldwide Corp.133
 # Wynn Resorts Ltd.133

Xcel Energy Inc.134
 Xerox Corp.134
 # Xilinx Inc.134
 XL Group Ltd.134
 Xylem, Inc.135
 Yum! Brands Inc.135
 Zimmer Holdings, Inc.135
 # Zions Bancorporation.135
 Zoetis, Inc.136

12-YEAR CHARTS MAJOR MARKET INDICES

Dow Jones Industrial Avg.137
 Dow JonesTrans. Average.137
 Dow Jones Utility Avg.137
 Dow Jones 65 Composite.137
 NASDAQ Composite.138
 NASDAQ 100 Index.138
 NYSE Composite Index.138
 S&P 500 Composite.138

AMEX Composite Index139
 NIKKEI Stock Average.139
 Value Line Geometric Index.139
 WILSHIRE 5000 Index.139

12-YEAR CHARTS S&P 500, NASDAQ 100, & DOW 65

3 M Company.140
 Abbott Labs.140
 # Abbvie Incorporated.140
 Accenture PLC.140
 Acuity Brands Inc.141
 # Activision Blizzard, Inc.141
 # Adobe Systems Inc.141
 Advanced Auto Parts Inc.141
 Advanced Micro Devices.142
 AES Corp.142
 Atena Incorporated.142
 Affiliated Managers Grp.142
 AFLAC Incorporated.143
 Agilent Technologies Inc.143
 Air Products & Chemical.143
 # Akamai Technologies.143
 Alaska Air Group.144
 Albermarle Corp.144
 Alcoa Incorporated.144
 Alexandra Real Estate.144
 # Alexion Pharmaceuticals.145
 # Align Technology Inc.145
 Alliegon PLC.145
 Allergan PLC.145
 Alliance Data Systems.146
 Alliant Energy Corp.146
 Allstate Corporation.146
 # Alphabet.146
 # Alphabet Cl. "C".147
 Altria Group.147
 # Amazon.com.147
 Ameren Corporation.147
 American Airlines Group.148
 American Electric Power.148
 American Express Co.148
 American Int'l. Group.148
 American Tower.149
 American Water Works Co.149
 Ameriprise Financial, Inc.149
 AmerisourceBergen Corp.149
 Ametek, Incorporated.150
 # Amgen Inc.150
 Amphenol Corporation.150
 Anadarko Petroleum Corp.150
 Analog Devices Inc.151
 Andeavor.151
 # ANSYS Incorporated.151
 Anthem, Inc.151
 AON Corporation.152
 Apache Corporation.152
 Apartment Inv. & Mgmt.152
 # Apple Incorporated.152
 # Applied Materials Inc.153
APTIV Incorporated.153
 Archer Daniels Midland.153
ASML Holding N.V.153
 Assurant Incorporated.154
 AT & T Corporation.154
 # Autodesk Inc.154
 Automatic Data Processing.154
 Autozone Inc.155
 AvalonBay Communities Inc.155
 Avery Dennison Corp.155

Bidu, Incorporated.155
 Baker Hughes Inc.156
 Ball Corporation.156
 Bank of America Corp.156
 Bank of N.Y. Mellon Corp.156
 Bard C.R., Inc.157
 Baxter Int'l, Inc.157
 BB&T Corporation.157
 Becton Dickinson & Co.157
 Berkshire Hathaway Cl. "B".158
 Best Buy Inc.158
 # Biogen Incorporated.158
 # BioMarin Pharmaceutical.158
 Blackrock Inc.159
 Block H&R, Inc.159
 The Boeing Co.159
 Borgwarner Inc.159
 Boston Properties.160
 Boston Scientific Corp.160
 Brighthouse Financial.160
 Bristol-Myers Squibb Co.160
 Broadcom Ltd.161
 Brown Forman Corp.161

CH Robinson Worldwide.161

CA Incorporation.161
 Cabot Oil & Gas Corp.162
Cadence Design Systems.162
 Campbell Soup Company.162
 Capital One Financial Corp.162
 Cardinal Health Inc.163
 Carmax Inc.163
 Carnival Corporation.163
 Caterpillar Inc.163
 CBOE Global Mkts, Inc.164
 CBRE Group Corp.164
 CBS Corporation.164
 # Celgene Corporation.164
 Centene Corporation.165
 CenterPoint Energy Inc.165
 CenturyLink, Inc.165
 # Cerner Corp.165
 CF Industries Holdings, Inc.166
 # Charter Communications.166
 # Check Point Software.166
 Chesapeake Energy Corp.166
 Chevron Corporation.167
 Chipotle Mexican Grill, Inc.167
 Chubb Ltd.167
 Church & Dwight Inc.167
 Cigna Corporation.168
 Cimarex Energy Co.168
 # Cincinnati Financial Cp.168
 # Cintas Corporation.168
 # Cisco Systems, Inc.169
 Citigroup Incorporation.169
 Citizens Financial Group.169
 # Citrix Systems, Inc.169
 Clorox Company.170
 # CME Group Inc.170
 CMS Energy Corporation.170
 Coca Cola Company.170
 # Cognizant Technology.171
 Colgate Palmolive Co.171
 # Comcast Corp.171
 Comerica Incorporated.171
 ConAgra Foods, Inc.172
 Concho Resources Inc.172
 Conoco Phillips Co.172
 Consolidated Edison Inc.172
 Constellation Brands Inc.173
 Cooper Companies.173
 Corning Incorporation.173
 # Costco Wholesale Corp.173
 Coty Inc.174
 Crown Castle Cp. (REIT).174
 CSRA, Inc.174
 CSX Corp.174
 # Ctrip.com Int'l, Ltd.175
 Cummins Inc.175
 CVS Health Corporation.175

