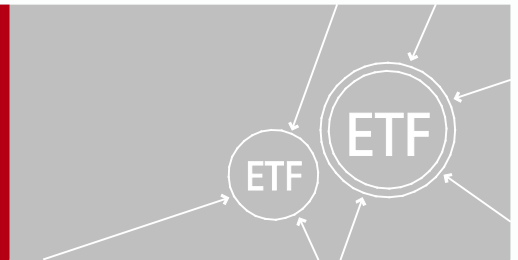


US SEC Filing Announcement for the Vanguard® Exchange Traded Funds

3 October 2016



Vanguard Investments Australia Ltd announces the following:

FUND	ASX CODE	ANNOUNCEMENT
Vanguard® All-World ex-US Shares Index ETF	VEU	US SEC Filing of Form N-Q

The Vanguard Group, Inc. in the US has completed and filed Form N-Q (quarterly schedule of portfolio holdings) for Registered Investment Companies with the Securities and Exchange Commission (SEC) in the US as part of the regulatory requirements of the SEC.

VEU is a share class of the Vanguard® FTSE All-World ex-US Index Fund (US Fund), which is traded in the form of CDIs* in Australia. As the filing in the US covers multiple funds, only the information relevant to the US Fund is included.

The completed form can be viewed online at the SEC website at:

<https://www.sec.gov/Archives/edgar/data/857489/000093247116014482/0000932471-16-014482-index.htm>

Further details of the SEC requirements for this filing are available at:

www.sec.gov/about/forms/formn-q.pdf

* Clearing House Electronic Subregister System (CHESS) Depositary Interests (CDIs)

Further Information

If you have any queries on Vanguard ETFs, please visit vanguard.com.au/etf

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Vanguard Investments Australia Ltd, Level 34, Freshwater Place, 2 Southbank Boulevard, Southbank VIC 3006 vanguard.com.au 1300 655 888

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM N-Q

QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF
REGISTERED MANAGEMENT COMPANY

Investment Company Act file number: 811-02652

Name of Registrant: Vanguard Index Funds

Address of Registrant:

P.O. Box 2600
Valley Forge, PA 19482

Name and address of agent for service:

Anne E. Robinson, Esquire
P.O. Box 876
Valley Forge, PA 19482

Date of fiscal year end: December 31

Date of reporting period: September 30, 2016

Item 1: Schedule of Investments

Schedule of Investments (unaudited)

As of September 30, 2016

Vanguard Total Stock Market Index Fund

Schedule of Investments (unaudited)

As of September 30, 2016

	Shares	Market Value (\$000)
Common Stocks (99.5%)¹		
Basic Materials (2.5%)		
Dow Chemical Co.	23,222,620	1,203,628
El du Pont de Nemours & Co.	17,938,513	1,201,342
Praxair Inc.	5,839,033	705,530
Ecolab Inc.	5,411,561	658,695
Air Products & Chemicals Inc.	4,203,132	631,899
PPG Industries Inc.	5,453,393	563,663
LyondellBasell Industries NV Class A	6,842,071	551,881
Newmont Mining Corp.	10,898,008	428,183
International Paper Co.	8,436,794	404,797
Nucor Corp.	6,558,542	324,320
Alcoa Inc.	27,767,622	281,564
Freeport-McMoRan Inc.	24,557,217	266,691
International Flavors & Fragrances Inc.	1,627,478	232,681
Celanese Corp. Class A	3,017,164	200,822
Albemarle Corp.	2,298,745	196,520
Eastman Chemical Co.	2,784,385	188,447
Mosaic Co.	7,195,665	176,006
* Ashland Global Holdings Inc.	1,269,950	147,251
RPM International Inc.	2,718,949	146,062
Avery Dennison Corp.	1,823,339	141,838
FMC Corp.	2,737,512	132,331
* Axalta Coating Systems Ltd.	4,414,122	124,787
Steel Dynamics Inc.	4,791,410	119,737
CF Industries Holdings Inc.	4,788,658	116,604
WR Grace & Co.	1,442,918	106,487
Reliance Steel & Aluminum Co.	1,470,672	105,933
Royal Gold Inc.	1,346,062	104,226
NewMarket Corp.	202,348	86,872
Scotts Miracle-Gro Co. Class A	934,856	77,845
Sensient Technologies Corp.	921,694	69,864
Olin Corp.	3,384,521	69,450
Huntsman Corp.	4,181,120	68,027
United States Steel Corp.	3,415,237	64,411

CONSOL Energy Inc.	3,346,577	64,254
US Silica Holdings Inc.	1,303,207	60,677
Chemours Co.	3,726,021	59,616
Cabot Corp.	1,137,235	59,602
PolyOne Corp.	1,726,004	58,356
Compass Minerals International Inc.	716,896	52,835
Minerals Technologies Inc.	711,366	50,286
Balchem Corp.	643,839	49,917
Domtar Corp.	1,284,299	47,686
HB Fuller Co.	1,017,824	47,298
Hecla Mining Co.	7,947,162	45,299
Worthington Industries Inc.	926,060	44,479
* Chemtura Corp.	1,318,101	43,247
Commercial Metals Co.	2,628,984	42,563
Westlake Chemical Corp.	792,341	42,390
* GCP Applied Technologies Inc.	1,443,981	40,894

Carpenter Technology Corp.	989,160	40,813
^ Allegheny Technologies Inc.	2,249,383	40,646
* Coeur Mining Inc.	3,366,589	39,827
* Ingevity Corp.	861,309	39,706
Kaiser Aluminum Corp.	395,585	34,214
* Stillwater Mining Co.	2,532,008	33,828
KapStone Paper and Packaging Corp.	1,783,250	33,739
* Platform Specialty Products Corp.	3,938,843	31,944
* Univar Inc.	1,405,485	30,710
* Cambrex Corp.	658,644	29,283
Stepan Co.	389,450	28,297
Innospec Inc.	465,231	28,291
Neenah Paper Inc.	330,389	26,104
Quaker Chemical Corp.	245,180	25,972
*,^ AK Steel Holding Corp.	4,904,887	23,691
* Ferro Corp.	1,696,291	23,426
* Clearwater Paper Corp.	353,044	22,831
* Kraton Corp.	629,452	22,056
PH Glatfelter Co.	887,763	19,247
*,^ Fairmount Santrol Holdings Inc.	2,172,662	18,424
A Schulman Inc.	556,917	16,217
Calgon Carbon Corp.	1,044,180	15,840
Deltic Timber Corp.	221,413	14,996
Innophos Holdings Inc.	379,699	14,820
* Koppers Holdings Inc.	395,338	12,722
Tronox Ltd. Class A	1,277,126	11,967
Rayonier Advanced Materials Inc.	884,193	11,822
SunCoke Energy Inc.	1,389,616	11,145
Aceto Corp.	569,494	10,815
* Cliffs Natural Resources Inc.	1,818,576	10,639
Chase Corp.	145,057	10,026
* CSW Industrials Inc.	309,215	10,015
Haynes International Inc.	265,132	9,839
Tredegar Corp.	523,347	9,729
American Vanguard Corp.	565,707	9,085
* Veritiv Corp.	165,558	8,306
Gold Resource Corp.	1,112,007	8,251
* Century Aluminum Co.	1,138,195	7,910
Hawkins Inc.	181,011	7,843
* OMNOVA Solutions Inc.	850,653	7,180
* Cloud Peak Energy Inc.	1,269,519	6,906
* Nexeo Solutions Inc.	836,020	6,889
* Resolute Forest Products Inc.	1,244,128	5,885
FutureFuel Corp.	481,008	5,426
KMG Chemicals Inc.	175,816	4,981
* Verso Corp.	719,600	4,641
Olympic Steel Inc.	195,247	4,315
Kronos Worldwide Inc.	483,204	4,006
*,^ Senomyx Inc.	834,544	3,555
*,^ LSB Industries Inc.	413,940	3,552
* Ryerson Holding Corp.	311,352	3,515
* Real Industry Inc.	570,034	3,489
* Westmoreland Coal Co.	368,065	3,261
*,^ AgroFresh Solutions Inc.	598,300	3,165

Ampco-Pittsburgh Corp.	208,972	2,318
*,^ Uranium Energy Corp.	2,263,492	2,234
* Universal Stainless & Alloy Products Inc.	204,750	2,148

Hallador Energy Co.	263,821	2,079
* Codexis Inc.	459,667	2,041
*,^ Ur-Energy Inc.	3,834,758	1,898
Synalloy Corp.	185,945	1,742
* Rentech Inc.	506,989	1,480
*,^ ChromaDex Corp.	475,100	1,416
*,^ Pershing Gold Corp.	292,919	1,327
*,^ Uni-Pixel Inc.	746,220	1,246
* Intrepid Potash Inc.	955,573	1,080
* Northern Technologies International Corp.	62,670	787
* Comstock Mining Inc.	2,018,266	737
Friedman Industries Inc.	103,125	549
*,^ Golden Minerals Co.	678,597	516
*,^ Marrone Bio Innovations Inc.	250,662	431
* Handy & Harman Ltd.	20,387	429
United-Guardian Inc.	26,819	390
Empire Resources Inc.	78,065	386
*,^ Centrus Energy Corp. Class A	95,188	381
* NL Industries Inc.	92,843	365
* Solitario Exploration & Royalty Corp.	537,224	355
* General Moly Inc.	1,047,854	294
Versum Materials Inc.	10,463	293
* Dynasil Corp. of America	158,073	157
* Ikonics Corp.	6,410	68
*,^ Metabolix Inc.	64,070	29
* TOR Minerals International Inc.	2,580	14

11,610,785

Consumer Goods (10.1%)

^ Procter & Gamble Co.	54,794,056	4,917,767
Coca-Cola Co.	79,774,882	3,376,073
PepsiCo Inc.	29,523,541	3,211,276
Philip Morris International Inc.	31,846,898	3,096,155
Altria Group Inc.	40,357,143	2,551,782
NIKE Inc. Class B	27,832,709	1,465,392
Colgate-Palmolive Co.	18,305,441	1,357,165
Mondelez International Inc. Class A	30,328,028	1,331,400
Kraft Heinz Co.	12,487,674	1,117,772
Ford Motor Co.	80,380,693	970,195
Kimberly-Clark Corp.	7,478,142	943,293
General Motors Co.	29,100,189	924,513
Monsanto Co.	8,988,602	918,635
Reynolds American Inc.	17,563,912	828,138
General Mills Inc.	12,288,047	784,960
Activision Blizzard Inc.	13,702,742	607,031
Constellation Brands Inc. Class A	3,444,547	573,483
Newell Brands Inc.	9,882,667	520,421
Archer-Daniels-Midland Co.	11,957,157	504,233
* Electronic Arts Inc.	5,869,857	501,286
*,^ Tesla Motors Inc.	2,287,231	466,664
Tyson Foods Inc. Class A	6,113,849	456,521
*,^ Monster Beverage Corp.	2,932,747	430,557
ConAgra Foods Inc.	9,007,073	424,323
Delphi Automotive plc	5,725,735	408,359

Estee Lauder Cos. Inc. Class A	4,565,316	404,304
Molson Coors Brewing Co. Class B	3,575,125	392,549
Kellogg Co.	5,023,383	389,161
VF Corp.	6,913,421	387,497

Stanley Black & Decker Inc.	3,075,239	378,193
Dr Pepper Snapple Group Inc.	3,860,164	352,472
Clorox Co.	2,661,560	333,174
JM Smucker Co.	2,320,428	314,511
Mead Johnson Nutrition Co.	3,814,149	301,356
Genuine Parts Co.	2,882,526	289,550
Hershey Co.	2,817,143	269,319
* Mohawk Industries Inc.	1,285,336	257,504
Church & Dwight Co. Inc.	5,281,515	253,090
Whirlpool Corp.	1,556,062	252,331
McCormick & Co. Inc.	2,345,632	234,376
Campbell Soup Co.	4,118,961	225,307
DR Horton Inc.	7,190,592	217,156
Mattel Inc.	6,957,064	210,660
* LKQ Corp.	5,926,173	210,142
Coach Inc.	5,698,774	208,347
Hormel Foods Corp.	5,436,420	206,203
Hanesbrands Inc.	7,819,946	197,454
* WhiteWave Foods Co. Class A	3,622,728	197,185
Ingredion Inc.	1,466,200	195,093
Harley-Davidson Inc.	3,663,396	192,658
PVH Corp.	1,706,671	188,587
Lear Corp.	1,520,311	184,292
Hasbro Inc.	2,313,666	183,543
Snap-on Inc.	1,191,932	181,126
Brown-Forman Corp. Class B	3,786,370	179,625
Goodyear Tire & Rubber Co.	5,439,419	175,693
Bunge Ltd.	2,854,544	169,075
* Michael Kors Holdings Ltd.	3,322,035	155,438
Lennar Corp. Class A	3,665,628	155,203
BorgWarner Inc.	4,345,487	152,874
* Middleby Corp.	1,179,085	145,758
*,^ Under Armour Inc. Class A	3,761,916	145,511
* Under Armour Inc.	3,808,881	128,969
PulteGroup Inc.	6,348,075	127,215
Leucadia National Corp.	6,680,371	127,194
* WABCO Holdings Inc.	1,101,864	125,095
Leggett & Platt Inc.	2,731,894	124,520
* NVR Inc.	75,522	123,846
Harman International Industries Inc.	1,440,519	121,652
Pinnacle Foods Inc.	2,377,020	119,255
*,^ lululemon athletica Inc.	1,955,576	119,251
Ralph Lauren Corp. Class A	1,158,757	117,197
Gentex Corp.	6,053,760	106,304
* TreeHouse Foods Inc.	1,153,764	100,597
^ Polaris Industries Inc.	1,260,008	97,575
* Edgewell Personal Care Co.	1,213,941	96,533
* Post Holdings Inc.	1,246,671	96,206
* Toll Brothers Inc.	3,082,027	92,029
Brunswick Corp.	1,860,460	90,753

* ^ Herbalife Ltd.	1,427,102	88,466
Carter's Inc.	985,910	85,488
Thor Industries Inc.	956,546	81,019
* Take-Two Interactive Software Inc.	1,768,443	79,721
Pool Corp.	816,389	77,165
* Hain Celestial Group Inc.	2,126,366	75,656
Nu Skin Enterprises Inc. Class A	1,115,542	72,265

B&G Foods Inc.	1,358,064	66,790
Spectrum Brands Holdings Inc.	484,881	66,763
* Tenneco Inc.	1,142,696	66,585
Energizer Holdings Inc.	1,270,545	63,476
* Skechers U.S.A. Inc. Class A	2,720,726	62,305
* Tempur Sealy International Inc.	1,023,920	58,097
Flowers Foods Inc.	3,827,648	57,874
Tupperware Brands Corp.	876,349	57,287
CalAtlantic Group Inc.	1,573,938	52,632
Snyder's-Lance Inc.	1,565,596	52,573
Lancaster Colony Corp.	388,094	51,263
Avon Products Inc.	8,933,476	50,563
Visteon Corp.	699,646	50,137
* Vista Outdoor Inc.	1,253,660	49,971
* Helen of Troy Ltd.	567,191	48,875
Dana Inc.	3,023,954	47,143
Drew Industries Inc.	468,463	45,919
* Darling Ingredients Inc.	3,389,836	45,797
* Manitowoc Foodservice Inc.	2,806,987	45,529
Wolverine World Wide Inc.	1,953,581	44,991
* Kate Spade & Co.	2,623,738	44,945
* Dorman Products Inc.	685,732	43,818
Vector Group Ltd.	2,016,907	43,424
Cooper Tire & Rubber Co.	1,141,666	43,406
* Zynga Inc. Class A	14,880,853	43,303
*,^ Blue Buffalo Pet Products Inc.	1,815,988	43,148
*,^ Fitbit Inc. Class A	2,877,871	42,708
Fresh Del Monte Produce Inc.	685,168	41,042
* Deckers Outdoor Corp.	657,562	39,158
* Steven Madden Ltd.	1,131,734	39,113
* TRI Pointe Group Inc.	2,964,484	39,072
Sanderson Farms Inc.	386,289	37,211
J&J Snack Foods Corp.	308,542	36,754
HNI Corp.	911,125	36,263
Herman Miller Inc.	1,225,412	35,047
Columbia Sportswear Co.	586,811	33,296
* Cooper-Standard Holding Inc.	322,626	31,875
Dean Foods Co.	1,864,296	30,574
WD-40 Co.	270,260	30,385
* US Foods Holding Corp.	1,198,171	28,289
* Boston Beer Co. Inc. Class A	181,415	28,166
*,^ GoPro Inc. Class A	1,680,111	28,024
^ Pilgrim's Pride Corp.	1,308,486	27,635
*,^ Wayfair Inc.	696,919	27,438
KB Home	1,698,939	27,387
* American Axle & Manufacturing Holdings Inc.	1,575,003	27,122
* Meritage Homes Corp.	778,185	27,003
Universal Corp.	440,159	25,626
La-Z-Boy Inc.	1,014,821	24,924
* Gentherm Inc.	774,992	24,350
* iRobot Corp.	545,247	23,980
Schweitzer-Mauduit International Inc.	618,404	23,846
Steelcase Inc. Class A	1,680,976	23,349

* Fossil Group Inc.	836,825	23,239
* G-III Apparel Group Ltd.	793,208	23,122
Interface Inc. Class A	1,381,550	23,058
^ Cal-Maine Foods Inc.	583,697	22,496

^ Coty Inc. Class A	940,342	22,098
Callaway Golf Co.	1,870,320	21,714
Knoll Inc.	943,885	21,568
* ACCO Brands Corp.	2,185,399	21,067
Oxford Industries Inc.	304,355	20,605
* Universal Electronics Inc.	274,307	20,425
MDC Holdings Inc.	773,642	19,960
Calavo Growers Inc.	302,626	19,801
* Select Comfort Corp.	911,552	19,690
Andersons Inc.	525,902	19,027
Standard Motor Products Inc.	390,106	18,631
* Seaboard Corp.	5,398	18,569
Nutrisystem Inc.	600,745	17,836
* Cavco Industries Inc.	167,668	16,608
Ethan Allen Interiors Inc.	508,768	15,909
* USANA Health Sciences Inc.	113,882	15,756
Briggs & Stratton Corp.	841,007	15,685
^ Tootsie Roll Industries Inc.	410,639	15,124
DTS Inc.	341,200	14,515
* Nautilus Inc.	635,548	14,440
Coca-Cola Bottling Co. Consolidated	95,163	14,099
Superior Industries International Inc.	480,095	14,000
* AdvancePierre Foods Holdings Inc.	500,161	13,784
* Central Garden & Pet Co. Class A	509,976	12,647
Winnebago Industries Inc.	531,706	12,532
*,^ LGI Homes Inc.	338,527	12,471
* Crocs Inc.	1,421,690	11,800
Inter Parfums Inc.	354,914	11,453
* Modine Manufacturing Co.	963,535	11,428
Kimball International Inc. Class B	875,075	11,323
* M/I Homes Inc.	473,582	11,162
* Fox Factory Holding Corp.	479,143	11,006
* Motorcar Parts of America Inc.	378,546	10,895
*,^ National Beverage Corp.	245,086	10,796
* Taylor Morrison Home Corp. Class A	612,893	10,787
* Stoneridge Inc.	555,692	10,225
Phibro Animal Health Corp. Class A	370,849	10,080
* WCI Communities Inc.	424,199	10,062
Tower International Inc.	415,970	10,025
^ MGP Ingredients Inc.	243,037	9,848
*,^ Amplify Snack Brands Inc.	600,698	9,731
* Central Garden & Pet Co.	367,966	9,567
National Presto Industries Inc.	107,468	9,435
Lennar Corp. Class B	270,625	9,085
Titan International Inc.	888,849	8,995
* Omega Protein Corp.	384,448	8,985
* Unifi Inc.	301,129	8,862
* William Lyon Homes Class A	475,114	8,813
John B Sanfilippo & Son Inc.	166,184	8,530
* Beazer Homes USA Inc.	718,711	8,380
* Revlon Inc. Class A	226,976	8,348
Medifast Inc.	210,111	7,940
* Iconix Brand Group Inc.	933,047	7,576
Libbey Inc.	420,935	7,514
* Century Communities Inc.	339,655	7,306

Movado Group Inc.	339,149	7,285
* Eastman Kodak Co.	473,245	7,099

Orchids Paper Products Co.	253,675	6,908
* Primo Water Corp.	565,387	6,858
Flexsteel Industries Inc.	131,835	6,819
* Federal-Mogul Holdings Corp.	699,220	6,720
* Vera Bradley Inc.	422,611	6,403
Culp Inc.	204,774	6,096
*,^ Sequential Brands Group Inc.	758,127	6,065
Hooker Furniture Corp.	218,834	5,359
* Malibu Boats Inc. Class A	359,040	5,350
Bassett Furniture Industries Inc.	208,120	4,839
* Perry Ellis International Inc.	244,921	4,722
* Nutraceutical International Corp.	151,045	4,719
* ZAGG Inc.	575,436	4,661
*,^ Glu Mobile Inc.	2,063,602	4,622
* Inventure Foods Inc.	476,425	4,478
Metaldyne Performance Group Inc.	277,778	4,403
*,^ Hovnanian Enterprises Inc. Class A	2,461,308	4,160
Arctic Cat Inc.	260,036	4,028
^ Limoneira Co.	204,198	3,859
* Farmer Brothers Co.	108,405	3,854
*,^ Freshpet Inc.	430,093	3,720
Oil-Dri Corp. of America	95,357	3,589
* Skullcandy Inc.	558,407	3,540
Superior Uniform Group Inc.	178,068	3,524
* Seneca Foods Corp. Class A	123,885	3,499
*,^ JAKKS Pacific Inc.	401,411	3,468
* Core Molding Technologies Inc.	200,949	3,396
*,^ Jamba Inc.	302,290	3,301
* Craft Brew Alliance Inc.	171,993	3,239
Weyco Group Inc.	112,378	3,020
* Alliance One International Inc.	150,529	2,878
Johnson Outdoors Inc. Class A	79,004	2,873
*,^ Vuzix Corp.	317,197	2,810
Nature's Sunshine Products Inc.	160,581	2,569
* Cherokee Inc.	245,102	2,525
* Lifevantage Corp.	261,573	2,474
* New Home Co. Inc.	228,243	2,435
* Black Diamond Inc.	471,814	2,425
MCBC Holdings Inc.	209,006	2,383
* Fenix Parts Inc.	586,404	2,322
* Vince Holding Corp.	403,464	2,276
A-Mark Precious Metals Inc.	141,350	2,269
* Skyline Corp.	163,397	2,237
Crown Crafts Inc.	215,521	2,179
Strattec Security Corp.	60,661	2,141
Lifetime Brands Inc.	156,084	2,101
* Lakeland Industries Inc.	206,531	2,055
Rocky Brands Inc.	183,091	1,935
* Castle Brands Inc.	2,108,960	1,839
Escalade Inc.	143,864	1,836
* Delta Apparel Inc.	107,968	1,777
* Lifeway Foods Inc.	95,840	1,624
* Turning Point Brands Inc.	132,900	1,597
*,^ Lipocine Inc.	350,119	1,562
* Dixie Group Inc.	312,289	1,561
Marine Products Corp.	166,467	1,493
Alico Inc.	47,911	1,287

Acme United Corp.	59,133	1,221
*,^ S&W Seed Co.	238,548	1,217
*,^ 22nd Century Group Inc.	780,667	1,132
* Shiloh Industries Inc.	157,208	1,111
* Natural Alternatives International Inc.	84,339	1,108
LS Starrett Co. Class A	104,772	1,029
^ Unique Fabricating Inc.	78,009	955
Rocky Mountain Chocolate Factory Inc.	90,974	953
Kewaunee Scientific Corp.	39,165	933
* US Auto Parts Network Inc.	280,005	921
* Virco Manufacturing Corp.	218,789	904
Mannatech Inc.	45,392	814
* Tandy Leather Factory Inc.	93,919	719
* Alpha Pro Tech Ltd.	192,106	692
* Valvoline Inc.	28,200	662
* Coffee Holding Co. Inc.	115,252	641
* Reed's Inc.	164,631	616
* Female Health Co.	446,735	545
* Zedge Inc. Class B	155,961	533
*,^ elf Beauty Inc.	18,783	528
*,^ Nova Lifestyle Inc.	142,239	516
* Willamette Valley Vineyards Inc.	55,833	444
Stanley Furniture Co. Inc.	208,331	373
* Summer Infant Inc.	163,915	354
* Charles & Colvard Ltd.	233,777	271
Golden Enterprises Inc.	16,609	199
* Emerson Radio Corp.	183,685	187
* RiceBran Technologies	114,553	155
P&F Industries Inc. Class A	18,458	153
*,^ DS Healthcare Group Inc.	231,016	152
* Differential Brands Group Inc.	23,420	130
* JRjr33 Inc.	80,833	97
* Tofutti Brands Inc.	34,800	93
* CTI Industries Corp.	14,046	87
* Cyanotech Corp.	23,466	84
CompX International Inc.	5,846	68
* Crystal Rock Holdings Inc.	60,050	54
* Hovnanian Enterprises Inc. Class B	19,300	33
Ocean Bio-Chem Inc.	9,942	28
* Koss Corp.	12,072	26
* Bridgford Foods Corp.	57	1

47,286,171

Consumer Services (13.1%)

* Amazon.com Inc.	8,281,473	6,934,160
Comcast Corp. Class A	49,352,827	3,274,067
Home Depot Inc.	25,436,929	3,273,224
Walt Disney Co.	29,719,775	2,759,778
Wal-Mart Stores Inc.	28,831,721	2,079,344
McDonald's Corp.	17,535,082	2,022,847
CVS Health Corp.	21,920,505	1,950,706
Starbucks Corp.	28,630,362	1,550,048
Walgreens Boots Alliance Inc.	18,912,211	1,524,702
* Priceline Group Inc.	1,014,168	1,492,338
Costco Wholesale Corp.	9,007,902	1,373,795
Lowe's Cos. Inc.	18,201,622	1,314,339
Time Warner Inc.	15,168,941	1,207,599

* Charter Communications Inc. Class A

4,172,142

1,126,353

TJX Cos. Inc.	12,882,384	963,345
* Netflix Inc.	8,368,924	824,757
Target Corp.	11,790,039	809,740
McKesson Corp.	4,636,560	773,146
* eBay Inc.	22,024,460	724,605
Yum! Brands Inc.	7,576,779	688,047
Twenty-First Century Fox Inc. Class A	26,666,869	645,872
Delta Air Lines Inc.	15,369,931	604,960
Kroger Co.	19,529,714	579,642
Ross Stores Inc.	8,190,447	526,646
* O'Reilly Automotive Inc.	1,846,450	517,209
Sysco Corp.	10,426,307	510,993
Cardinal Health Inc.	6,544,224	508,486
Southwest Airlines Co.	12,729,042	495,032
Las Vegas Sands Corp.	8,157,587	469,388
* AutoZone Inc.	603,336	463,567
CBS Corp. Class B	8,130,369	445,056
Omnicom Group Inc.	4,843,864	411,728
Marriott International Inc. Class A	6,003,333	404,204
American Airlines Group Inc.	10,875,277	398,144
Carnival Corp.	7,937,457	387,507
Nielsen Holdings plc	7,004,328	375,222
Dollar General Corp.	5,200,042	363,951
* Dollar Tree Inc.	4,590,838	362,355
L Brands Inc.	5,020,100	355,272
AmerisourceBergen Corp. Class A	3,751,330	303,032
* United Continental Holdings Inc.	5,617,894	294,771
Expedia Inc.	2,523,331	294,523
* Ulta Salon Cosmetics & Fragrance Inc.	1,215,477	289,259
Viacom Inc. Class B	7,328,150	279,203
Royal Caribbean Cruises Ltd.	3,531,714	264,702
Hilton Worldwide Holdings Inc.	11,134,160	255,306
* MGM Resorts International	9,804,749	255,218
* Chipotle Mexican Grill Inc. Class A	597,918	253,218
* DISH Network Corp. Class A	4,404,230	241,264
Macy's Inc.	6,311,676	233,848
Best Buy Co. Inc.	5,628,317	214,889
Advance Auto Parts Inc.	1,431,615	213,482
*,^ CarMax Inc.	3,946,445	210,543
Foot Locker Inc.	2,779,636	188,237
Aramark	4,947,274	188,145
Whole Foods Market Inc.	6,563,832	186,085
Tractor Supply Co.	2,743,966	184,806
Interpublic Group of Cos. Inc.	8,199,481	183,258
* Liberty Interactive Corp. QVC Group Class A	8,725,091	174,589
Alaska Air Group Inc.	2,524,643	166,273
* Rite Aid Corp.	21,550,574	165,724
Kohl's Corp.	3,777,716	165,275
Wynn Resorts Ltd.	1,671,185	162,807

^ Tiffany & Co.	2,179,677	158,310
Wyndham Worldwide Corp.	2,252,264	151,645
Domino's Pizza Inc.	997,047	151,402
Darden Restaurants Inc.	2,465,949	151,212
*,^ Sirius XM Holdings Inc.	35,503,840	148,051
* TripAdvisor Inc.	2,311,707	146,054
News Corp. Class A	9,816,378	137,233
FactSet Research Systems Inc.	833,463	135,104

Bed Bath & Beyond Inc.	3,012,445	129,867
^ Nordstrom Inc.	2,482,699	128,802
* Discovery Communications Inc.	4,892,656	128,726
* Norwegian Cruise Line Holdings Ltd.	3,263,147	123,021
KAR Auction Services Inc.	2,808,578	121,218
Signet Jewelers Ltd.	1,600,816	119,309
* Burlington Stores Inc.	1,465,093	118,702
* Liberty SiriusXM Group	3,517,112	117,507
Vail Resorts Inc.	739,376	115,993
* JetBlue Airways Corp.	6,623,650	114,192
Sabre Corp.	4,041,367	113,886
Staples Inc.	13,299,938	113,714
* Copart Inc.	2,052,467	109,930
* VCA Inc.	1,563,983	109,448
H&R Block Inc.	4,583,995	106,120
Scripps Networks Interactive Inc. Class A	1,649,040	104,698
Dun & Bradstreet Corp.	738,920	100,951
Service Corp. International	3,784,710	100,446
Gap Inc.	4,490,282	99,864
Dunkin' Brands Group Inc.	1,884,075	98,123
Dick's Sporting Goods Inc.	1,729,609	98,103
TEGNA Inc.	4,457,560	97,442
Casey's General Stores Inc.	807,979	97,079
* ServiceMaster Global Holdings Inc.	2,782,255	93,706
Twenty-First Century Fox Inc.	3,642,877	90,125
* Panera Bread Co. Class A	458,848	89,347
Williams-Sonoma Inc.	1,636,730	83,604
Six Flags Entertainment Corp.	1,525,914	81,804
Cinemark Holdings Inc.	2,125,123	81,350
*,^ Discovery Communications Inc. Class A	2,937,328	79,073
* Sally Beauty Holdings Inc.	3,006,701	77,212
* GrubHub Inc.	1,752,810	75,353
* Live Nation Entertainment Inc.	2,711,855	74,522
CST Brands Inc.	1,537,380	73,933
* AutoNation Inc.	1,476,731	71,932
* Liberty SiriusXM Group Class A	2,075,746	70,534
* Madison Square Garden Co. Class A	407,300	69,001
^ Cracker Barrel Old Country Store Inc.	495,008	65,450
* AMC Networks Inc. Class A	1,256,642	65,169
* Pandora Media Inc.	4,505,330	64,561
Jack in the Box Inc.	668,952	64,179
* Spirit Airlines Inc.	1,454,665	61,867
* Bright Horizons Family Solutions Inc.	919,464	61,503
Rollins Inc.	2,073,019	60,698
American Eagle Outfitters Inc.	3,349,125	59,815
* Sprouts Farmers Market Inc.	2,894,114	59,763
* Hertz Global Holdings Inc.	1,481,626	59,502
Tribune Media Co. Class A	1,602,500	58,523
Brinker International Inc.	1,156,457	58,320
GameStop Corp. Class A	2,112,834	58,293
* Yelp Inc. Class A	1,384,332	57,727
Dolby Laboratories Inc. Class A	1,062,751	57,697
* Avis Budget Group Inc.	1,676,212	57,343
*,^ JC Penney Co. Inc.	5,964,744	54,995

Cable One Inc.	93,839	54,802
* Murphy USA Inc.	762,483	54,411
* Urban Outfitters Inc.	1,574,119	54,339

* Buffalo Wild Wings Inc.	384,326	54,090
* Starz	1,719,753	53,639
* Cabela's Inc.	970,240	53,295
* Michaels Cos. Inc.	2,121,501	51,277
Texas Roadhouse Inc. Class A	1,309,930	51,127
* Hawaiian Holdings Inc.	1,049,770	51,019
* Beacon Roofing Supply Inc.	1,208,712	50,851
John Wiley & Sons Inc. Class A	983,494	50,758
Wendy's Co.	4,351,042	46,991
Cheesecake Factory Inc.	935,013	46,807
* Groupon Inc. Class A	8,849,876	45,577
Chemed Corp.	321,661	45,377
* Five Below Inc.	1,112,246	44,812
Graham Holdings Co. Class B	92,395	44,476
Big Lots Inc.	926,849	44,257
Lithia Motors Inc. Class A	462,324	44,161
Papa John's International Inc.	532,651	42,000
Regal Entertainment Group Class A	1,900,090	41,327
Bloomin' Brands Inc.	2,371,540	40,885
Sinclair Broadcast Group Inc. Class A	1,406,461	40,619
Office Depot Inc.	11,249,563	40,161
Meredith Corp.	770,457	40,056
Lions Gate Entertainment Corp.	1,999,856	39,977
* Media General Inc.	2,166,355	39,926
* Acxiom Corp.	1,496,252	39,875
Churchill Downs Inc.	270,826	39,635
AMERCO	121,307	39,331
* United Natural Foods Inc.	982,205	39,328
Interval Leisure Group Inc.	2,271,537	39,002
^ Penske Automotive Group Inc.	802,002	38,640
* Grand Canyon Education Inc.	955,179	38,580
Monro Muffler Brake Inc.	629,886	38,530
Matthews International Corp. Class A	626,257	38,051
Aaron's Inc.	1,491,073	37,903
Sotheby's	988,233	37,573
* WebMD Health Corp.	748,282	37,190
Hillenbrand Inc.	1,164,808	36,855
Allegiant Travel Co. Class A	272,192	35,948
PriceSmart Inc.	410,435	34,378
* Dave & Buster's Entertainment Inc.	866,759	33,960
^ Nexstar Broadcasting Group Inc. Class A	586,976	33,874
* Houghton Mifflin Harcourt Co.	2,518,931	33,779
New York Times Co. Class A	2,789,401	33,333
Core-Mark Holding Co. Inc.	896,504	32,095
Chico's FAS Inc.	2,632,631	31,328
* Boyd Gaming Corp.	1,582,835	31,308
Choice Hotels International Inc.	692,912	31,236
* Liberty TripAdvisor Holdings Inc. Class A	1,405,844	30,718
Marriott Vacations Worldwide Corp.	416,653	30,549
Morningstar Inc.	384,538	30,482
* Stamps.com Inc.	319,182	30,166
Children's Place Inc.	367,029	29,315
* Shutterfly Inc.	654,096	29,199
* Etsy Inc.	2,010,527	28,710
GNC Holdings Inc. Class A	1,398,218	28,552
* comScore Inc.	928,479	28,467
DineEquity Inc.	357,937	28,345