D.R. Horton, Inc.175
 Danaher Corp.176
 Darden Restaurants, Inc.176
 DaVita Incorporation.176
 Deere & Company.176
 Delta Airlines Inc.177
 # Dentsply Int'l, Inc.177
 Devon Energy Corp.177
 Digital Realty Trust.177
 Discover Financial Svcs.178
 # Discovery Comm. Cl. "A".178
 # Discovery Comm. Cl. "K".178
 # Dish Network Corp.178
 Disney Walt Company.179
 Dollar General Corp.179
 # Dollar Tree, Inc.179
 Dominion Resources Inc.179
 Dover Corporation.180
 DowDupont Inc.180
 DTE Energy Co.180
 Duke Energy Corporation.181
 Duke Realty Corp.181
 DXC Technology Co.181

E*TRADE Financial Cp.181
 Eastman Chemical Co.182
 Eaton Corp.182
 # eBay Inc.182
 Ecolab Inc.182
 Edison Int'l.183
 Edwards Lifesciences Corp.183
 # Electronic Arts Inc.183
 Emerson Electric Co.183
 ENSCO Plc.184
 Entergy Corporation.184
 Envision Healthcare Corp.184
 EOG Resources Inc.184
 EQT Corporation.185
 Equifax Inc.185
 Equinix Inc.185
 Equity Residential.185

Essex Property Trust, Inc.186
 Everest RE Group.186
 Eversource Energy.186
 Exelon Corporation.186
 # Expedia, Inc.187
 # Expeditors Int'l. WA.187
 # Express Scripts Inc.187
 Extra Space Storage.187
 Exxon Mobile Corp.188

F5 Networks, Inc.188
 # Facebook, Inc.188
 # Fastenal Company.188
 Federal Realty Inv. Trust.189
 Fedex Corp.189
 Fidelity Nat'l. Information.189
 # Fifth Third Bancorp.189
 Firstenergy Corp.190
 # Fiserv Inc.190
 # Flir Systems Inc.190
 Flowerserve Corp.190
 Fluor Corporation.191
 FMC Corporation.191
 Foot Locker Inc.191
 Ford Motor Company.191
 Fortive Corp.192
 Fortune Brands Home/Sec.192
 Franklin Resources Inc.192
 Freeport McMoRan C&G.192

Gallagher Arthur J. & Co.193
 Gap, Inc.193
 # Garmin Ltd.193
 Gartner Inc.193
 GATX Coporation.194
 General Dynamics Corp.194
 General Electric Company.194
 General Growth Ppty.194
 General Mills Inc.195
 General Motors Co.195
 Genuine Parts Co.195
 # Gilead Sciences Inc.195
 Global Payments Inc.196
 Goldman Sachs Group Inc.196
 Goodyear Tire & Rubber.196
 Grainger W.W., Inc.196

Halliburton Co.197
 HanesBrands, Inc.197
 Harley-Davidson, Inc.197
 Harris Corp.197
 Hartford Financial Svcs Grp.198
 # Hasbro, Inc.198
 HCA Holdings, Inc.198
 HCP, Inc.198
 Helmerich & Payne Inc.199
 Hershey Company (The).199
 Hess Corporation.199
 Hewlett Packard Co.199
 Hilton Worldwide Holdings.200
 Hologic Inc.200
 Home Depot Inc.200
 Honetelz Int'l. Inc.200
 Hormel Foods Corp.201
 Host Hotels & Resorts, Inc.201
 HP, Incorporation.201
 Humana Inc.201
 # Hunt J.B. Trans.Svcs. Inc.202
 # Huntington Bancshares Inc.202

IDEXX Labs, Inc.202
 # HIS Markit Ltd.202
 Illinois Tool Works Inc.203
 # Illumina, Inc.203
 # Incyte Corporation.203
 Ingersoll-Rand Plc.203
 # Intel Corp.204
 International Exchange, Inc.204
 IBM Corporation.204
 Int'l. Flavors & Fragrances.204
 International Paper Co.205
 Interpublic Grp Cos. Inc.205
 # Intuit Inc.205
 # Intuitive Surgical, Inc.205
 Invesco Ltd.206
IQVIA Holdings Inc.206
 Iron Mounstain Inc.206

Jacobs Engr Group Inc.206
 # JD.com.207
 # JetBlue Airways Corp.207
 Johnson & Johnson.207
 Johnson Controls Inc.207
 Johnson Controls (TYCO).208
 JP Morgan Chase & Co.208
 # Juniper Networks Inc.208
 Kansas City Southern.208
 Kellogg Company.209

KeyCorp.209
 Kimberly Clark Corp.209
 Kimco Realty Corp.209
 Kinder Morgan Inc.210
 Kirby Corp.210
 # KLA-Tencor Corp.210
 Kohl's Corporation.210
 # Kraft Heinz Company.211
 Kroger Corporation.211

L Brands, Inc.211
 L3 Communications Hldgs.211
 Laboratory Corp. of Amer.212
 # Lam Research Corp.212
 # Landstar System Inc.212
 Lauder (Estee) Cos., Inc.212
 Leggett & Platt, Inc.213
 Lenmar Corporation.213
 Leucadia National Corp.213
 # Liberty Global LILA.213
 # Liberty Global LBTYK.214
 # Liberty Global LBTYA.214
 # Liberty Global LILAK.214
 # Liberty Interactive LVNT.214
 # Liberty Interactive QVCA.215
 Lily Eli & Co.215
 Lincoln National Corp.215
 LKQ Corporation.215
 Lockheed Martin Corp.216
 Loews Corporation.216
 Lowe's Companies, Inc.216
 LyondellBasell Ind. N.V.216