Gannett Co. Inc.	2,390,932	27,830
* Caesars Acquisition Co. Class A	2,228,381	27,677
Time Inc.	1,899,350	27,503
DSW Inc. Class A	1,337,314	27,388
*,^ Restoration Hardware Holdings Inc.	785,464	27,161
* SUPERVALU Inc.	5,439,908	27,145
* Liberty Media Group LLC	953,555	26,833
DeVry Education Group Inc.	1,159,768	26,744
SkyWest Inc.	999,654	26,401
*,^ SolarCity Corp.	1,339,049	26,192
HSN Inc.	648,825	25,823
* Ollie's Bargain Outlet Holdings Inc.	984,055	25,792
Group 1 Automotive Inc.	393,400	25,130
*,^ Diplomat Pharmacy Inc.	886,461	24,830
Sonic Corp.	932,752	24,419
*,^ Hyatt Hotels Corp. Class A	491,463	24,190
Dillard's Inc. Class A	383,372	24,156
* Popeyes Louisiana Kitchen Inc.	444,688	23,631
* MSG Networks Inc.	1,253,679	23,331
Extended Stay America Inc.	1,632,972	23,188
* Asbury Automotive Group Inc.	413,670	23,029
*,^ Virgin America Inc.	426,975	22,847
* Belmond Ltd. Class A	1,770,146	22,499
Abercrombie & Fitch Co.	1,365,001	21,690
Caleres Inc.	847,620	21,436
* Genesco Inc.	393,170	21,412
* Ascena Retail Group Inc.	3,752,600	20,977
SpartanNash Co.	718,654	20,783
* Penn National Gaming Inc.	1,514,366	20,550
Finish Line Inc. Class A	874,407	20,181
* Herc Holdings Inc.	595,438	20,066
* La Quinta Holdings Inc.	1,749,224	19,556
Scholastic Corp.	494,688	19,471
* Rush Enterprises Inc. Class A	787,288	19,273
* EW Scripps Co. Class A	1,179,780	18,759
*,^ Hibbett Sports Inc.	461,753	18,424
* Performance Food Group Co.	741,096	18,379
SeaWorld Entertainment Inc.	1,357,185	18,295
ClubCorp Holdings Inc.	1,263,401	18,281
* Express Inc.	1,537,411	18,126
National CineMedia Inc.	1,217,448	17,921
*,^ Quotient Technology Inc.	1,346,173	17,918
Guess? Inc.	1,209,874	17,676
International Speedway Corp. Class A	519,834	17,373
Cato Corp. Class A	507,847	16,703
* Denny's Corp.	1,552,988	16,601
* Planet Fitness Inc. Class A	826,635	16,591
Bob Evans Farms Inc.	413,721	15,846
* Carmike Cinemas Inc.	484,377	15,834
Tailored Brands Inc.	994,828	15,619
* BJ's Restaurants Inc.	426,954	15,178
* Pinnacle Entertainment Inc.	1,166,883	14,399
^ Buckle Inc.	597,503	14,358
World Wrestling Entertainment Inc. Class A	656,684	13,987
Capella Education Co.	240,555	13,962

* Apollo Education Group Inc.	1,750,764	13,919
AMC Entertainment Holdings Inc.	440,858	13,706

Weis Markets Inc.	257,774	13,662
* Vitamin Shoppe Inc.	508,772	13,661
* Liberty Media Group LLC Class A	475,914	13,635
Red Rock Resorts Inc. Class A	573,618	13,532
* Gray Television Inc.	1,298,185	13,449
Wingstop Inc. Class A	455,040	13,333
New Media Investment Group Inc.	857,363	13,289
* Fiesta Restaurant Group Inc.	553,089	13,274
Barnes & Noble Inc.	1,159,610	13,104
Rent-A-Center Inc.	1,031,843	13,043
* Francesca's Holdings Corp.	814,773	12,572
* Red Robin Gourmet Burgers Inc.	278,934	12,535
* Providence Service Corp.	257,304	12,513
* Liberty Braves Group	712,289	12,380
* Scientific Games Corp. Class A	1,086,236	12,242
*,^ Shake Shack Inc. Class A	338,690	11,742
* Isle of Capri Casinos Inc.	507,378	11,304
* Tile Shop Holdings Inc.	681,374	11,277
^ MDC Partners Inc. Class A	1,030,842	11,051
Ingles Markets Inc. Class A	279,472	11,050
*,^ Clean Energy Fuels Corp.	2,460,660	10,999
* MarineMax Inc.	507,035	10,622
*,^ TrueCar Inc.	1,107,601	10,456
Sonic Automotive Inc. Class A	555,672	10,447
*,^ Lumber Liquidators Holdings Inc.	524,161	10,310
* SP Plus Corp.	398,223	10,183
*,^ Chegg Inc.	1,378,260	9,772
*,^ Party City Holdco Inc.	569,552	9,751
* Biglari Holdings Inc.	22,213	9,685
Entravision Communications Corp. Class A	1,261,725	9,627
* K12 Inc.	668,765	9,597
* Chuy's Holdings Inc.	341,664	9,546
* Strayer Education Inc.	203,507	9,500
* SiteOne Landscape Supply Inc.	261,585	9,399
* XO Group Inc.	484,037	9,356
Ruth's Hospitality Group Inc.	651,189	9,195
* tronc Inc.	541,780	9,145
* Carrols Restaurant Group Inc.	691,490	9,135
* Regis Corp.	724,621	9,094
* Bankrate Inc.	1,062,029	9,006
* Career Education Corp.	1,325,911	9,003
*,^ Caesars Entertainment Corp.	1,202,048	8,955
Marcus Corp.	341,636	8,555
*,^ Zoe's Kitchen Inc.	384,727	8,537
* Angie's List Inc.	859,602	8,519
* RetailMeNot Inc.	850,483	8,411
* Global Eagle Entertainment Inc.	976,070	8,111
^ PetMed Express Inc.	384,086	7,789
* Eldorado Resorts Inc.	550,873	7,745
Shoe Carnival Inc.	289,094	7,707
* Smart & Final Stores Inc.	599,389	7,654
* Del Taco Restaurants Inc.	625,400	7,455
* FTD Cos. Inc.	358,894	7,382
Blue Nile Inc.	213,862	7,361
Haverty Furniture Cos. Inc.	357,519	7,165
*,^ Zumiez Inc.	392,083	7,058
Pier 1 Imports Inc.	1,649,813	6,995

* Barnes & Noble Education Inc.	729,243	6,979
* Sportsman's Warehouse Holdings Inc.	654,309	6,883
Fred's Inc. Class A	721,385	6,536
* Rubicon Project Inc.	786,291	6,511
* Del Frisco's Restaurant Group Inc.	479,832	6,463
* Avid Technology Inc.	787,663	6,254
* Potbelly Corp.	502,189	6,242
* American Public Education Inc.	311,425	6,169
*,^ Weight Watchers International Inc.	591,358	6,103
*,^ Trupanion Inc.	347,853	5,879
* 1-800-Flowers.com Inc. Class A	636,817	5,840
Citi Trends Inc.	291,322	5,806
Carriage Services Inc. Class A	244,294	5,778
News Corp. Class B	401,130	5,704
*,^ Sears Holdings Corp.	496,166	5,686
* America's Car-Mart Inc.	154,707	5,630
*,^ Intrawest Resorts Holdings Inc.	341,050	5,532
Entercom Communications Corp. Class A	422,412	5,466
Village Super Market Inc. Class A	169,481	5,425
*,^ El Pollo Loco Holdings Inc.	429,497	5,407
* Liquidity Services Inc.	477,244	5,364
* Duluth Holdings Inc.	200,264	5,309
* Tuesday Morning Corp.	882,622	5,278
* Monarch Casino & Resort Inc.	206,831	5,206
* Ascent Capital Group Inc. Class A	223,581	5,180
*,^ Lands' End Inc.	355,443	5,154
* Overstock.com Inc.	333,612	5,111
Big 5 Sporting Goods Corp.	365,032	4,972
* Care.com Inc.	495,797	4,938
* Habit Restaurants Inc. Class A	346,387	4,849
^ Natural Health Trends Corp.	169,994	4,804
Winmark Corp.	44,738	4,721
* Chefs' Warehouse Inc.	417,049	4,646
*,^ Conn's Inc.	440,696	4,548
* Lindblad Expeditions Holdings Inc.	499,400	4,495
* J Alexander's Holdings Inc.	438,421	4,441
* Daily Journal Corp.	19,799	4,336
Clear Channel Outdoor Holdings Inc. Class A	710,505	4,149
* Lee Enterprises Inc.	1,095,758	4,109
*,^ TubeMogul Inc.	432,373	4,051
Speedway Motorsports Inc.	222,021	3,965
* PCM Inc.	182,713	3,936
CSS Industries Inc.	148,767	3,805
* Kirkland's Inc.	305,224	3,718
Stein Mart Inc.	578,762	3,675
* EVINE Live Inc.	1,553,676	3,558
* Reading International Inc. Class A	261,820	3,495
* Autobytel Inc.	193,247	3,440
* Titan Machinery Inc.	326,965	3,400
* Everyday Health Inc.	427,207	3,285
*,^ Boot Barn Holdings Inc.	285,652	3,251
* Townsquare Media Inc. Class A	346,721	3,238
Stage Stores Inc.	574,678	3,224
Saga Communications Inc. Class A	70,337	3,189
* Nathan's Famous Inc.	60,499	3,179
RCI Hospitality Holdings Inc.	274,503	3,165
* Bojangles' Inc.	196,561	3,137

* Liberty Braves Group Class A	177,973	3,106
* Destination XL Group Inc.	687,306	2,976
* Build-A-Bear Workshop Inc.	284,280	2,945
* Ruby Tuesday Inc.	1,174,316	2,936
A H Belo Corp. Class A	368,364	2,707
* Papa Murphy's Holdings Inc.	409,984	2,644
* Century Casinos Inc.	368,214	2,544
* Tilly's Inc. Class A	269,506	2,531
*,^ Hemisphere Media Group Inc. Class A	193,265	2,464
* Bridgepoint Education Inc.	358,373	2,462
* TechTarget Inc.	300,886	2,425
*,^ Kona Grill Inc.	185,825	2,336
* Travelzoo Inc.	180,218	2,312
* Red Lion Hotels Corp.	277,046	2,311
* Natural Grocers by Vitamin Cottage Inc.	205,561	2,294
* Gaia Inc. Class A	309,083	2,225
* Marchex Inc. Class B	795,580	2,204
* West Marine Inc.	262,221	2,169
Collectors Universe Inc.	113,601	2,105
* Bravo Brio Restaurant Group Inc.	436,870	2,088
McClatchy Co. Class A	129,170	2,084
Golden Entertainment Inc.	159,019	1,983
* Morgans Hotel Group Co.	964,046	1,947
Destination Maternity Corp.	263,948	1,869
Liberty Tax Inc.	142,880	1,826
Harte-Hanks Inc.	1,072,331	1,737
* RealNetworks Inc.	378,313	1,687
* QuinStreet Inc.	543,218	1,641
* Radio One Inc.	538,531	1,632
*,^ Container Store Group Inc.	311,886	1,566
* YuMe Inc.	371,338	1,474
* Demand Media Inc.	258,482	1,471
* Luby's Inc.	327,199	1,404
*,^ Noodles & Co. Class A	286,465	1,364
* Cambium Learning Group Inc.	244,281	1,326
* Town Sports International Holdings Inc.	423,943	1,310
Wayside Technology Group Inc.	68,744	1,219
* Fogo De Chao Inc.	113,216	1,197
Salem Media Group Inc. Class A	201,751	1,186
* New York & Co. Inc.	521,560	1,179
* Sears Hometown and Outlet Stores Inc.	215,017	1,060
Peak Resorts Inc.	196,620	1,001
* Christopher & Banks Corp.	688,656	999
*,^ Remark Media Inc.	219,230	995
Educational Development Corp.	82,487	939
* Cumulus Media Inc. Class A	2,836,019	936
*,^ Digital Turbine Inc.	735,661	772
* Famous Dave's of America Inc.	108,592	595
* Spark Networks Inc.	374,872	592
* Nevada Gold & Casinos Inc.	312,948	560
*,^ Good Times Restaurants Inc.	160,052	549
TheStreet Inc.	477,535	525
*,^ YOU On Demand Holdings Inc.	325,761	498
Emmis Communications Corp. Class A	121,802	493
*,^ hhgregg Inc.	255,071	469
*,^ Rave Restaurant Group Inc.	152,899	462
* Profire Energy Inc.	366,519	458

* Gaming Partners International Corp.	42,577	451
* CafePress Inc.	139,975	448
*,^ Live Ventures Inc.	223,508	427
^ Bon-Ton Stores Inc.	236,099	404
*,^ Gordmans Stores Inc.	461,396	401
*,^ MaxPoint Interactive Inc.	43,434	387
National American University Holdings Inc.	175,287	366
* Dover Downs Gaming & Entertainment Inc.	329,616	363
*,^ bebe stores inc	507,996	356
Ark Restaurants Corp.	15,310	348
* Full House Resorts Inc.	160,984	288
* Insignia Systems Inc.	95,048	223
* At Home Group Inc.	14,107	214
* Spanish Broadcasting System Inc.	51,140	196
* Diversified Restaurant Holdings Inc.	151,742	176
* Trade Desk Inc. Class A	5,397	158
Value Line Inc.	9,438	153
Flanigan's Enterprises Inc.	5,074	119
* Ignite Restaurant Group Inc.	124,761	82
* Rush Enterprises Inc. Class B	2,967	72
*,^ Net Element Inc.	37,423	44
*,^ FunctionX Inc.	7,869	43
Haverty Furniture Cos. Inc. Class A	1,375	28
* NTN Buzztime Inc.	3,841	26
* SPAR Group Inc.	19,446	21
* Interpace Diagnostics Group Inc.	119,243	19
*,^ ITT Educational Services Inc.	403,864	17
Viacom Inc. Class A	300	13
* Universal Travel Group	42,843	7
* ONE Group Hospitality Inc.	2,677	7

61,279,060

Financials (18.8%)

* Berkshire Hathaway Inc. Class B	38,339,022	5,538,839
JPMorgan Chase & Co.	74,508,939	4,961,550
Wells Fargo & Co.	93,263,280	4,129,698
Bank of America Corp.	209,791,072	3,283,230
Visa Inc. Class A	38,757,233	3,205,223
Citigroup Inc.	57,317,851	2,707,122
Mastercard Inc.	19,926,130	2,027,882
US Bancorp	33,382,994	1,431,797
Simon Property Group Inc.	6,458,788	1,337,034
American International Group Inc.	20,860,068	1,237,836
Goldman Sachs Group Inc.	7,486,845	1,207,403
Chubb Ltd.	9,056,296	1,137,924
American Express Co.	16,127,221	1,032,787
American Tower Corporation	8,732,085	989,607
Morgan Stanley	29,415,950	943,075
PNC Financial Services Group Inc.	10,133,282	912,907
Bank of New York Mellon Corp.	20,809,857	829,897
MetLife Inc.	18,066,803	802,708
BlackRock Inc.	2,165,553	784,926
Charles Schwab Corp.	24,440,444	771,585
Capital One Financial Corp.	10,492,677	753,689

Prudential Financial Inc.	8,987,250	733,809
Marsh & McLennan Cos. Inc.	10,690,101	718,909
CME Group Inc.	6,622,245	692,157
S&P Global Inc.	5,401,593	683,626

Travelers Cos. Inc.	5,910,888	677,092
Public Storage	3,034,225	677,057
Crown Castle International Corp.	6,927,904	652,678
BB&T Corp.	16,716,654	630,552
Intercontinental Exchange Inc.	2,325,947	626,517
Aon plc	5,439,804	611,924
Aflac Inc.	8,462,260	608,183
Prologis Inc.	10,750,661	575,590
Welltower Inc.	7,345,539	549,226
Allstate Corp.	7,651,212	529,311
Equinix Inc.	1,458,839	525,547
Ventas Inc.	7,215,433	509,626
AvalonBay Communities Inc.	2,818,119	501,174
State Street Corp.	7,196,874	501,118
Weyerhaeuser Co.	15,349,332	490,258
Equity Residential	7,502,475	482,634
Discover Financial Services	8,286,537	468,604
Synchrony Financial	16,259,024	455,253
SunTrust Banks Inc.	10,258,428	449,319
Boston Properties Inc.	3,141,323	428,131
Progressive Corp.	11,955,994	376,614
Moody's Corp.	3,372,631	365,188
HCP Inc.	9,588,431	363,881
Willis Towers Watson plc	2,689,239	357,050
Realty Income Corp.	5,308,431	355,293
Vornado Realty Trust	3,470,633	351,263
M&T Bank Corp.	2,939,550	341,282
Hartford Financial Services Group Inc.	7,942,409	340,094
Ameriprise Financial Inc.	3,337,813	333,014
Equifax Inc.	2,423,422	326,144
Fifth Third Bancorp	15,800,032	323,269
T. Rowe Price Group Inc.	4,842,746	322,043
Principal Financial Group Inc.	5,918,123	304,843
General Growth Properties Inc.	11,030,890	304,453
Northern Trust Corp.	4,425,682	300,902
Essex Property Trust Inc.	1,344,304	299,377
Digital Realty Trust Inc.	3,046,853	295,910
* IHS Markit Ltd.	7,355,685	276,206
KeyCorp	22,221,630	270,437
Citizens Financial Group Inc.	10,734,628	265,253
Invesco Ltd.	8,436,504	263,809
Regions Financial Corp.	25,908,624	255,718
* Markel Corp.	273,002	253,556
Franklin Resources Inc.	7,111,171	252,944
Loews Corp.	5,953,295	244,978
* Liberty Broadband Corp.	3,411,100	243,825
Cincinnati Financial Corp.	3,202,559	241,537
Host Hotels & Resorts Inc.	15,309,626	238,371
Kimco Realty Corp.	8,127,063	235,278
First Republic Bank	3,038,509	234,299
Macerich Co.	2,868,973	232,014
Federal Realty Investment Trust	1,470,514	226,356
Lincoln National Corp.	4,817,406	226,322
SL Green Realty Corp.	2,056,213	222,277
Annaly Capital Management Inc.	20,914,501	219,602
Huntington Bancshares Inc.	22,227,524	219,163
Western Union Co.	9,985,982	207,908

VEREIT Inc.	19,661,163	203,886
FNF Group	5,388,482	198,889
Duke Realty Corp.	7,245,306	198,014
UDR Inc.	5,470,769	196,893
Extra Space Storage Inc.	2,455,669	195,005
Iron Mountain Inc.	5,121,683	192,217
XL Group Ltd.	5,676,542	190,902
* Arch Capital Group Ltd.	2,387,277	189,216
* Berkshire Hathaway Inc. Class A	867	187,463
Arthur J Gallagher & Co.	3,618,172	184,056
Ally Financial Inc.	9,424,749	183,500
Alexandria Real Estate Equities Inc.	1,598,465	173,865
TD Ameritrade Holding Corp.	4,923,544	173,506
* CBRE Group Inc. Class A	6,179,658	172,907
Brixmor Property Group Inc.	6,212,754	172,652
Unum Group	4,851,810	171,317
Comerica Inc.	3,583,668	169,579
Regency Centers Corp.	2,142,709	166,039
* E*TRADE Financial Corp.	5,696,143	165,872
Everest Re Group Ltd.	865,638	164,445
Nasdaq Inc.	2,365,626	159,774
* Affiliated Managers Group Inc.	1,103,795	159,719
* Alleghany Corp.	298,097	156,507
MSCI Inc. Class A	1,849,490	155,246
CIT Group Inc.	4,266,100	154,859
National Retail Properties Inc.	3,027,373	153,942
Raymond James Financial Inc.	2,614,339	152,181
Camden Property Trust	1,786,931	149,638
Torchmark Corp.	2,330,378	148,888
Apartment Investment & Management Co.	3,193,140	146,597
Mid-America Apartment Communities Inc.	1,545,905	145,300
Omega Healthcare Investors Inc.	3,984,741	141,259
Reinsurance Group of America Inc. Class A	1,302,614	140,604
WP Carey Inc.	2,156,033	139,129
SEI Investments Co.	2,986,442	136,212
New York Community Bancorp Inc.	9,512,776	135,367
American Campus Communities Inc.	2,654,022	135,010
American Capital Agency Corp.	6,791,294	132,702
Kilroy Realty Corp.	1,881,260	130,465
Zions Bancorporation	4,180,653	129,684
Spirit Realty Capital Inc.	9,719,392	129,559
* Signature Bank	1,036,869	122,817
Equity LifeStyle Properties Inc.	1,590,227	122,734
MarketAxess Holdings Inc.	734,294	121,592
Gaming and Leisure Properties Inc.	3,601,843	120,482
Liberty Property Trust	2,979,158	120,209
Voya Financial Inc.	4,166,766	120,086
* SVB Financial Group	1,066,347	117,874
Assurant Inc.	1,256,897	115,949
Forest City Realty Trust Inc. Class A	4,997,037	115,581
Senior Housing Properties Trust	4,911,347	111,537
Lamar Advertising Co. Class A	1,688,760	110,293
DDR Corp.	6,311,787	110,014
* Liberty Ventures Class A	2,749,497	109,622
CBOE Holdings Inc.	1,679,091	108,889
East West Bancorp Inc.	2,953,829	108,435
WR Berkley Corp.	1,874,221	108,255

Douglas Emmett Inc.	2,917,613	106,872
Jones Lang LaSalle Inc.	924,754	105,228
American Financial Group Inc.	1,401,649	105,124
Sun Communities Inc.	1,331,768	104,517
Axis Capital Holdings Ltd.	1,903,542	103,419
Starwood Property Trust Inc.	4,570,790	102,934
EPR Properties	1,296,800	102,110
Highwoods Properties Inc.	1,955,099	101,900
PacWest Bancorp	2,357,756	101,171
People's United Financial Inc.	6,387,340	101,048
RenaissanceRe Holdings Ltd.	834,925	100,325
CubeSmart	3,676,079	100,210
Hospitality Properties Trust	3,300,140	98,080
Lazard Ltd. Class A	2,663,107	96,831
Communications Sales & Leasing Inc.	3,075,439	96,600
Navient Corp.	6,669,390	96,506
Weingarten Realty Investors	2,471,049	96,321
American Homes 4 Rent Class A	4,365,003	94,459
Healthcare Trust of America Inc. Class A	2,827,768	92,242
STORE Capital Corp.	3,125,898	92,120
Medical Properties Trust Inc.	6,197,384	91,535
Bank of the Ozarks Inc.	2,356,025	90,471
Old Republic International Corp.	5,048,832	88,960
First American Financial Corp.	2,262,304	88,863
Taubman Centers Inc.	1,171,106	87,142
DCT Industrial Trust Inc.	1,790,014	86,905
Brown & Brown Inc.	2,276,403	85,843
Eaton Vance Corp.	2,195,403	85,730
Endurance Specialty Holdings Ltd.	1,306,556	85,514
* Life Storage Inc.	959,025	85,296
Commerce Bancshares Inc.	1,705,682	84,022
* Howard Hughes Corp.	732,336	83,852
Healthcare Realty Trust Inc.	2,421,483	82,476
Gramercy Property Trust	8,518,812	82,121
Cullen/Frost Bankers Inc.	1,140,520	82,049
Retail Properties of America Inc.	4,827,018	81,094
Popular Inc.	2,111,334	80,695
Synovus Financial Corp.	2,464,799	80,180
Investors Bancorp Inc.	6,616,286	79,462
Validus Holdings Ltd.	1,581,598	78,795
CyrusOne Inc.	1,639,484	77,990
Assured Guaranty Ltd.	2,809,901	77,975
Realogy Holdings Corp.	3,002,462	77,644
* Equity Commonwealth	2,557,644	77,292
Tanger Factory Outlet Centers Inc.	1,939,548	75,565
Prosperity Bancshares Inc.	1,369,964	75,197

First Horizon National Corp.	4,808,392	73,232
Post Properties Inc.	1,097,015	72,546
* Western Alliance Bancorp	1,912,447	71,793
Hudson Pacific Properties Inc.	2,180,164	71,662
Webster Financial Corp.	1,879,381	71,435
PrivateBancorp Inc.	1,546,509	71,016
*,^ Zillow Group Inc.	2,044,503	70,842
Allied World Assurance Co. Holdings AG	1,747,218	70,623
New Residential Investment Corp.	5,097,719	70,399
Umpqua Holdings Corp.	4,564,663	68,698
First Industrial Realty Trust Inc.	2,398,163	67,676

Outfront Media Inc.	2,824,900	66,809
Hanover Insurance Group Inc.	881,525	66,485
Rayonier Inc.	2,504,581	66,472
Empire State Realty Trust Inc.	3,145,069	65,889
DuPont Fabros Technology Inc.	1,573,062	64,889
Legg Mason Inc.	1,937,969	64,883
Bank of Hawaii Corp.	891,403	64,734
BankUnited Inc.	2,140,268	64,636
White Mountains Insurance Group Ltd.	77,685	64,479
Education Realty Trust Inc.	1,484,237	64,030
Apple Hospitality REIT Inc.	3,394,763	62,837
Piedmont Office Realty Trust Inc. Class A	2,879,453	62,686
Two Harbors Investment Corp.	7,318,085	62,423
Physicians Realty Trust	2,851,309	61,417
Chemical Financial Corp.	1,357,327	59,899
National Health Investors Inc.	761,668	59,776
Chimera Investment Corp.	3,733,837	59,555
Radian Group Inc.	4,384,443	59,409
Associated Banc-Corp	2,999,066	58,752
Acadia Realty Trust	1,616,712	58,590
Wintrust Financial Corp.	1,049,735	58,334
Paramount Group Inc.	3,558,101	58,317
MFA Financial Inc.	7,756,953	58,022
Columbia Property Trust Inc.	2,583,745	57,850
Aspen Insurance Holdings Ltd.	1,237,675	57,663
ProAssurance Corp.	1,094,579	57,444
RLI Corp.	837,730	57,267
IBERIABANK Corp.	845,442	56,746
Sunstone Hotel Investors Inc.	4,415,768	56,478
Equity One Inc.	1,843,141	56,419
Urban Edge Properties	1,986,075	55,888
Federated Investors Inc. Class B	1,885,669	55,872
CNO Financial Group Inc.	3,658,623	55,867
* MGIC Investment Corp.	6,953,042	55,624
Blackstone Mortgage Trust Inc. Class A	1,879,622	55,355
LaSalle Hotel Properties	2,315,259	55,265
Brandywine Realty Trust	3,521,426	55,005
MB Financial Inc.	1,441,620	54,839
United Bankshares Inc.	1,438,284	54,180
Corporate Office Properties Trust	1,881,587	53,343
FNB Corp.	4,335,545	53,327
CoreSite Realty Corp.	707,378	52,374
RLJ Lodging Trust	2,480,828	52,172
* Texas Capital Bancshares Inc.	939,862	51,617
Erie Indemnity Co. Class A	505,228	51,569
Home BancShares Inc.	2,458,970	51,171
Hancock Holding Co.	1,576,477	51,125
Fulton Financial Corp.	3,513,595	51,017
UMB Financial Corp.	855,532	50,861
* Genworth Financial Inc. Class A	10,223,768	50,710
* Stifel Financial Corp.	1,315,689	50,588
Primerica Inc.	950,485	50,404
NorthStar Realty Finance Corp.	3,744,458	49,315
Care Capital Properties Inc.	1,712,284	48,800
Washington Federal Inc.	1,824,655	48,682
Pinnacle Financial Partners Inc.	893,249	48,307
AmTrust Financial Services Inc.	1,799,731	48,287

Retail Opportunity Investments Corp.	2,177,688	47,822
NorthStar Asset Management Group Inc.	3,672,754	47,489
Cathay General Bancorp	1,542,343	47,473
Valley National Bancorp	4,871,277	47,398
^ First Financial Bankshares Inc.	1,293,788	47,146
Kite Realty Group Trust	1,695,917	47,011
Washington Prime Group Inc.	3,781,230	46,812
EastGroup Properties Inc.	635,732	46,764
First Citizens BancShares Inc. Class A	156,923	46,118
* Hope Bancorp Inc.	2,653,287	46,088
TCF Financial Corp.	3,173,073	46,041
QTS Realty Trust Inc. Class A	869,126	45,933
* FirstCash Inc.	963,428	45,358
Interactive Brokers Group Inc.	1,281,980	45,215
Washington REIT	1,452,904	45,214
LTC Properties Inc.	868,852	45,172
Selective Insurance Group Inc.	1,132,573	45,144
PS Business Parks Inc.	394,956	44,855
Mack-Cali Realty Corp.	1,644,589	44,766
LPL Financial Holdings Inc.	1,487,626	44,495
Cousins Properties Inc.	4,223,751	44,096
Sterling Bancorp	2,504,026	43,820
Glacier Bancorp Inc.	1,514,339	43,189
CBL & Associates Properties Inc.	3,505,942	42,562
Ryman Hospitality Properties Inc.	883,293	42,539
*,^ LendingClub Corp.	6,833,709	42,232
Janus Capital Group Inc.	2,997,308	41,992
American National Insurance Co.	341,062	41,596
Community Bank System Inc.	861,910	41,466
Lexington Realty Trust	3,981,923	41,014
Kennedy-Wilson Holdings Inc.	1,817,019	40,974
BancorpSouth Inc.	1,760,182	40,836
Colony Capital Inc. Class A	2,236,069	40,764
Great Western Bancorp Inc.	1,197,626	39,905
Columbia Banking System Inc.	1,203,270	39,371
Pebblebrook Hotel Trust	1,476,877	39,285
* Essent Group Ltd.	1,432,826	38,128
*,^ Zillow Group Inc. Class A	1,093,781	37,681
GEO Group Inc.	1,574,050	37,431
Old National Bancorp	2,661,340	37,418
DiamondRock Hospitality Co.	4,105,481	37,360
* SLM Corp.	4,910,458	36,681
STAG Industrial Inc.	1,484,648	36,389
Alexander & Baldwin Inc.	938,223	36,047
Monogram Residential Trust Inc.	3,376,334	35,924
* HRG Group Inc.	2,276,265	35,737
CVB Financial Corp.	2,023,928	35,641
South State Corp.	473,799	35,554

EverBank Financial Corp.	1,826,867	35,368
Evercore Partners Inc. Class A	686,341	35,353
BGC Partners Inc. Class A	4,039,160	35,343
Capitol Federal Financial Inc.	2,511,472	35,336
* OneMain Holdings Inc. Class A	1,133,081	35,069
* Hilltop Holdings Inc.	1,559,808	35,033
American Assets Trust Inc.	807,036	35,009
* Blackhawk Network Holdings Inc.	1,153,223	34,793
Xenia Hotels & Resorts Inc.	2,290,063	34,763

Invesco Mortgage Capital Inc.	2,263,956	34,480
*,^ Credit Acceptance Corp.	170,686	34,320
Trustmark Corp.	1,242,680	34,248
International Bancshares Corp.	1,140,080	33,952
Corrections Corp. of America	2,419,074	33,553
* Enstar Group Ltd.	203,845	33,526
Select Income REIT	1,234,733	33,214
Rexford Industrial Realty Inc.	1,446,289	33,106
Argo Group International Holdings Ltd.	585,093	33,011
Sabra Health Care REIT Inc.	1,290,396	32,492
Financial Engines Inc.	1,090,819	32,408
^ Government Properties Income Trust	1,419,588	32,111
* HealthEquity Inc.	846,454	32,038
Potlatch Corp.	823,210	32,015
* PRA Group Inc.	906,097	31,297
Mercury General Corp.	567,861	31,147
New York REIT Inc.	3,403,249	31,140
Kemper Corp.	784,195	30,835
First Midwest Bancorp Inc.	1,584,011	30,666
* Eagle Bancorp Inc.	621,014	30,635
American Equity Investment Life Holding Co.	1,724,359	30,573
Pennsylvania REIT	1,326,894	30,558
^ Colony Starwood Homes	1,037,262	29,769
Northwest Bancshares Inc.	1,891,341	29,713
Parkway Properties Inc.	1,745,431	29,690
Horace Mann Educators Corp.	800,307	29,331
BOK Financial Corp.	425,163	29,323
Waddell & Reed Financial Inc. Class A	1,607,666	29,195
Ramco-Gershenson Properties Trust	1,541,305	28,884
Global Net Lease Inc.	3,471,843	28,330
Chesapeake Lodging Trust	1,228,648	28,136
WesBanco Inc.	854,999	28,112
* Santander Consumer USA Holdings Inc.	2,280,764	27,734
NBT Bancorp Inc.	842,603	27,696
Independent Bank Corp.	508,843	27,523
Four Corners Property Trust Inc.	1,282,860	27,363
* FCB Financial Holdings Inc. Class A	710,419	27,301
Banner Corp.	622,875	27,245
Astoria Financial Corp.	1,847,119	26,968
Towne Bank	1,121,456	26,949
Simmons First National Corp. Class A	539,929	26,942
CYS Investments Inc.	3,062,951	26,709
LegacyTexas Financial Group Inc.	843,347	26,675
*,^ BofI Holding Inc.	1,190,734	26,672
Renasant Corp.	791,064	26,603
Terreno Realty Corp.	965,242	26,554
United Community Banks Inc.	1,255,777	26,396
^ Westamerica Bancorporation	509,459	25,921
Franklin Street Properties Corp.	2,040,136	25,706

Park National Corp.	266,780	25,611
First Financial Bancorp	1,172,354	25,604
WisdomTree Investments Inc.	2,446,537	25,175
Agree Realty Corp.	503,727	24,904
Summit Hotel Properties Inc.	1,867,073	24,571
Apollo Commercial Real Estate Finance Inc.	1,483,689	24,288
Yadkin Financial Corp.	918,129	24,138
Navigators Group Inc.	245,112	23,756

Union Bankshares Corp.	886,379	23,728
Provident Financial Services Inc.	1,111,853	23,605
Beneficial Bancorp Inc.	1,595,735	23,473
ServisFirst Bancshares Inc.	449,384	23,328
Redwood Trust Inc.	1,640,400	23,228
National General Holdings Corp.	1,041,677	23,167
[^] Seritage Growth Properties Class A	450,865	22,850
Ameris Bancorp	651,817	22,781
First Merchants Corp.	843,572	22,566
S&T Bancorp Inc.	774,810	22,462
AMERISAFE Inc.	376,414	22,126
PennyMac Mortgage Investment Trust	1,417,961	22,092
BNC Bancorp	898,656	21,855
Tompkins Financial Corp.	285,904	21,846
Kearny Financial Corp.	1,603,666	21,826
Artisan Partners Asset Management Inc. Class A	802,354	21,824
TFS Financial Corp.	1,218,731	21,706
* St. Joe Co.	1,175,834	21,612
NRG Yield Inc.	1,273,036	21,591
* MBIA Inc.	2,687,282	20,934
* Green Dot Corp. Class A	877,096	20,226
Boston Private Financial Holdings Inc.	1,570,544	20,150
HFF Inc. Class A	724,594	20,064
WSFS Financial Corp.	545,580	19,908
Monmouth Real Estate Investment Corp.	1,391,914	19,863
* Black Knight Financial Services Inc. Class A	484,622	19,821
Safety Insurance Group Inc.	289,563	19,464
Stewart Information Services Corp.	437,336	19,440
Saul Centers Inc.	288,105	19,188
New Senior Investment Group Inc.	1,662,115	19,181
* KCG Holdings Inc. Class A	1,231,486	19,125
Capstead Mortgage Corp.	2,018,724	19,037
Hannon Armstrong Sustainable Infrastructure Capital Inc.	806,354	18,844
Nelnet Inc. Class A	459,511	18,550
Employers Holdings Inc.	613,743	18,308
ARMOUR Residential REIT Inc.	806,418	18,177
Cohen & Steers Inc.	422,856	18,077
Lakeland Financial Corp.	509,654	18,052
First Commonwealth Financial Corp.	1,785,909	18,020
* FNFV Group	1,432,937	17,883
CareTrust REIT Inc.	1,204,821	17,807
Alexander's Inc.	42,234	17,721
Banc of California Inc.	1,007,720	17,595
FelCor Lodging Trust Inc.	2,733,809	17,578
* iStar Inc.	1,616,516	17,345
Infinity Property & Casualty Corp.	207,014	17,106
Getty Realty Corp.	709,178	16,971
Universal Insurance Holdings Inc.	670,889	16,906
Berkshire Hills Bancorp Inc.	605,331	16,774
State Bank Financial Corp.	734,274	16,756
National Storage Affiliates Trust	797,899	16,708
Hanmi Financial Corp.	623,448	16,422
Easterly Government Properties Inc.	852,210	16,260
Cardinal Financial Corp.	622,272	16,235
CenterState Banks Inc.	903,660	16,022
Brookline Bancorp Inc.	1,309,893	15,968
American Capital Mortgage Investment Corp.	924,870	15,899

Universal Health Realty Income Trust	249,777	15,741
United Fire Group Inc.	371,237	15,711
Heartland Financial USA Inc.	430,961	15,545
Southside Bancshares Inc.	482,636	15,531
City Holding Co.	308,188	15,499
Capital Bank Financial Corp.	482,265	15,486
* Pacific Premier Bancorp Inc.	582,578	15,415
Maiden Holdings Ltd.	1,213,055	15,394
Meridian Bancorp Inc.	983,913	15,320
Central Pacific Financial Corp.	606,125	15,268
Hersha Hospitality Trust Class A	843,999	15,209
First Busey Corp.	668,607	15,111
Tier REIT Inc.	976,289	15,074
* Third Point Reinsurance Ltd.	1,241,722	14,901
Sandy Spring Bancorp Inc.	482,887	14,767
RE/MAX Holdings Inc. Class A	336,156	14,717
Investors Real Estate Trust	2,464,543	14,664
Northfield Bancorp Inc.	895,902	14,424
Chatham Lodging Trust	744,965	14,341
National Bank Holdings Corp. Class A	613,271	14,332
*,^ LendingTree Inc.	147,843	14,327
* Piper Jaffray Cos.	295,476	14,271
* Walker & Dunlop Inc.	562,010	14,196
Lakeland Bancorp Inc.	1,010,238	14,184
FBL Financial Group Inc. Class A	204,790	13,100
^ New York Mortgage Trust Inc.	2,175,529	13,097
* First BanCorp (NYSE)	2,516,207	13,084
United Financial Bancorp Inc.	937,366	12,973
First Interstate BancSystem Inc. Class A	409,791	12,913
Flushing Financial Corp.	543,532	12,893
Virtus Investment Partners Inc.	131,179	12,837
InfraREIT Inc.	705,614	12,800
Opus Bank	358,839	12,692
MainSource Financial Group Inc.	505,866	12,621
Armada Hoffer Properties Inc.	940,027	12,596
TrustCo Bank Corp. NY	1,764,324	12,509
Stock Yards Bancorp Inc.	379,295	12,502
* Greenlight Capital Re Ltd. Class A	596,022	12,183
Greenhill & Co. Inc.	512,263	12,074
^ Independence Realty Trust Inc.	1,339,775	12,058
* Customers Bancorp Inc.	478,741	12,045
Oritani Financial Corp.	765,002	12,026
Urstadt Biddle Properties Inc. Class A	530,878	11,796
Community Trust Bancorp Inc.	315,430	11,706
* First Hawaiian Inc.	431,550	11,591
NRG Yield Inc. Class A	709,886	11,585
Cedar Realty Trust Inc.	1,601,597	11,531
Altisource Residential Corp.	1,048,635	11,430
Anworth Mortgage Asset Corp.	2,309,779	11,364

Enterprise Financial Services Corp.	362,687	11,334
^ Univest Corp. of Pennsylvania	483,929	11,305
* INTL. FCStone Inc.	288,350	11,202
BancFirst Corp.	154,431	11,198
Silver Bay Realty Trust Corp.	636,129	11,151
Investment Technology Group Inc.	650,019	11,141
* EZCORP Inc. Class A	999,221	11,051
* HomeStreet Inc.	440,610	11,042

Diamond Hill Investment Group Inc.	59,694	11,031
CoBiz Financial Inc.	823,419	10,960
TriCo Bancshares	407,391	10,906
Washington Trust Bancorp Inc.	270,967	10,898
* ^ Encore Capital Group Inc.	472,449	10,621
Moelis & Co. Class A	392,653	10,558
* Flagstar Bancorp Inc.	378,570	10,505
First Potomac Realty Trust	1,126,094	10,304
Bryn Mawr Bank Corp.	321,507	10,285
Ashford Hospitality Trust Inc.	1,742,580	10,264
James River Group Holdings Ltd.	282,247	10,217
Heritage Financial Corp.	557,294	10,003
Independent Bank Group Inc.	223,639	9,878
ConnectOne Bancorp Inc.	546,168	9,864
Heritage Commerce Corp.	899,335	9,839
Camden National Corp.	204,355	9,756
* ^ Nationstar Mortgage Holdings Inc.	658,469	9,752
Ladder Capital Corp.	735,984	9,744
Meta Financial Group Inc.	156,911	9,510
Dime Community Bancshares Inc.	567,013	9,503
* Ambac Financial Group Inc.	516,038	9,490
Bridge Bancorp Inc.	331,365	9,474
First of Long Island Corp.	285,582	9,467
Horizon Bancorp	320,091	9,404
National Western Life Group Inc. Class A	45,156	9,274
OFG Bancorp	902,551	9,125
Mercantile Bank Corp.	334,701	8,987
* WMIH Corp.	3,826,097	8,953
* Seacoast Banking Corp. of Florida	551,635	8,876
* Altisource Portfolio Solutions SA	273,925	8,875
First Financial Corp.	217,626	8,853
Great Southern Bancorp Inc.	216,492	8,811
CatchMark Timber Trust Inc. Class A	751,681	8,787
German American Bancorp Inc.	225,640	8,784
^ PJT Partners Inc.	320,230	8,733
* NMI Holdings Inc. Class A	1,141,958	8,702
Whitestone REIT	620,016	8,606
Western Asset Mortgage Capital Corp.	816,602	8,509
AG Mortgage Investment Trust Inc.	536,867	8,456
Preferred Bank	232,692	8,319
Suffolk Bancorp	238,041	8,277
Gladstone Commercial Corp.	442,076	8,236
* Marcus & Millichap Inc.	314,926	8,235
NexPoint Residential Trust Inc.	418,055	8,219
Waterstone Financial Inc.	483,596	8,216
Peoples Bancorp Inc.	333,416	8,199
* Tejon Ranch Co.	332,459	8,085
Virtu Financial Inc. Class A	534,106	7,996
UMH Properties Inc.	663,713	7,911

Preferred Apartment Communities Inc. Class A	583,174	7,879
* ^ Citizens Inc. Class A	840,017	7,863
OceanFirst Financial Corp.	406,955	7,838
State National Cos. Inc.	702,191	7,808
Park Sterling Corp.	956,053	7,763
QCR Holdings Inc.	241,763	7,674
* Triumph Bancorp Inc.	385,052	7,639
Resource Capital Corp.	595,479	7,628

Heritage Insurance Holdings Inc.	523,218	7,540
Bank Mutual Corp.	974,772	7,486
Westwood Holdings Group Inc.	140,530	7,464
* Forestar Group Inc.	635,517	7,442
Ashford Hospitality Prime Inc.	527,598	7,439
First Defiance Financial Corp.	165,546	7,390
Stonegate Bank	217,048	7,325
United Community Financial Corp.	1,013,343	7,205
*,^ Cowen Group Inc. Class A	1,977,666	7,179
* Franklin Financial Network Inc.	191,946	7,179
* First Foundation Inc.	287,780	7,100
Southwest Bancorp Inc.	373,430	7,091
CorEnergy Infrastructure Trust Inc.	241,424	7,081
Blue Hills Bancorp Inc.	465,487	6,992
* Ocwen Financial Corp.	1,903,192	6,985
Independent Bank Corp. Michigan	407,911	6,865
Financial Institutions Inc.	252,465	6,844
Dynex Capital Inc.	918,729	6,817
Arrow Financial Corp.	205,731	6,754
Arbor Realty Trust Inc.	895,871	6,647
^ Arlington Asset Investment Corp. Class A	449,150	6,643
Pacific Continental Corp.	392,234	6,597
City Office REIT Inc.	517,645	6,590
* CU Bancorp	287,978	6,569
* TriState Capital Holdings Inc.	405,845	6,554
Fidelity Southern Corp.	355,940	6,546
^ Fidelity & Guaranty Life	281,678	6,532
One Liberty Properties Inc.	269,301	6,506
* Atlantic Capital Bancshares Inc.	424,061	6,352
* PennyMac Financial Services Inc. Class A	372,844	6,342
Ares Commercial Real Estate Corp.	495,533	6,244
First Community Bancshares Inc.	249,700	6,193
EMC Insurance Group Inc.	229,910	6,191
* World Acceptance Corp.	126,053	6,182
RAIT Financial Trust	1,819,930	6,151
First Bancorp	309,122	6,118
* HomeTrust Bancshares Inc.	328,097	6,070
Clifton Bancorp Inc.	396,553	6,063
RMR Group Inc. Class A	159,504	6,052
State Auto Financial Corp.	250,533	5,965
* Xenith Bankshares Inc.	2,581,725	5,964
Cherry Hill Mortgage Investment Corp.	345,287	5,908
OneBeacon Insurance Group Ltd. Class A	412,827	5,895
United Insurance Holdings Corp.	345,313	5,863
Houlihan Lokey Inc.	231,510	5,799
West Bancorporation Inc.	295,741	5,797
1st Source Corp.	159,875	5,707
People's Utah Bancorp	270,818	5,511
* Green Bancorp Inc.	496,893	5,431
Community Healthcare Trust Inc.	246,722	5,408

Federal Agricultural Mortgage Corp.	136,369	5,387
American National Bankshares Inc.	191,544	5,354
HCI Group Inc.	175,262	5,321
* Allegiance Bancshares Inc.	196,677	5,310
Newcastle Investment Corp.	1,159,643	5,253
* HarborOne Bancorp Inc.	330,641	5,211
Prudential Bancorp Inc.	354,021	5,126

Peapack Gladstone Financial Corp.	227,470	5,098
* Safeguard Scientifics Inc.	390,295	5,058
First Connecticut Bancorp Inc.	283,698	5,047
* PICO Holdings Inc.	427,879	5,045
* Nicolet Bankshares Inc.	131,418	5,040
^ Peoples Financial Services Corp.	122,169	4,980
Bluerock Residential Growth REIT Inc. Class A	381,151	4,955
* National Commerce Corp.	181,065	4,900
Kinsale Capital Group Inc.	217,605	4,787
* ESCROW WINTHROP REALTYTRUST	562,609	4,760
* Enova International Inc.	491,004	4,753
Carolina Financial Corp.	212,611	4,750
Charter Financial Corp.	368,630	4,748
^ National Bankshares Inc.	128,302	4,719
Federated National Holding Co.	250,169	4,676
* Regional Management Corp.	215,324	4,662
Old Second Bancorp Inc.	559,606	4,650
Consolidated-Tomoka Land Co.	90,494	4,632
*, ^ On Deck Capital Inc.	805,148	4,589
* Bancorp Inc.	699,990	4,494
National Interstate Corp.	136,300	4,434
MBT Financial Corp.	489,863	4,433
Republic Bancorp Inc. Class A	141,426	4,396
ZAIS Financial Corp.	299,095	4,316
Timberland Bancorp Inc.	273,570	4,309
* FRP Holdings Inc.	138,078	4,290
Guaranty Bancorp	239,324	4,272
Bank of Marin Bancorp	83,285	4,142
Baldwin & Lyons Inc.	161,521	4,140
GAIN Capital Holdings Inc.	669,035	4,135
* Ladenburg Thalmann Financial Services Inc.	1,773,604	4,097
^ American Farmland Co.	518,243	4,089
CNB Financial Corp.	191,517	4,053
* First Northwest Bancorp	300,246	4,050
Citizens & Northern Corp.	184,137	4,045
Owens Realty Mortgage Inc.	231,509	4,010
Great Ajax Corp.	291,892	3,984
Hingham Institution for Savings	28,760	3,983
* eHealth Inc.	354,619	3,975
Ames National Corp.	142,705	3,947
Ellington Residential Mortgage REIT	301,460	3,913
MidWestOne Financial Group Inc.	128,802	3,912
^ Orchid Island Capital Inc.	374,756	3,905
First Mid-Illinois Bancshares Inc.	143,048	3,899
* MoneyGram International Inc.	547,471	3,887
Territorial Bancorp Inc.	135,276	3,877
^ Jernigan Capital Inc.	202,133	3,875
Global Medical REIT Inc.	393,562	3,841
Macatawa Bank Corp.	476,968	3,811
* CardConnect Corp.	389,689	3,807
Sun Bancorp Inc.	164,339	3,790
* Southern First Bancshares Inc.	136,999	3,778

Investar Holding Corp.	243,121	3,732
Heritage Oaks Bancorp	454,038	3,723
Tiptree Financial Inc. Class A	622,227	3,696
* NewStar Financial Inc.	380,250	3,692
* Global Indemnity plc	123,813	3,677

Reis Inc.	177,658	3,635
^ Wheeler REIT Inc.	2,056,420	3,599
Shore Bancshares Inc.	301,263	3,549
Pzena Investment Management Inc. Class A	458,849	3,533
^ Farmland Partners Inc.	313,195	3,508
Bear State Financial Inc.	380,886	3,500
ESSA Bancorp Inc.	251,458	3,478
Farmers Capital Bank Corp.	115,952	3,437
BankFinancial Corp.	270,307	3,433
Southern National Bancorp of Virginia Inc.	258,700	3,376
*,^ First Community Financial Partners Inc.	349,176	3,324
Manning & Napier Inc.	468,536	3,322
Enterprise Bancorp Inc.	118,604	3,321
* Cascade Bancorp	545,291	3,304
First Bancorp Inc.	137,418	3,294
* First NBC Bank Holding Co.	346,096	3,267
Bank of Commerce Holdings	442,890	3,189
Westfield Financial Inc.	415,733	3,180
Silvercrest Asset Management Group Inc. Class A	264,796	3,143
* Trinity Place Holdings Inc.	318,717	3,117
* CommunityOne Bancorp	225,141	3,116
MidSouth Bancorp Inc.	299,101	3,111
Sierra Bancorp	165,804	3,110
Donegal Group Inc. Class A	192,422	3,100
* Pacific Mercantile Bancorp	416,818	3,072
Marlin Business Services Corp.	155,534	3,014
*,^ Impac Mortgage Holdings Inc.	223,398	2,947
FBR & Co.	220,820	2,924
Provident Financial Holdings Inc.	149,165	2,918
* BSB Bancorp Inc.	121,357	2,843
First Financial Northwest Inc.	199,551	2,828
Associated Capital Group Inc. Class A	78,746	2,792
Five Oaks Investment Corp.	486,638	2,764
Bar Harbor Bankshares	74,692	2,743
Midland States Bancorp Inc.	107,600	2,727
* Carolina Bank Holdings Inc.	138,316	2,699
* Entegra Financial Corp.	144,122	2,646
Penns Woods Bancorp Inc.	58,654	2,608
First Business Financial Services Inc.	110,487	2,596
Unity Bancorp Inc.	199,003	2,551
Home Bancorp Inc.	90,717	2,540
Central Valley Community Bancorp	158,873	2,520
Northrim BanCorp Inc.	97,271	2,505
* AV Homes Inc.	150,347	2,502
* Equity Bancshares Inc. Class A	95,079	2,466
Lake Sunapee Bank Group	136,180	2,461
* Atlas Financial Holdings Inc.	156,036	2,461
Middleburg Financial Corp.	86,547	2,448
GAMCO Investors Inc. Class A	85,479	2,434
C&F Financial Corp.	54,712	2,357

Ocean Shore Holding Co.	103,428	2,343
Sotherly Hotels Inc.	439,929	2,314
Capital City Bank Group Inc.	153,843	2,272
Calamos Asset Management Inc. Class A	331,838	2,263
*,^ SmartFinancial Inc.	139,194	2,262
^ CPI Card Group Inc.	374,155	2,260
MutualFirst Financial Inc.	81,343	2,256

Merchants Bancshares Inc.	69,588	2,254
* UCP Inc.	252,832	2,227
* Stratus Properties Inc.	90,559	2,210
* Republic First Bancorp Inc.	534,080	2,195
Oppenheimer Holdings Inc. Class A	151,744	2,168
*,^ Walter Investment Management Corp.	533,947	2,168
*,^ Commerce Union Bancshares Inc.	109,466	2,167
Old Line Bancshares Inc.	109,545	2,161
Access National Corp.	89,442	2,138
United Bancorp Inc.	194,803	2,118
Investors Title Co.	20,745	2,064
Independence Holding Co.	119,927	2,060
SI Financial Group Inc.	155,648	2,055
Gladstone Land Corp.	193,527	2,049
Century Bancorp Inc. Class A	44,025	1,995
* Consumer Portfolio Services Inc.	429,604	1,972
Blue Capital Reinsurance Holdings Ltd.	107,626	1,972
* Hallmark Financial Services Inc.	188,402	1,939
* Malvern Bancorp Inc.	116,188	1,938
* MedEquities Realty Trust Inc.	160,700	1,888
Global Self Storage Inc.	357,723	1,882
* MSB Financial Corp.	137,727	1,861
Orrstown Financial Services Inc.	93,920	1,855
^ United Development Funding IV	578,058	1,850
Federal Agricultural Mortgage Corp. Class A	38,986	1,831
* Veritex Holdings Inc.	104,124	1,811
*,^ Centru Financial Corp.	96,309	1,811
HopFed Bancorp Inc.	159,165	1,784
* Performant Financial Corp.	604,499	1,783
First Internet Bancorp	70,958	1,638
Medley Management Inc. Class A	192,560	1,619
Premier Financial Bancorp Inc.	93,897	1,609
Kingstone Cos. Inc.	171,459	1,583
FS Bancorp Inc.	53,683	1,568
1st Constitution Bancorp	112,587	1,554
* Westbury Bancorp Inc.	75,189	1,485
* Emergent Capital Inc.	478,440	1,402
* Ashford Inc.	28,887	1,369
* Health Insurance Innovations Inc. Class A	259,314	1,361
Summit State Bank	100,134	1,360
* Atlantic Coast Financial Corp.	215,724	1,357
*,^ Stonegate Mortgage Corp.	280,184	1,283
Northeast Bancorp	108,989	1,262
* Nicholas Financial Inc.	120,764	1,222
* Maui Land & Pineapple Co. Inc.	184,180	1,208
* American River Bankshares	111,351	1,207
First Bancshares Inc.	60,115	1,168
CB Financial Services Inc.	50,036	1,155
Urstadt Biddle Properties Inc.	63,312	1,146
Fifth Street Asset Management Inc.	199,952	1,102
United Security Bancshares Inc.	102,457	1,085
^ Poage Bankshares Inc.	54,231	1,049
* Asta Funding Inc.	98,981	1,039

* Liberty Broadband Corp. Class A	14,799	1,038
* JW Mays Inc.	22,036	1,038
Bankwell Financial Group Inc.	42,590	1,009
*,^ FXCM Inc. Class A	109,161	957

* Coastway Bancorp Inc.	69,446	951
*,^ IZEA Inc.	153,074	899
^ DNB Financial Corp.	33,490	867
* Conifer Holdings Inc.	103,497	862
AmeriServ Financial Inc.	261,840	861
Landmark Bancorp Inc.	32,561	855
* Jason Industries Inc.	381,176	846
* Security National Financial Corp. Class A	143,485	838
* First United Corp.	66,910	828
Hennessy Advisors Inc.	22,997	816
PB Bancorp Inc.	92,785	805
Parke Bancorp Inc.	52,971	790
* Sunshine Bancorp Inc.	49,692	726
Manhattan Bridge Capital Inc.	94,264	676
Mackinac Financial Corp.	58,687	674
Home Federal Bancorp Inc.	26,980	640
* Provident Bancorp Inc.	40,760	636
Citizens Community Bancorp Inc.	52,641	589
* 1347 Property Insurance Holdings Inc.	91,546	576
*,^ Altisource Asset Management Corp.	25,876	479
Bancorp of New Jersey Inc.	42,022	478
Sussex Bancorp	26,213	428
US Global Investors Inc. Class A	226,371	417
California First National Bancorp	28,965	404
* FB Financial Corp.	18,771	379
* Anchor Bancorp Inc.	14,890	377
*,^ Connecture Inc.	200,093	376
Eagle Bancorp Montana Inc.	25,938	375
United Community Bancorp	24,599	371
* First Acceptance Corp.	355,594	359
Salisbury Bancorp Inc.	11,312	350
* Melrose Bancorp Inc.	19,964	297
* National Holdings Corp.	89,836	294
First Savings Financial Group Inc.	7,979	288
Chicopee Bancorp Inc.	13,704	254
United Bancshares Inc.	12,609	252
* Intersections Inc.	135,176	245
IF Bancorp Inc.	12,845	239
Pathfinder Bancorp Inc.	17,572	214
Wellesley Bank	9,400	206
* Bay Bancorp Inc.	34,172	188
* InterGroup Corp.	6,301	152
WVS Financial Corp.	11,313	144
Institutional Financial Markets Inc.	102,416	112
* RMG Networks Holding Corp.	111,292	98
*,^ ZAIS Group Holdings Inc.	40,786	94
*,^ Income Opportunity Realty Investors Inc.	12,550	92
Atlantic American Corp.	11,780	38
* Randolph Bancorp Inc.	2,600	35
* Unico American Corp.	1,600	18
* Vestin Realty Mortgage II Inc.	6,262	16
* ITUS Corp.	3,799	15
National Security Group Inc.	600	11
* LM Funding America Inc.	1,200	10

Lake Shore Bancorp Inc.	700	9
Baldwin & Lyons Inc. Class A	225	5
* American Realty Investors Inc.	100	1

88,280,169**Health Care (13.3%)**

Johnson & Johnson	56,360,968	6,657,921
Pfizer Inc.	124,631,591	4,221,272
Merck & Co. Inc.	56,825,578	3,546,484
UnitedHealth Group Inc.	19,566,978	2,739,377
Amgen Inc.	15,414,180	2,571,239
Medtronic plc	28,625,695	2,473,260
Gilead Sciences Inc.	27,115,091	2,145,346
AbbVie Inc.	33,540,416	2,115,394
* Allergan plc	8,136,419	1,873,899
Bristol-Myers Squibb Co.	34,343,914	1,851,824
* Celgene Corp.	15,914,769	1,663,571
Eli Lilly & Co.	20,412,365	1,638,296
* Biogen Inc.	4,502,296	1,409,354
Thermo Fisher Scientific Inc.	8,084,994	1,285,999
Abbott Laboratories	30,200,847	1,277,194
* Express Scripts Holding Co.	12,947,318	913,174
Aetna Inc.	7,201,854	831,454
Becton Dickinson and Co.	4,365,437	784,600
Stryker Corp.	6,148,297	715,723
Cigna Corp.	5,272,686	687,136
Anthem Inc.	5,403,518	677,115
* Boston Scientific Corp.	27,970,059	665,687
* Regeneron Pharmaceuticals Inc.	1,591,267	639,721
* Intuitive Surgical Inc.	792,313	574,292
* Illumina Inc.	3,012,310	547,216
Humana Inc.	3,064,448	542,070
* Alexion Pharmaceuticals Inc.	4,376,342	536,277
* Edwards Lifesciences Corp.	4,372,095	527,100
Zoetis Inc.	10,134,548	527,098
Zimmer Biomet Holdings Inc.	3,934,066	511,507
* HCA Holdings Inc.	6,660,251	503,715
Baxter International Inc.	10,085,472	480,068
St. Jude Medical Inc.	5,854,295	466,939
* Vertex Pharmaceuticals Inc.	5,094,802	444,318
* Mylan NV	9,326,745	355,536
CR Bard Inc.	1,508,177	338,254
* Incyte Corp.	3,275,058	308,805
* BioMarin Pharmaceutical Inc.	3,333,505	308,416
* Laboratory Corp. of America Holdings	2,091,880	287,592
Dentsply Sirona Inc.	4,821,145	286,521
* Henry Schein Inc.	1,677,565	273,410
Perrigo Co. plc	2,793,279	257,903
* Waters Corp.	1,564,042	247,885
Quest Diagnostics Inc.	2,879,931	243,729
Universal Health Services Inc. Class B	1,837,528	226,420
* DaVita Inc.	3,389,684	223,956
* Centene Corp.	3,328,063	222,847
* Hologic Inc.	5,703,013	221,448
* IDEXX Laboratories Inc.	1,843,719	207,842
* Varian Medical Systems Inc.	1,942,784	193,365
ResMed Inc.	2,885,165	186,930
Cooper Cos. Inc.	992,900	177,987
* Mallinckrodt plc	2,208,190	154,088
Teleflex Inc.	904,985	152,083

* Quintiles Transnational Holdings Inc.	1,857,094	150,536
* Alkermes plc	3,103,745	145,969
* DexCom Inc.	1,642,930	144,019
* Jazz Pharmaceuticals plc	1,177,648	143,061
* Align Technology Inc.	1,472,207	138,019
STERIS plc	1,755,766	128,347
* MEDNAX Inc.	1,913,444	126,766
West Pharmaceutical Services Inc.	1,508,270	112,366
*,^ Seattle Genetics Inc.	2,056,616	111,078
*,^ United Therapeutics Corp.	907,012	107,100
* WellCare Health Plans Inc.	903,381	105,777
* ABIOMED Inc.	803,015	103,252
* Alnylam Pharmaceuticals Inc.	1,495,739	101,381
* Neurocrine Biosciences Inc.	1,823,279	92,331
*,^ Ionis Pharmaceuticals Inc.	2,479,929	90,865
* Envision Healthcare Holdings Inc.	3,832,198	85,343
Bio-Techne Corp.	765,208	83,790
* Endo International plc	4,118,766	82,993
* Charles River Laboratories International Inc.	958,413	79,874
Patterson Cos. Inc.	1,721,924	79,105
* Cepheid	1,495,118	78,778
* Alere Inc.	1,780,418	76,985
* Acadia Healthcare Co. Inc.	1,533,430	75,981
* Amsurg Corp.	1,122,704	75,277
* PAREXEL International Corp.	1,081,732	75,126
Hill-Rom Holdings Inc.	1,196,841	74,180
*,^ OPKO Health Inc.	6,985,564	73,977
HealthSouth Corp.	1,748,530	70,938
*,^ TESARO Inc.	694,844	69,651
* Bio-Rad Laboratories Inc. Class A	422,050	69,136
* NuVasive Inc.	1,022,946	68,190
* Brookdale Senior Living Inc.	3,803,672	66,374
* Catalent Inc.	2,548,604	65,856
*,^ Sarepta Therapeutics Inc.	1,033,465	63,465
*,^ ACADIA Pharmaceuticals Inc.	1,968,173	62,608
* Exelixis Inc.	4,864,702	62,220
* Horizon Pharma plc	3,323,578	60,256
Healthcare Services Group Inc.	1,409,196	55,776
*,^ Intercept Pharmaceuticals Inc.	329,112	54,169
* Masimo Corp.	906,452	53,925
Cantel Medical Corp.	683,830	53,325
* LifePoint Health Inc.	890,098	52,721
* Prestige Brands Holdings Inc.	1,083,145	52,283
* Wright Medical Group NV	2,116,353	51,914
* Bluebird Bio Inc.	765,408	51,879
* Medicines Co.	1,373,898	51,851
*,^ Ultragenyx Pharmaceutical Inc.	730,623	51,830
* Molina Healthcare Inc.	869,241	50,694
* Integra LifeSciences Holdings Corp.	613,742	50,664
Bruker Corp.	2,231,971	50,554
* VWR Corp.	1,759,851	49,909
* Akorn Inc.	1,828,461	49,844
* ARIAD Pharmaceuticals Inc.	3,568,800	48,857
*,^ Juno Therapeutics Inc.	1,627,320	48,836
* Insulet Corp.	1,182,149	48,397
* Nektar Therapeutics	2,795,187	48,021
* INC Research Holdings Inc. Class A	1,033,041	46,053

* ^ Kite Pharma Inc.	816,620	45,616
* Nevro Corp.	436,166	45,531
* Team Health Holdings Inc.	1,378,561	44,886
Owens & Minor Inc.	1,280,876	44,485
* Ironwood Pharmaceuticals Inc. Class A	2,706,426	42,978
* Neogen Corp.	741,324	41,470
* Ligand Pharmaceuticals Inc.	400,463	40,871
* Radius Health Inc.	754,971	40,836
* ^ Exact Sciences Corp.	2,194,157	40,746
* HMS Holdings Corp.	1,740,243	38,581
* Penumbra Inc.	507,457	38,562
* Haemonetics Corp.	1,054,728	38,192
* Puma Biotechnology Inc.	567,299	38,037
* ICU Medical Inc.	295,414	37,334
* Tenet Healthcare Corp.	1,640,277	37,169
* Impax Laboratories Inc.	1,553,076	36,808
* Agios Pharmaceuticals Inc.	678,082	35,816
* PRA Health Sciences Inc.	615,675	34,792
* Halyard Health Inc.	955,429	33,115
* NxStage Medical Inc.	1,325,053	33,113
* Globus Medical Inc.	1,396,447	31,518
* Depomed Inc.	1,252,254	31,294
* ^ Intrexon Corp.	1,097,996	30,766
* Ophthotech Corp.	661,497	30,515
* Five Prime Therapeutics Inc.	573,303	30,093
* Myriad Genetics Inc.	1,425,566	29,338
* Sage Therapeutics Inc.	633,396	29,168
* Spark Therapeutics Inc.	480,204	28,841
* Alder Biopharmaceuticals Inc.	876,660	28,728
* Select Medical Holdings Corp.	2,127,389	28,720
* Zeltiq Aesthetics Inc.	726,899	28,509
* ^ Halozyme Therapeutics Inc.	2,349,987	28,388
* ^ Theravance Biopharma Inc.	770,738	27,932
* Surgical Care Affiliates Inc.	572,807	27,930
* Amedisys Inc.	581,304	27,577
* Magellan Health Inc.	506,783	27,229
* Omnicell Inc.	699,069	26,774
* ^ Community Health Systems Inc.	2,228,819	25,721
* Natus Medical Inc.	648,306	25,472
* Pacira Pharmaceuticals Inc.	733,017	25,084
* Inogen Inc.	413,340	24,759
* Cynosure Inc. Class A	481,561	24,531
* ^ Clovis Oncology Inc.	670,610	24,176
* Supernus Pharmaceuticals Inc.	948,378	23,453
* ^ Cemptra Inc.	949,091	22,968
Analogic Corp.	257,463	22,811
* ^ Array BioPharma Inc.	3,352,538	22,630
Abaxis Inc.	437,409	22,579
* Aerie Pharmaceuticals Inc.	594,085	22,421
* Portola Pharmaceuticals Inc.	984,558	22,359
* ^ TherapeuticsMD Inc.	3,267,558	22,252
* Air Methods Corp.	700,372	22,055
* Spectranetics Corp.	876,739	21,997
CONMED Corp.	548,704	21,981
* Acceleron Pharma Inc.	605,941	21,929
* ^ Amicus Therapeutics Inc.	2,948,984	21,823
* Emergent BioSolutions Inc.	687,943	21,691

* Repligen Corp.	699,930	21,131
* FibroGen Inc.	1,016,031	21,032
*,^ Endologix Inc.	1,613,894	20,658
* Merit Medical Systems Inc.	850,071	20,648
* MacroGenics Inc.	684,906	20,486
*,^ Synergy Pharmaceuticals Inc.	3,566,469	19,651
* Acorda Therapeutics Inc.	938,588	19,598
Ensign Group Inc.	964,319	19,412
* Achillion Pharmaceuticals Inc.	2,333,763	18,904
* Dermira Inc.	542,483	18,347
* Insmmed Inc.	1,238,107	17,977
* Xencor Inc.	729,441	17,864
* Luminex Corp.	783,424	17,799
*,^ Lannett Co. Inc.	659,616	17,526
*,^ Innoviva Inc.	1,591,432	17,490
*,^ MiMedx Group Inc.	2,033,168	17,445
* AMAG Pharmaceuticals Inc.	702,061	17,208
Kindred Healthcare Inc.	1,675,219	17,121
* Healthways Inc.	638,479	16,894
* PharMerica Corp.	598,437	16,798
* Vascular Solutions Inc.	344,130	16,597
* Retrophin Inc.	740,500	16,572
Meridian Bioscience Inc.	849,272	16,382
*,^ Merrimack Pharmaceuticals Inc.	2,511,344	15,947
*,^ Accelerate Diagnostics Inc.	573,829	15,643
*,^ Lexicon Pharmaceuticals Inc.	862,969	15,594
* Cardiovascular Systems Inc.	655,504	15,562
* Orthofix International NV	362,824	15,518
*,^ Pacific Biosciences of California Inc.	1,710,535	15,326
US Physical Therapy Inc.	244,162	15,309
* Momenta Pharmaceuticals Inc.	1,299,403	15,190
* Raptor Pharmaceutical Corp.	1,661,945	14,908
* HealthStream Inc.	515,079	14,216
*,^ ZIOPHARM Oncology Inc.	2,444,284	13,761
* Anika Therapeutics Inc.	287,484	13,756
* Amphastar Pharmaceuticals Inc.	719,162	13,643
* Vanda Pharmaceuticals Inc.	814,622	13,555
* Glaukos Corp.	354,822	13,391
*,^ Cerus Corp.	2,134,689	13,256
*,^ Eagle Pharmaceuticals Inc.	189,234	13,246
*,^ Coherus Biosciences Inc.	493,113	13,206
*,^ Inovio Pharmaceuticals Inc.	1,403,621	13,082
* Adeptus Health Inc. Class A	296,286	12,755
Atrion Corp.	29,706	12,673
National HealthCare Corp.	187,782	12,392
* Quidel Corp.	549,282	12,134
*,^ Heron Therapeutics Inc.	693,028	11,941
*,^ Novavax Inc.	5,653,335	11,759
* Avexis Inc.	277,743	11,446
* LHC Group Inc.	306,788	11,314
PDL BioPharma Inc.	3,331,982	11,162
* NeoGenomics Inc.	1,353,034	11,122
* Agenus Inc.	1,529,296	10,980
CryoLife Inc.	617,141	10,843
* ANI Pharmaceuticals Inc.	163,303	10,835
* Genomic Health Inc.	372,549	10,774
* Lion Biotechnologies Inc.	1,288,575	10,605

* ^ Corcept Therapeutics Inc.	1,629,126	10,589
* Blueprint Medicines Corp.	352,934	10,482
* Vitae Pharmaceuticals Inc.	500,982	10,481
* AtriCure Inc.	656,708	10,389
* AngioDynamics Inc.	589,175	10,334
* ^ Teladoc Inc.	559,069	10,237
* Intra-Cellular Therapies Inc. Class A	663,529	10,112
* BioTelemetry Inc.	538,666	10,003
* Triple-S Management Corp. Class B	454,694	9,971
* Accuray Inc.	1,555,699	9,910
* Flexion Therapeutics Inc.	500,386	9,778
* GenMark Diagnostics Inc.	824,046	9,724
* K2M Group Holdings Inc.	543,390	9,662
* Capital Senior Living Corp.	574,465	9,651
* ^ Global Blood Therapeutics Inc.	418,023	9,635
* PTC Therapeutics Inc.	673,594	9,437
* SciClone Pharmaceuticals Inc.	916,234	9,391
* ^ Bellicum Pharmaceuticals Inc.	469,151	9,336
* ^ Omeros Corp.	832,012	9,285
* ^ Progenics Pharmaceuticals Inc.	1,443,266	9,136
* ^ Keryx Biopharmaceuticals Inc.	1,709,334	9,077
* Arena Pharmaceuticals Inc.	5,027,494	8,798
* OraSure Technologies Inc.	1,081,125	8,617
* Cytokinetics Inc.	930,846	8,545
* ^ Celldex Therapeutics Inc.	2,111,434	8,530
* ^ Albany Molecular Research Inc.	510,347	8,426
* Otonomy Inc.	461,727	8,399
* ^ Arrowhead Pharmaceuticals Inc.	1,138,141	8,365
* ^ Dynavax Technologies Corp.	785,884	8,244
* Enanta Pharmaceuticals Inc.	308,632	8,213
* Intersect ENT Inc.	514,671	8,152
* Surmodics Inc.	266,369	8,015
* Epizyme Inc.	814,535	8,015
* Surgery Partners Inc.	394,012	7,975
* ^ Advaxis Inc.	733,234	7,838
* ^ Loxo Oncology Inc.	298,317	7,810
* ^ Novocure Ltd.	896,274	7,654
* Ardelyx Inc.	588,280	7,612
* Atara Biotherapeutics Inc.	355,689	7,608
* ^ Sorrento Therapeutics Inc.	977,585	7,567
Universal American Corp.	978,330	7,484
* ^ Aduro Biotech Inc.	600,653	7,466
* CorVel Corp.	192,451	7,390
* ^ Geron Corp.	3,208,594	7,251
* ^ Insys Therapeutics Inc.	614,262	7,242
* Rigel Pharmaceuticals Inc.	1,951,783	7,163
* ^ Minerva Neurosciences Inc.	499,167	7,046
* NewLink Genetics Corp.	460,879	6,922
* ^ Revance Therapeutics Inc.	425,849	6,903
* Heska Corp.	126,115	6,864
* ^ Aclaris Therapeutics Inc.	264,547	6,775
Invacare Corp.	605,446	6,763
* La Jolla Pharmaceutical Co.	280,672	6,677
* ^ Teligent Inc.	878,432	6,676
* ^ BioCryst Pharmaceuticals Inc.	1,508,238	6,651
* Almost Family Inc.	179,274	6,592
* ^ Rockwell Medical Inc.	976,290	6,541