M & T Bank Corporation.217
 Macerich, Inc.217
 Macy's Incorporation.217
 Marathon Oil Corp.217
 Marathon Petroleum Corp.218
 Marriott International Inc.218
 Marsh & McLennan Cos.218
 Martin Marietta Materials.218
 Masco Corporation.219
 Mastercard.219
 Matson, Inc.219
 # Mattel, Inc.219
 # Maxim Integrated Products.220
 McCormick & Co., Inc.220
 McDonald's Corporation.220
 McKesson Corp.220
 Medtronic plc.221
 Mercadolibre, Inc.221
 Merck & Company, Inc.221
 MetLife, Inc.221
 Mettler-Toledo Int'l Inc.222
 MGM Resorts Int'l.222
 Michael Kors Holdings Ltd.222
 # Microchip Technology.222
 Micron Technology Inc.223
 # Microsoft Corp.223
 Mid-America Apartments.223
 Mohawk Industries, Inc.223
 Molson Coors Brewing Co.224
 # Mondelez Int'l, Inc.224
 Monsanto Company.224
 # Monster Beverage Co.224
 Moody's Corporation.225
 Morgan Stanley.225
 Mosaic Company.225
 Motorola Solutions, Inc.225
 Mylan N.V.226

NASDAQ OMX Group.226
 National Oilwell Varco.226
 # Navient Corp.226
 # NetApp, Inc.227
 # Netflix, Incorporation.227
 Newell Rubbermaid Inc.227
 Newfield Exploration.227
 Newmont Mining Corp.228
 Nextera Energy, Inc.228
 # Nielsen Holdings N.V.228
 Nike Incorporation.228
 NISource Inc.229
 Noble Energy Inc.229
 Nordstrom Inc.229
 Norfolk Southern Corp.229
 # Northern Trust Corp.230
 Northrop Grumman Corp.230
 # Noewegian Cruise Line.230
 NRG Energy, Inc.230
 Nucor Corp.231
 # Nividia Corp.231
 #NXP Semiconductors NV.231

O'Reilly Automotive Inc.231
 Occidental Petroleum Corp.232
 Omnicom Group Inc.232
 Oneok Inc.232

INDEX

PACCAR Inc.232
 Packaging Corp of America. 233
 Parker Hannifin Corp.233
 # Patterson Companies, Inc.233
 # Paychex Inc.233
 # Paypal Holdings, Inc.234
 Pentair Corp.234
 # People's United Financial. 234
 Pepsico Inc.234
 PerkinElmer Inc.235
 # Perrigo Company235
 Pfizer, Corporation.235
 PG &E Corporation.235
 Philip Morris Int'l. Inc.236
 Phillips 66.236
 Pinnacle West Capital.236
 Pioneer Natural Resources. 236
 PNC Financial Services.237
 PPG Industries.237
 PPL Corporation.237
 Praxair Inc.237
 # Price T. Rowe Group, Inc.238
 # Priceline Group Inc.238
 Principal Financial Group. 238
 Proctor & Gamble Co.238
 Progressive Corp.239
 Prologis, Inc.239
 Prudential Financial Inc.239
 Public Svcs Enterprise Grp. 239
 Public Storage, Inc.240
 PulteGroup, Inc.240
 PVH Corporation.240

Qorvo, Inc.240
 # Qualcomm Inc.241
 Quanta Services, Inc.241
 Quest Diagnostics Inc.241

Ralph Lauren Corporation.241
 Range Resources Corp.242
 Raymond James Financial.242
 Raytheon Co.242
 Realty Income Corp.242
 Red Hat, Inc.243
 Regency Centers Corp.243
 # Regeneron Pharmaceutical 243
 Regions Financial Corp.243
 Republic Services Inc.244
 ResMed Inc.244
 Robert Half Int'l. Inc.244
 Rockwell Automation Inc.244
 Rockwell Collins Inc.245
 Roper Industries.245
 # Ross Stores, Inc.245
 Royal Caribbean Cruises Ltd 245

S&P Global, Inc.246
 Salesforce.com, Inc.246
 # SBA Communications Cp. 246
 SCANA Corporation.246
 # Schein Henry, Inc.247
 Schlumberger Ltd.247
 Schwab Charles Corp.247
 # Scripps Networks Interact. 247
 # Seagate Technologies.248
 Sealed Air Corporation.248
 Sempra Energy Corp.248
 Sherwin-Williams Co.248
 # Shire plc.249
 Signet Jewelers Ltd.249
 Simon Property Group Inc. 249
 # Sirrus XM Radio Inc.249
 # Skyworks Solutions Inc.250
 SLG Green Realty Corp.250
 Smith A.O. Corp.250
 Smucker J.M. & Co.250
 Snap-On- Inc.251
 Southern Company.251
 Southwest Airlines Co.251
 Stanley Black & Decker.251
 # Starbucks Corp.252
 State Street Corp.252
 # Stericycle Inc.252
 Stryker Corp.252
 SunTrust Banks, Inc.253
 # Symantec Corp.253
 Synchrony Financial.253
 # Synopsys, Inc.253
 Sysco Corporation.254

T Mobile US, Inc.254
 # Take-Two Interactive.254
Tapestry Incorporation.254
 Target Corp.255
 TE Connectivity Ltd.255
 TechNip/FMC.255
 # Tesla Motors, Inc.255
 Texas Instruments Inc.256
 Textron Inc.256

Thermo Fisher Scientific.256
 Tiffany & Co.256
 Time Warner Inc.257
 TJX Companies Inc.257
 Torchmark Corp.257
 Total System Services.257
 # Tractor Supply Co.258
 Transdigm Group.258
 Travelers Companies Inc.258
 TripAdvisor, Inc.258
 Twenty 1st Century Fox A.259
 Tyson Foods, Inc.259

UDR, Inc.259
 # Ultra Salon Cosmetics.259
 Under Armour, Inc.260
 Union Pacific Corporation. 260
 United Continental Hldgs.260
 United Parcel Services, Inc. 260
 United Rental Inc.261
 United Technologies Corp.261
 UnitedHealth Group.261
 Universal Health Services.262
 UnumProvident Corp.262
 US Bancorp.262

V F Corp.262
 Valero Energy Corp.262
 Varian Medical System.263
 Ventas Inc.263
 # Verisign Inc.263
 # Verisk Analytics Inc.263
 Verizon Communications.264
 # Vertex Pharmaceuticals.264
 Viacon Inc.264
 Visa Inc.264
 Vodafone Group PLC.265
 Vornado Realty Trust.265
 Vulcan Materials Co.265

Walgreen Boots Alliance.265
 Wal-Mart Stores Inc.266
 Waste Management Inc.266
 Waters Corp.266
 WEC Energy Group, Inc.266
 Wells Fargo & Company.267
 Welltower.267
 Western Digital Corp.267
 Western Union Company.267
 Westrock Company.268
 Weyerhaeuser Corp.268
 Whirlpool Corp.268
 Williams Companies, Inc.268
 # Willis Towers Watson.269
 # **Workday, Inc.**269
 Wyndham Worldwide Corp. 269
 # Wynn Resorts Ltd.269

Xcel Energy Inc.270
 Xerox Corp.270
 # Xilinx Inc.270
 XL Group Ltd.270
 Xylem, Inc.271

Yum! Brands Inc.271

Zimmer Holdings, Inc.271
 # Zions Bancorporation.271
 Zoetis, Inc.272

NYSE & AMEX CHARTS

ALPHABETICAL LISTING OF COMPANIES

3-D Systems Corp.273
 Abercrombie & Fitch Co.273
 ABM Industries Inc.273
 ACCO Brands Corp.273
 Actuant Corporation.274
 Adtalem Global Ed. Inc.274
 Advanced Drain Systems.274
 AECOM.274
 AerCap Holdings N.V.275
 Aerojet Rocketdyne Holding 275
 AGCO Corporation.275
 Air Lease Corporation.275
 AK Steel Holding Corp.276
 Alamo Group, Inc.276
 Albany Int'l Corp.276
 Allegheny Corp. Del.276
 Allegheny Technologies Inc. 277
 ALLETE Inc.277
 AllianceBernstein Holding LR277
 Allison Transmission Hldgs. 277

Amber Road Inc.278
 AMC Entertainment Hldgs.278
 Ameresco Incorporation.278
 American Axle & Mfg. Hldg 278
 American Eagle Outfitters.279
 American Equity Inv. Life.279
 American Financial Group.279
 American Midstream Ptnrs.279
 American States Water Co.280
 American Vanguard Corp.280
 AmeriGas Partners L.P.280
 AMN Healthcare Services.280
 Ampco-Pittsburgh Corp.281
 Andeavor Logistics LP.281
 Anixter International, Inc.281
 Antero Resources Corp.281
 Applied Ind. Technologies.282
 AptarGroup, Inc.282
 Aqua America, Inc.282
 ARC Document Solutions.282
 ARC Logistics Partners LP.283
 Archrock, Inc.283
 Armstrong World Inds, Inc.283
 Arrow Electronics Inc.283
 Ashbury Automotive Group.284
 Ashland Inc.284
 Aspen Insurance Holdings.284
 Associated Banc Corp.284
 Assured Guaranty Ltd.285
 Ventas Energy Corp.285
 AutoNation, Inc.285
 Avnet, Inc.285
 AVX Corporation.286
 Axalta Coating Systems Ltd. 286
 AZZ Incorporation.286

B & G Foods, Inc.286
 Badger Meter Inc.287
 Banco Latinoamericano.287
 BancorpSouth Inc.287
 Bank of Hawaii Corp.287
 BankUnited, Inc.288
 Barnes & Noble Inc.288
 Barnes Group Inc.288
 Basic Energy Services Inc.288
 Beazer Homes USA, Inc.289
 Belden, Inc.289
 Belmond, Ltd.289
 Bemis Company, Inc.289
 Benchmark Electronics, Inc. 290
 Berkley (W.R.) Corp.290
 Berkshire Hathaway Inc. (A) 290
 Berkshire Hills Bancorp.290
 Big Lots, Inc.291
 Biglari Holdings, Inc.291
 Bio-rad Laboratories, Inc.291
 Black Hills Corp.291
 Back Stone Minerals, L.P.292
 Blackstone Group L.P.292
 Boise Cascade Company.292
 Boston Beer Inc.292
 Box, Inc.293
 Boyd Gaming Corp.293
 Brady Corporation.293
 Bridgepoint Education, Inc. 293
 Briggs & Stratton Corp.294
 Bright Horizons Family.294
 Brinker International, Inc. 294
 Brink's Company (The).294
 Bristow Group.295
 Brookdale Senior Living Inc. 295
 Brookfield Infrastructure.295
 Brown & Brown, Inc.295
 Brunswick Corporation.296
 Buckeye Partners L.P.296
 Buckle, Inc. (The).296
 Build-A-Bear Workshop, Inc 296
 Burlington Stores Inc.297
 BWX Technologies Inc.297

Cable One, Inc.297
 Cabot Corporation.297
 CACI International, Inc.298
 CAI International, Inc.298
 CalAtlantic Group, Inc.298
 Caleres Inc.298
 California Water Service.299
 Callaway Golf Co.299
 Callon Petroleum Co.299
 Cambrex Corporation.299
 Cantel Medical Corp.300
 Capital Senior Living Corp. 300
 Carbo Ceramics Inc.300
 Carlisle Companies, Inc.300
 Carpenter Technology Corp. 301
 Carriage Services, Inc.301
 Carter, Incorporation.301
 Cato Corp.301
 CBiz, Inc.302