* CoLucid Pharmaceuticals Inc.	170,768	6,515
* Aratana Therapeutics Inc.	685,970	6,421
*,^ Organovo Holdings Inc.	1,691,277	6,410
*,^ Immunomedics Inc.	1,965,130	6,387
*,^ ConforMIS Inc.	642,370	6,372
* Sucampo Pharmaceuticals Inc. Class A	516,801	6,362
*,^ CytomX Therapeutics Inc.	403,374	6,325
* Sangamo BioSciences Inc.	1,357,458	6,285
* BioScrip Inc.	2,171,248	6,275
* REGENXBIO Inc.	442,466	6,199
*,^ Foundation Medicine Inc.	264,847	6,184
* STAAR Surgical Co.	654,148	6,149
* Spectrum Pharmaceuticals Inc.	1,304,779	6,093
*,^ Aimmune Therapeutics Inc.	398,161	5,972
* AxoGen Inc.	654,820	5,913
* Natera Inc.	528,655	5,873
*,^ TG Therapeutics Inc.	744,042	5,759
LeMaitre Vascular Inc.	289,778	5,749
* Curis Inc.	2,166,472	5,655
*,^ Corbus Pharmaceuticals Holdings Inc.	831,672	5,647
*,^ Editas Medicine Inc.	415,432	5,600
* Civitas Solutions Inc.	301,189	5,500
* Zogenix Inc.	480,757	5,495
* Clearside Biomedical Inc.	313,777	5,444
* Versartis Inc.	442,894	5,425
* Exactech Inc.	197,722	5,344
*,^ OncoMed Pharmaceuticals Inc.	466,877	5,336
*,^ Idera Pharmaceuticals Inc.	2,084,208	5,336
* Akebia Therapeutics Inc.	588,889	5,329
*,^ BioTime Inc.	1,358,840	5,300
* NanoString Technologies Inc.	259,814	5,191
*,^ MyoKardia Inc.	316,156	5,166
* Trevena Inc.	763,223	5,152
* Collegium Pharmaceutical Inc.	266,846	5,139
*,^ Adamas Pharmaceuticals Inc.	311,807	5,117
*,^ XBiotech Inc.	370,609	4,988
*,^ ImmunoGen Inc.	1,855,353	4,972
*,^ Antares Pharma Inc.	2,899,855	4,872
*,^ Seres Therapeutics Inc.	395,947	4,866
*,^ MediciNova Inc.	645,540	4,835
* Fluidigm Corp.	601,211	4,816
* Tobira Therapeutics Inc.	119,567	4,752
* OvaScience Inc.	655,076	4,690
* Karyopharm Therapeutics Inc.	468,167	4,555
* Paratek Pharmaceuticals Inc.	344,143	4,477
Utah Medical Products Inc.	74,659	4,465
* RadNet Inc.	599,908	4,439
*,^ NantKwest Inc.	569,512	4,431
* Esperion Therapeutics Inc.	313,991	4,349
* BioSpecifics Technologies Corp.	94,947	4,336
*,^ Invitae Corp.	480,592	4,210
*,^ InVivo Therapeutics Holdings Corp.	618,209	4,204
*,^ AAC Holdings Inc.	222,723	3,873
* Audentes Therapeutics Inc.	215,306	3,835
* Chimerix Inc.	690,400	3,825
* Enzo Biochem Inc.	748,568	3,810
* ArQule Inc.	2,100,471	3,760

* Ignyta Inc.	595,436	3,745
* ChemoCentryx Inc.	619,629	3,743
* Edge Therapeutics Inc.	357,861	3,725
* Addus HomeCare Corp.	141,319	3,697
* Invuity Inc.	266,662	3,659
* Stemline Therapeutics Inc.	336,020	3,639
* American Renal Associates Holdings Inc.	196,552	3,591
* Quorum Health Corp.	570,493	3,577
* Inotek Pharmaceuticals Corp.	372,534	3,532
* Durect Corp.	2,534,533	3,523
* Medgenics Inc.	628,869	3,503
* Proteostasis Therapeutics Inc.	223,775	3,489
* Concert Pharmaceuticals Inc.	342,354	3,461
* Cascadian Therapeutics Inc.	2,107,861	3,457
*,^ MannKind Corp.	5,358,134	3,322
Digirad Corp.	646,736	3,298
*,^ Cara Therapeutics Inc.	393,214	3,283
*,^ Nobilis Health Corp.	971,667	3,255
* Cuteri Inc.	260,193	3,102
*,^ Mirati Therapeutics Inc.	466,828	3,086
*,^ Athersys Inc.	1,447,833	3,084
*,^ Voyager Therapeutics Inc.	254,663	3,059
* RTI Surgical Inc.	976,317	3,056
* Tandem Diabetes Care Inc.	396,621	3,038
* Lantheus Holdings Inc.	365,773	3,029
* FONAR Corp.	145,405	2,987
* IRIDEX Corp.	203,451	2,948
* Dimension Therapeutics Inc.	367,403	2,936
*,^ Sientra Inc.	323,353	2,907
* Pfenex Inc.	322,886	2,890
*,^ BioDelivery Sciences International Inc.	1,052,661	2,842
*,^ AcetRx Pharmaceuticals Inc.	714,146	2,778
* PharmAthene Inc.	957,039	2,775
*,^ Synthetic Biologics Inc.	1,576,243	2,711
* Tetraphase Pharmaceuticals Inc.	696,191	2,666
*,^ Intellia Therapeutics Inc.	156,417	2,662
*,^ Vital Therapies Inc.	431,124	2,639
* Corvus Pharmaceuticals Inc.	157,500	2,591
* Entellus Medical Inc.	113,682	2,521
*,^ Anavex Life Sciences Corp.	691,391	2,510
*,^ Trovogene Inc.	553,206	2,484
* Regulus Therapeutics Inc.	745,540	2,460
*,^ Argos Therapeutics Inc.	494,519	2,458
*,^ Veracyte Inc.	315,290	2,399
* Harvard Bioscience Inc.	878,204	2,389
*,^ T2 Biosystems Inc.	329,700	2,387
Psychomedics Corp.	119,907	2,379
*,^ Ocular Therapeutix Inc.	345,571	2,374
* Syndax Pharmaceuticals Inc.	154,100	2,336
*,^ Bio-Path Holdings Inc.	1,668,203	2,336
* Anthera Pharmaceuticals Inc.	734,921	2,315
*,^ Egalet Corp.	303,746	2,312
* Flex Pharma Inc.	193,812	2,283
*,^ Abeona Therapeutics Inc.	380,338	2,282
*,^ Endocyte Inc.	720,392	2,226
*,^ CytoSorbents Corp.	338,449	2,166
* Assembly Biosciences Inc.	300,412	2,166

* Derma Sciences Inc.	460,614	2,151
*,^ Titan Pharmaceuticals Inc.	365,642	2,150
*,^ Zynherba Pharmaceuticals Inc.	164,012	2,140
* Applied Genetic Technologies Corp.	215,957	2,112
* Genocea Biosciences Inc.	412,485	2,112
* Chembio Diagnostics Inc.	281,061	2,071
*,^ VIVUS Inc.	1,793,335	2,044
* Senseonics Holdings Inc.	520,900	2,032
*,^ Navidea Biopharmaceuticals Inc.	2,166,979	1,984
* GlycoMimetics Inc.	270,870	1,937
* Zafgen Inc.	581,912	1,926
*,^ CorMedix Inc.	759,664	1,914
*,^ Bovie Medical Corp.	362,698	1,890
* EndoChoice Holdings Inc.	236,545	1,888
* Catalyst Pharmaceuticals Inc.	1,715,282	1,870
*,^ Avinger Inc.	390,973	1,865
* pSivida Corp.	618,686	1,862
*,^ XOMA Corp.	4,013,259	1,842
* Agile Therapeutics Inc.	259,723	1,813
* Kura Oncology Inc.	287,100	1,794
*,^ iRadimed Corp.	104,676	1,778
* SeaSpine Holdings Corp.	175,294	1,772
*,^ Tenax Therapeutics Inc.	761,768	1,752
* Peregrine Pharmaceuticals Inc.	4,061,223	1,746
* Vericel Corp.	622,509	1,743
* Dipexium Pharmaceuticals Inc.	118,529	1,719
*,^ VBI Vaccines Inc.	499,775	1,679
* Alliance HealthCare Services Inc.	244,607	1,678
*,^ ViewRay Inc.	369,163	1,669
*,^ Axsome Therapeutics Inc.	207,300	1,634
*,^ Galena Biopharma Inc.	4,632,270	1,623
* Recro Pharma Inc.	181,202	1,602
*,^ Alimera Sciences Inc.	1,059,192	1,578
*,^ Ohr Pharmaceutical Inc.	553,726	1,567
* SCYNEXIS Inc.	404,561	1,566
*,^ Fortress Biotech Inc.	526,032	1,562
* Five Star Quality Care Inc.	814,554	1,556
*,^ Asterias Biotherapeutics Inc.	365,638	1,550
*,^ Aegerion Pharmaceuticals Inc.	515,621	1,531
*,^ CTI BioPharma Corp.	4,064,211	1,521
^ Osiris Therapeutics Inc.	304,647	1,511
*,^ Neos Therapeutics Inc.	225,948	1,487
* Dicerna Pharmaceuticals Inc.	250,016	1,470
* Aviragen Therapeutics Inc.	765,307	1,469
* Cidara Therapeutics Inc.	126,588	1,449
*,^ ContraFect Corp.	584,301	1,449
* Eiger BioPharmaceuticals Inc.	106,135	1,421
* Kindred Biosciences Inc.	283,866	1,411
* Immune Design Corp.	185,675	1,407
*,^ Actinium Pharmaceuticals Inc.	1,035,975	1,399
* Fate Therapeutics Inc.	436,806	1,363
* Infinity Pharmaceuticals Inc.	867,413	1,353
*,^ Sophiris Bio Inc.	431,910	1,343
*,^ Biolase Inc.	763,675	1,336
* Nivalis Therapeutics Inc.	161,630	1,314
* Juniper Pharmaceuticals Inc.	236,637	1,313
*,^ NanoViricides Inc.	765,867	1,294

* ^ Repros Therapeutics Inc.	613,773	1,283
* Adverum Biotechnologies Inc.	309,016	1,270
* ^ Corindus Vascular Robotics Inc.	1,143,490	1,269
* vTv Therapeutics Inc. Class A	174,907	1,258
* Corium International Inc.	221,335	1,244
* Genesis Healthcare Inc.	454,734	1,214
* aTyr Pharma Inc.	369,242	1,174
* ^ Achaogen Inc.	242,566	1,162
* ^ Adamis Pharmaceuticals Corp.	337,683	1,158
* CareDx Inc.	304,778	1,082
* ^ Proteon Therapeutics Inc.	112,124	1,046
* Aptevo Therapeutics Inc.	407,639	1,044
* KemPharm Inc.	231,934	1,041
* MEI Pharma Inc.	589,711	1,038
* Sunesis Pharmaceuticals Inc.	236,209	1,032
* Pain Therapeutics Inc.	1,028,668	1,029
* ^ Tracon Pharmaceuticals Inc.	145,185	981
* Catabasis Pharmaceuticals Inc.	157,292	969
* ^ Second Sight Medical Products Inc.	273,120	961
* Selecta Biosciences Inc.	64,400	918
* ^ Chiasma Inc.	308,565	907
* Alphatec Holdings Inc.	95,582	899
* Verastem Inc.	674,194	897
* AVEO Pharmaceuticals Inc.	973,846	867
Span-America Medical Systems Inc.	46,312	866
* InfuSystem Holdings Inc.	309,333	857
* Cumberland Pharmaceuticals Inc.	170,595	855
* BrainStorm Cell Therapeutics Inc.	345,909	827
* ADMA Biologics Inc.	113,243	821
* Aldeyra Therapeutics Inc.	102,570	805
* ^ Ampio Pharmaceuticals Inc.	1,061,384	786
* ^ Madrigal Pharmaceuticals Inc.	61,803	784
* ^ Orexigen Therapeutics Inc.	224,825	746
* Ocera Therapeutics Inc.	264,414	701
* Conatus Pharmaceuticals Inc.	349,478	699
* CAS Medical Systems Inc.	406,350	695
* Cymabay Therapeutics Inc.	357,962	694
* IsoRay Inc.	958,560	690
* ^ Vermillion Inc.	526,448	684
* ^ Fibrocell Science Inc.	943,611	679
* Palatin Technologies Inc.	1,022,682	643
* ^ OncoSec Medical Inc.	373,359	638
* ^ ContraVir Pharmaceuticals Inc.	595,741	637
AdCare Health Systems Inc.	298,748	627
* Calithera Biosciences Inc.	192,894	627
* Rexahn Pharmaceuticals Inc.	2,865,769	602
* ^ Neuralstem Inc.	1,864,648	597
* ^ Mast Therapeutics Inc.	4,897,605	539
* ^ Threshold Pharmaceuticals Inc.	781,347	529
* Cogentix Medical Inc.	289,122	526
Daxor Corp.	66,468	523
* ^ CEL-SCI Corp.	1,667,390	509
* ^ Reata Pharmaceuticals Inc. Class A	18,872	497
* ^ CytRx Corp.	837,449	493
* Imprimis Pharmaceuticals Inc.	127,579	486
* Retractable Technologies Inc.	177,584	463
* ^ Unilife Corp.	219,877	462

* ^ Marinus Pharmaceuticals Inc.	236,326	430
Diversicare Healthcare Services Inc.	42,483	418
* ^ Immune Pharmaceuticals Inc.	1,469,500	411
* ^ Northwest Biotherapeutics Inc.	745,768	407
* ^ iBio Inc.	695,887	390
* Oncobiologics Inc.	90,848	386
* Cerulean Pharma Inc.	370,392	378
* Wright Medical Group Inc. CVR Exp. 12/31/2049	288,011	374
* Vical Inc.	122,328	372
* Misonix Inc.	67,238	356
* ^ Galectin Therapeutics Inc.	301,736	341
* Tonix Pharmaceuticals Holding Corp.	477,730	333
* ^ Caladrius Biosciences Inc.	70,518	327
* MGC Diagnostics Corp.	46,649	322
* GTx Inc.	410,348	321
* Alliqua BioMedical Inc.	389,775	304
* Celsion Corp.	243,540	297
* Opexa Therapeutics Inc.	91,633	296
* TearLab Corp. Class A	440,054	286
* ^ Cytori Therapeutics Inc.	140,134	285
* ^ Cancer Genetics Inc.	161,588	283
* ^ Evoke Pharma Inc.	122,519	277
* Hemispherx Biopharma Inc.	218,836	274
* CASI Pharmaceuticals Inc.	234,502	260
* Biodel Inc.	601,066	260
* ^ Viking Therapeutics Inc.	180,700	257
* Dextera Surgical Inc.	131,488	249
* ^ Aethlon Medical Inc.	49,607	248
* Provectus Biopharmaceuticals Inc. Class A	2,489,017	247
* ^ Oculus Innovative Sciences Inc.	56,483	245
* Windtree Therapeutics Inc.	92,924	239
* Oncocyte Corp.	44,853	226
* ^ OncoGenex Pharmaceuticals Inc.	428,542	217
* Mirna Therapeutics Inc.	110,271	217
* Mateon Therapeutics Inc.	343,666	213
* Biostage Inc.	197,422	211
* ^ Apricus Biosciences Inc.	537,851	182
* Electromed Inc.	38,975	177
* ^ Joint Corp.	70,675	170
* ARCA biopharma Inc.	56,421	163
* Catalyst Biosciences Inc.	130,657	158
* HTG Molecular Diagnostics Inc.	62,008	144
* ^ Presbia plc	29,000	136
* ^ Sunshine Heart Inc.	238,112	136
* ImmuCell Corp.	17,533	136
* Biocept Inc.	73,438	117
* USMD Holdings Inc.	5,047	114
* Novan Inc.	5,479	111
* ^ Arcadia Biosciences Inc.	56,953	109
* Carbylan Therapeutics Inc.	223,070	103
* Acura Pharmaceuticals Inc.	61,759	99
* AmpliPhi Biosciences Corp.	62,900	94
* Ritter Pharmaceuticals Inc.	55,031	92
* ^ BioLife Solutions Inc.	45,286	83
* BioPharmX Corp.	144,070	80
* Capricor Therapeutics Inc.	22,871	76
* ^ Bellerophon Therapeutics Inc.	53,719	75

* ^ EyeGate Pharmaceuticals Inc.	37,937	66
* ^ Cleveland BioLabs Inc.	35,225	61
* RXi Pharmaceuticals Corp.	33,046	60
* ^ Amedica Corp.	63,179	59
* ^ Cyclacel Pharmaceuticals Inc.	9,608	58
* Arrhythmia Research Technology Inc.	12,440	52
* ImmunoCellular Therapeutics Ltd.	422,084	50
* ^ Zosano Pharma Corp.	64,011	49
* Aeglea BioTherapeutics Inc.	6,383	41
* Milestone Scientific Inc.	14,945	32
* ^ Pulmatrix Inc.	17,594	29
* Oragenics Inc.	61,557	28
* ^ ASTERIAS BIOTHERAPEUTICS INC WARRANTS EXP 9/30/16	52,036	27
* Cerecor Inc.	5,222	21
* ^ Jaguar Animal Health Inc.	15,901	20
* Atossa Genetics Inc.	7,755	16
* Histogenics Corp.	4,270	14
* Xtant Medical Holdings Inc.	11,500	13
* Pro-Dex Inc.	2,700	12
* Roka Bioscience Inc.	13,614	9
* Medovex Corp.	5,693	8
* OpGen Inc.	2,146	4
* Onconova Therapeutics Inc.	718	2

62,061,304

Industrials (12.7%)

General Electric Co.	183,863,099	5,446,025
3M Co.	12,395,991	2,184,546
Honeywell International Inc.	15,590,394	1,817,684
Union Pacific Corp.	17,100,315	1,667,794
United Technologies Corp.	16,334,858	1,659,622
Boeing Co.	12,175,398	1,603,987
United Parcel Service Inc. Class B	14,400,165	1,574,802
Accenture plc Class A	12,781,195	1,561,479
Lockheed Martin Corp.	5,126,024	1,228,810
Caterpillar Inc.	11,973,154	1,062,857
Danaher Corp.	12,755,870	999,933
* PayPal Holdings Inc.	23,552,766	964,957
* Johnson Controls International plc	19,146,183	890,872
FedEx Corp.	4,912,554	858,125
General Dynamics Corp.	5,329,623	826,944
Raytheon Co.	6,070,536	826,382
Northrop Grumman Corp.	3,670,939	785,397
Automatic Data Processing Inc.	8,897,876	784,793
Illinois Tool Works Inc.	6,530,368	782,599
Emerson Electric Co.	13,200,904	719,581
Eaton Corp. plc	9,367,766	615,556
CSX Corp.	19,520,652	595,380
Norfolk Southern Corp.	6,017,475	584,056
Waste Management Inc.	9,090,540	579,613
Deere & Co.	6,126,047	522,858
Fidelity National Information Services Inc.	6,713,770	517,162
TE Connectivity Ltd.	7,320,755	471,310
* LinkedIn Corp. Class A	2,464,759	471,065
* Fiserv Inc.	4,538,889	451,483

Cummins Inc.	3,483,093	446,358
Sherwin-Williams Co.	1,608,451	444,994
PACCAR Inc.	7,179,042	421,984

Amphenol Corp. Class A	6,306,061	409,389
Paychex Inc.	6,657,225	385,254
Roper Technologies Inc.	2,076,586	378,915
Ingersoll-Rand plc	5,275,263	358,401
Parker-Hannifin Corp.	2,748,187	344,980
Rockwell Automation Inc.	2,673,036	327,019
Fortive Corp.	6,377,869	324,634
Agilent Technologies Inc.	6,678,646	314,497
* FleetCor Technologies Inc.	1,796,353	312,080
Vulcan Materials Co.	2,725,954	310,023
* TransDigm Group Inc.	1,041,256	301,048
Ball Corp.	3,586,521	293,915
Waste Connections Inc.	3,588,449	268,057
* Verisk Analytics Inc. Class A	3,179,806	258,455
WestRock Co.	5,166,743	250,484
Republic Services Inc. Class A	4,937,533	249,099
Fastenal Co.	5,896,240	246,345
* Alliance Data Systems Corp.	1,145,833	245,816
Global Payments Inc.	3,142,623	241,228
WW Grainger Inc.	1,065,635	239,597
Acuity Brands Inc.	898,312	237,693
Masco Corp.	6,807,341	233,560
Dover Corp.	3,167,836	233,279
Martin Marietta Materials Inc.	1,300,667	232,962
AMETEK Inc.	4,852,851	231,869
* Mettler-Toledo International Inc.	544,347	228,533
Rockwell Collins Inc.	2,672,134	225,368
Pentair plc	3,396,592	218,197
L-3 Communications Holdings Inc.	1,424,711	214,747
CH Robinson Worldwide Inc.	2,927,096	206,243
Kansas City Southern	2,208,098	206,060
Textron Inc.	4,957,977	197,080
Cintas Corp.	1,723,519	194,068
Expeditors International of Washington Inc.	3,724,412	191,882
Xylem Inc.	3,627,495	190,262
Sealed Air Corp.	4,029,697	184,641
Fortune Brands Home & Security Inc.	3,157,603	183,457
Xerox Corp.	17,892,429	181,250
* Vantiv Inc. Class A	3,200,356	180,084
* Crown Holdings Inc.	2,926,613	167,080
Broadridge Financial Solutions Inc.	2,401,740	162,814
Valspar Corp.	1,505,148	159,651
Total System Services Inc.	3,382,957	159,506
Packaging Corp. of America	1,946,463	158,170
Fluor Corp.	2,909,124	149,296
AO Smith Corp.	1,510,485	149,221
JB Hunt Transport Services Inc.	1,838,344	149,163
Huntington Ingalls Industries Inc.	962,360	147,645
* Trimble Navigation Ltd.	5,130,242	146,520
IDEX Corp.	1,542,133	144,297
* CoStar Group Inc.	665,780	144,161
Wabtec Corp.	1,751,089	142,976
* United Rentals Inc.	1,779,578	139,679
* Stericycle Inc.	1,742,664	139,657
* Sensata Technologies Holding NV	3,586,698	139,092
Jack Henry & Associates Inc.	1,608,602	137,616
Carlisle Cos. Inc.	1,319,098	135,300

Allegion plc	1,954,457	134,682
Lennox International Inc.	846,123	132,867
* Jacobs Engineering Group Inc.	2,547,031	131,732
* HD Supply Holdings Inc.	4,090,919	130,828
Flowserve Corp.	2,669,958	128,799
Owens Corning	2,350,311	125,483
PerkinElmer Inc.	2,234,128	125,357
Macquarie Infrastructure Corp.	1,498,836	124,763
Hubbell Inc. Class B	1,132,231	121,987
* Arrow Electronics Inc.	1,872,256	119,768
* Spirit AeroSystems Holdings Inc. Class A	2,664,173	118,662
* Keysight Technologies Inc.	3,540,899	112,211
* Berry Plastics Group Inc.	2,500,172	109,633
Avnet Inc.	2,633,666	108,138
Sonoco Products Co.	2,035,361	107,528
Nordson Corp.	1,047,536	104,366
B/E Aerospace Inc.	2,015,196	104,105
ManpowerGroup Inc.	1,427,831	103,175
MDU Resources Group Inc.	4,045,544	102,919
Donaldson Co. Inc.	2,716,329	101,401
AptarGroup Inc.	1,290,746	99,917
Toro Co.	2,131,188	99,825
Bemis Co. Inc.	1,940,633	98,992
* Old Dominion Freight Line Inc.	1,426,315	97,859
Robert Half International Inc.	2,560,476	96,940
* AECOM	3,231,083	96,060
* First Data Corp. Class A	6,996,648	92,076
Graphic Packaging Holding Co.	6,566,000	91,858
Orbital ATK Inc.	1,200,056	91,480
FLIR Systems Inc.	2,819,847	88,600
Allison Transmission Holdings Inc.	3,052,153	87,536
Cognex Corp.	1,654,806	87,473
Hexcel Corp.	1,911,979	84,701
* WEX Inc.	783,059	84,641
Oshkosh Corp.	1,507,347	84,411
* Quanta Services Inc.	3,013,578	84,350
Graco Inc.	1,139,345	84,312
* Euronet Worldwide Inc.	1,007,001	82,403
Booz Allen Hamilton Holding Corp. Class A	2,574,171	81,370
* Genesee & Wyoming Inc. Class A	1,165,483	80,360
Lincoln Electric Holdings Inc.	1,271,633	79,630
Trinity Industries Inc.	3,133,942	75,779
EMCOR Group Inc.	1,263,984	75,359
MAXIMUS Inc.	1,320,829	74,706
*,^ XPO Logistics Inc.	2,033,412	74,565
Curtiss-Wright Corp.	811,592	73,944
Watsco Inc.	522,306	73,593
Eagle Materials Inc.	944,111	72,980
Ryder System Inc.	1,095,940	72,277
Jabil Circuit Inc.	3,311,688	72,261

BWX Technologies Inc.	1,879,295	72,109
^ MSC Industrial Direct Co. Inc. Class A	977,931	71,790
* Zebra Technologies Corp.	1,026,976	71,488
AGCO Corp.	1,445,104	71,273
* CoreLogic Inc.	1,805,953	70,829
* Genpact Ltd.	2,916,470	69,849
Woodward Inc.	1,112,346	69,499

* Teledyne Technologies Inc.	642,323	69,326
Deluxe Corp.	1,016,796	67,942
World Fuel Services Corp.	1,458,494	67,470
nelley & Sons Co.	4,284,493	67,352
National Instruments Corp.	2,370,843	67,332
ITT Inc.	1,865,994	66,877
* Kirby Corp.	1,059,598	65,865
CLARCOR Inc.	991,506	64,448
* TransUnion	1,867,043	64,413
Crane Co.	1,020,218	64,284
* Owens-Illinois Inc.	3,437,421	63,214
Chicago Bridge & Iron Co. NV	2,174,194	60,943
Valmont Industries Inc.	447,004	60,153
Air Lease Corp. Class A	2,081,527	59,490
Belden Inc.	858,716	59,243
Littelfuse Inc.	458,357	59,041
* USG Corp.	2,264,402	58,535
Landstar System Inc.	855,294	58,228
* IPG Photonics Corp.	703,618	57,943
* Colfax Corp.	1,830,312	57,527
EnerSys	821,150	56,815
Regal Beloit Corp.	940,731	55,964
HEICO Corp. Class A	923,502	55,881
Joy Global Inc.	2,000,858	55,504
* Louisiana-Pacific Corp.	2,918,814	54,961
* Coherent Inc.	493,069	54,504
Terex Corp.	2,121,680	53,912
Convergys Corp.	1,750,153	53,240
* WESCO International Inc.	849,539	52,238
Timken Co.	1,466,042	51,517
* Clean Harbors Inc.	1,064,866	51,092
* Generac Holdings Inc.	1,354,883	49,182
* Universal Display Corp.	866,372	48,092
*,^ Cimpres NV	475,128	48,073
*,^ Ambarella Inc.	642,795	47,316
Kennametal Inc.	1,620,112	47,016
KBR Inc.	3,044,433	46,062
* Esterline Technologies Corp.	594,186	45,182
* WageWorks Inc.	736,516	44,861
Silgan Holdings Inc.	867,893	43,907
* Sanmina Corp.	1,530,507	43,574
ABM Industries Inc.	1,094,668	43,458
Barnes Group Inc.	1,060,676	43,010
* Itron Inc.	762,613	42,523
* Rexnord Corp.	1,949,028	41,729
Tetra Tech Inc.	1,162,109	41,220
* Cardtronics plc Class A	916,469	40,875
John Bean Technologies Corp.	578,728	40,829
Universal Forest Products Inc.	411,064	40,486
* Moog Inc. Class A	677,305	40,327
* Masonite International Corp.	647,255	40,240
Granite Construction Inc.	806,731	40,127
* MasTec Inc.	1,338,976	39,821

UniFirst Corp.	295,498	38,964
Mueller Water Products Inc. Class A	3,080,074	38,655
G&K Services Inc. Class A	404,671	38,642
* FTI Consulting Inc.	863,272	38,467

Vishay Intertechnology Inc.	2,723,486	38,374
Mueller Industries Inc.	1,179,946	38,254
GATX Corp.	855,514	38,113
* Advisory Board Co.	845,766	37,840
* KLX Inc.	1,071,969	37,733
Covanta Holding Corp.	2,447,277	37,664
MSA Safety Inc.	637,223	36,984
* Anixter International Inc.	570,202	36,778
* On Assignment Inc.	1,005,465	36,488
Watts Water Technologies Inc. Class A	562,341	36,462
Simpson Manufacturing Co. Inc.	829,091	36,439
Knight Transportation Inc.	1,270,016	36,437
CEB Inc.	664,848	36,214
AZZ Inc.	549,161	35,844
Matson Inc.	891,991	35,573
* RBC Bearings Inc.	461,487	35,295
Brink's Co.	951,499	35,282
* DigitalGlobe Inc.	1,280,044	35,201
* Trex Co. Inc.	598,556	35,147
* Armstrong World Industries Inc.	849,254	35,091
* Swift Transportation Co.	1,631,933	35,038
Applied Industrial Technologies Inc.	746,505	34,892
Brady Corp. Class A	956,803	33,115
* Imperva Inc.	604,694	32,478
Franklin Electric Co. Inc.	793,695	32,311
* ExlService Holdings Inc.	644,396	32,117
Greif Inc. Class A	639,210	31,698
* Fabrinet	709,122	31,620
* AMN Healthcare Services Inc.	982,459	31,311
* Plexus Corp.	668,477	31,271
Otter Tail Corp.	899,472	31,113
*,^ Smith & Wesson Holding Corp.	1,153,443	30,670
* TASER International Inc.	1,071,666	30,660
* NeuStar Inc. Class A	1,107,678	29,453
* Proto Labs Inc.	484,577	29,031
* LifeLock Inc.	1,704,860	28,846
* Summit Materials Inc. Class A	1,545,377	28,667
Triumph Group Inc.	1,017,345	28,364
* MACOM Technology Solutions Holdings Inc.	661,598	28,012
* Hub Group Inc. Class A	675,325	27,526
Mobile Mini Inc.	903,473	27,285
Forward Air Corp.	619,227	26,788
Apogee Enterprises Inc.	596,159	26,642
Actuant Corp. Class A	1,142,998	26,563
* Huron Consulting Group Inc.	440,167	26,304
* II-VI Inc.	1,070,365	26,042
* TopBuild Corp.	782,540	25,980
Methode Electronics Inc.	733,476	25,650
Exponent Inc.	500,161	25,538
*,^ Knowles Corp.	1,806,110	25,376
* Benchmark Electronics Inc.	1,010,621	25,215
* SPX FLOW Inc.	812,532	25,123
Insperty Inc.	344,776	25,045
EnPro Industries Inc.	440,661	25,038

Astec Industries Inc.	416,293	24,923
Albany International Corp.	583,002	24,708
* Gibraltar Industries Inc.	662,716	24,620

* OSI Systems Inc.	372,551	24,357
* Headwaters Inc.	1,437,402	24,321
Kaman Corp.	548,294	24,081
Standex International Corp.	255,640	23,741
* Aerojet Rocketdyne Holdings Inc.	1,344,611	23,638
*,^ Navistar International Corp.	1,031,629	23,614
Aircastle Ltd.	1,185,928	23,553
AAON Inc.	810,561	23,360
Tennant Co.	357,852	23,189
Cubic Corp.	490,601	22,965
* American Woodmark Corp.	283,954	22,878
ESCO Technologies Inc.	487,387	22,625
Sturm Ruger & Co. Inc.	390,691	22,566
* Rogers Corp.	367,069	22,421
Comfort Systems USA Inc.	763,932	22,391
Korn/Ferry International	1,058,857	22,236
* Atlas Air Worldwide Holdings Inc.	511,626	21,908
EVERTEC Inc.	1,300,762	21,827
* Sykes Enterprises Inc.	759,455	21,363
* BMC Stock Holdings Inc.	1,188,738	21,076
* Paylocity Holding Corp.	473,911	21,070
AAR Corp.	668,493	20,937
* Meritor Inc.	1,856,284	20,660
Werner Enterprises Inc.	885,220	20,599
*,^ Inovalon Holdings Inc. Class A	1,381,778	20,326
* Boise Cascade Co.	799,984	20,320
CIRCOR International Inc.	336,998	20,072
* Navigant Consulting Inc.	986,957	19,956
US Ecology Inc.	441,292	19,788
Multi-Color Corp.	299,062	19,738
* Builders FirstSource Inc.	1,712,213	19,708
* TrueBlue Inc.	868,084	19,671
Greenbrier Cos. Inc.	545,064	19,241
* TriNet Group Inc.	872,121	18,864
* Wabash National Corp.	1,317,761	18,765
* Team Inc.	572,160	18,715
Badger Meter Inc.	558,144	18,703
ManTech International Corp. Class A	495,925	18,691
Heartland Express Inc.	978,885	18,481
* Press Ganey Holdings Inc.	454,278	18,353
Primoris Services Corp.	859,708	17,710
* Rofin-Sinar Technologies Inc.	549,313	17,677
* Tutor Perini Corp.	819,736	17,600
Advanced Drainage Systems Inc.	727,299	17,499
* Astronics Corp.	386,360	17,406
* PHH Corp.	1,198,688	17,321
* Continental Building Products Inc.	824,130	17,298
* Babcock & Wilcox Enterprises Inc.	1,047,452	17,283
* Patrick Industries Inc.	278,978	17,274
Raven Industries Inc.	736,308	16,957
* TriMas Corp.	910,437	16,943
* Lydall Inc.	323,341	16,532
Federal Signal Corp.	1,236,945	16,402
* TTM Technologies Inc.	1,428,177	16,353
* ICF International Inc.	368,645	16,338