Cedar Fair L.P.302
 Celadon Group, Inc.302
 Celanese Corp. Del.302
 Celestica, Inc.303
 Central Pacific Financial Cp. 303
 Cenveo, Inc.303
 Charles River Labs Int'l. Inc. 303
 Chemed Corporation.304
 Chemours Company (The).304
 * Cheniere Energy, Inc.304
 * Cheniere Energy Partners. 304
 Chesapeake Utilities Corp.305
 Chicos FAS, Inc.305
 Choice Hotels Int'l, Inc.305
 Ciena Corporation.305
 Cinemark Holdings Inc.306
 CIRCOR International, Inc. 306
 Clean Harbors, Inc.306
 Clear Channel Outdoor Hldg 306
 Cleveland-Cliffs, Inc.307
 Cloud Peak Energy, Inc.307
 CNA Financial Corp.307
 CNH Industrial N.V.307
 CNO Financial Group.308
 CNX Resources Corporation 308
 Coca Cola European Ptnrs.308
 Coeur Mining, Inc.308
 Cohen & steers, Inc.309
 Colfax Corporation.309
 Colony NorthStar. Inc.309
 Comfort Systems USA, Inc. 309
 Commercial Metals Co.310
 Community Bank System.310
 Compass Minerals Int'l.310
 Centennial Resources Inc.310
 Convergys Corporation.311
 Cooper Tire & Rubber Co.311
 Copa Holdings SA.311
 Core Laboratories N.V.311
 CoreLogic Inc.312
 Cott Corporation.312
 CovantaHolding Corp.312
 Crane Company.312
 Crawford & Co. Cl.A.313
 Crawford & Co. Cl.B.313
 Credicorp Ltd.313
 Crown Holdings Inc.313
 Cryolife, Inc.314
 CRTS Corporation.314
 Cubic Corporation.314
 Cullen Frost Bankers, Inc.314
 Culp, Incorporation.315
 Curtiss Wright Corporation. 315
 CVR Energy, Inc.315
 CYS Investments, Inc.315

Dana Inc.316
 * Darling International Inc. 316
 DCP Midstream Partners.316
 Dean Foods Co.316
 Deckers Outdoor Corp.317
 Delek US Holdings.317
 * Delta Apparel, Inc.317
 Deluxe Corp.317
 Diamond Offshore Drilling. 318
 Dick's Sporting Goods Inc. 318
 Diebold, Inc.318
 Dillard's, Inc.318
 Dine Equity, Inc.319
 Domino's Pizza, Inc.319
 Domtar Corporation.319
 Donaldson, Inc.319
 Donnelley R.R. & Sons Co. 320
 Douglas Dynamics Inc.320
 Dril-Quip, Incorporation.320
 DST Systems Inc.320
 DSW, Incorporation.321
 Ducommun Inc.321
 Dun & Bradstreet Corp. Del. 321
 Dycom Industries.321
 Dynergy Inc. Del.322

Eagle Materials Inc.322
 Eaton Vance Corp.322
 Edgewell Personal Care Co. 322
 El Paso Electric Company.323
 * Ellie Mae, Inc.323
 Emcor Group, Inc.323
 Emergent Biosolutions Inc. 323
 Employers Holdings, Inc.324
 Enbridge Energy Mgmt.324
 Enbridge Energy LP.324
 Energen Corp.324
 Energy Transfer Mgmt.325
 Energy Transfer Partner.325
 Enersys.325
 EnLink Midstream LLC.325
 Enlink Midstream Ptnrs.326
 Ennis, Inc.326

EnPro Industries, Inc.326
 Entercor Communications. 326
 Enterprise Products Ptnrs.327
 Envision Communications 327
 Investnet, Inc.327
 Enzo Biochem Inc.327
 ESCO Technologies Inc.328
 Esterline Technologies.328
 Ethan Allen Interiors Inc.328
 Evercore Partners.328
 Everi Holdings.329
 Evolent Health, Inc.329
 *Evolution Petroleum Corp. 329
 Express Inc.329
 Extraction Oil & Gas Inc.. 330

Fabrinet.330
 FactSet Research Systems. 330
 Fair Isaac Corporation.330
 Fang Holdings Ltd.331
 FB Financial Corp.331
 FBL Financial Group Inc.331
 FCB Financial Hldgs, Inc.331
 Federal Agricultural Mtge. 332
 Federal Signal Corp.332
 Federated Investors Inc.332
 Ferrelgas Partners, L.P.332
 Ferro Corp.333
 First American Financial.333
 First BanCorp.333
 First Commonwealth Fin'l. 333
 First Data Corp.334
 First Horizon Nat'l. Corp.334
 First Republic Bank of S.F.. 334
 FirstCash Corp.334
 Flagstar Bancorp Inc.335
 Fleetcor Technologies.335
 Flowers Foods Inc.335
 F.N.B. Corp.335
 FNF Group, Inc.336
 Forum Energy Tech, Inc.336
 Franklin Covey Co.336
 Fresh Del Monte Produce. 336
 FTI Consulting Inc.337
 Fuller (H.B.) Co.337

GameStop Corp.337
 Gannett Co, Inc.337
 GasLog Ltd.338
 GCP Applied Technologies. 338
 Generac Holdings Inc.338
 General Cable Corp.338
 Genesco Inc.339
 Genesee & Wyoming Inc.339
 Genesis Energy, L.P.339
 Genpact Limited.339
 Gigamon Inc.340
 Gildan Activewear Inc.340
 Glatfelter (P. H.) Co.340
 Global Brass & Copper.340
 Global Partners LP.341
 GNC Holdings Inc.341
 GoDaddy Inc.341
 *Gorman-Rupp Co.341
 GP Strategies Corporation. 342
 Grace (W.R.) & Co.342
 Graco Inc.342
 * Graham Corporation.342
 Granite Construction Inc. 343
 Graphic Packaging Corp.343
 Gray Television, Inc.343
 Great Plains Energy.343
 Great Western Bancorp.344
 Green Dot Corporation.344
 Greenbrier Cos., Inc. (The) 344
 Greenhill & Co. Inc.344
 Greif Inc.345
 Grifflon Corp.345
 Group 1 Automotive Inc.345
 Guess, Inc.345
 Guidewire Software Inc.346