Harsco Corp.	1,642,003	16,305
* Veeco Instruments Inc.	830,041	16,294

Essendant Inc.	781,873	16,044
MTS Systems Corp.	342,864	15,782
^ Lindsay Corp.	212,181	15,697
Argan Inc.	265,061	15,689
Quad/Graphics Inc.	581,051	15,526
* Saia Inc.	509,763	15,273
* SPX Corp.	750,829	15,122
Sun Hydraulics Corp.	465,744	15,030
* Installed Building Products Inc.	415,585	14,907
McGrath RentCorp	466,620	14,797
* Wesco Aircraft Holdings Inc.	1,100,569	14,781
* Air Transport Services Group Inc.	1,027,058	14,738
Encore Wire Corp.	399,382	14,685
Viad Corp.	397,531	14,657
General Cable Corp.	958,877	14,364
Altra Industrial Motion Corp.	490,282	14,203
* Overseas Shipholding Group Inc. Class A	1,317,941	13,931
Douglas Dynamics Inc.	433,113	13,834
* Integer Holdings Corp.	636,562	13,807
* US Concrete Inc.	294,786	13,579
Materion Corp.	435,872	13,386
* Aegion Corp. Class A	701,691	13,381
AVX Corp.	955,815	13,181
Insteel Industries Inc.	358,925	13,007
Griffon Corp.	760,701	12,940
* Echo Global Logistics Inc.	560,945	12,935
* Thermon Group Holdings Inc.	652,694	12,891
HEICO Corp.	185,881	12,863
Global Brass & Copper Holdings Inc.	443,424	12,811
* NCI Building Systems Inc.	867,147	12,652
Triton International Ltd.	949,212	12,520
* Evolent Health Inc. Class A	505,770	12,452
* FARO Technologies Inc.	341,770	12,287
Alamo Group Inc.	185,876	12,247
Quanex Building Products Corp.	697,345	12,036
* MYR Group Inc.	398,675	12,000
CTS Corp.	641,598	11,934
Manitowoc Co. Inc.	2,447,073	11,721
* Engility Holdings Inc.	371,208	11,693
Kelly Services Inc. Class A	607,239	11,671
*,^ Energy Recovery Inc.	716,294	11,446
Kadant Inc.	212,660	11,082
Schnitzer Steel Industries Inc.	527,076	11,016
* RPX Corp.	1,025,946	10,967
Cass Information Systems Inc.	191,578	10,853
H&E Equipment Services Inc.	644,506	10,802
* CBIZ Inc.	962,637	10,772
Resources Connection Inc.	718,120	10,729
* Aerovironment Inc.	437,288	10,674
TeleTech Holdings Inc.	366,554	10,626
* Novanta Inc.	602,635	10,456
Kforce Inc.	509,229	10,434

* PGT Inc.	939,214	10,021
Marten Transport Ltd.	460,366	9,668
* Cotiviti Holdings Inc.	288,100	9,660
NN Inc.	515,658	9,411
* Multi Packaging Solutions International Ltd.	644,861	9,292

ArcBest Corp.	485,392	9,232
* Armstrong Flooring Inc.	482,594	9,111
Hyster-Yale Materials Handling Inc.	148,027	8,901
Gorman-Rupp Co.	344,663	8,827
* Bazaarvoice Inc.	1,470,985	8,694
Landauer Inc.	193,017	8,585
* InnerWorkings Inc.	909,350	8,566
Ennis Inc.	507,682	8,554
AEP Industries Inc.	77,064	8,429
* Mistras Group Inc.	348,887	8,188
* YRC Worldwide Inc.	647,053	7,972
* DXP Enterprises Inc.	282,162	7,954
* Kimball Electronics Inc.	557,228	7,723
* TimkenSteel Corp.	721,122	7,536
* Cross Country Healthcare Inc.	637,172	7,506
* DHI Group Inc.	950,979	7,503
Spartan Motors Inc.	780,296	7,475
* Horizon Global Corp.	374,455	7,463
American Railcar Industries Inc.	171,048	7,093
* Casella Waste Systems Inc. Class A	678,804	6,992
Mesa Laboratories Inc.	60,855	6,959
Myers Industries Inc.	534,363	6,941
Daktronics Inc.	724,841	6,915
Barrett Business Services Inc.	138,877	6,890
Heidrick & Struggles International Inc.	369,985	6,863
Powell Industries Inc.	169,650	6,794
* Landec Corp.	495,923	6,650
Acacia Research Corp.	998,776	6,512
Park-Ohio Holdings Corp.	176,968	6,450
Columbus McKinnon Corp.	358,393	6,394
*,^ Kratos Defense & Security Solutions Inc.	927,318	6,389
* GP Strategies Corp.	258,397	6,362
*,^ Energous Corp.	322,639	6,327
CECO Environmental Corp.	553,298	6,241
Park Electrochemical Corp.	356,939	6,200
NVE Corp.	101,861	6,004
* Atkore International Group Inc.	316,900	5,939
* Ply Gem Holdings Inc.	422,780	5,648
* Milacron Holdings Corp.	353,553	5,643
*,^ MINDBODY Inc. Class A	285,966	5,622
Supreme Industries Inc. Class A	281,609	5,435
* ServiceSource International Inc.	1,090,227	5,320
* NV5 Global Inc.	163,125	5,271
LSI Industries Inc.	464,130	5,212
* Lionbridge Technologies Inc.	1,024,940	5,125
* Control4 Corp.	413,789	5,081
* Roadrunner Transportation Systems Inc.	626,832	5,002
Miller Industries Inc.	218,472	4,979
VSE Corp.	145,384	4,942
NACCO Industries Inc. Class A	71,825	4,881
* Ducommun Inc.	213,256	4,871
* Sparton Corp.	180,938	4,751
Celadon Group Inc.	541,010	4,728
* Covenant Transportation Group Inc. Class A	237,337	4,588

* CRA International Inc.	170,577	4,536
* GMS Inc.	201,400	4,477
Black Box Corp.	301,494	4,191

Bel Fuse Inc. Class B	169,743	4,098
* Commercial Vehicle Group Inc.	686,726	3,969
National Research Corp. Class A	237,789	3,874
* Hudson Technologies Inc.	566,128	3,765
Textainer Group Holdings Ltd.	500,741	3,751
FreightCar America Inc.	259,913	3,738
* Great Lakes Dredge & Dock Corp.	1,059,685	3,709
* Intevac Inc.	628,616	3,709
*,^ Advanced Emissions Solutions Inc.	492,672	3,705
* Franklin Covey Co.	206,426	3,676
* CyberOptics Corp.	148,860	3,659
* Layne Christensen Co.	412,151	3,507
* PRGX Global Inc.	740,513	3,488
Crawford & Co. Class B	305,511	3,468
Graham Corp.	177,011	3,381
* Orion Group Holdings Inc.	491,153	3,364
* Heritage-Crystal Clean Inc.	249,496	3,313
Hardinge Inc.	290,300	3,231
* Vicor Corp.	276,659	3,209
BG Staffing Inc.	206,383	3,195
* UFP Technologies Inc.	120,128	3,183
*,^ Workhorse Group Inc.	439,417	3,181
*,^ CUI Global Inc.	532,531	3,105
Eastern Co.	154,810	3,101
* Maxwell Technologies Inc.	600,604	3,099
* Vishay Precision Group Inc.	192,170	3,080
* Everi Holdings Inc.	1,245,000	3,075
Dynamic Materials Corp.	288,236	3,073
* Sterling Construction Co. Inc.	396,634	3,070
* Kemet Corp.	856,350	3,057
Houston Wire & Cable Co.	493,772	3,056
National Research Corp. Class B	87,271	3,011
* Era Group Inc.	370,180	2,980
* CAI International Inc.	357,703	2,958
* Hill International Inc.	636,556	2,935
* Willis Lease Finance Corp.	122,489	2,912
Hurco Cos. Inc.	103,360	2,901
* Monster Worldwide Inc.	781,029	2,820
* Aspen Aerogels Inc.	471,500	2,810
*,^ ExOne Co.	184,116	2,802
* Electro Scientific Industries Inc.	494,920	2,791
* Willdan Group Inc.	157,233	2,759
* EnerNOC Inc.	507,008	2,743
LB Foster Co. Class A	225,690	2,711
Twin Disc Inc.	221,521	2,654
* Planet Payment Inc.	714,346	2,650
* ARC Document Solutions Inc.	707,271	2,645
* IES Holdings Inc.	143,380	2,551
* TRC Cos. Inc.	291,232	2,525
* Northwest Pipe Co.	202,899	2,396
*,^ Blue Bird Corp.	161,939	2,366
Allied Motion Technologies Inc.	124,824	2,360
* PFSweb Inc.	263,259	2,351
* Accuride Corp.	916,972	2,347
Richardson Electronics Ltd.	333,207	2,259
B. Riley Financial Inc.	168,183	2,247
* Mattersight Corp.	532,688	2,237

* Neff Corp. Class A	229,948	2,185
Universal Logistics Holdings Inc.	155,946	2,093
* Astronics Corp. Class B	46,196	2,088
United States Lime & Minerals Inc.	31,038	2,049
*,^ Aqua Metals Inc.	229,541	2,034
CDI Corp.	358,040	2,030
*,^ Patriot National Inc.	222,224	2,002
Crawford & Co. Class A	217,594	1,947
* Gencor Industries Inc.	160,711	1,925
* Napco Security Technologies Inc.	267,013	1,923
* Information Services Group Inc.	443,333	1,769
* Iteris Inc.	480,578	1,749
Omega Flex Inc.	44,786	1,727
*,^ ModusLink Global Solutions Inc.	1,034,639	1,697
*,^ Energy Focus Inc.	344,879	1,686
* USA Truck Inc.	164,045	1,680
* Manitex International Inc.	304,306	1,677
* Lawson Products Inc.	94,237	1,671
* Arotech Corp.	544,070	1,605
* Nuvectra Corp.	230,706	1,596
* American Superconductor Corp.	224,126	1,571
* Sharps Compliance Corp.	358,366	1,552
* Perceptron Inc.	229,932	1,545
* Xerium Technologies Inc.	192,937	1,534
* Ameresco Inc. Class A	289,783	1,524
* Volt Information Sciences Inc.	237,249	1,507
*,^ Synthesis Energy Systems Inc.	1,208,900	1,463
* LMI Aerospace Inc.	196,405	1,394
*,^ MicroVision Inc.	968,299	1,336
* Goldfield Corp.	484,946	1,309
*,^ Applied DNA Sciences Inc.	417,887	1,283
* PAM Transportation Services Inc.	62,093	1,243
* Ballantyne Strong Inc.	173,211	1,212
* Broadwind Energy Inc.	269,382	1,185
* StarTek Inc.	181,975	1,136
*,^ Power Solutions International Inc.	108,039	1,107
* ALJ Regional Holdings Inc.	229,072	1,077
*,^ ClearSign Combustion Corp.	178,108	1,069
* Perma-Fix Environmental Services	211,396	1,065
* MFRI Inc.	130,963	998
* General Finance Corp.	220,958	994
*,^ Research Frontiers Inc.	376,897	976
* Frequency Electronics Inc.	92,589	973
* Radiant Logistics Inc.	329,453	936
*,^ Revolution Lighting Technologies Inc.	148,014	934
* Key Technology Inc.	84,925	918
* IEC Electronics Corp.	191,058	911
* Cenveo Inc.	128,845	908
* Patriot Transportation Holding Inc.	39,973	849
* CPI Aerostructures Inc.	120,875	838
* eMagin Corp.	316,500	820
Hudson Global Inc.	519,220	800
* Innovative Solutions & Support Inc.	238,921	760
Universal Technical Institute Inc.	422,652	752
* Lincoln Educational Services Corp.	340,412	749
* Ultralife Corp.	177,712	729
*,^ Digital Ally Inc.	110,620	657

* Taylor Devices Inc.	31,799	628
* Orion Energy Systems Inc.	454,541	605
*,^ Capstone Turbine Corp.	422,122	578
*,^ Vertex Energy Inc.	480,681	553
BlueLinX Holdings Inc.	56,493	507
* Asure Software Inc.	66,519	426
AMCON Distributing Co.	4,565	415
EnviroStar Inc.	47,800	390
* Air T Inc.	19,270	388
*,^ Astrotech Corp.	220,560	364
* UQM Technologies Inc.	588,390	362
* ENGGlobal Corp.	238,948	361
GEE Group Inc.	67,770	354
*,^ Turtle Beach Corp.	269,413	353
* Marathon Patent Group Inc.	125,481	353
* LightPath Technologies Inc. Class A	193,728	353
* Image Sensing Systems Inc.	88,673	343
* Wireless Telecom Group Inc.	205,351	337
* Fuel Tech Inc.	239,559	335
* AMREP Corp.	41,186	329
Chicago Rivet & Machine Co.	11,186	321
*,^ Odyssey Marine Exploration Inc.	90,673	316
* SIFCO Industries Inc.	29,538	300
*,^ A. M. Castle & Co.	359,325	287
* Rand Logistics Inc.	376,302	282
* Rubicon Technology Inc.	432,549	273
* Echelon Corp.	48,563	260
* Versar Inc.	164,937	257
*,^ Cemtrex Inc.	62,566	248
* Continental Materials Corp.	8,941	227
* DLH Holdings Corp.	50,584	222
* Onvia Inc.	44,738	219
Bel Fuse Inc. Class A	10,580	213
Ecology and Environment Inc.	21,480	212
RF Industries Ltd.	117,256	209
* Sevcon Inc.	21,782	193
* Luna Innovations Inc.	130,230	184
* American Electric Technologies Inc.	73,150	166
* SigmaTron International Inc.	30,411	165
* Pioneer Power Solutions Inc.	27,339	163
* EnSync Inc.	157,894	148
* Sypris Solutions Inc.	114,894	118
*,^ CryoPort Inc.	43,013	85
* American DG Energy Inc.	303,950	80
* Industrial Services of America Inc.	49,067	77
* Quest Resource Holding Corp.	37,693	76
* Nortech Systems Inc.	17,942	65
* IntriCon Corp.	11,274	63
*,^ Giga-tronics Inc.	61,800	56
Servotronics Inc.	4,914	55
*,^ Payment Data Systems Inc.	19,416	48
* AeroCentury Corp.	3,772	35
* Command Security Corp.	13,027	35
* Micronet Enertec Technologies Inc.	19,850	34
* Active Power Inc.	102,962	29
* SMTC Corp.	17,227	24
* Art's-Way Manufacturing Co. Inc.	7,669	22

* Tel-Instrument Electronics Corp.	4,297	16
^ Eagle Bulk Shipping Inc.	1,867	13
Greif Inc. Class B	197	12
* RR Donnelley & Sons Co. (NYSE)	610	10
* Cartesian Inc.	11,086	7
* Electro-Sensors Inc.	1,300	4
* Jewett-Cameron Trading Co. Ltd.	200	2
* CTPartners Executive Search Inc.	100,659	—
* LGL Group Inc. Warrants expire 6/8/2018	3,000	—

59,715,842

Oil & Gas (6.7%)

Exxon Mobil Corp.	85,244,928	7,440,177
Chevron Corp.	38,812,502	3,994,583
Schlumberger Ltd.	28,696,146	2,256,665
Occidental Petroleum Corp.	15,661,366	1,142,027
ConocoPhillips	25,501,462	1,108,549
EOG Resources Inc.	11,294,399	1,092,281
Kinder Morgan Inc.	38,977,427	901,548
Halliburton Co.	16,832,087	755,424
Phillips 66	9,144,581	736,596
Anadarko Petroleum Corp.	11,354,991	719,452
Pioneer Natural Resources Co.	3,477,704	645,636
Spectra Energy Corp.	14,378,082	614,663
Valero Energy Corp.	9,478,602	502,366
Apache Corp.	7,781,648	497,014
Williams Cos. Inc.	15,410,911	473,577
Devon Energy Corp.	10,211,187	450,415
Baker Hughes Inc.	8,830,909	445,696
Marathon Petroleum Corp.	10,847,551	440,302
* Concho Resources Inc.	2,886,014	396,394
Noble Energy Inc.	8,816,336	315,096
Hess Corp.	5,853,971	313,890
National Oilwell Varco Inc.	7,904,802	290,422
Marathon Oil Corp.	17,402,287	275,130
Cimarex Energy Co.	1,945,794	261,456
EQT Corp.	3,538,216	256,945
Cabot Oil & Gas Corp.	9,539,014	246,107
Tesoro Corp.	2,455,942	195,395
* Cheniere Energy Inc.	4,230,249	184,439
* Newfield Exploration Co.	4,067,994	176,795
Range Resources Corp.	4,312,234	167,099
Targa Resources Corp.	3,257,684	159,985
* Diamondback Energy Inc.	1,607,262	155,165
^ Helmerich & Payne Inc.	2,132,304	143,504
* FMC Technologies Inc.	4,734,145	140,462
* Southwestern Energy Co.	10,140,901	140,350
OGE Energy Corp.	4,064,974	128,535
Energen Corp.	1,989,761	114,849
* Antero Resources Corp.	4,092,034	110,280
* Parsley Energy Inc. Class A	3,283,054	110,015
Core Laboratories NV	931,236	104,606

* Weatherford International plc	18,443,638	103,653
Murphy Oil Corp.	3,372,964	102,538
* Continental Resources Inc.	1,932,299	100,402
QEP Resources Inc.	4,989,601	97,447
* WPX Energy Inc.	7,103,658	93,697
*,^ Chesapeake Energy Corp.	14,366,193	90,076

HollyFrontier Corp.	3,628,175	88,890
* Rice Energy Inc.	3,224,232	84,185
*,^ Transocean Ltd.	7,674,092	81,806
* PDC Energy Inc.	1,125,148	75,452
* Gulfport Energy Corp.	2,570,004	72,603
Nabors Industries Ltd.	5,560,114	67,611
SM Energy Co.	1,738,053	67,054
Patterson-UTI Energy Inc.	2,897,638	64,820
*,^ First Solar Inc.	1,572,214	62,087
Superior Energy Services Inc.	3,162,501	56,609
Oceaneering International Inc.	2,053,757	56,499
* RSP Permian Inc.	1,345,811	52,191
* Callon Petroleum Co.	3,209,150	50,384
* Whiting Petroleum Corp.	5,740,696	50,174
* Carrizo Oil & Gas Inc.	1,152,295	46,806
* Dril-Quip Inc.	824,576	45,962
PBF Energy Inc. Class A	2,014,652	45,612
Western Refining Inc.	1,691,064	44,746
* NOW Inc.	2,083,594	44,651
* Matador Resources Co.	1,810,875	44,077
Rowan Cos. plc Class A	2,821,395	42,772
* Oasis Petroleum Inc.	3,543,827	40,648
* Laredo Petroleum Inc.	2,976,904	38,402
SemGroup Corp. Class A	1,082,223	38,267
Ensco plc Class A	4,319,345	36,714
* Oil States International Inc.	1,157,042	36,528
* MRC Global Inc.	1,910,627	31,392
Pattern Energy Group Inc. Class A	1,392,070	31,308
* Synergy Resources Corp.	3,932,601	27,253
*,^ Denbury Resources Inc.	8,384,155	27,081
* McDermott International Inc.	5,241,636	26,261
* Forum Energy Technologies Inc.	1,249,734	24,820
Diamond Offshore Drilling Inc.	1,328,515	23,395
Delek US Holdings Inc.	1,205,312	20,840
Green Plains Inc.	792,679	20,768
* Chart Industries Inc.	620,747	20,379
* SEACOR Holdings Inc.	341,351	20,307
* Unit Corp.	1,074,715	19,990
*,^ RPC Inc.	1,149,339	19,309
Archrock Inc.	1,371,957	17,945
Noble Corp. plc	2,775,631	17,598
* Helix Energy Solutions Group Inc.	2,144,988	17,439
*,^ Flotek Industries Inc.	1,105,378	16,072
^ Atwood Oceanics Inc.	1,489,565	12,944
* Newpark Resources Inc.	1,661,725	12,230
* TETRA Technologies Inc.	1,846,060	11,279
* Exterran Corp.	700,495	10,984
* Matrix Service Co.	572,524	10,741
* REX American Resources Corp.	123,591	10,476
*,^ Sanchez Energy Corp.	1,159,948	10,254
*,^ SunPower Corp. Class A	1,146,071	10,223
*,^ Clayton Williams Energy Inc.	102,006	8,715
* Par Pacific Holdings Inc.	649,481	8,495
* Ring Energy Inc.	753,369	8,249
Bristow Group Inc.	572,308	8,024
* Natural Gas Services Group Inc.	316,926	7,793
Tesco Corp.	931,263	7,599

* ^ Resolute Energy Corp.	280,693	7,315
* Cobalt International Energy Inc.	5,489,084	6,806
^ California Resources Corp.	529,683	6,621
* ^ Plug Power Inc.	3,681,997	6,296
* ^ Renewable Energy Group Inc.	708,717	6,003
* Pioneer Energy Services Corp.	1,439,332	5,815
Panhandle Oil and Gas Inc. Class A	315,763	5,535
* ^ Eclipse Resources Corp.	1,650,977	5,432
Alon USA Energy Inc.	660,664	5,325
^ CVR Energy Inc.	384,974	5,301
* Parker Drilling Co.	2,389,390	5,185
* Geospace Technologies Corp.	253,389	4,936
* Contango Oil & Gas Co.	460,918	4,711
Gulf Island Fabrication Inc.	487,463	4,485
* Abraxas Petroleum Corp.	2,584,064	4,367
* ^ Jones Energy Inc. Class A	1,157,380	4,120
* ^ TerraVia Holdings Inc.	1,467,691	4,036
* PHI Inc. (Non-Voting Shares)	221,189	4,019
* Pacific Ethanol Inc.	573,404	3,962
* ^ Green Brick Partners Inc.	468,416	3,869
* ^ EP Energy Corp. Class A	811,855	3,556
* TPI Composites Inc.	163,200	3,470
* Trecora Resources	279,719	3,194
* Dawson Geophysical Co.	417,869	3,188
* ^ EXCO Resources Inc.	2,884,497	3,086
* Independence Contract Drilling Inc.	555,344	2,916
* ^ Northern Oil and Gas Inc.	1,026,649	2,751
Evolution Petroleum Corp.	420,057	2,638
^ CARBO Ceramics Inc.	232,698	2,546
* Bill Barrett Corp.	427,673	2,378
* ^ FuelCell Energy Inc.	387,502	2,100
* Willbros Group Inc.	1,010,966	1,901
* Gastar Exploration Inc.	2,137,927	1,806
* ^ Hornbeck Offshore Services Inc.	322,253	1,772
* ^ Approach Resources Inc.	519,142	1,755
^ Tidewater Inc.	513,388	1,448
Adams Resources & Energy Inc.	32,960	1,296
* ION Geophysical Corp.	180,367	1,236
* ^ Zion Oil & Gas Inc.	870,662	1,219
* VAALCO Energy Inc.	1,258,973	1,170
* ^ Enphase Energy Inc.	898,819	1,061
* PetroQuest Energy Inc.	232,199	803
* Mitcham Industries Inc.	241,456	797
* ^ W&T Offshore Inc.	437,196	769
* Ideal Power Inc.	125,202	647
* ^ Rex Energy Corp.	995,794	581
* ^ Harvest Natural Resources Inc.	692,035	556
* ^ Gulfmark Offshore Inc.	326,455	548
* ^ Basic Energy Services Inc.	594,500	493
* ^ Triangle Petroleum Corp.	1,365,429	376
* ^ MagneGas Corp.	555,720	361
^ Comstock Resources Inc.	47,279	361
* PrimeEnergy Corp.	5,740	333
* Enservco Corp.	558,846	324
* ^ Torchlight Energy Resources Inc.	282,464	308
* Aemetis Inc.	268,465	306
* ^ Bonanza Creek Energy Inc.	276,752	282

* ^ Amyris Inc.	406,454	236
* Eco-Stim Energy Solutions Inc.	78,312	167
* ^ Stone Energy Corp.	13,579	161
* ^ Superior Drilling Products Inc.	100,396	95
* Yuma Energy Inc.	207,273	52
* PHI Inc.	2,641	48

31,306,646

Other (0.0%)2

* Dyax Corp CVR Expire 12/31/2019	2,750,063	3,053
* Leap Wireless International Inc CVR	872,848	2,200
* Adolor Corp. Rights Exp. 07/01/2019	592,629	308
* Chelsea Therapeutics International Ltd. CVR Exp. 12/31/2016	1,157,305	127
* Ambit Biosciences Corp. CVR Rights	201,330	121
* NuPathe Inc. CVR	158,681	95
* Omthera Pharmaceuticals Inc. CVR	121,311	73
* Full House Resorts Inc Rights Expire 12/31/2049	160,784	16
* Alexza Pharmaceuticals Inc CVR	327,391	11
* Clinical Data CVR	216,285	—
* Gerber Scientific Inc. CVR	388,581	—
* ^ Cubist Pharmaceuticals, Inc. CVR	511,822	—
* ^ Biosante Pharmaceutical Inc CVR	253,823	—
* Allen Organ Co. Escrow Shares	11,462	—
* Trubion Pharmaceuticals Inc. CVR	104	—

6,004

Technology (16.6%)

Apple Inc.	105,224,082	11,895,582
Microsoft Corp.	152,166,645	8,764,799
* Facebook Inc. Class A	47,740,814	6,123,714
* Alphabet Inc. Class A	6,045,647	4,861,063
* Alphabet Inc. Class C	6,015,009	4,675,406
Intel Corp.	97,238,956	3,670,771
Cisco Systems Inc.	103,369,640	3,278,885
^ International Business Machines Corp.	17,705,867	2,812,577
Oracle Corp.	63,527,501	2,495,360
QUALCOMM Inc.	30,291,051	2,074,937
Texas Instruments Inc.	20,624,522	1,447,429
Broadcom Ltd.	7,724,255	1,332,588
* Adobe Systems Inc.	10,235,404	1,110,951
* salesforce.com Inc.	13,233,836	943,970
Hewlett Packard Enterprise Co.	34,085,807	775,452
* Yahoo! Inc.	17,585,198	757,922
NVIDIA Corp.	10,443,471	715,587
Applied Materials Inc.	22,210,237	669,639
* Cognizant Technology Solutions Corp. Class A	12,457,776	594,360
Intuit Inc.	4,990,508	549,006
HP Inc.	35,073,975	544,699
Corning Inc.	21,275,038	503,155
Analog Devices Inc.	6,307,628	406,527
* Cerner Corp.	6,234,968	385,009
* Micron Technology Inc.	21,326,368	379,183
Western Digital Corp.	5,773,916	337,601
* Autodesk Inc.	4,407,305	318,780
Symantec Corp.	12,669,272	317,999
Lam Research Corp.	3,284,291	311,055
* Red Hat Inc.	3,704,468	299,432
Skyworks Solutions Inc.	3,851,421	293,247

Linear Technology Corp.	4,928,961	292,238
Xilinx Inc.	5,208,073	283,007
* Palo Alto Networks Inc.	1,750,238	278,865
Microchip Technology Inc.	4,424,314	274,927
*,^ Twitter Inc.	11,634,881	268,184
Motorola Solutions Inc.	3,440,757	262,461
* Citrix Systems Inc.	3,027,584	258,011
* ServiceNow Inc.	3,212,519	254,271
Seagate Technology plc	6,154,809	237,268
Harris Corp.	2,555,332	234,094
Maxim Integrated Products Inc.	5,838,530	233,133
KLA-Tencor Corp.	3,207,199	223,574
* Dell Technologies Inc - VMware Inc	4,565,447	218,228
* Workday Inc. Class A	2,325,244	213,202
CA Inc.	6,425,322	212,550
NetApp Inc.	5,727,102	205,145
* Synopsys Inc.	3,086,080	183,159
* Akamai Technologies Inc.	3,406,954	180,534
Juniper Networks Inc.	7,481,489	180,005
CDK Global Inc.	3,122,998	179,135
* F5 Networks Inc.	1,363,017	169,886
* ANSYS Inc.	1,794,852	166,221
* Splunk Inc.	2,732,165	160,323
* Cadence Design Systems Inc.	6,103,915	155,833
CDW Corp.	3,342,327	152,845
Computer Sciences Corp.	2,875,583	150,134
* Qorvo Inc.	2,652,925	147,874
*,^ VeriSign Inc.	1,884,263	147,425
* Gartner Inc.	1,620,043	143,293
*,^ VMware Inc. Class A	1,653,968	121,319
Leidos Holdings Inc.	2,744,727	118,792
* Ultimate Software Group Inc.	564,233	115,324
* Tyler Technologies Inc.	671,618	115,001
SS&C Technologies Holdings Inc.	3,501,570	112,575
Marvell Technology Group Ltd.	8,399,098	111,456
* ARRIS International plc	3,909,085	110,744
Ingram Micro Inc.	3,074,647	109,642
* Fortinet Inc.	2,936,260	108,436
* Advanced Micro Devices Inc.	15,609,448	107,861
* CommScope Holding Co. Inc.	3,554,255	107,019
* ON Semiconductor Corp.	8,473,573	104,394
* PTC Inc.	2,345,820	103,943
Garmin Ltd.	2,141,932	103,048
* athenahealth Inc.	807,535	101,846
* Microsemi Corp.	2,315,661	97,211
IAC/InterActiveCorp	1,540,082	96,209
* NetSuite Inc.	830,892	91,971
CSRA Inc.	3,342,403	89,911
Teradyne Inc.	4,149,463	89,545
* Guidewire Software Inc.	1,481,102	88,837
Brocade Communications Systems Inc.	9,569,409	88,326
* Manhattan Associates Inc.	1,472,906	84,869
* NCR Corp.	2,631,025	84,693
* Nuance Communications Inc.	5,724,545	83,006
* Teradata Corp.	2,666,913	82,674
DST Systems Inc.	672,374	79,286

Fair Isaac Corp.

632,191

78,765

* Aspen Technology Inc.	1,657,779	77,567
Cypress Semiconductor Corp.	6,162,704	74,938
* IMS Health Holdings Inc.	2,378,777	74,551
* Veeva Systems Inc. Class A	1,796,923	74,177
*,^ Arista Networks Inc.	845,838	71,964
Pitney Bowes Inc.	3,932,728	71,418
* Rackspace Hosting Inc.	2,205,622	69,896
SYNNEX Corp.	608,433	69,428
* EPAM Systems Inc.	987,012	68,410
* Cirrus Logic Inc.	1,281,620	68,118
* ViaSat Inc.	910,906	67,999
* Finisar Corp.	2,276,401	67,837
* Cavium Inc.	1,159,480	67,482
* Ellie Mae Inc.	639,831	67,374
* Tableau Software Inc. Class A	1,175,641	64,978
Blackbaud Inc.	973,285	64,568
j2 Global Inc.	941,427	62,708
* Medidata Solutions Inc.	1,118,144	62,348
* Ciena Corp.	2,836,068	61,826
* Proofpoint Inc.	823,394	61,631
Mentor Graphics Corp.	2,318,167	61,292
Intersil Corp. Class A	2,776,266	60,884
* Tech Data Corp.	718,417	60,857
* Integrated Device Technology Inc.	2,627,009	60,684
Monolithic Power Systems Inc.	737,696	59,385
* NetScout Systems Inc.	1,879,145	54,965
InterDigital Inc.	693,555	54,930
* Zendesk Inc.	1,764,634	54,192
MKS Instruments Inc.	1,083,903	53,902
Science Applications International Corp.	772,099	53,561
* Allscripts Healthcare Solutions Inc.	4,054,384	53,396
* Cree Inc.	2,064,039	53,087
* Entegris Inc.	2,892,002	50,379
* Dycom Industries Inc.	610,554	49,931
* CACI International Inc. Class A	492,926	49,736
Lexmark International Inc. Class A	1,219,020	48,712
* Verint Systems Inc.	1,280,272	48,177
* Fleetmatics Group plc	799,800	47,972
* Silicon Laboratories Inc.	807,581	47,486
* Cornerstone OnDemand Inc.	1,024,631	47,082
* Paycom Software Inc.	935,784	46,911
* Electronics For Imaging Inc.	955,311	46,734
* Lumentum Holdings Inc.	1,115,306	46,586
* TiVo Corp.	2,374,796	46,261
*,^ FireEye Inc.	3,130,670	46,115
* ACI Worldwide Inc.	2,363,554	45,806
LogMeIn Inc.	491,061	44,387
* Synaptics Inc.	755,475	44,256
* CommVault Systems Inc.	810,506	43,062
*,^ 3D Systems Corp.	2,173,708	39,018
Tessera Technologies Inc.	1,009,094	38,790
* HubSpot Inc.	672,813	38,767
* NETGEAR Inc.	634,697	38,393
* Advanced Energy Industries Inc.	800,315	37,871
Plantronics Inc.	705,452	36,655
* Gigamon Inc.	662,006	36,278
* Semtech Corp.	1,302,597	36,121

* VeriFone Systems Inc.	2,280,772	35,899
Power Integrations Inc.	561,578	35,396
* Viavi Solutions Inc.	4,767,558	35,232
Diebold Inc.	1,413,982	35,053
* Synchronoss Technologies Inc.	828,111	34,102
* GoDaddy Inc. Class A	946,568	32,685
* 2U Inc.	850,683	32,573
* Inphi Corp.	745,110	32,420
* MicroStrategy Inc. Class A	190,676	31,927
* Premier Inc. Class A	967,983	31,305
* EchoStar Corp. Class A	711,108	31,168
Cogent Communications Holdings Inc.	840,961	30,956
* Envestnet Inc.	825,218	30,079
NIC Inc.	1,274,897	29,960
* Syntel Inc.	693,257	29,054
*,^ Ubiquiti Networks Inc.	532,029	28,464
* Rambus Inc.	2,270,199	28,377
* Infoblox Inc.	1,071,495	28,255
* BroadSoft Inc.	601,522	28,001
* RealPage Inc.	1,068,242	27,454
* Oclaro Inc.	3,170,426	27,107
*,^ Square Inc.	2,304,604	26,872
* Progress Software Corp.	968,297	26,338
* Infinera Corp.	2,911,066	26,287
* RingCentral Inc. Class A	1,107,245	26,197
^ Ebix Inc.	457,844	26,028
CSG Systems International Inc.	618,484	25,562
* SPS Commerce Inc.	343,265	25,199
*,^ Shutterstock Inc.	390,610	24,882
Cabot Microelectronics Corp.	469,615	24,847
*,^ New Relic Inc.	645,416	24,732
* Insight Enterprises Inc.	751,448	24,460
* MaxLinear Inc.	1,173,187	23,781
* Callidus Software Inc.	1,284,758	23,575
West Corp.	1,004,467	22,179
* Interactive Intelligence Group Inc.	363,596	21,867
* Qualys Inc.	570,997	21,806
Pegasystems Inc.	675,684	19,926
* Cray Inc.	827,402	19,477
* Mercury Systems Inc.	785,480 19,299	
ADTRAN Inc.	1,006,787 19,270	
* ScanSource Inc.	520,371 18,994	
* Ixia	1,491,236 18,640	
* Bottomline Technologies de Inc.	797,151 18,582	
* Amkor Technology Inc.	1,911,253 18,577	
Monotype Imaging Holdings Inc.	835,951 18,483	
* Super Micro Computer Inc.	774,908 18,110	
Brooks Automation Inc.	1,321,254 17,982	
* Web.com Group Inc.	983,174 16,979	
*,^ Gogo Inc.	1,465,514 16,179	
* Diodes Inc.	755,774 16,128	
* FormFactor Inc.	1,447,767 15,708	
*,^ Twilio Inc.	243,680 15,683	
*,^ Pure Storage Inc. Class A	1,152,533 15,617	
* Q2 Holdings Inc.	543,606 15,580	
* CEVA Inc.	431,225 15,123	
* Lattice Semiconductor Corp.	2,317,637 15,041	