Haemonetics Corp.346
 Halyard Health, Inc.346
 Hanover Insurance Group. 346
 Harsco Corp.347
 Haverty Furniture Cos.347
 Hawaiian Electric Inds.347
 HealthSouth Corporation. 347
 Hecla Mining Co.348
 HEICO Corporation.348
 Helix Energy Solutions Grp. 348
 Herbalife, Ltd.348
 Here Holdings Inc.349
 Heritage Insurance Hldgs. 349
 Hertz Global Hldgs. Inc.349
 Hexcel Corp.349
 Hill International.350
 Hill Roll Holdings.350

INDEX

National Commerce Corp.....587	Progress Software Corp.....611	SSR Mining Inc.....635	Waterstone Financial, Inc.....659	#Edap TMS SA.....680
National Instruments Corp.....587	Prooptif, Inc.....612	Staar Surgical Co.....636	WD-40 Company.....659	EnCana Corporation.....680
Natus Medical Inc.....588	ProvidenceService Corp.....612	Stamps.com, Inc.....636	WEB.com Group, Inc.....660	Enel Americas SA.....681
Navigators Group, Inc.....588	PTC, Incorporated.....612	State Auto Financial Corp.....636	Weibo Corp.....660	Enel Generacion SA.....681
NBT Bancorp, Inc.....588	Pure Storage, Inc.....612	Stealthgas, Inc.....636	Wendys Company.....660	#Ericsson LM Telefon.....681
NCS Multistage Hldgs.....588	QAD, Incorporated.....613	Steel Dynamics, Inc.....637	Werner Enterprises, Inc.....660	Fang Holdings Ltd.....681
Nektar Therapeutics.....589	QIWI PLC.....613	Stemline Therapeutics Inc.....637	Westbank, Inc.....661	Ferrari N.V.....682
Neogen Corporation.....589	Quality System, Inc.....613	Sterling Construction Co, Inc.....637	West Bancorporation, Inc.....661	Fibria Celulose S.A.....682
Netgear, Inc.....589	Qualys, Inc.....613	Stock Yards Bancorp Inc.....637	Westamerica Bancorporation.....661	Fly Leasing Limited.....682
Netscout System, Inc.....589	Quantenna Comm.....614	Stratatsys Ltd.....638	Westell Technologies, Inc.....661	Fomento Economico.....682
Neurocrine Biosciences, Inc.....590	Quicklogic Corp.....614	Strattec Security Corp.....638	Westfield Financial, Inc.....662	Freseenius Medical Care AG.....683
Newlink Genetics Corp.....590	Quidel Corp.....614	Strayer Educational Inc.....638	Westlake Chemical Ptnrs.....662	
News Corp Cl. A.....590	Quinstreet Inc.....614	Sucampo Pharmaceuticals.....638	Weyco Group, Inc.....662	# Galapagos NV.....683
Newstar Financial, Inc.....590	RA Pharmaceuticals Inc.....615	Sun Bancorp, INC.....639	Wildan Group, Inc.....662	# Garmin Ltd.....683
Nexstar Media Group Inc.....591	Radware Ltd.....615	Sun Hydraulics Corp.....639	Windstream Holdings, Inc.....663	GlaxoSmithKline plc.....683
NIC, Incorporated.....591	Rambus, Inc.....615	Supner Corp.....639	Wingstop Inc.....663	Gol Linhas Aereas Intl SA.....684
NN Incorporated.....591	Raven Industries, Inc.....615	Super Micro Computer, Inc.....639	Wintrust Financial Corp.....663	GPO Aeroportuario Del Pac.....684
Noodles & Company.....591	RBC Bearings, Inc.....616	Supernus Pharmaceuticals.....640	Wisdomtree Investments.....663	# Grupo Aeroportua Centro.....684
Nordson Corp.....592	Reading International, Inc.....616	Support.com, Inc.....640	Woodward, Inc.....664	Golp Aeropuertua Sureste.....684
Northfield Bancorp, Inc.....592	Realnetworks, Inc.....616	Surgery Partners inc.....640	World Acceptance Corp.....664	Grupo Aval Acciones.....685
Northrim Bancorp.....592	Realpage, Inc.....616	Syrmotics, Inc.....640	Wright Medical Grp Nv.....664	Grupo Financiero Galicia.....685
Northwest Bancshares, Inc.....592	Red Robin Gourmet Burgers.....617	SVB Financial Group.....641	WSFS Financial Corp.....664	Grupo Televisa SA.....685
Northwest Pipe Co.....593	Reasant Corp.....617	Sykes Enterprises, Inc.....641	XBiotech, Inc.....665	G W Pharmaceuticals.....685
Nova Measuring Instruments.....593	Renascant Corp.....617	Synaptics, Inc.....641	Xencor, Inc.....665	
NovoCure Limited.....593	Renewable Energy Group.....617	Syntel, Inc.....641	Xoma Corp.....665	# Hanwha Cell Co., Ltd.....686
Nuance Communications.....593	Rent-A-Center, Inc.....617	Syros Pharmaceuticals Inc.....642	Xperi Corp.....665	HDFC Bank Limited.....686
Nutanix, Inc.....594	Repligen Corp.....618	Tech Data Corp.....642	Yandex N.V.....666	# Himax Technologies, Inc.....686
Nutri System, Inc.....594	Republic Bancorp Ky.....618	Techtargent, Inc.....642	York Water Company.....666	Horizon Pharma Plc.....686
Nuvasive, Inc.....594	Resources Connection, Inc.....618	Telenav, Inc.....642		
NV5 Holdings, Inc.....594	Retail Opportunity Invts.....618	Teletch Holdings, Inc.....643	Zafgen Inc.....666	# Icon PLC.....687
NXstage Medical, Inc.....595	Revance Therapeutics, Inc.....619	TerraForm Global, Inc.....643	Zebra Technologies Corp.....666	Industrias Bachoco SA.....687
	Ribbon Communications.....619	Teritorial Bancorp, Inc.....643	Zhone Technologies, Inc.....667	# Infosys Technologies.....687
	Richardson Electronics Ltd.....619	Tesaro Inc.....643	Zillow Group, Inc (Z).....667	ITAU Unibanco Banco.....687
	Rigel Pharmaceuticals, Inc.....619	Texaco Technologies, Inc.....644	Zillow Group, Inc (ZG).....667	
	Rignet, Inc.....620	Tetra Tech, Inc.....644	ZIX Corporation.....667	# JA Solar Holdings, Co.....688
	Royal Gold, Inc.....620	Texas Capital Bancshares.....644	Zogenix, Inc.....668	James Hardie Industries.....688
	RPX Corporation.....620	Texas Roadhouse, Inc.....644	Zumiez Incorporated.....668	# JD.Com Inc.....688
	RTI Surgical, Inc.....620	TFS Financial Inc.....645	Zynerba Pharmaceuticals.....668	
	Ruths Hospitality Group, Inc.....621	TipTree, Inc.....645	Zynga, Inc.....668	# Kamada Ltd.....688
		Titan Machinery, Inc.....645		
		Tivity Health Inc.....645		LG Display Co. Ltd.....689
		TIVO, Inc.....646		# Logitech Int'l S.A.....689
		Town Sports Int'l Hldgs.....646		
		Transact Technologies, Inc.....646	ADR &	
		Trico Bancshares.....646	INTERNATIONAL	
		Trimas Corp.....647	CHARTS	
		Trimble Inc. Ltd.....647	ALPHABETICAL	
		Trustco Bank Corp N.Y.....647	LISTING OF COMPANIES	
		Trustmark Corp.....647	ABB Ltd.....669	Nabors Industries Ltd.....690
		TTM Technologies, Inc.....648	Accenture plc.....669	Nabriva Therapeutics AG.....690
		Tuesday Morning Corp.....648	# Adaptimmune Therapeut.....669	National Grid plc.....691
		Twenty 1 st Ctry Fox, CIA.....648	# Advanved Accelerator App.....669	Net 1 UEPS Technologies.....691
		Twin Disc, Inc.....648	Advanced Semiconductor.....670	New Oriental Ed & Tech.....691
			Aegean Marine Petroleum.....670	# Nice Systems Ltd.....691
			Agnico Eagle Mines Ltd.....670	Nokia Corporation.....692
			Agrium, Inc.....670	Novartis AG.....692
			AirCastle, Ltd.....671	Novo Nordisk A/S.....692
			# Amarin Corp plc.....671	
			America Movil S.A. de C.V.....671	# O2Micro Int'l Ltd.....692
			Anheuser-Busch Inbev S.A.....671	
			Arcelor Mittal.....672	Petroleo Brasileiro Petrobra.....693
			Ascendis Pharma A/S.....672	Phoenix New Media Ltd.....693
			# ASML Holding N.V.....672	Precision Drilling Trust.....693
			# Atlassian Corp.....672	
			AU Optronics Corp.....673	# Qiagen N.V.....693
			Autoliv, Inc.....673	
			Avianca Holdings SA.....673	# Radcom Ltd.....694
			AXIS Capital Holdings.....673	Renesola Ltd.....694
				# Ryanair Holdings plc.....694
			# Ballard Power Systems.....674	
			Banco de Chile.....674	Sanofi-Aventis.....694
			Banco Macro SA.....674	SAP AG.....695
			Banco Santander Brasil SA.....674	Seapan Corporation.....695
			Banco Santander Chile SA.....675	Semiconductor Manufactur.....695
			Bank of Nova Scotia (The).....675	Sequans Communications.....695
			Baozun Incorporation.....675	# Shire Plc.....696
			Baytex Energy Corp.....675	# Silicon Motion Tech, Corp.....696
			BBVA Banco Frances SA.....676	Sociedad Quimica Minera.....696
			Braskem S.A.....676	Sony Corporation.....696
			BRF-Brasil Food SA.....676	Statoil Hydro ASA.....697
				STMMicroelectronics N.V.....697
			Cementos de Mexico SA.....676	# Summit Therapeutics.....697
			Cemex SAB de CV.....677	
			# Changeyou.com.....677	Taiwan Semiconductor Mfg.....697
			#Check Point Software Tec.....677	TAL Education Group.....698
			CNOOC Limited.....677	Teekay Shipping Corp.....698
			Coca-Cola FEMSA, S.A.....678	Telecom Argentina SA.....698
			Companhia Brasileira De.....678	Telefonica Brasil S. A.....698
			Companhia Energetica.....678	Tenaris S.A.....699
			Companhia Paranaense En.....678	Ternium S.A.....699
			Compania Cervecerias Inc.....679	Teva Pharmaceutical Ind.....699
			Compania De Minas Buen.....679	Thomson Reuters Corp.....699
			CRH plc.....679	Tim Participacoes SA.....700
			# Criteo SA.....679	Total S.A.....700
			Danaos Corp.....680	# Tower Semiconductor, Inc.....700
			Daqo New Energy Corp.....680	# Trinity Biotech Plc.....700
				Ultrapar Participacoes S.A.....701

INDEX

Charted data in this edition are complete through December 31, 2017

Vale SA	701
Valeant Pharma Intl.....	701
# Vodafone Group plc.....	701
WABCO Hldgs Inc.....	702
Wipro Limited	702
WNS Holdings Ltd	702
XLGroup Ltd.....	702