* Cvent Inc.	463,334	14,692
*,^ Match Group Inc.	824,819	14,674
* Photronics Inc.	1,379,308	14,221
* Perficient Inc.	693,392	13,972
* Benefitfocus Inc.	346,736	13,842
* Five9 Inc.	869,617	13,636
* Virtusa Corp.	548,362	13,534
* Barracuda Networks Inc.	514,755	13,116
* NeoPhotonics Corp.	791,710	12,937
* ePlus Inc.	135,630	12,805
*,^ InvenSense Inc.	1,720,223	12,764
* Endurance International Group Holdings Inc.	1,426,916	12,486
Quality Systems Inc.	1,070,678	12,120
* PROS Holdings Inc.	530,847	12,002
* Ultratech Inc.	514,258	11,869
*,^ Acacia Communications Inc.	112,500	11,619
*,^ Nimble Storage Inc.	1,290,699	11,397
* ShoreTel Inc.	1,382,967	11,064
* Applied Micro Circuits Corp.	1,583,716	11,007
* VASCO Data Security International Inc.	613,492	10,804
Inteliquent Inc.	663,729	10,713
* Nanometrics Inc.	478,120	10,681
* Rudolph Technologies Inc.	597,736	10,604
* Silver Spring Networks Inc.	727,191	10,312
* Box Inc.	649,705	10,239
* Loral Space & Communications Inc.	258,527	10,111
* CalAmp Corp.	723,818	10,097
* A10 Networks Inc.	935,742	10,003
* Harmonic Inc.	1,683,369	9,982
* SunEdison Semiconductor Ltd.	875,439	9,971
* Unisys Corp.	1,018,606	9,921
Epiq Systems Inc.	601,633	9,921
* Intralinks Holdings Inc.	984,829	9,907
* PDF Solutions Inc.	543,652	9,878
* Workiva Inc.	527,197	9,558
* Actua Corp.	721,542	9,344
*,^ Alarm.com Holdings Inc.	323,684	9,342
* Vocera Communications Inc.	547,228	9,248
* Varonis Systems Inc.	306,063	9,212
* CommerceHub Inc.	574,057	9,133
* Exar Corp.	973,241	9,061
* Extreme Networks Inc.	2,013,728	9,042
* Blucora Inc.	780,443	8,741
* LivePerson Inc.	1,032,670	8,685
Hackett Group Inc.	508,921	8,407
Forrester Research Inc.	213,778	8,316
*,^ Applied Optoelectronics Inc.	365,062	8,108
*,^ KEYW Holding Corp.	732,683	8,089
* Alpha & Omega Semiconductor Ltd.	368,870	8,012
* Axcelis Technologies Inc.	591,924	7,861
*,^ Digimarc Corp.	204,809	7,854
* Brightcove Inc.	596,599	7,786
* Sonus Networks Inc.	975,297	7,588
* Boingo Wireless Inc.	733,401	7,539
American Software Inc. Class A	595,190	6,607
*,^ Hortonworks Inc.	770,280	6,432
* Carbonite Inc.	413,286	6,348

* Model N Inc.	570,650	6,340
* Xcerra Corp.	1,045,933	6,338
* Rapid7 Inc.	358,810	6,333
* Calix Inc.	861,446	6,332
* Instructure Inc.	248,363	6,301
PC Connection Inc.	234,082	6,184
* MeetMe Inc.	995,503	6,172
* Tangoe Inc.	737,500	6,084
Computer Programs & Systems Inc.	225,543	5,878
Comtech Telecommunications Corp.	454,624	5,824
* ChannelAdvisor Corp.	448,817	5,803
IXYS Corp.	480,608	5,791
* Silicon Graphics International Corp.	748,772	5,766
* Apigee Corp.	331,066	5,761
* Sigma Designs Inc.	735,369	5,729
* Exa Corp.	354,887	5,696
* Radisys Corp.	1,039,763	5,558
Cohu Inc.	454,884	5,340
* Mitek Systems Inc.	628,987	5,214
* Jive Software Inc.	1,208,841	5,150
* RigNet Inc.	335,700	5,076
* Digi International Inc.	440,086	5,017
* Xactly Corp.	330,738	4,868
* Immersion Corp.	593,988	4,847
* DSP Group Inc.	365,386	4,388
* USA Technologies Inc.	767,011	4,299
* CommerceHub Inc. Class A	266,423	4,209
* Zix Corp.	1,024,551	4,201
* Datalink Corp.	372,494	3,952
* Impinj Inc.	102,360	3,830
* GSI Technology Inc.	779,926	3,689
* Clearfield Inc.	196,005	3,685
* Quantum Corp.	4,947,063	3,642
* AXT Inc.	701,179	3,639
* Ultra Clean Holdings Inc.	490,321	3,633
QAD Inc. Class A	159,947	3,580
* Amber Road Inc.	362,115	3,494
* GigPeak Inc.	1,465,658	3,444
* Rosetta Stone Inc.	404,165	3,427
* Vectrus Inc.	214,314	3,264
* Agilysys Inc.	293,495	3,264
* KVH Industries Inc.	355,992	3,136
EMCORE Corp.	539,211	3,074
* Guidance Software Inc.	509,562	3,037
*,^ Castlight Health Inc. Class B	708,924	2,949
* Telenav Inc.	514,146	2,946
Computer Task Group Inc.	575,939	2,707
* Hutchinson Technology Inc.	676,957	2,694
Simulations Plus Inc.	284,393	2,508
*,^ Appfolio Inc.	128,344	2,495
* Kopin Corp.	1,118,910	2,439
*,^ VirnetX Holding Corp.	796,443	2,437
* Seachange International Inc.	806,787	2,412
* Aerohive Networks Inc.	394,727	2,404
* Key Tronic Corp.	308,692	2,300
* Edgewater Technology Inc.	268,543	2,283
* ARI Network Services Inc.	507,287	2,252

*^ SecureWorks Corp. Class A	176,829	2,212
*^ Park City Group Inc.	185,559	2,190
*^ Novatel Wireless Inc.	684,731	2,143
PC-Tel Inc.	403,368	2,134
* MobileIron Inc.	761,763	2,095
* Covisint Corp.	932,791	2,033
NCI Inc. Class A	173,562	2,008
* Aware Inc.	348,867	1,849
Preformed Line Products Co.	43,037	1,815
*^ TransEnterix Inc.	1,071,239	1,810
*^ Pixelworks Inc.	644,421	1,798
* Ooma Inc.	195,376	1,774
* Limelight Networks Inc.	937,800	1,754
* Rightside Group Ltd.	190,008	1,729
* BSQUARE Corp.	350,719	1,726
* Ciber Inc.	1,453,174	1,671
* Internap Corp.	998,735	1,648
TransAct Technologies Inc.	219,989	1,621
* Pendrell Corp.	2,290,362	1,569
* NetSol Technologies Inc.	248,867	1,558
* VOXX International Corp. Class A	516,734	1,545
Systemax Inc.	194,630	1,541
ClearOne Inc.	137,384	1,537
* Numerex Corp. Class A	190,131	1,479
* iPass Inc.	916,260	1,475
* Datawatch Corp.	183,944	1,363
TESSCO Technologies Inc.	107,526	1,334
* Synacor Inc.	449,243	1,307
Concurrent Computer Corp.	236,019	1,298
* Marin Software Inc.	512,447	1,291
* MRV Communications Inc.	113,854	1,290
* Amtech Systems Inc.	252,548	1,253
*^ Netlist Inc.	988,391	1,226
Great Elm Capital Group Inc.	241,938	1,135
* Tremor Video Inc.	673,055	1,131
LRAD Corp.	602,425	1,127
* Icad Inc.	209,938	1,092
*^ Sunworks Inc.	414,517	1,065
* PAR Technology Corp.	193,926	1,041
*^ Neonode Inc.	909,044	1,036
*^ Rocket Fuel Inc.	388,154	1,025
Evolving Systems Inc.	232,304	1,011
* ID Systems Inc.	204,890	1,004
* SITO Mobile Ltd.	203,819	897
* Upland Software Inc.	101,213	892
* Support.com Inc.	1,053,784	885
* Xplore Technologies Corp.	341,629	820
* FalconStor Software Inc.	772,635	804
*^ QuickLogic Corp.	1,056,874	803
* GSE Systems Inc.	275,429	793
*^ CVD Equipment Corp.	89,642	751
*^ ParkerVision Inc.	169,036	720
GlobalSCAPE Inc.	200,880	717
* Aviat Networks Inc.	76,618	706
* eGain Corp.	227,199	702
RELM Wireless Corp.	127,563	681
*^ MoSys Inc.	841,793	631

QAD Inc. Class B	28,747	561
RCM Technologies Inc.	82,515	545
* WidePoint Corp.	1,255,826	537
*, ^ Resonant Inc.	98,340	537
AstroNova Inc.	34,603	513
* DASAN Zhong Solutions Inc.	435,733	497
* Inuvo Inc.	362,897	461
* Intermolecular Inc.	448,653	445
* ARC Group Worldwide Inc.	109,790	405
* Imation Corp.	603,706	382
* Streamline Health Solutions Inc.	200,663	369
* Nutanix Inc.	9,877	365
Communications Systems Inc.	75,909	361
* Westell Technologies Inc. Class A	696,943	357
* Identiv Inc.	162,718	355
* Qumu Corp.	149,439	342
*, ^ FORM Holdings Corp.	118,201	318
* Everbridge Inc.	18,820	317
* inTEST Corp.	75,255	301
* Aehr Test Systems	93,715	301
*, ^ Violin Memory Inc.	403,672	295
* Data I/O Corp.	79,543	278
* Smith Micro Software Inc.	116,951	237
*, ^ Xtera Communications Inc.	396,546	214
* BroadVision Inc.	38,131	195
* SharpSpring Inc.	34,445	177
* Apptio Inc. Class A	8,061	175
* Cinedigm Corp. Class A	84,887	166
CSP Inc.	16,227	165
* Lantronix Inc.	107,354	150
*, ^ Adesto Technologies Corp.	63,582	140
* Mastech Digital Inc.	15,394	125
*, ^ Voltari Corp.	43,032	114
* Sonic Foundry Inc.	17,328	101
* Sysorex Global	280,235	100
* Determine Inc.	48,769	88
*, ^ NXT-ID Inc.	25,800	78
* Network-1 Technologies Inc.	23,471	64
* ADDvantage Technologies Group Inc.	29,519	52
* Fusion Telecommunications International Inc.	30,990	51
* Infsonics Corp.	33,591	17
* Finjan Holdings Inc.	6,800	12
Intelligent Systems Corp.	1,383	5
* Sajan Inc.	100	—

77,968,651

Telecommunications (2.4%)

AT&T Inc.	126,350,624	5,131,099
Verizon Communications Inc.	84,144,546	4,373,833
CenturyLink Inc.	11,283,114	309,496
* SBA Communications Corp. Class A	2,563,150	287,483
* Level 3 Communications Inc.	6,044,232	280,331
* T-Mobile US Inc.	5,888,023	275,088
Frontier Communications Corp.	24,010,618	99,884
*, ^ Sprint Corp.	12,280,756	81,421
* Zayo Group Holdings Inc.	2,460,585	73,104
Telephone & Data Systems Inc.	1,863,099	50,639
Shenandoah Telecommunications Co.	983,595	26,764

* 8x8 Inc.	1,729,873	26,692
* Vonage Holdings Corp.	4,010,240	26,508
Consolidated Communications Holdings Inc.	990,921	25,011
^ Windstream Holdings Inc.	1,960,505	19,703
* Cincinnati Bell Inc.	4,696,349	19,161
* inContact Inc.	1,250,250	17,478
ATN International Inc.	223,261	14,521
*,^ Iridium Communications Inc.	1,674,542	13,581
* ORBCOMM Inc.	1,308,467	13,412
EarthLink Holdings Corp.	2,114,005	13,107
* GTT Communications Inc.	517,985	12,188
*,^ Globalstar Inc.	8,832,848	10,688
* United States Cellular Corp.	266,782	9,695
* General Communication Inc. Class A	529,632	7,282
* FairPoint Communications Inc.	474,189	7,127
Spok Holdings Inc.	397,011	7,075
* Hawaiian Telcom Holdco Inc.	285,173	6,385
IDT Corp. Class B	351,625	6,062
* Lumos Networks Corp.	425,411	5,956
*,^ pdvWireless Inc.	258,502	5,920
*,^ Straight Path Communications Inc. Class B	162,873	4,171
* HC2 Holdings Inc.	528,107	2,878
* Alaska Communications Systems Group Inc.	1,402,988	2,413
*,^ Intelsat SA	527,201	1,429
* Elephant Talk Communications Corp.	1,001,878	163
* Otelco Inc. Class A	2,754	12

11,267,760

Utilities (3.3%)

NextEra Energy Inc.	9,582,462	1,172,127
Duke Energy Corp.	14,106,673	1,129,098
Southern Co.	20,026,381	1,027,353
Dominion Resources Inc.	12,844,149	953,935
American Electric Power Co. Inc.	10,018,796	643,307
PG&E Corp.	10,296,718	629,850
Exelon Corp.	18,871,841	628,244
Sempra Energy	5,098,223	546,479
Edison International	6,659,720	481,165
PPL Corp.	13,887,680	480,097
Consolidated Edison Inc.	6,221,784	468,500
Public Service Enterprise Group Inc.	10,348,997	433,313
Xcel Energy Inc.	10,296,337	423,591
WEC Energy Group Inc.	6,469,924	387,419
Eversource Energy	6,489,246	351,587
DTE Energy Co.	3,641,721	341,120
FirstEnergy Corp.	8,687,983	287,399
Entergy Corp.	3,625,504	278,185
American Water Works Co. Inc.	3,625,297	271,317
Ameren Corp.	4,934,411	242,674
CMS Energy Corp.	5,628,724	236,463
ONEOK Inc.	4,308,623	221,420
CenterPoint Energy Inc.	8,424,725	195,706
SCANA Corp.	2,633,916	190,617

Alliant Energy Corp.	4,731,453	181,262
Pinnacle West Capital Corp.	2,323,004	176,525
AES Corp.	13,475,509	173,160
Westar Energy Inc. Class A	2,927,952	166,161
NiSource Inc.	6,631,272	159,880

UGI Corp.	3,511,899	158,878
Atmos Energy Corp.	2,062,462	153,592
ITC Holdings Corp.	3,163,385	147,034
Great Plains Energy Inc.	4,253,540	116,079
Aqua America Inc.	3,572,179	108,880
Piedmont Natural Gas Co. Inc.	1,730,732	103,913
* Calpine Corp.	7,366,906	93,118
National Fuel Gas Co.	1,653,464	89,403
Vectren Corp.	1,752,105	87,956
IDACORP Inc.	1,093,266	85,581
Portland General Electric Co.	1,969,296	83,872
NRG Energy Inc.	6,498,941	72,853
Black Hills Corp.	1,096,028	67,099
Hawaiian Electric Industries Inc.	2,214,678	66,108
ONE Gas Inc.	1,054,113	65,186
Southwest Gas Corp.	918,622	64,175
WGL Holdings Inc.	1,021,795	64,067
ALLETE Inc.	1,044,298	62,261
Avista Corp.	1,478,057	61,768
PNM Resources Inc.	1,789,951	58,567
Spire Inc.	914,542	58,293
NorthWestern Corp.	1,012,769	58,265
New Jersey Resources Corp.	1,772,348	58,239
Avangrid Inc.	1,311,396	54,790
South Jersey Industries Inc.	1,613,425	47,677
MGE Energy Inc.	833,942	47,126
El Paso Electric Co.	902,139	42,193
Ormat Technologies Inc.	835,101	40,427
Northwest Natural Gas Co.	590,135	35,473
California Water Service Group	987,274	31,682
Empire District Electric Co.	908,282	31,009
* Dynegy Inc.	2,420,997	29,996
American States Water Co.	746,548	29,899
TerraForm Power Inc. Class A	1,773,716	24,673
* Talen Energy Corp.	1,766,017	24,459
Chesapeake Utilities Corp.	331,072	20,215
Connecticut Water Service Inc.	330,230	16,422
Unitil Corp.	407,075	15,900
SJW Corp.	326,202	14,249
Middlesex Water Co.	366,089	12,901
*,^ Sunrun Inc.	1,434,819	9,039
York Water Co.	282,354	8,375
Artesian Resources Corp. Class A	224,803	6,416
Atlantic Power Corp.	2,238,892	5,530
Delta Natural Gas Co. Inc.	190,830	4,551
Spark Energy Inc. Class A	124,447	3,625

* Pure Cycle Corp.	482,435	2,769
Gas Natural Inc.	350,416	2,688
*,^ Cadiz Inc.	353,762	2,621
Genie Energy Ltd. Class B	286,954	1,693
* US Geothermal Inc.	2,237,474	1,621
*,^ Vivint Solar Inc.	476,796	1,507
		15,432,667
Total Common Stocks (Cost \$327,332,866)		466,215,059

Coupon

Temporary Cash Investments (1.1%)¹

Money Market Fund (1.1%)

3,4 Vanguard Market Liquidity Fund	0.640%	50,737,726	5,074,280
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		Maturity Date	Face Amount (\$000)	
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U.S. Government and Agency Obligations (0.0%)

United States Treasury Bill	0.296%	11/25/16	1,600	1,600
5 United States Treasury Bill	0.321%	12/1/16	40,000	39,988
5 United States Treasury Bill	0.312%-0.341%	12/8/16	24,900	24,892
5 United States Treasury Bill	0.281%	12/15/16	14,300	14,294
5 United States Treasury Bill	0.190%-0.300%	12/22/16	35,000	34,980

115,754

Total Temporary Cash Investments (Cost \$5,189,773)	5,190,034
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Total Investments (100.6%) (Cost \$332,522,639)	471,405,093
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Other Asset and Liabilities-Net (-0.6%)⁴	(2,606,426)
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Net Assets (100%)	468,798,667
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* Non-income-producing security.

[^] Includes partial security positions on loan to broker-dealers. The total value of securities on loan is \$2,416,891,000.

¹ The fund invests a portion of its cash reserves in equity markets through the use of index futures contracts and swap contracts. After giving effect to futures and swap investments, the fund's effective common stock and temporary cash investment positions represent 100.0% and 0.6%, respectively, of net assets.

² "Other" represents securities that are not classified by the fund's benchmark index.

³ Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.

⁴ Includes \$2,506,767,000 of collateral received for securities on loan.

⁵ Securities with a value of \$104,058,000 have been segregated as initial margin for open futures contracts.

CVR—Contingent Value Rights.

REIT—Real Estate Investment Trust.

A. Security Valuation: Securities are valued as of the close of trading on the New York Stock Exchange (generally 4 p.m., Eastern time) on the valuation date. Equity securities are valued at the latest quoted sales prices or official closing prices taken from the primary market in which each security trades; such securities not traded on the valuation date are valued at the mean of the latest quoted bid and asked prices. Securities for which market quotations are not readily available, or whose values have been materially affected by events occurring before the fund's pricing time but after the close of the securities' primary markets, are valued by methods deemed by the board of trustees to represent fair value. Investments in Vanguard Market Liquidity Fund are valued at that fund's net asset value. Temporary cash investments acquired over 60 days to maturity are valued using the latest bid prices or using valuations based on a matrix system (which considers such factors as security prices, yields, maturities, and ratings), both as furnished by independent pricing services. Other temporary cash investments are valued at amortized cost, which approximates market value.

B. Various inputs may be used to determine the value of the fund's investments. These inputs are summarized in three broad levels for financial statement purposes. The inputs or methodologies used to value securities are not necessarily an indication of the risk associated with investing in those securities.

Total Stock Market Index Fund

Level 1—Quoted prices in active markets for identical securities.

Level 2—Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3—Significant unobservable inputs (including the fund's own assumptions used to determine the fair value of investments).

The following table summarizes the market value of the fund's investments as of September 30, 2016, based on the inputs used to value them:

Investments	Level 1 (\$000)	Level 2 (\$000)	Level 3 (\$000)
Common Stocks	466,202,253	49	12,757
Temporary Cash Investments	5,074,280	115,754	—
Futures Contracts—Assets ¹	15,723	—	—
Futures Contracts—Liabilities ¹	(550)	—	—
Swap Contracts—Assets	—	613	—
Swap Contracts—Liabilities	—	(8)	—
Total	471,291,706	116,408	12,757

¹ Represents variation margin on the last day of the reporting period.

C. Futures Contracts: The fund uses index futures contracts to a limited extent, with the objectives of maintaining full exposure to the stock market, enhancing returns, maintaining liquidity, and minimizing transaction costs. The fund may purchase futures contracts to immediately invest incoming cash in the market, or sell futures in response to cash outflows, thereby simulating a fully invested position in the underlying index while maintaining a cash balance for liquidity. The fund may seek to enhance returns by using futures contracts instead of the underlying securities when futures are believed to be priced more attractively than the underlying securities. The primary risks associated with the use of futures contracts are imperfect correlation between changes in market values of stocks held by the fund and the prices of futures contracts, and the possibility of an illiquid market. Counterparty risk involving futures is mitigated because a regulated clearinghouse is the counterparty instead of the clearing broker. To further mitigate counterparty risk, the fund trades futures contracts on an exchange, monitors the financial strength of its clearing brokers and clearinghouse, and has entered into clearing agreements with its clearing brokers. The clearinghouse imposes initial margin requirements to secure the fund's performance and requires daily settlement of variation margin representing changes in the market value of each contract.

Futures contracts are valued at their quoted daily settlement prices. The aggregate settlement values of the contracts are not recorded in the Schedule of Investments. Fluctuations in the value of the contracts are recorded as an asset (liability).

Total Stock Market Index Fund

At September 30, 2016, the aggregate settlement value of open futures contracts and the related unrealized appreciation (depreciation) were:

		(\$000)		
		Number of	Aggregate	Unrealized
		Long (Short)	Settlement	Appreciation
Futures Contracts	Expiration	Contracts	Value Long (Short)	(Depreciation)
E-mini S&P 500 Index	December 2016	22,015	2,378,060	40,848
E-mini Russell 2000 Index	December 2016	957	119,462	3,649
E-mini S&P Mid-Cap 400 Index	December 2016	240	37,190	620
				45,117

Unrealized appreciation (depreciation) on open futures contracts is required to be treated as realized gain (loss) for tax purposes.

D. Swap Contracts: The fund has entered into equity swap contracts to earn the total return on selected reference stocks in the fund's target index. Under the terms of the swaps, the fund receives the total return on the referenced stock (i.e., receiving the increase or paying the decrease in value of the selected reference stock and receiving the equivalent of any dividends in respect of the selected referenced stock) over a specified period of time, applied to a notional amount that represents the value of a designated number of shares of the selected reference stock at the beginning of the equity swap contract. The fund also pays a floating rate that is based on short-term interest rates, applied to the notional amount. At the same time, the fund invests an amount approximating the notional amount of the swap in high-quality temporary cash investments.

The notional amounts of swap contracts are not recorded in the Schedule of Investments. Swaps are valued daily based on market quotations received from independent pricing services or recognized dealers and the change in value is recorded as unrealized appreciation (depreciation) until termination of the swap, at which time realized gain (loss) is recorded. A risk associated with all types of swaps is the possibility that a counterparty may default on its obligation to pay net amounts due to the fund. The fund's maximum amount subject to counterparty risk is the unrealized appreciation on the swap contract. The fund mitigates its counterparty risk by entering into swaps only with a diverse group of prequalified counterparties, monitoring their financial strength, entering into master netting arrangements with its counterparties, and requiring its counterparties to transfer collateral as security for their performance. In the absence of a default, the collateral pledged or received by the fund cannot be repledged, resold or rehypothecated. In the event of a counterparty's default (including bankruptcy), the fund may terminate any swap contracts with that counterparty, determine the net amount owed by either party in accordance with its master netting arrangements, and sell or retain any collateral held up to the net amount owed to the fund under the master netting arrangements. The swap contracts contain provisions whereby a counterparty may terminate open contracts if the fund's net assets decline below a certain level, triggering a payment by the fund if the fund is in a net liability position at the time of the termination. The payment amount would be reduced by any collateral the fund has pledged. Any securities pledged as collateral for open contracts are noted in the Schedule of Investments. The value of collateral received or pledged is compared daily to the value of the swap contracts exposure with each counterparty, and any difference, if in excess of a specified minimum transfer amount, is adjusted and settled within two business days.

Total Stock Market Index Fund

At September 30, 2016, the fund had the following open total return swap contracts:

Reference Entity	Termination Date	Counterparty	Notional Amount (\$000)	Floating Interest Rate Received (Paid)	Unrealized Appreciation (Depreciation) (\$000)
Ambac Financial Group Inc.	10/6/16	GSCM	5,649	(0.913%)	31
Ambac Financial Group Inc.	10/6/16	GSCM	634	(0.925%)	(8)
Ambac Financial Group Inc.	10/6/16	GSCM	618	(0.946%)	7
Ambac Financial Group Inc.	10/6/16	GSCM	614	(0.943%)	11
SLM Corp.	11/23/16	GSI	24,492	(0.943%)	564
					605

GSCM—Goldman Sachs Capital Management.

GSI—Goldman Sachs International.

After September 30, 2016, the counterparty posted additional collateral of \$639,000 in connection with open total return swap contracts as of September 30, 2016.

E. At September 30, 2016, the cost of investment securities for tax purposes was \$332,531,561,000. Net unrealized appreciation of investment securities for tax purposes was \$138,873,532,000, consisting of unrealized gains of \$151,213,457,000 on securities that had risen in value since their purchase and \$12,339,925,000 in unrealized losses on securities that had fallen in value since their purchase.

Vanguard Value Index Fund

Schedule of Investments (unaudited)

As of September 30, 2016

	Shares	Market Value (\$000)
Common Stocks (99.9%)¹		
Basic Materials (3.4%)		
El du Pont de Nemours & Co.	3,845,178	257,512
Dow Chemical Co.	4,955,759	256,857
Air Products & Chemicals Inc.	904,765	136,022
PPG Industries Inc.	1,171,112	121,046
LyondellBasell Industries NV Class A	1,462,719	117,983
International Paper Co.	1,808,509	86,772
Nucor Corp.	1,398,328	69,147
Alcoa Inc.	5,785,032	58,660
Freeport-McMoRan Inc.	5,253,122	57,049
Newmont Mining Corp.	1,165,508	45,793
Celanese Corp. Class A	636,599	42,372
Albemarle Corp.	494,448	42,270
Eastman Chemical Co.	585,008	39,593
Mosaic Co.	1,541,103	37,695
Ashland Global Holdings Inc.	272,327	31,576
Avery Dennison Corp.	391,342	30,443
FMC Corp.	589,383	28,491
CF Industries Holdings Inc.	1,027,291	25,015
Reliance Steel & Aluminum Co.	302,411	21,783
Westlake Chemical Corp.	169,235	9,054
Versum Materials Inc.	312	9
		1,515,142

Consumer Goods (10.1%)

^ Procter & Gamble Co.	11,736,931	1,053,390
PepsiCo Inc.	6,329,326	688,441
Mondelez International Inc. Class A	6,499,076	285,309
Altria Group Inc.	4,296,483	271,667
Ford Motor Co.	17,162,238	207,148
Kimberly-Clark Corp.	1,581,707	199,516
General Motors Co.	6,182,241	196,410
General Mills Inc.	2,636,781	168,438
Archer-Daniels-Midland Co.	2,558,593	107,896
Tyson Foods Inc. Class A	1,308,175	97,681
ConAgra Foods Inc.	1,932,472	91,039
Delphi Automotive plc	1,199,853	85,573
Molson Coors Brewing Co. Class B	767,693	84,293
Kellogg Co.	1,078,553	83,555
Dr Pepper Snapple Group Inc.	815,955	74,505
Clorox Co.	568,672	71,186
JM Smucker Co.	494,841	67,071
Genuine Parts Co.	621,429	62,423
Whirlpool Corp.	331,550	53,764
Campbell Soup Co.	882,320	48,263
Mattel Inc.	1,495,010	45,269
Coach Inc.	1,226,413	44,838
Harley-Davidson Inc.	785,675	41,319
Stanley Black & Decker Inc.	331,118	40,721
Hasbro Inc.	496,530	39,390

PVH Corp.	355,790	39,315
Lear Corp.	314,704	38,148
Bunge Ltd.	613,630	36,345
PulteGroup Inc.	1,362,913	27,313
Leucadia National Corp.	1,429,546	27,219
Ralph Lauren Corp. Class A	247,049	24,986
DR Horton Inc.	775,091	23,408
Ingredion Inc.	158,998	21,156
* Edgewell Personal Care Co.	258,343	20,543
Goodyear Tire & Rubber Co.	575,080	18,575
Lennar Corp. Class A	422,228	17,877
Pilgrim's Pride Corp.	280,369	5,921
Newell Brands Inc.	2,550	134
Lennar Corp. Class B	1,431	48
		4,510,093
Consumer Services (6.5%)		
Wal-Mart Stores Inc.	6,168,051	444,840
CVS Health Corp.	4,689,165	417,289
Target Corp.	2,528,226	173,638
McKesson Corp.	992,642	165,523
* eBay Inc.	4,717,076	155,192
Delta Air Lines Inc.	3,293,641	129,638
Time Warner Inc.	1,624,922	129,360
Kroger Co.	4,173,574	123,872
Sysco Corp.	2,230,533	109,318
Cardinal Health Inc.	1,401,165	108,870
Omnicom Group Inc.	1,040,323	88,427
American Airlines Group Inc.	2,330,504	85,320
AmerisourceBergen Corp. Class A	801,802	64,769
* United Continental Holdings Inc.	1,204,303	63,190
Viacom Inc. Class B	1,568,382	59,755
Las Vegas Sands Corp.	873,864	50,282
Macy's Inc.	1,355,596	50,225
Best Buy Co. Inc.	1,206,571	46,067
Carnival Corp.	848,189	41,409
Aramark	1,071,385	40,745
Interpublic Group of Cos. Inc.	1,762,854	39,400
Kohl's Corp.	808,775	35,384
Darden Restaurants Inc.	527,982	32,376
News Corp. Class A	2,190,785	30,627
Bed Bath & Beyond Inc.	646,690	27,879
^ Nordstrom Inc.	534,495	27,730
* Liberty SiriusXM Group	784,870	26,222
Staples Inc.	2,850,560	24,372
Gap Inc.	959,184	21,332
Whole Foods Market Inc.	702,172	19,907
* Liberty Interactive Corp. QVC Group Class A	935,142	18,712
* Rite Aid Corp.	2,300,129	17,688
Tiffany & Co.	232,532	16,889
* Liberty SiriusXM Group	380,791	12,939
H&R Block Inc.	483,283	11,188
News Corp. Class B	12,704	181
		2,910,555
Financials (22.5%)		
* Berkshire Hathaway Inc. Class B	8,457,325	1,221,830
JPMorgan Chase & Co.	15,885,125	1,057,790

Wells Fargo & Co.	19,970,766	884,305
Bank of America Corp.	44,879,499	702,364
Citigroup Inc.	12,138,620	573,307
US Bancorp	7,150,834	306,699
American International Group Inc.	4,473,206	265,440
Goldman Sachs Group Inc.	1,604,937	258,828
Chubb Ltd.	1,943,155	244,157
American Express Co.	3,453,299	221,149
Morgan Stanley	6,305,959	202,169
PNC Financial Services Group Inc.	2,161,241	194,706
Bank of New York Mellon Corp.	4,460,749	177,895
MetLife Inc.	3,866,257	171,778
Capital One Financial Corp.	2,252,196	161,775
Prudential Financial Inc.	1,921,968	156,929
CME Group Inc.	1,415,794	147,979
Travelers Cos. Inc.	1,267,888	145,237
BB&T Corp.	3,582,147	135,119
Aflac Inc.	1,801,260	129,457
Allstate Corp.	1,633,717	113,020
State Street Corp.	1,543,770	107,493
Equity Residential	1,607,760	103,427
Discover Financial Services	1,775,188	100,387
Synchrony Financial	3,484,200	97,558
SunTrust Banks Inc.	2,180,232	95,494
Progressive Corp.	2,559,806	80,634
Willis Towers Watson plc	577,092	76,620
Hartford Financial Services Group Inc.	1,698,800	72,743
M&T Bank Corp.	621,091	72,109
Ameriprise Financial Inc.	709,086	70,745
Fifth Third Bancorp	3,366,027	68,869
Principal Financial Group Inc.	1,263,366	65,076
Northern Trust Corp.	945,708	64,299
KeyCorp	4,755,183	57,871
Citizens Financial Group Inc.	2,282,944	56,411
Invesco Ltd.	1,801,474	56,332
Regions Financial Corp.	5,516,634	54,449
Franklin Resources Inc.	1,519,279	54,041
Cincinnati Financial Corp.	687,746	51,870
Loews Corp.	1,260,228	51,858
Host Hotels & Resorts Inc.	3,263,636	50,815
Lincoln National Corp.	1,023,863	48,101
Huntington Bancshares Inc.	4,775,725	47,089
Annaly Capital Management Inc.	4,378,295	45,972
Western Union Co.	2,145,075	44,660
FNF Group	1,145,102	42,266
XL Group Ltd.	1,209,643	40,680
* Arch Capital Group Ltd.	512,198	40,597
Ally Financial Inc.	2,021,484	39,358
HCP Inc.	1,028,575	39,034
Unum Group	1,032,758	36,467
Comerica Inc.	765,419	36,220
Everest Re Group Ltd.	184,311	35,014
Nasdaq Inc.	509,946	34,442
CIT Group Inc.	888,684	32,259
Torchmark Corp.	500,996	32,009
Reinsurance Group of America Inc. Class A	282,264	30,468
New York Community Bancorp Inc.	2,038,586	29,009

American Capital Agency Corp.	1,454,122	28,413
Zions Bancorporation	903,251	28,019
Kimco Realty Corp.	874,426	25,315
Voya Financial Inc.	877,531	25,290
First Republic Bank	327,242	25,234
Macerich Co.	300,175	24,275
WR Berkley Corp.	404,138	23,343
* Liberty Broadband Corp.	319,902	22,867
Axis Capital Holdings Ltd.	397,347	21,588
People's United Financial Inc.	1,362,804	21,560
Duke Realty Corp.	772,250	21,106
Lazard Ltd. Class A	572,360	20,811
* Alleghany Corp.	32,184	16,897
Raymond James Financial Inc.	280,280	16,315
Camden Property Trust	192,858	16,150
Assurant Inc.	131,862	12,164
Navient Corp.	694,693	10,052
* Liberty Broadband Corp. Class A	54,425	3,818
* Berkshire Hathaway Inc. Class A	14	3,027
* Santander Consumer USA Holdings Inc.	231,193	2,811

10,003,734

Health Care (12.8%)

Johnson & Johnson	12,032,054	1,421,347
Pfizer Inc.	26,676,056	903,518
Merck & Co. Inc.	12,161,073	758,973
UnitedHealth Group Inc.	4,188,582	586,401
Eli Lilly & Co.	4,369,191	350,671
Abbott Laboratories	6,464,950	273,403
* Express Scripts Holding Co.	2,771,701	195,488
Aetna Inc.	1,542,845	178,121
Cigna Corp.	1,128,413	147,055
Anthem Inc.	1,157,411	145,035
Humana Inc.	655,605	115,970
Zimmer Biomet Holdings Inc.	835,717	108,660
* HCA Holdings Inc.	1,415,496	107,054
Baxter International Inc.	2,152,843	102,475
St. Jude Medical Inc.	1,253,169	99,953
Quest Diagnostics Inc.	610,982	51,707
* Hologic Inc.	1,220,116	47,377
Perrigo Co. plc	299,286	27,633
Universal Health Services Inc. Class B	197,540	24,341
Patterson Cos. Inc.	371,713	17,076
* Endo International plc	440,873	8,884
* Boston Scientific Corp.	7,300	174

5,671,316

Industrials (12.2%)

General Electric Co.	39,410,447	1,167,337
Honeywell International Inc.	3,346,304	390,146
United Technologies Corp.	3,496,681	355,263
Lockheed Martin Corp.	1,097,305	263,046
Caterpillar Inc.	2,569,386	228,084
* Johnson Controls International plc	4,109,983	191,237
General Dynamics Corp.	1,141,212	177,070
Raytheon Co.	1,297,863	176,678
Boeing Co.	1,303,176	171,680
Illinois Tool Works Inc.	1,404,974	168,372

Northrop Grumman Corp.	785,354	168,026
Emerson Electric Co.	2,830,271	154,278
Eaton Corp. plc	1,999,741	131,403
CSX Corp.	4,160,390	126,892
Norfolk Southern Corp.	1,291,075	125,312
Waste Management Inc.	1,945,194	124,026
Deere & Co.	1,312,988	112,063
TE Connectivity Ltd.	1,563,745	100,674
Cummins Inc.	741,739	95,054
FedEx Corp.	525,573	91,807
PACCAR Inc.	1,541,663	90,619
Ingersoll-Rand plc	1,135,371	77,137
Parker-Hannifin Corp.	592,832	74,418
Ball Corp.	765,283	62,715
WestRock Co.	1,105,374	53,589
Republic Services Inc. Class A	1,054,783	53,214
Dover Corp.	682,928	50,291
Rockwell Collins Inc.	571,434	48,195
L-3 Communications Holdings Inc.	305,776	46,090
Xylem Inc.	789,079	41,387
Xerox Corp.	3,790,643	38,399
* Crown Holdings Inc.	615,266	35,126
Fluor Corp.	613,445	31,482
Flowserve Corp.	574,615	27,719
* Jacobs Engineering Group Inc.	535,031	27,672
* Arrow Electronics Inc.	399,980	25,587
Pentair plc	358,897	23,056
Avnet Inc.	558,184	22,919
ManpowerGroup Inc.	300,375	21,705
Allison Transmission Holdings Inc.	624,128	17,900
* United Rentals Inc.	188,724	14,813
Owens Corning	251,440	13,424
AGCO Corp.	400	20
		5,415,925
Oil & Gas (10.3%)		
Exxon Mobil Corp.	18,236,536	1,591,685
Chevron Corp.	8,296,748	853,901
Occidental Petroleum Corp.	3,359,711	244,990
Schlumberger Ltd.	3,058,150	240,493
ConocoPhillips	5,446,841	236,774
Halliburton Co.	3,597,715	161,466
Phillips 66	1,954,553	157,439
Spectra Energy Corp.	3,083,421	131,816
Valero Energy Corp.	2,029,015	107,538
Apache Corp.	1,668,907	106,593
Kinder Morgan Inc.	4,172,426	96,508