REIT CHARTS

ALPHABETICAL LISTING OF COMPANIES

Acadia Realty Trust	703
AG Mortgage Invest Trust ...	703
# AGNC Investment Corp.....	703
Alexander & Baldwin Hldgs	703
Alexandria Real Estate Equ..	704
Altisource Residential Corp .	704
American Assets Trust, Inc ..	704
American Homes 4 Rent	704
American Tower Corp	705
Annaly Capital Mgmt. Inc.....	705
Anworth Mortgage Asset	705
Apartment Inv. & Mgmt Co.	705
Apollo Commercial RE Fin..	706
Apple Hospitality REIT	706
Arbor Realty Trust Inc.....	706
Ares Commercial RE Cp.....	706
Arlington Asset Inv. Corp....	707
Armada Hoffer Pptys Inc	707
Armour Residial REIT	707
Ashford Hospitality Prime ...	707
Ashford Hospitality Trust ...	708
AV Homes Inc.....	708
Avalon Bay Communities ...	708
Blackstone Mortgage Trust ..	708
Bluerock Residential GR.....	709
Boston Pperties, Inc	709
Brandywine Realty Trust	709
Brixmor Property Group	709
Capstead Mortgage Corp.....	710
CareTrust REIT Inc	710
Catchmark Timber Trust	710
CBL & Associated Pptys	710
CBRE Group, Inc.....	711
Chatham lodging Trust.....	711
Cherry Hill Mortgage Inv.....	711
Chesapeake Lodging Trust	711
City Office Reit, Inc.....	712
CM Financial, Inc	712
Columbia Property Trust.....	712
Condor Hospitality Trust.....	712
Consolidated Tomoka Land .	713
Coresite Realty Corp.....	713
Corrections Corp of Amer	713
Crown Castle Int'l. Corp.....	713
Cyrusone, Inc.....	714
CYS Investments, Inc	714
DCT Industrial Trust Inc.....	714
Diamondrock Hospitality	714
Digital Realty Trust Inc.....	715
Douglas Emmett, Inc.	715
Duke Realty Corp	715
Dynex Capital Inc.	715
Easterly Government Pptys ..	716
Education Realty Trust Inc..	716
Ellington Residential Mtg	716
Equinix Inc.	716
Equity Commonwealth Reit .	698
Equity Lifestyle Pptys, Inc ..	699
Equity Residential.....	717
Essex Property Trust Inc	717
Extended Stay America.....	717
Extra Space Storage, Inc	717
Farmland Partners, Inc.	718
Federal Realty Inv Trust.....	718
First Service Corp	718
Four Corner Property Tr.....	718
Gaming & Leisure Pptys	719
GEO Group, Inc.....	719
Getty Realty Corp.....	719
GGP, Incorporation.....	719
Gladstone Commercial Cp ...	720
Gladstone land Corp	720
Global Med Reit Inc.....	720
Gramercy Property Trust	720
Great Ajax Corp.....	721

Hannon ArmstrongSusT Infr.	721
HCP, Inc.....	721
Healthcare Realty Trust	721
Healthcare Trust of America .	722
Hff, Inc.	722
Hospitality Properties Trust ..	722
Howard Hughes Corp.	722
Hudson Pacific Pptys Inc	723
Independence Realty Trust....	723
Invesco Mortgage Capital.	723
Iron Mountain, Inc.	723
Istar Financial, Inc.	724
Jernigan Capital Inc.....	724
Jones lang LaSalle Inc.	724
Ladder Cap Corp.	724
Lamar Advertising Co.....	725
LaSalle Hotel Properties	725
Lexington Realty Trust	725
LTC Properties Inc.	725
Macerich Co.	726
Mack Cali Realty Corp.	726
MFA Financial Inc.....	726
MGM Growth Ppty's	726
# MTGE Investment Corp. ...	727
National Health Investments .	727
National Storage Affiliates....	727
New Residential Investment .	727
New Senior Investment Gr....	728
One Liberty Properties Inc. ...	728
Orchid Island Capital, Inc.	728
Owens Realty Mortgage Inc..	728
Paramount Group, Inc.....	729
Pebblebrook Hotel Trust	729
Pennsylvania Real Estate	729
Pennymac Mortgage Inv	729
Physicians Realty Trust	730
Piedmont Office Realty TR...	730
Potlatch Corp.....	730
Preferred Apt Cmmtys Inc	730
QTS Realty Trust Inc.....	731
Rayonier Inc.	731
RE/Max Holdings, Inc.	731
Redwood Trust, Inc.	731
Reis Incorporated.....	732
Resource Capital.....	732
Retail Opportunity Inv Corp .	732
Retail Pptys of America	732
Rexford Industrial Realty	733
Ryman Hospitality Pptys	733
Sabra Health Care	733
Select Income REIT.....	733
Sotherly Hotels Inc.	734
Sovran Self Storage Inc.	734
Spirit Realty Cap Inc	734
STAG Industrial, Inc.....	734
Starwood Property Trust Inc .	735
STORE Capital Corp	735
Summit Hotel Properties	735
Sun Communities Inc.....	735
Sunstone Hotel Inv. Inc.....	736
Sutherland Asset Mgmt.....	736
Terreno Realty Corp	736
The St. Joe Company	736
Two Harbors Investment Cp .	737
UDR, Inc.	737
UMH Properties, Inc.....	737
Uniti Group Inc.....	737
Urban Edge Pptys	738
Verreit, Inc.	738
Walker & Dunlop Inc.	738
Washington Prime Group.....	738
Welltower Inc.....	739
Western Asset Mgmt Cap Cp	739
Weyerhaeuser Company	739
Wheeler Asset Mgmt Cap	739
Whitestone REIT	740
Xenia Hotels & Resorts	740
Zais Financial Corp.....	740
Zillow Group	740