Devon Energy Corp.	2,187,600	96,495
Baker Hughes Inc.	1,881,922	94,981
Marathon Petroleum Corp.	2,325,435	94,389
Hess Corp.	1,252,277	67,147
National Oilwell Varco Inc.	1,659,637	60,975
Marathon Oil Corp.	3,723,874	58,874
Tesoro Corp.	522,593	41,578
^ Helmerich & Payne Inc.	452,137	30,429
* FMC Technologies Inc.	993,896	29,489
OGE Energy Corp.	879,862	27,821
* Weatherford International plc	3,932,125	22,099

HollyFrontier Corp.	773,587	18,953
Energen Corp.	212,254	12,251
Murphy Oil Corp.	357,113	10,856
Williams Cos. Inc.	3,600	111
		4,595,651
Other (0.0%)²		
* Safeway Inc CVR (Casa Ley) Expire 1/30/2018	376	—
* Safeway Inc CVR (PDC) Expire 1/30/2017	376	—
		—
Technology (11.1%)		
Microsoft Corp.	32,557,077	1,875,288
Intel Corp.	20,806,392	785,441
Cisco Systems Inc.	22,120,150	701,651
International Business Machines Corp.	3,783,329	600,982
Hewlett Packard Enterprise Co.	7,308,022	166,257
HP Inc.	7,523,086	116,834
Corning Inc.	4,560,089	107,846
Western Digital Corp.	1,238,738	72,429
Symantec Corp.	2,703,977	67,870
Motorola Solutions Inc.	732,751	55,894
Seagate Technology plc	1,316,734	50,760
Harris Corp.	548,629	50,260
* Dell Technologies Inc - VMware Inc	980,653	46,875
CA Inc.	1,381,887	45,713
NetApp Inc.	1,223,968	43,843
* Synopsys Inc.	665,892	39,521
Marvell Technology Group Ltd.	1,792,302	23,784
Garmin Ltd.	455,256	21,902
Juniper Networks Inc.	798,196	19,205
Computer Sciences Corp.	307,773	16,069
* Nuance Communications Inc.	614,356	8,908
CSRA Inc.	450	12
* IMS Health Holdings Inc.	175	5
		4,917,349
Telecommunications (4.8%)		
AT&T Inc.	27,055,832	1,098,737
Verizon Communications Inc.	17,927,094	931,850
CenturyLink Inc.	2,398,230	65,784
Frontier Communications Corp.	5,156,705	21,452
* Sprint Corp.	2,615,301	17,340
* T-Mobile US Inc.	1,550	72
		2,135,235
Utilities (6.2%)		
NextEra Energy Inc.	2,054,191	251,269
Duke Energy Corp.	3,029,928	242,515
Southern Co.	4,304,299	220,811
Dominion Resources Inc.	2,752,127	204,400
American Electric Power Co. Inc.	2,162,553	138,858
PG&E Corp.	2,213,980	135,429
Exelon Corp.	4,053,536	134,942
Sempra Energy	1,098,680	117,767
Edison International	1,432,887	103,526
PPL Corp.	2,982,267	103,097
Consolidated Edison Inc.	1,338,834	100,814
Public Service Enterprise Group Inc.	2,225,006	93,161
Xcel Energy Inc.	2,234,011	91,907

WEC Energy Group Inc.	1,388,177	83,124
Eversource Energy	1,395,766	75,623
DTE Energy Co.	789,666	73,968
FirstEnergy Corp.	1,867,976	61,793
Entergy Corp.	787,236	60,405
American Water Works Co. Inc.	782,580	58,568
Ameren Corp.	1,066,360	52,444
CMS Energy Corp.	1,229,795	51,664
ONEOK Inc.	926,170	47,596
CenterPoint Energy Inc.	1,801,250	41,843
SCANA Corp.	564,690	40,867
Alliant Energy Corp.	997,627	38,219
AES Corp.	2,894,125	37,189
Pinnacle West Capital Corp.	489,155	37,171
NiSource Inc.	1,414,395	34,101
* Calpine Corp.	1,583,927	20,021
Avangrid Inc.	270,753	11,312
		2,764,404
Total Common Stocks (Cost \$37,269,854)		44,439,404

Coupon				
Temporary Cash Investments (0.4%)¹				
Money Market Fund (0.4%)				
3,4 Vanguard Market Liquidity Fund	0.640%		1,939,915	194,011
			Face	
		Maturity	Amount	
		Date	(\$000)	
U.S. Government and Agency Obligations (0.0%)				
5 Federal Home Loan Bank Discount Notes	0.340%	11/16/16	200	200
6 Freddie Mac Discount Notes	0.300%	11/8/16	200	200
United States Treasury Bill	0.320%	11/25/16	200	200
7 United States Treasury Bill	0.318%-0.321%	12/1/16	1,500	1,499
7 United States Treasury Bill	0.320%	12/8/16	1,000	1,000
				3,099
Total Temporary Cash Investments (Cost \$197,108)				197,110
Total Investments (100.3%) (Cost \$37,466,962)				44,636,514
Other Assets and Liabilities-Net (-0.3%)⁴				(140,251)
Net Assets (100%)				44,496,263

[^] Includes partial security positions on loan to broker-dealers. The total value of securities on loan is \$167,143,000.

^{*} Non-income-producing security.

¹ The fund invests a portion of its cash reserves in equity markets through the use of index futures contracts. After giving effect to futures investments, the fund's effective common stock and temporary cash investment positions represent 0.0% and 0.0%, respectively, of net assets.

² "Other" represents securities that are not classified by the fund's benchmark index.

³ Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.

⁴ Includes \$167,655,000 of collateral received for securities on loan.

⁵ The issuer operates under a congressional charter; its securities are generally neither guaranteed by the U.S. Treasury nor backed by the full faith and credit of the U.S. government.

⁶ The issuer was placed under federal conservatorship in September 2008; since that time, its daily operations have been managed by the Federal Housing Finance Agency and it receives capital from the U.S. Treasury, as

needed to maintain a positive net worth, in exchange for senior preferred stock.
7 Securities with a value of \$2,199,000 have been segregated as initial margin for open futures contracts.

CVR—Contingent Value Rights.

A. Security Valuation: Securities are valued as of the close of trading on the New York Stock Exchange (generally 4 p.m., Eastern time) on the valuation date. Equity securities are valued at the latest quoted sales prices or official closing prices taken from the primary market in which each security trades; such securities not traded on the valuation date are valued at the mean of the latest quoted bid and asked prices. Securities for which market quotations are not readily available, or whose values have been materially affected by events occurring before the fund's pricing time but after the close of the securities' primary markets, are valued by methods deemed by the board of trustees to represent fair value. Investments in Vanguard Market Liquidity Fund are valued at that fund's net asset value. Temporary cash investments acquired over 60 days to maturity are valued using the latest bid prices or using valuations based on a matrix system (which considers such factors as security prices, yields, maturities, and ratings), both as furnished by independent pricing services. Other temporary cash investments are valued at amortized cost, which approximates market value.

B. Various inputs may be used to determine the value of the fund's investments. These inputs are summarized in three broad levels for financial statement purposes. The inputs or methodologies used to value securities are not necessarily an indication of the risk associated with investing in those securities.

Level 1—Quoted prices in active markets for identical securities.

Level 2—Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3—Significant unobservable inputs (including the fund's own assumptions used to determine the fair value of investments).

The following table summarizes the market value of the fund's investments as of September 30, 2016, based on the inputs used to value them:

Investments	Level 1 (\$000)	Level 2 (\$000)	Level 3 (\$000)
Common Stocks	44,439,404	—	—
Temporary Cash Investments	194,011	3,099	—
Futures Contracts—Assets ¹	297	—	—
Total	44,633,712	3,099	—

¹ Represents variation margin on the last day of the reporting period.

C. Futures Contracts: The fund uses index futures contracts to a limited extent, with the objectives of maintaining full exposure to the stock market, enhancing returns, maintaining liquidity, and minimizing transaction costs. The fund may purchase futures contracts to immediately invest incoming cash in the market, or sell futures in response to cash outflows, thereby simulating a fully invested position in the underlying index while maintaining a cash balance for liquidity. The fund may seek to enhance returns by using futures contracts instead of the underlying securities when futures are believed to be priced more attractively than the underlying securities. The primary risks associated with the use of futures contracts are imperfect correlation between changes in market values of stocks held by the fund and the prices of futures contracts, and the possibility of an illiquid market. Counterparty risk involving futures is mitigated because a regulated clearinghouse is the counterparty instead of the clearing broker. To further mitigate counterparty risk, the fund trades futures contracts on an exchange, monitors the financial strength of its clearing brokers and clearinghouse, and has entered

Value Index Fund

into clearing agreements with its clearing brokers. The clearinghouse imposes initial margin requirements to secure the fund's performance and requires daily settlement of variation margin representing changes in the market value of each contract.

Futures contracts are valued at their quoted daily settlement prices. The aggregate settlement values of the contracts are not recorded in the Schedule of Investments. Fluctuations in the value of the contracts are recorded as an asset (liability).

At September 30, 2016, the aggregate settlement value of open futures contracts and the related unrealized appreciation (depreciation) were:

		(\$000)		
Futures Contracts	Expiration	Number of Long (Short) Contracts	Aggregate Settlement	Unrealized
			Value Long (Short)	Appreciation (Depreciation)
E-mini S&P 500 Index	December 2016	499	53,902	357

Unrealized appreciation (depreciation) on open futures contracts is required to be treated as realized gain (loss) for tax purposes.

D. At September 30, 2016, the cost of investment securities for tax purposes was \$37,466,962,000. Net unrealized appreciation of investment securities for tax purposes was \$7,169,552,000, consisting of unrealized gains of \$8,165,644,000 on securities that had risen in value since their purchase and \$996,092,000 in unrealized losses on securities that had fallen in value since their purchase.

Vanguard Growth Index Fund

Schedule of Investments (unaudited)

As of September 30, 2016

	Shares	Market Value (\$000)
Common Stocks (99.9%)¹		
Basic Materials (1.1%)		
Praxair Inc.	1,629,905	196,942
Ecolab Inc.	1,499,576	182,528
International Flavors & Fragrances Inc.	454,788	65,021
Newmont Mining Corp.	1,517,227	59,612
* Axalta Coating Systems Ltd.	1,230,146	34,776
WR Grace & Co.	403,054	29,745
		568,624
Consumer Goods (11.2%)		
Coca-Cola Co.	22,200,850	939,540
Philip Morris International Inc.	8,866,393	861,991
NIKE Inc. Class B	7,708,031	405,828
Colgate-Palmolive Co.	5,095,124	377,752
Altria Group Inc.	5,583,426	353,040
Kraft Heinz Co.	3,479,657	311,464
Monsanto Co.	2,500,868	255,589
Reynolds American Inc.	4,894,286	230,766

Activision Blizzard Inc.	3,812,776	168,906
Constellation Brands Inc. Class A	961,509	160,082
Newell Brands Inc.	2,754,721	145,064
* Electronic Arts Inc.	1,632,235	139,393
*,^ Tesla Motors Inc.	637,740	130,118
* Monster Beverage Corp.	816,458	119,864
Estee Lauder Cos. Inc. Class A	1,263,544	111,899
VF Corp.	1,897,386	106,348
Mead Johnson Nutrition Co.	1,054,822	83,341
Hershey Co.	784,462	74,994
* Mohawk Industries Inc.	360,084	72,139
Church & Dwight Co. Inc.	1,471,721	70,525
McCormick & Co. Inc.	657,521	65,699
* LKQ Corp.	1,667,482	59,129
Hormel Foods Corp.	1,514,545	57,447
* WhiteWave Foods Co. Class A	1,012,047	55,086
Hanesbrands Inc.	2,159,831	54,536
Stanley Black & Decker Inc.	430,118	52,896
Snap-on Inc.	332,139	50,472
Brown-Forman Corp. Class B	1,028,853	48,809
* Michael Kors Holdings Ltd.	918,652	42,984
BorgWarner Inc.	1,165,087	40,988
*,^ Under Armour Inc. Class A	1,049,397	40,591
* Under Armour Inc.	1,065,677	36,084
* NVR Inc.	21,191	34,750
* WABCO Holdings Inc.	303,532	34,460
Harman International Industries Inc.	399,738	33,758
* lululemon athletica Inc.	546,147	33,304
DR Horton Inc.	1,013,269	30,601
^ Polaris Industries Inc.	347,119	26,881
Lennar Corp. Class A	549,376	23,261
^ Coty Inc. Class A	253,209	5,950

Harley-Davidson Inc.	1,053	55
Lennar Corp. Class B	180	6
		5,946,390
Consumer Services (20.8%)		
* Amazon.com Inc.	2,303,077	1,928,389
Comcast Corp. Class A	13,730,481	910,880
Home Depot Inc.	7,061,671	908,696
Walt Disney Co.	8,266,593	767,636
McDonald's Corp.	4,877,198	562,634
Starbucks Corp.	7,963,022	431,118
Walgreens Boots Alliance Inc.	5,257,867	423,889
* Priceline Group Inc.	282,488	415,678
Costco Wholesale Corp.	2,503,647	381,831
Lowe's Cos. Inc.	5,064,354	365,697
* Charter Communications Inc. Class A	1,161,331	313,525
TJX Cos. Inc.	3,589,415	268,416
* Netflix Inc.	2,327,614	229,386
Yum! Brands Inc.	2,116,508	192,200
Time Warner Inc.	2,110,953	168,053
Twenty-First Century Fox Inc. Class A	6,078,410	147,219
Ross Stores Inc.	2,282,300	146,752
* O'Reilly Automotive Inc.	515,182	144,308
Southwest Airlines Co.	3,546,931	137,940
* AutoZone Inc.	167,173	128,446
CBS Corp. Class B	2,250,840	123,211
Marriott International Inc. Class A	1,672,952	112,640
Nielsen Holdings plc	1,941,431	104,002
Dollar General Corp.	1,450,142	101,495
* Dollar Tree Inc.	1,280,344	101,058
L Brands Inc.	1,397,519	98,902
Expedia Inc.	704,916	82,278
* Ulta Salon Cosmetics & Fragrance Inc.	338,434	80,541
Royal Caribbean Cruises Ltd.	984,052	73,755
* MGM Resorts International	2,746,966	71,504
Hilton Worldwide Holdings Inc.	3,110,129	71,315
* Chipotle Mexican Grill Inc. Class A	166,388	70,465
* DISH Network Corp. Class A	1,229,223	67,337
Las Vegas Sands Corp.	1,135,392	65,330
Advance Auto Parts Inc.	399,909	59,634
* CarMax Inc.	1,094,404	58,386
Twenty-First Century Fox Inc.	2,282,493	56,469
Carnival Corp.	1,102,703	53,834
Foot Locker Inc.	773,677	52,393
Tractor Supply Co.	764,180	51,468
Alaska Air Group Inc.	704,046	46,368
^ Wynn Resorts Ltd.	465,752	45,374
Wyndham Worldwide Corp.	628,702	42,331
* TripAdvisor Inc.	646,196	40,827
*,^ Sirius XM Holdings Inc.	9,770,123	40,741
FactSet Research Systems Inc.	232,824	37,741

* Norwegian Cruise Line Holdings Ltd.	908,350	34,245
* Discovery Communications Inc.	1,297,917	34,148
Signet Jewelers Ltd.	446,847	33,304
Scripps Networks Interactive Inc. Class A	461,408	29,295
Whole Foods Market Inc.	910,700	25,818
* Liberty Interactive Corp. QVC Group Class A	1,212,104	24,254
^ Williams-Sonoma Inc.	457,416	23,365

* Discovery Communications Inc. Class A	862,107	23,208
Tiffany & Co.	302,540	21,973
* AutoNation Inc.	407,448	19,847
H&R Block Inc.	631,516	14,620
* Hyatt Hotels Corp. Class A	126,775	6,240
CBS Corp. Class A	2,760	152
American Airlines Group Inc.	3,393	124
* Liberty SiriusXM Group	1,170	39
Nordstrom Inc.	702	36
* Liberty SiriusXM Group	585	20

11,072,780

Financials (12.2%)

Visa Inc. Class A	10,781,634	891,641
Mastercard Inc.	5,542,200	564,030
Simon Property Group Inc.	1,795,897	371,769
American Tower Corporation	2,431,798	275,596
BlackRock Inc.	603,933	218,902
Charles Schwab Corp.	6,804,316	214,812
Marsh & McLennan Cos. Inc.	2,961,326	199,149
S&P Global Inc.	1,508,614	190,930
Public Storage	842,208	187,930
Crown Castle International Corp.	1,928,853	181,717
Intercontinental Exchange Inc.	646,662	174,185
Aon plc	1,517,534	170,707
Prologis Inc.	3,000,009	160,620
Welltower Inc.	2,044,787	152,889
Equinix Inc.	406,049	146,279
Ventas Inc.	2,007,142	141,764
AvalonBay Communities Inc.	784,443	139,505
Weyerhaeuser Co.	4,277,009	136,608
Boston Properties Inc.	877,807	119,636
Moody's Corp.	934,782	101,218
Realty Income Corp.	1,478,674	98,968
Vornado Realty Trust	971,911	98,367
Equifax Inc.	682,467	91,846
T. Rowe Price Group Inc.	1,348,513	89,676
General Growth Properties Inc.	3,032,380	83,694
Essex Property Trust Inc.	374,091	83,310
Digital Realty Trust Inc.	839,023	81,486
* IHS Markit Ltd.	2,046,001	76,827
* Markel Corp.	75,939	70,530
Federal Realty Investment Trust	408,293	62,849
SL Green Realty Corp.	573,294	61,973
VEREIT Inc.	5,517,423	57,216
UDR Inc.	1,526,668	54,945
Extra Space Storage Inc.	682,631	54,208
Iron Mountain Inc.	1,429,391	53,645
HCP Inc.	1,336,723	50,729
Alexandria Real Estate Equities Inc.	445,940	48,505
Brixmor Property Group Inc.	1,740,296	48,363
* CBRE Group Inc. Class A	1,727,445	48,334
TD Ameritrade Holding Corp.	1,355,087	47,753
* E*TRADE Financial Corp.	1,565,834	45,597
* Affiliated Managers Group Inc.	308,200	44,597
MSCI Inc. Class A	514,297	43,170
SEI Investments Co.	831,057	37,905
Kimco Realty Corp.	1,140,525	33,018

First Republic Bank	425,901	32,841
Macerich Co.	389,855	31,528
* Liberty Broadband Corp.	416,353	29,761
Jones Lang LaSalle Inc.	258,225	29,383
Raymond James Financial Inc.	363,452	21,157
Camden Property Trust	249,646	20,905
Realogy Holdings Corp.	419,806	10,856
* Liberty Broadband Corp. Class A	70,915	4,975
Equity Residential	2,145	138
Lazard Ltd. Class A	780	28
		6,488,970

Health Care (14.6%)

Amgen Inc.	4,277,122	713,467
Medtronic plc	7,964,432	688,127
Gilead Sciences Inc.	7,542,240	596,742
AbbVie Inc.	9,307,711	587,037
* Allergan plc	2,263,010	521,194
Bristol-Myers Squibb Co.	9,549,560	514,912
* Celgene Corp.	4,430,056	463,074
* Biogen Inc.	1,252,349	392,023
Thermo Fisher Scientific Inc.	2,253,348	358,418
Becton Dickinson and Co.	1,216,781	218,692
Stryker Corp.	1,711,195	199,200
* Boston Scientific Corp.	7,775,105	185,048
* Regeneron Pharmaceuticals Inc.	443,045	178,113
* Intuitive Surgical Inc.	219,925	159,408
* Illumina Inc.	837,511	152,142
* Alexion Pharmaceuticals Inc.	1,217,075	149,140
Zoetis Inc.	2,828,000	147,084
* Edwards Lifesciences Corp.	1,216,086	146,611
* Vertex Pharmaceuticals Inc.	1,416,994	123,576
* Mylan NV	2,600,221	99,120
CR Bard Inc.	420,134	94,228
* Incyte Corp.	912,811	86,069
* BioMarin Pharmaceutical Inc.	926,512	85,721
* Laboratory Corp. of America Holdings	584,422	80,346
Dentsply Sirona Inc.	1,331,008	79,102
* Henry Schein Inc.	467,324	76,165
* Waters Corp.	437,359	69,317
* DaVita Inc.	945,894	62,495
* Centene Corp.	926,866	62,063
* IDEXX Laboratories Inc.	511,821	57,698
* Varian Medical Systems Inc.	533,951	53,144
ResMed Inc.	804,486	52,123
Cooper Cos. Inc.	277,047	49,663
* Mallinckrodt plc	616,243	43,001
* Quintiles Transnational Holdings Inc.	510,821	41,407
* Alkermes plc	864,749	40,669
* Jazz Pharmaceuticals plc	329,023	39,970
Perrigo Co. plc	388,761	35,894
Universal Health Services Inc. Class B	256,857	31,650
* Alnylam Pharmaceuticals Inc.	416,297	28,217
* Envision Healthcare Holdings Inc.	534,564	11,905
		7,773,975

Industrials (11.4%)

3M Co.	3,454,329	608,756
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Union Pacific Corp.	4,760,374	464,279
Accenture plc Class A	3,558,035	434,685
United Parcel Service Inc. Class B	3,950,783	432,058
Danaher Corp.	3,551,993	278,441
* PayPal Holdings Inc.	6,553,076	268,480
Boeing Co.	1,693,344	223,081
Automatic Data Processing Inc.	2,476,481	218,426
Fidelity National Information Services Inc.	1,872,788	144,261
* LinkedIn Corp. Class A	681,502	130,249
* Fiserv Inc.	1,255,547	124,889
Sherwin-Williams Co.	448,272	124,019
FedEx Corp.	683,418	119,380
Amphenol Corp. Class A	1,765,517	114,617
Paychex Inc.	1,855,580	107,382
Roper Technologies Inc.	579,618	105,763
Rockwell Automation Inc.	739,099	90,421
Fortive Corp.	1,776,256	90,411
Agilent Technologies Inc.	1,859,264	87,553
* FleetCor Technologies Inc.	502,263	87,258
Vulcan Materials Co.	760,021	86,437
* TransDigm Group Inc.	289,018	83,561
Waste Connections Inc.	1,003,204	74,939
* Verisk Analytics Inc. Class A	869,883	70,704
Fastenal Co.	1,651,225	68,988
* Alliance Data Systems Corp.	317,722	68,161
Global Payments Inc.	878,442	67,429
Acuity Brands Inc.	250,778	66,356
WW Grainger Inc.	293,584	66,009
Martin Marietta Materials Inc.	362,573	64,941
Masco Corp.	1,887,130	64,747
* Mettler-Toledo International Inc.	151,404	63,564
AMETEK Inc.	1,328,220	63,462
Kansas City Southern	617,283	57,605
CH Robinson Worldwide Inc.	815,770	57,479
Textron Inc.	1,384,397	55,030
Cintas Corp.	476,704	53,677
Expeditors International of Washington Inc.	1,035,186	53,333
Sealed Air Corp.	1,124,738	51,536
Fortune Brands Home & Security Inc.	880,165	51,138
* Vantiv Inc. Class A	894,860	50,354
Total System Services Inc.	946,496	44,627
JB Hunt Transport Services Inc.	515,874	41,858
* Trimble Navigation Ltd.	1,426,019	40,727
Wabtec Corp.	490,035	40,011
* Stericycle Inc.	485,885	38,939
* Sensata Technologies Holding NV	975,969	37,848
Macquarie Infrastructure Corp.	420,315	34,987
Hubbell Inc. Class B	315,537	33,996
Pentair plc	465,490	29,903
B/E Aerospace Inc.	550,416	28,435
Robert Half International Inc.	704,876	26,687
* First Data Corp. Class A	1,946,597	25,617
* United Rentals Inc.	245,599	19,277
Owens Corning	327,140	17,466
FLIR Systems Inc.	392,140	12,321
		6,066,558

Oil & Gas (3.5%)

Schlumberger Ltd.	3,974,101	312,523
EOG Resources Inc.	3,147,062	304,352
Anadarko Petroleum Corp.	3,163,597	200,446
Pioneer Natural Resources Co.	969,106	179,915
Williams Cos. Inc.	4,292,817	131,918
Kinder Morgan Inc.	5,425,502	125,492
* Concho Resources Inc.	805,237	110,599
Noble Energy Inc.	2,454,461	87,723
Cimarex Energy Co.	542,741	72,928
EQT Corp.	987,031	71,678
Cabot Oil & Gas Corp.	2,657,901	68,574
* Cheniere Energy Inc.	1,145,725	49,954
Range Resources Corp.	1,203,565	46,638
* Antero Resources Corp.	1,138,562	30,684
^ Core Laboratories NV	252,418	28,354
* Continental Resources Inc.	535,740	27,837
		1,849,615

Technology (24.6%)

Apple Inc.	29,257,085	3,307,513
* Facebook Inc. Class A	13,276,530	1,702,980
* Alphabet Inc. Class A	1,685,131	1,354,946
* Alphabet Inc. Class C	1,669,250	1,297,491
Oracle Corp.	17,672,126	694,161
QUALCOMM Inc.	8,422,427	576,936
Texas Instruments Inc.	5,733,678	402,390
Broadcom Ltd.	2,147,498	370,486
* Adobe Systems Inc.	2,847,852	309,106
* salesforce.com Inc.	3,678,526	262,389
* Yahoo! Inc.	4,895,012	210,975
NVIDIA Corp.	2,904,282	199,001
Applied Materials Inc.	6,176,213	186,213
* Cognizant Technology Solutions Corp. Class A	3,468,184	165,467
Intuit Inc.	1,388,712	152,772
Analog Devices Inc.	1,758,405	113,329
* Cerner Corp.	1,738,175	107,332
* Micron Technology Inc.	5,938,194	105,581
* Autodesk Inc.	1,219,066	88,175
Lam Research Corp.	916,517	86,803
* Red Hat Inc.	1,034,474	83,617
Skyworks Solutions Inc.	1,071,022	81,548
Linear Technology Corp.	1,370,915	81,282
Xilinx Inc.	1,448,072	78,688
* Palo Alto Networks Inc.	486,472	77,510
Microchip Technology Inc.	1,229,869	76,424
* Twitter Inc.	3,236,238	74,595
* Citrix Systems Inc.	845,055	72,016
* ServiceNow Inc.	893,023	70,683
Maxim Integrated Products Inc.	1,620,240	64,696
KLA-Tencor Corp.	891,477	62,145
* Workday Inc. Class A	646,305	59,260
* Akamai Technologies Inc.	949,321	50,305

CDK Global Inc.	858,699	49,255
* F5 Networks Inc.	378,682	47,199
* ANSYS Inc.	498,952	46,208
* Splunk Inc.	760,130	44,604
* Qorvo Inc.	732,013	40,802

* ^ VeriSign Inc.	519,324	40,632
* Gartner Inc.	449,157	39,728
* ^ VMware Inc. Class A	461,412	33,845
* NetSuite Inc.	231,430	25,617
Juniper Networks Inc.	1,037,102	24,953
* IMS Health Holdings Inc.	676,385	21,198
* Premier Inc. Class A	259,710	8,399
CSRA Inc.	468	13
		13,049,268

Telecommunications (0.5%)

* SBA Communications Corp. Class A	711,840	79,840
* T-Mobile US Inc.	1,646,742	76,936
* Level 3 Communications Inc.	1,644,874	76,289
* Zayo Group Holdings Inc.	690,486	20,514
		253,579

Utilities (0.0%)

* Calpine Corp.	2,106	27
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Total Common Stocks (Cost \$34,604,056)	53,069,786
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Coupon

Temporary Cash Investments (0.2%)¹

Money Market Fund (0.2%)

2,3 Vanguard Market Liquidity Fund	0.640%	1,093,621	109,373
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		Maturity	Face	
		Date	Amount	
			(\$000)	

U.S. Government and Agency Obligations (0.0%)

4, Federal Home Loan Bank Discount Notes	0.380%	10/5/16	500	500
4,5 Federal Home Loan Bank Discount Notes	0.379%	10/21/16	200	200
5 United States Treasury Bill	0.275-0.341%	12/8/16	2,100	2,099
				2,799

Total Temporary Cash Investments (Cost \$112,164)	112,172
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Total Investments (100.1%) (Cost \$34,716,220)	53,181,958
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Other Assets and Liabilities-Net (-0.1%)³	(55,204)
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Net Assets (100%)	53,126,754
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* Non-income-producing security.

[^] Includes partial security positions on loan to broker-dealers. The total value of securities on loan is \$75,426,000.

¹ The fund invests a portion of its cash reserves in equity markets through the use of index futures contracts. After giving effect to futures investments, the fund's effective common stock and temporary cash investment positions represent 100.0% and 0.1%, respectively, of net assets.

² Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.

³ Includes \$78,010,000 of collateral received for securities on loan.

⁴ The issuer operates under a congressional charter; its securities are generally neither guaranteed by the U.S. Treasury nor backed by the full faith and credit of the U.S. government.

⁵ Securities with a value of \$2,199,000 have been segregated as initial margin for open futures contracts.

A. Security Valuation: Securities are valued as of the close of trading on the New York Stock Exchange (generally 4 p.m., Eastern time) on the valuation date. Equity securities are valued at the latest quoted sales prices or official closing prices taken from the primary market in which each security trades; such

securities not traded on the valuation date are valued at the mean of the latest quoted bid and asked prices. Securities for which market quotations are not readily available, or

Growth Index Fund

whose values have been materially affected by events occurring before the fund's pricing time but after the close of the securities' primary markets, are valued by methods deemed by the board of trustees to represent fair value. Investments in Vanguard Market Liquidity Fund are valued at that fund's net asset value. Temporary cash investments acquired over 60 days to maturity are valued using the latest bid prices or using valuations based on a matrix system (which considers such factors as security prices, yields, maturities, and ratings), both as furnished by independent pricing services. Other temporary cash investments are valued at amortized cost, which approximates market value.

B. Various inputs may be used to determine the value of the fund's investments. These inputs are summarized in three broad levels for financial statement purposes. The inputs or methodologies used to value securities are not necessarily an indication of the risk associated with investing in those securities.

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Level 2—Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3—Significant unobservable inputs (including the fund's own assumptions used to determine the fair value of investments).

The following table summarizes the market value of the fund's investments as of September 30, 2016, based on the inputs used to value them:

Investments	Level 1 (\$000)	Level 2 (\$000)	Level 3 (\$000)
Common Stocks	53,069,786	—	—
Temporary Cash Investments	109,373	2,799	—
Futures Contracts—Assets ¹	304	—	—
Total	53,179,463	2,799	—

¹ Represents variation margin on the last day of the reporting period.

C. Futures Contracts: The fund uses index futures contracts to a limited extent, with the objectives of maintaining full exposure to the stock market, enhancing returns, maintaining liquidity, and minimizing transaction costs. The fund may purchase futures contracts to immediately invest incoming cash in the market, or sell futures in response to cash outflows, thereby simulating a fully invested position in the underlying index while maintaining a cash balance for liquidity. The fund may seek to enhance returns by using futures contracts instead of the underlying securities when futures are believed to be priced more attractively than the underlying securities. The primary risks associated with the use of futures contracts are imperfect correlation between changes in market values of stocks held by the fund and the prices of futures contracts, and the possibility of an illiquid market. Counterparty risk involving futures is mitigated because a regulated clearinghouse is the counterparty instead of the clearing broker. To further mitigate counterparty risk, the fund trades futures contracts on an exchange, monitors the financial strength of its clearing brokers and clearinghouse, and has entered into clearing agreements with its clearing brokers. The clearinghouse imposes initial margin requirements to secure the fund's performance and requires daily settlement of variation margin representing changes in the market value of each contract.

Futures contracts are valued at their quoted daily settlement prices. The aggregate settlement values of the contracts are not recorded in the Schedule of Investments. Fluctuations in the value of the contracts are recorded as an asset (liability).

Growth Index Fund

At September 30, 2016, the aggregate settlement value of open futures contracts and the related unrealized appreciation (depreciation) were:

		(\$000)		
		Number of	Aggregate	Unrealized
Futures Contracts	Expiration	Long (Short) Contracts	Settlement Value Long (Short)	Appreciation (Depreciation)
E-mini S&P 500 Index	December 2016	511	55,198	298

Unrealized appreciation (depreciation) on open futures contracts is required to be treated as realized gain (loss) for tax purposes.

D. At September 30, 2016, the cost of investment securities for tax purposes was \$34,716,220,000. Net unrealized appreciation of investment securities for tax purposes was \$18,465,738,000, consisting of unrealized gains of \$19,162,024,000 on securities that had risen in value since their purchase and \$696,286,000 in unrealized losses on securities that had fallen in value since their purchase.

Vanguard Small-Cap Index Fund

Schedule of Investments (unaudited)

As of September 30, 2016

	Shares	Market Value (\$000)
Common Stocks (99.6%)¹		
Basic Materials (3.8%)		
RPM International Inc.	2,870,593	154,208
Steel Dynamics Inc.	4,985,211	124,580
Royal Gold Inc.	1,405,342	108,816
NewMarket Corp.	203,642	87,428
Scotts Miracle-Gro Co. Class A	977,978	81,436
Sensient Technologies Corp.	963,075	73,001
Olin Corp.	3,551,328	72,873
Huntsman Corp.	4,352,792	70,820
United States Steel Corp.	3,561,341	67,167
CONSOL Energy Inc.	3,451,757	66,274
US Silica Holdings Inc.	1,367,155	63,655
Cabot Corp.	1,209,155	63,372
Chemours Co.	3,903,453	62,455
PolyOne Corp.	1,811,002	61,230
Compass Minerals International Inc.	726,511	53,544
Minerals Technologies Inc.	750,426	53,048
Balchem Corp.	681,050	52,802
HB Fuller Co.	1,084,704	50,406
Domtar Corp.	1,345,904	49,973
Hecla Mining Co.	8,309,850	47,366

Worthington Industries Inc.	949,225	45,591
* Chemtura Corp.	1,362,018	44,688
* GCP Applied Technologies Inc.	1,523,989	43,159
^ Allegheny Technologies Inc.	2,344,307	42,362
* Ingevity Corp.	908,222	41,869
Carpenter Technology Corp.	1,005,073	41,469
* Coeur Mining Inc.	3,491,101	41,300
Commercial Metals Co.	2,467,667	39,952
KapStone Paper and Packaging Corp.	1,871,710	35,413
* Stillwater Mining Co.	2,606,790	34,827
* Platform Specialty Products Corp.	4,094,144	33,203
* Univar Inc.	1,486,914	32,489
Kaiser Aluminum Corp.	368,253	31,850
Stepan Co.	432,985	31,461
* Cambrex Corp.	690,740	30,710
Innospec Inc.	491,032	29,860
Quaker Chemical Corp.	270,923	28,699
*,^ Cliffs Natural Resources Inc.	4,441,102	25,980
* Ferro Corp.	1,792,337	24,752
*,^ AK Steel Holding Corp.	5,121,554	24,737
* Clearwater Paper Corp.	368,515	23,832
* Kraton Corp.	663,607	23,253
PH Glatfelter Co.	936,527	20,304
*,^ Fairmount Santrol Holdings Inc.	2,255,002	19,122
A Schulman Inc.	604,082	17,591
Calgon Carbon Corp.	1,093,635	16,590
Deltic Timber Corp.	235,525	15,952
Innophos Holdings Inc.	397,516	15,515
* Koppers Holdings Inc.	422,855	13,607

Tronox Ltd. Class A	1,333,615	12,496
Rayonier Advanced Materials Inc.	927,279	12,398
Tredegar Corp.	597,245	11,103
Haynes International Inc.	267,615	9,931
American Vanguard Corp.	592,383	9,514
* Century Aluminum Co.	1,025,003	7,124
* Resolute Forest Products Inc.	1,246,910	5,898
FutureFuel Corp.	511,352	5,768
SunCoke Energy Inc.	698,130	5,599
Kronos Worldwide Inc.	381,098	3,159
		2,417,581
Consumer Goods (7.1%)		
* Middleby Corp.	1,238,431	153,095
Leggett & Platt Inc.	2,877,357	131,150
Pinnacle Foods Inc.	2,539,745	127,419
Gentex Corp.	6,170,614	108,356
* TreeHouse Foods Inc.	1,221,303	106,485
Ingredion Inc.	777,269	103,423
* Post Holdings Inc.	1,322,572	102,063
* Toll Brothers Inc.	3,214,510	95,985
Brunswick Corp.	1,942,944	94,777
*,^ Herbalife Ltd.	1,498,233	92,875
Goodyear Tire & Rubber Co.	2,821,464	91,133
Carter's Inc.	1,022,611	88,671
Thor Industries Inc.	1,015,658	86,026
* Take-Two Interactive Software Inc.	1,849,443	83,373
Pool Corp.	859,443	81,235
* Hain Celestial Group Inc.	2,224,297	79,140
Nu Skin Enterprises Inc. Class A	1,142,681	74,023
Spectrum Brands Holdings Inc.	510,922	70,349
B&G Foods Inc.	1,427,842	70,221
* Tenneco Inc.	1,155,677	67,341
Energizer Holdings Inc.	1,331,039	66,499
* Skechers U.S.A. Inc. Class A	2,866,584	65,645
*,^ Tempur Sealy International Inc.	1,067,587	60,575
Flowers Foods Inc.	4,003,244	60,529
Tupperware Brands Corp.	869,324	56,828
Snyder's-Lance Inc.	1,652,608	55,495
CalAtlantic Group Inc.	1,654,701	55,333
Lancaster Colony Corp.	412,663	54,509
Avon Products Inc.	9,402,623	53,219
Visteon Corp.	731,434	52,415
* Vista Outdoor Inc.	1,297,449	51,716
* Helen of Troy Ltd.	598,098	51,538
Drew Industries Inc.	502,235	49,229
Dana Inc.	3,088,893	48,156
* Manitowoc Foodservice Inc.	2,951,824	47,879
* Darling Ingredients Inc.	3,539,107	47,813
* Kate Spade & Co.	2,753,102	47,161
Wolverine World Wide Inc.	2,031,188	46,778
* Zynga Inc. Class A	15,622,652	45,462

* Dorman Products Inc.	708,044	45,244
Vector Group Ltd.	2,100,545	45,225
*,^ Blue Buffalo Pet Products Inc.	1,900,592	45,158
*,^ Fitbit Inc. Class A	2,999,871	44,518
Cooper Tire & Rubber Co.	1,164,269	44,266
Fresh Del Monte Produce Inc.	715,810	42,877

* Steven Madden Ltd.	1,188,134	41,062
* Deckers Outdoor Corp.	688,282	40,987
* TRI Pointe Group Inc.	3,105,561	40,931
Sanderson Farms Inc.	413,855	39,867
J&J Snack Foods Corp.	321,663	38,316
HNI Corp.	955,463	38,027
Herman Miller Inc.	1,291,041	36,924
* Cooper-Standard Holding Inc.	354,342	35,009
Columbia Sportswear Co.	600,330	34,063
WD-40 Co.	290,811	32,696
Dean Foods Co.	1,944,231	31,885
*,^ GoPro Inc. Class A	1,770,664	29,535
* Boston Beer Co. Inc. Class A	185,053	28,731
*,^ Wayfair Inc.	725,395	28,559
* Meritage Homes Corp.	819,325	28,431
* American Axle & Manufacturing Holdings Inc.	1,641,600	28,268
* US Foods Holding Corp.	1,185,925	28,000
Universal Corp.	465,268	27,088
KB Home	1,628,571	26,253
La-Z-Boy Inc.	1,055,054	25,912
Schweitzer-Mauduit International Inc.	657,681	25,360
* iRobot Corp.	563,371	24,777
Steelcase Inc. Class A	1,783,320	24,770
* Gentherm Inc.	786,198	24,702
* Fossil Group Inc.	884,788	24,571
* G-III Apparel Group Ltd.	837,911	24,425
^ Cal-Maine Foods Inc.	611,867	23,581
Interface Inc. Class A	1,410,116	23,535
Knoll Inc.	1,003,509	22,930
* ACCO Brands Corp.	2,307,342	22,243
Oxford Industries Inc.	325,808	22,057
MDC Holdings Inc.	845,076	21,803
* Select Comfort Corp.	941,130	20,328
Andersons Inc.	548,943	19,861
* Central Garden & Pet Co. Class A	718,820	17,827
* Seaboard Corp.	5,023	17,279
Ethan Allen Interiors Inc.	538,694	16,845
Briggs & Stratton Corp.	887,917	16,560
* USANA Health Sciences Inc.	116,348	16,097
DTS Inc.	358,850	15,265
Coca-Cola Bottling Co. Consolidated	100,039	14,822
Superior Industries International Inc.	493,253	14,383
* AdvancePierre Foods Holdings Inc.	498,770	13,746
^ Tootsie Roll Industries Inc.	371,489	13,682
* Crocs Inc.	1,495,594	12,413
Inter Parfums Inc.	366,265	11,819
* Modine Manufacturing Co.	974,679	11,560
*,^ National Beverage Corp.	249,502	10,991
* Taylor Morrison Home Corp. Class A	623,891	10,980
Phibro Animal Health Corp. Class A	397,020	10,791
*,^ Amplify Snack Brands Inc.	641,599	10,394
National Presto Industries Inc.	111,725	9,808
* Revlon Inc. Class A	225,611	8,298
* Iconix Brand Group Inc.	1,021,912	8,298
* Eastman Kodak Co.	496,820	7,452

Movado Group Inc.	333,584	7,165
* Federal-Mogul Holdings Corp.	721,037	6,929

* Vera Bradley Inc.	394,741	5,980
* Central Garden & Pet Co.	217,722	5,661
Titan International Inc.	459,095	4,646
Metaldyne Performance Group Inc.	287,829	4,562
*,^ Vince Holding Corp.	203,822	1,150
* Valvoline Inc.	29,740	699

4,482,796

Consumer Services (12.0%)

Domino's Pizza Inc.	1,038,599	157,711
KAR Auction Services Inc.	2,967,367	128,072
* Burlington Stores Inc.	1,535,840	124,434
Vail Resorts Inc.	778,019	122,056
* JetBlue Airways Corp.	6,967,431	120,119
Sabre Corp.	4,190,778	118,096
* VCA Inc.	1,654,151	115,757
* Copart Inc.	2,119,557	113,523
Dun & Bradstreet Corp.	781,919	106,826
Service Corp. International	3,960,942	105,123
Dunkin' Brands Group Inc.	1,975,616	102,890
Dick's Sporting Goods Inc.	1,800,302	102,113
Casey's General Stores Inc.	844,079	101,416
TEGNA Inc.	4,614,809	100,880
* ServiceMaster Global Holdings Inc.	2,914,443	98,158
* Panera Bread Co. Class A	479,519	93,372
* Rite Aid Corp.	11,295,641	86,863
Cinemark Holdings Inc.	2,249,058	86,094
Six Flags Entertainment Corp.	1,598,025	85,670
* Sally Beauty Holdings Inc.	3,148,756	80,860
* GrubHub Inc.	1,832,168	78,765
CST Brands Inc.	1,627,392	78,261
* Live Nation Entertainment Inc.	2,837,896	77,985
* Madison Square Garden Co. Class A	420,089	71,167
^ Cracker Barrel Old Country Store Inc.	514,797	68,066
* Pandora Media Inc.	4,719,366	67,629
Jack in the Box Inc.	703,723	67,515
* AMC Networks Inc. Class A	1,288,257	66,809
* Spirit Airlines Inc.	1,505,591	64,033
* Bright Horizons Family Solutions Inc.	951,181	63,624
American Eagle Outfitters Inc.	3,522,678	62,915
* Sprouts Farmers Market Inc.	3,031,800	62,607
* Hertz Global Holdings Inc.	1,553,313	62,381
Rollins Inc.	2,115,995	61,956
GameStop Corp. Class A	2,235,186	61,669
Dolby Laboratories Inc. Class A	1,129,026	61,295
Tribune Media Co. Class A	1,658,557	60,571
Brinker International Inc.	1,197,964	60,413
* Avis Budget Group Inc.	1,756,936	60,105
* Yelp Inc. Class A	1,407,337	58,686
*,^ JC Penney Co. Inc.	6,279,800	57,900
Cable One Inc.	98,404	57,468
* Murphy USA Inc.	799,666	57,064
* Cabela's Inc.	1,032,075	56,692
* Urban Outfitters Inc.	1,637,154	56,515
* Starz	1,781,545	55,566
* Buffalo Wild Wings Inc.	393,456	55,375

* Beacon Roofing Supply Inc.	1,284,552	54,041
* Michaels Cos. Inc.	2,227,608	53,841

Texas Roadhouse Inc. Class A	1,363,086	53,201
* Hawaiian Holdings Inc.	1,091,334	53,039
John Wiley & Sons Inc. Class A	990,658	51,128
Cheesecake Factory Inc.	982,364	49,177
Wendy's Co.	4,495,179	48,548
* Groupon Inc. Class A	9,228,536	47,527
* Five Below Inc.	1,179,505	47,522
Chemed Corp.	331,431	46,755
Lithia Motors Inc. Class A	478,980	45,752
Big Lots Inc.	954,172	45,562
Papa John's International Inc.	556,754	43,900
Regal Entertainment Group Class A	2,010,860	43,736
* Media General Inc.	2,363,605	43,561
Graham Holdings Co. Class B	90,221	43,430
Sinclair Broadcast Group Inc. Class A	1,474,898	42,595
* Acxiom Corp.	1,582,708	42,179
Meredith Corp.	810,443	42,135
Office Depot Inc.	11,716,407	41,828
Churchill Downs Inc.	285,732	41,817
Bloomin' Brands Inc.	2,406,988	41,496
Lions Gate Entertainment Corp.	2,066,134	41,302
* United Natural Foods Inc.	1,031,442	41,299
AMERCO	126,762	41,100
* Grand Canyon Education Inc.	1,015,846	41,030
Monro Muffler Brake Inc.	659,582	40,347
Matthews International Corp. Class A	656,872	39,912
Aaron's Inc.	1,566,950	39,832
^ Penske Automotive Group Inc.	824,166	39,708
* WebMD Health Corp.	796,386	39,580
Interval Leisure Group Inc.	2,288,480	39,293
Hillenbrand Inc.	1,221,022	38,633
Sotheby's	1,007,708	38,313
Allegiant Travel Co. Class A	283,730	37,472
Nexstar Broadcasting Group Inc. Class A	629,642	36,337
PriceSmart Inc.	425,290	35,622
* Dave & Buster's Entertainment Inc.	904,552	35,440
* Houghton Mifflin Harcourt Co.	2,636,130	35,351
Core-Mark Holding Co. Inc.	949,886	34,006
* Boyd Gaming Corp.	1,691,190	33,452
New York Times Co. Class A	2,757,235	32,949
Choice Hotels International Inc.	725,100	32,688
Chico's FAS Inc.	2,710,901	32,260
* Liberty TripAdvisor Holdings Inc. Class A	1,474,331	32,214
Marriott Vacations Worldwide Corp.	434,580	31,863
*,^ Stamps.com Inc.	334,165	31,582
* Shutterfly Inc.	695,023	31,026
Children's Place Inc.	387,069	30,915
GNC Holdings Inc. Class A	1,475,020	30,120
* comScore Inc.	976,132	29,928
*,^ Etsy Inc.	2,083,304	29,750
DineEquity Inc.	373,157	29,550

* Caesars Acquisition Co. Class A	2,368,872	29,421
Morningstar Inc.	369,752	29,310
Gannett Co. Inc.	2,513,263	29,254
*,^ Restoration Hardware Holdings Inc.	832,970	28,804
* SUPERVALU Inc.	5,722,610	28,556
DeVry Education Group Inc.	1,217,327	28,072

Time Inc.	1,934,418	28,010
SkyWest Inc.	1,055,234	27,869
DSW Inc. Class A	1,360,457	27,862
*,^ SolarCity Corp.	1,404,257	27,467
* Ollie's Bargain Outlet Holdings Inc.	1,037,376	27,190
* Liberty Media Group LLC	956,960	26,929
HSN Inc.	674,881	26,860
Group 1 Automotive Inc.	412,812	26,370
*,^ Diplomat Pharmacy Inc.	926,966	25,964
Sonic Corp.	971,224	25,427
Dillard's Inc. Class A	393,882	24,819
* MSG Networks Inc.	1,316,767	24,505
* Popeyes Louisiana Kitchen Inc.	458,580	24,369
Extended Stay America Inc.	1,710,741	24,293
* Asbury Automotive Group Inc.	429,505	23,911
* Belmond Ltd. Class A	1,857,475	23,609
* Genesco Inc.	427,496	23,281
Abercrombie & Fitch Co.	1,459,462	23,191
*,^ Virgin America Inc.	432,381	23,137
Caleres Inc.	892,858	22,580
* Ascena Retail Group Inc.	3,958,465	22,128
* Penn National Gaming Inc.	1,618,853	21,968
Scholastic Corp.	529,223	20,830
Finish Line Inc. Class A	891,171	20,568
* Herc Holdings Inc.	608,822	20,517
* EW Scripps Co. Class A	1,245,497	19,803
National CineMedia Inc.	1,344,021	19,784
* La Quinta Holdings Inc.	1,754,443	19,615
ClubCorp Holdings Inc.	1,341,183	19,407
SeaWorld Entertainment Inc.	1,435,070	19,345
* Performance Food Group Co.	775,232	19,226
*,^ Hibbett Sports Inc.	481,226	19,201
* Express Inc.	1,621,611	19,119
International Speedway Corp. Class A	560,961	18,747
Guess? Inc.	1,266,679	18,506
*,^ Quotient Technology Inc.	1,357,003	18,062
Cato Corp. Class A	533,438	17,545
* Planet Fitness Inc. Class A	858,478	17,230
* Apollo Education Group Inc.	2,087,074	16,592
Tailored Brands Inc.	1,051,933	16,515
* Rush Enterprises Inc. Class A	654,145	16,013
* BJ's Restaurants Inc.	442,710	15,738
Bob Evans Farms Inc.	404,508	15,493
Weis Markets Inc.	288,766	15,305
World Wrestling Entertainment Inc. Class A	717,248	15,277
^ Buckle Inc.	629,549	15,128
Red Rock Resorts Inc. Class A	624,493	14,732
Capella Education Co.	252,392	14,649
AMC Entertainment Holdings Inc.	464,060	14,428
* Pinnacle Entertainment Inc.	1,164,670	14,372
New Media Investment Group Inc.	914,772	14,179
* Vitamin Shoppe Inc.	524,015	14,070
* Fiesta Restaurant Group Inc.	577,843	13,868
Rent-A-Center Inc.	1,082,690	13,685

Barnes & Noble Inc.	1,208,572	13,657
Wingstop Inc. Class A	465,567	13,641
* Liberty Media Group LLC Class A	468,835	13,432

* Francesca's Holdings Corp.	868,043	13,394
*,^ Scientific Games Corp. Class A	1,123,203	12,658
*,^ Shake Shack Inc. Class A	361,792	12,543
* Tile Shop Holdings Inc.	723,404	11,972
*,^ Party City Holdco Inc.	635,935	10,887
*,^ Lumber Liquidators Holdings Inc.	551,915	10,856
*,^ Clean Energy Fuels Corp.	2,413,926	10,790
* K12 Inc.	727,888	10,445
*,^ TrueCar Inc.	1,088,493	10,275
Sonic Automotive Inc. Class A	543,597	10,220
* Strayer Education Inc.	216,005	10,083
* Biglari Holdings Inc.	22,095	9,634
*,^ Caesars Entertainment Corp.	1,270,042	9,462
* Regis Corp.	745,661	9,358
* SiteOne Landscape Supply Inc.	253,392	9,104
*,^ Global Eagle Entertainment Inc.	1,074,933	8,933
* Bankrate Inc.	980,598	8,315
* Angie's List Inc.	825,614	8,182
Blue Nile Inc.	235,891	8,119
* Smart & Final Stores Inc.	633,264	8,087
* RetailMeNot Inc.	783,196	7,746
* FTD Cos. Inc.	356,683	7,337
Pier 1 Imports Inc.	1,699,894	7,208
* Potbelly Corp.	559,503	6,955
* Zumiez Inc.	383,918	6,911
Fred's Inc. Class A	757,620	6,864
* Barnes & Noble Education Inc.	688,375	6,588
* American Public Education Inc.	328,314	6,504
*,^ Weight Watchers International Inc.	618,738	6,385
*,^ El Pollo Loco Holdings Inc.	453,496	5,710
*,^ Sears Holdings Corp.	457,694	5,245
* Habit Restaurants Inc. Class A	364,428	5,102
Speedway Motorsports Inc.	262,463	4,688
Clear Channel Outdoor Holdings Inc. Class A	772,024	4,509
*,^ Lands' End Inc.	273,281	3,963
* Rush Enterprises Inc. Class B	146,991	3,573
* Bojangles' Inc.	193,484	3,088
* Bridgepoint Education Inc.	388,481	2,669
*,^ Conn's Inc.	163,584	1,688
* Noodles & Co. Class A	199,802	951
* At Home Group Inc.	14,891	226

7,609,371

Financials (26.5%)

Arthur J Gallagher & Co.	3,808,396	193,733
Regency Centers Corp.	2,248,810	174,260
National Retail Properties Inc.	3,163,148	160,846
Apartment Investment & Management Co.	3,370,614	154,745
Mid-America Apartment Communities Inc.	1,625,688	152,798
Omega Healthcare Investors Inc.	4,163,430	147,594
WP Carey Inc.	2,275,788	146,857
American Campus Communities Inc.	2,808,370	142,862
Kilroy Realty Corp.	1,985,933	137,724
Spirit Realty Capital Inc.	10,324,543	137,626
Gaming and Leisure Properties Inc.	3,962,518	132,546
* Signature Bank	1,085,889	128,624
Equity LifeStyle Properties Inc.	1,652,837	127,566
Liberty Property Trust	3,158,822	127,458

MarketAxess Holdings Inc.	769,295	127,388
* SVB Financial Group	1,120,190	123,826
Forest City Realty Trust Inc. Class A	5,200,526	120,288
DDR Corp.	6,694,667	116,688
Lamar Advertising Co. Class A	1,782,705	116,428
Senior Housing Properties Trust	5,110,780	116,066
* Liberty Ventures Class A	2,908,954	115,980
East West Bancorp Inc.	3,103,086	113,914
CBOE Holdings Inc.	1,750,088	113,493
Douglas Emmett Inc.	3,089,217	113,158
American Financial Group Inc.	1,496,350	112,226
Highwoods Properties Inc.	2,122,022	110,600
Sun Communities Inc.	1,403,202	110,123
Starwood Property Trust Inc.	4,868,976	109,649
EPR Properties	1,370,160	107,886
PacWest Bancorp	2,462,145	105,651
CubeSmart	3,860,051	105,225
Hospitality Properties Trust	3,497,298	103,940
Duke Realty Corp.	3,776,433	103,210
Weingarten Realty Investors	2,609,231	101,708
RenaissanceRe Holdings Ltd.	841,921	101,165
American Homes 4 Rent Class A	4,607,622	99,709
Communications Sales & Leasing Inc.	3,146,260	98,824
STORE Capital Corp.	3,298,341	97,202
Healthcare Trust of America Inc. Class A	2,970,422	96,895
Medical Properties Trust Inc.	6,508,685	96,133
Bank of the Ozarks Inc.	2,477,766	95,146
Old Republic International Corp.	5,369,447	94,610
DCT Industrial Trust Inc.	1,939,539	94,165
First American Financial Corp.	2,359,311	92,674
Taubman Centers Inc.	1,235,512	91,934
Brown & Brown Inc.	2,404,987	90,692
Endurance Specialty Holdings Ltd.	1,382,643	90,494
Eaton Vance Corp.	2,316,973	90,478
* Life Storage Inc.	999,170	88,866
* Howard Hughes Corp.	771,713	88,361
Gramercy Property Trust	9,073,213	87,466
Commerce Bancshares Inc.	1,764,878	86,938
^ Cullen/Frost Bankers Inc.	1,203,698	86,594
Retail Properties of America Inc.	5,104,213	85,751
Popular Inc.	2,231,644	85,293
Healthcare Realty Trust Inc.	2,495,077	84,982
* Alleghany Corp.	157,953	82,929
Validus Holdings Ltd.	1,643,527	81,881
* Equity Commonwealth	2,702,964	81,684
Synovus Financial Corp.	2,510,934	81,681
CyrusOne Inc.	1,705,559	81,133

Tanger Factory Outlet Centers Inc.	2,068,098	80,573
Investors Bancorp Inc.	6,673,887	80,153
Assured Guaranty Ltd.	2,841,238	78,844
Prosperity Bancshares Inc.	1,421,413	78,021
* Western Alliance Bancorp	2,033,136	76,324
Post Properties Inc.	1,150,490	76,082
*,^ Zillow Group Inc.	2,194,861	76,052
First Horizon National Corp.	4,988,697	75,978
Hudson Pacific Properties Inc.	2,310,911	75,960
Webster Financial Corp.	1,971,862	74,950

PrivateBancorp Inc.	1,626,366	74,683
New Residential Investment Corp.	5,385,881	74,379
Allied World Assurance Co. Holdings AG	1,787,411	72,247
Umpqua Holdings Corp.	4,741,243	71,356
First Industrial Realty Trust Inc.	2,512,739	70,910
Rayonier Inc.	2,646,488	70,238
Outfront Media Inc.	2,966,171	70,150
Hanover Insurance Group Inc.	918,919	69,305
Empire State Realty Trust Inc.	3,280,706	68,731
Piedmont Office Realty Trust Inc. Class A	3,128,305	68,103
Education Realty Trust Inc.	1,570,639	67,757
BankUnited Inc.	2,239,403	67,630
Legg Mason Inc.	2,005,344	67,139
Bank of Hawaii Corp.	923,216	67,044
DuPont Fabros Technology Inc.	1,624,446	67,008
Apple Hospitality REIT Inc.	3,574,233	66,159
White Mountains Insurance Group Ltd.	79,499	65,984
Two Harbors Investment Corp.	7,475,852	63,769
Associated Banc-Corp	3,239,508	63,462
Chemical Financial Corp.	1,430,266	63,118
National Health Investors Inc.	799,999	62,784
Radian Group Inc.	4,609,138	62,454
Physicians Realty Trust	2,894,099	62,339
Acadia Realty Trust	1,717,405	62,239
Wintrust Financial Corp.	1,111,920	61,789
Equity One Inc.	2,009,319	61,505
RLI Corp.	894,910	61,176
Chimera Investment Corp.	3,834,605	61,162
Aspen Insurance Holdings Ltd.	1,297,015	60,428
Urban Edge Properties	2,141,692	60,267
ProAssurance Corp.	1,145,453	60,113
MFA Financial Inc.	7,992,074	59,781
Assurant Inc.	647,289	59,712
Sunstone Hotel Investors Inc.	4,656,638	59,558
Columbia Property Trust Inc.	2,658,570	59,525
Federated Investors Inc. Class B	1,999,302	59,239
IBERIABANK Corp.	882,396	59,226
Brandywine Realty Trust	3,764,975	58,809
United Bankshares Inc.	1,560,228	58,774
* MGIC Investment Corp.	7,319,543	58,556
Paramount Group Inc.	3,545,492	58,111
LaSalle Hotel Properties	2,431,017	58,028
Corporate Office Properties Trust	2,039,503	57,820
CNO Financial Group Inc.	3,765,720	57,503
MB Financial Inc.	1,506,763	57,317
Blackstone Mortgage Trust Inc. Class A	1,918,348	56,495
Erie Indemnity Co. Class A	546,757	55,808
FNB Corp.	4,521,659	55,616
* Texas Capital Bancshares Inc.	988,982	54,315
Hancock Holding Co.	1,667,342	54,072
Fulton Financial Corp.	3,720,554	54,022
CoreSite Realty Corp.	729,550	54,016
UMB Financial Corp.	905,109	53,809
RLJ Lodging Trust	2,549,484	53,616
Home BancShares Inc.	2,566,821	53,416
* Genworth Financial Inc. Class A	10,715,212	53,147
Primerica Inc.	999,323	52,994

American National Insurance Co.	428,801	52,297
Washington Federal Inc.	1,949,596	52,015
* Stifel Financial Corp.	1,352,493	52,003
Care Capital Properties Inc.	1,805,612	51,460
Retail Opportunity Investments Corp.	2,339,514	51,376
NorthStar Realty Finance Corp.	3,892,319	51,262
Pinnacle Financial Partners Inc.	942,678	50,980
Valley National Bancorp	5,199,259	50,589
NorthStar Asset Management Group Inc.	3,861,577	49,930
Kite Realty Group Trust	1,796,011	49,785
Cathay General Bancorp	1,614,008	49,679
Selective Insurance Group Inc.	1,245,160	49,632
EastGroup Properties Inc.	673,044	49,509
Washington Prime Group Inc.	3,986,232	49,350
Navient Corp.	3,408,363	49,319
^ First Financial Bankshares Inc.	1,351,502	49,249
Washington REIT	1,582,485	49,247
AmTrust Financial Services Inc.	1,835,265	49,240
First Citizens BancShares Inc. Class A	166,072	48,807
Interactive Brokers Group Inc.	1,374,286	48,471
TCF Financial Corp.	3,310,938	48,042
* Hope Bancorp Inc.	2,764,632	48,022
Mack-Cali Realty Corp.	1,739,212	47,341
Cousins Properties Inc.	4,520,067	47,190
Glacier Bancorp Inc.	1,642,424	46,842
Sterling Bancorp	2,675,574	46,823
* FirstCash Inc.	989,188	46,571
PS Business Parks Inc.	408,351	46,376
LPL Financial Holdings Inc.	1,535,576	45,929
Community Bank System Inc.	952,596	45,829
QTS Realty Trust Inc. Class A	855,148	45,195
Ryman Hospitality Properties Inc.	933,952	44,979
CBL & Associates Properties Inc.	3,680,412	44,680
Janus Capital Group Inc.	3,157,817	44,241
*,^ LendingClub Corp.	7,148,648	44,179
LTC Properties Inc.	844,241	43,892
Kennedy-Wilson Holdings Inc.	1,937,900	43,700
BancorpSouth Inc.	1,830,736	42,473
Great Western Bancorp Inc.	1,264,837	42,144
Colony Capital Inc. Class A	2,311,720	42,143
Lexington Realty Trust	4,073,986	41,962
Pebblebrook Hotel Trust	1,554,985	41,363
* SLM Corp.	5,487,993	40,995
Columbia Banking System Inc.	1,251,320	40,943
Realogy Holdings Corp.	1,580,440	40,870
Old National Bancorp	2,900,781	40,785
* Essent Group Ltd.	1,501,971	39,967

DiamondRock Hospitality Co.	4,335,862	39,456
CVB Financial Corp.	2,207,505	38,874
BGC Partners Inc. Class A	4,431,946	38,780
Alexander & Baldwin Inc.	1,003,814	38,567
GEO Group Inc.	1,612,435	38,344
Monogram Residential Trust Inc.	3,597,116	38,273
Trustmark Corp.	1,385,367	38,181
*,^ Zillow Group Inc. Class A	1,099,632	37,882
STAG Industrial Inc.	1,536,769	37,666
Capitol Federal Financial Inc.	2,665,209	37,500

* HRG Group Inc.	2,376,965	37,318
South State Corp.	495,627	37,192
Invesco Mortgage Capital Inc.	2,402,693	36,593
* Blackhawk Network Holdings Inc.	1,212,585	36,584
Evercore Partners Inc. Class A	708,048	36,472
EverBank Financial Corp.	1,883,841	36,471
Select Income REIT	1,349,162	36,292
American Assets Trust Inc.	831,051	36,051
International Bancshares Corp.	1,210,348	36,044
* OneMain Holdings Inc. Class A	1,160,948	35,931
* Hilltop Holdings Inc.	1,594,616	35,815
*,^ Credit Acceptance Corp.	175,227	35,233
Xenia Hotels & Resorts Inc.	2,317,730	35,183
Corrections Corp. of America	2,535,142	35,162
^ Government Properties Income Trust	1,534,072	34,701
Argo Group International Holdings Ltd.	614,765	34,685
* HealthEquity Inc.	899,539	34,048
Potlatch Corp.	872,906	33,947
First Midwest Bancorp Inc.	1,751,033	33,900
Financial Engines Inc.	1,132,327	33,641
Sabra Health Care REIT Inc.	1,335,276	33,622
Northwest Bancshares Inc.	2,094,160	32,899
* PRA Group Inc.	948,882	32,774
Pennsylvania REIT	1,421,637	32,740
Mercury General Corp.	594,783	32,624
New York REIT Inc.	3,560,044	32,574
Kemper Corp.	826,174	32,485
* Eagle Bancorp Inc.	650,974	32,113
Ramco-Gershenson Properties Trust	1,707,350	31,996
American Equity Investment Life Holding Co.	1,796,238	31,847
Horace Mann Educators Corp.	866,458	31,756
* Enstar Group Ltd.	192,671	31,689
^ Colony Starwood Homes	1,093,702	31,389
Waddell & Reed Financial Inc. Class A	1,690,532	30,700
Parkway Properties Inc.	1,804,054	30,687
NBT Bancorp Inc.	925,173	30,410
* FCB Financial Holdings Inc. Class A	774,327	29,757
Global Net Lease Inc.	3,636,590	29,675
Chesapeake Lodging Trust	1,293,151	29,613
BOK Financial Corp.	428,151	29,530
WesBanco Inc.	893,856	29,390
Independent Bank Corp.	538,164	29,109
Astoria Financial Corp.	1,967,407	28,724
Banner Corp.	652,591	28,544
CYS Investments Inc.	3,267,929	28,496
First Financial Bancorp	1,266,432	27,659
LegacyTexas Financial Group Inc.	871,453	27,564
Franklin Street Properties Corp.	2,176,796	27,428
Provident Financial Services Inc.	1,285,000	27,281

Park National Corp.	280,886	26,965
Westamerica Bancorporation	525,228	26,724
Navigators Group Inc.	266,295	25,809
WisdomTree Investments Inc.	2,497,819	25,703
Kearny Financial Corp.	1,813,470	24,681
[^] Seritage Growth Properties Class A	486,659	24,664
Tompkins Financial Corp.	307,215	23,474
Redwood Trust Inc.	1,657,221	23,466

Artisan Partners Asset Management Inc. Class A	857,194	23,316
NRG Yield Inc.	1,351,528	22,922
National General Holdings Corp.	1,025,913	22,816
Beneficial Bancorp Inc.	1,498,326	22,040
TFS Financial Corp.	1,235,446	22,003
* MBIA Inc.	2,809,592	21,887
Boston Private Financial Holdings Inc.	1,700,874	21,822
HFF Inc. Class A	780,741	21,619
PennyMac Mortgage Investment Trust	1,386,976	21,609
* Black Knight Financial Services Inc. Class A	522,154	21,356
Safety Insurance Group Inc.	310,268	20,856
S&T Bancorp Inc.	715,005	20,728
* Green Dot Corp. Class A	892,661	20,585
New Senior Investment Group Inc.	1,768,340	20,407
* KCG Holdings Inc. Class A	1,303,462	20,243
Employers Holdings Inc.	665,467	19,851
Capstead Mortgage Corp.	2,067,027	19,492
First Commonwealth Financial Corp.	1,917,588	19,348
* St. Joe Co.	1,040,221	19,119
Cohen & Steers Inc.	445,465	19,044
Nelnet Inc. Class A	467,043	18,855
Infinity Property & Casualty Corp.	226,487	18,715
CareTrust REIT Inc.	1,250,552	18,483
Alexander's Inc.	43,991	18,459
United Fire Group Inc.	434,927	18,406
FelCor Lodging Trust Inc.	2,852,550	18,342
ARMOUR Residential REIT Inc.	792,362	17,860
Berkshire Hills Bancorp Inc.	638,982	17,706
Brookline Bancorp Inc.	1,436,458	17,510
* FNFV Group	1,392,691	17,381
State Bank Financial Corp.	753,899	17,204
American Capital Mortgage Investment Corp.	986,339	16,955
Saul Centers Inc.	253,546	16,886
Universal Health Realty Income Trust	262,288	16,529
Maiden Holdings Ltd.	1,277,640	16,213
Central Pacific Financial Corp.	637,489	16,058
Capital Bank Financial Corp.	488,508	15,686
Hersha Hospitality Trust Class A	870,362	15,684
* iStar Inc.	1,459,038	15,655
Investors Real Estate Trust	2,610,424	15,532
City Holding Co.	308,029	15,491
* Walker & Dunlop Inc.	599,879	15,153
* Piper Jaffray Cos.	312,191	15,079
Simmons First National Corp. Class A	294,945	14,718
United Community Banks Inc.	682,686	14,350
Northfield Bancorp Inc.	883,114	14,218
* Santander Consumer USA Holdings Inc.	1,155,668	14,053
* Third Point Reinsurance Ltd.	1,148,075	13,777
*,^ BofI Holding Inc.	614,465	13,764

InfraREIT Inc.	756,489	13,723
FBL Financial Group Inc. Class A	213,171	13,637
* First BanCorp	2,560,357	13,314
Oritani Financial Corp.	826,806	12,997
Getty Realty Corp.	542,277	12,977
* Greenlight Capital Re Ltd. Class A	631,207	12,902
Urstadt Biddle Properties Inc. Class A	578,786	12,861
Greenhill & Co. Inc.	544,509	12,834

National Bank Holdings Corp. Class A	544,614	12,728
NRG Yield Inc. Class A	748,072	12,209
Virtus Investment Partners Inc.	124,510	12,185
* First Hawaiian Inc.	452,417	12,152
Silver Bay Realty Trust Corp.	689,938	12,095
BancFirst Corp.	166,624	12,082
Moelis & Co. Class A	444,753	11,959
* Flagstar Bancorp Inc.	428,556	11,892
Investment Technology Group Inc.	683,199	11,710
Altisource Residential Corp.	1,056,339	11,514
*,^ Encore Capital Group Inc.	492,682	11,076
Ladder Capital Corp.	826,663	10,945
Dime Community Bancshares Inc.	646,795	10,840
First Potomac Realty Trust	1,178,211	10,781
Ashford Hospitality Trust Inc.	1,746,184	10,285
Anworth Mortgage Asset Corp.	2,067,704	10,173
* Ambac Financial Group Inc.	540,170	9,934
National Western Life Group Inc. Class A	47,885	9,834
AG Mortgage Investment Trust Inc.	606,548	9,553
OFG Bancorp	943,137	9,535
*,^ Nationstar Mortgage Holdings Inc.	623,408	9,233
* Marcus & Millichap Inc.	321,375	8,404
* Altisource Portfolio Solutions SA	254,533	8,247
* Forestar Group Inc.	698,865	8,184
Resource Capital Corp.	638,305	8,177
Virtu Financial Inc. Class A	532,860	7,977
* Tejon Ranch Co.	310,473	7,551
State Auto Financial Corp.	313,106	7,455
* Ocwen Financial Corp.	1,982,539	7,276
* PennyMac Financial Services Inc. Class A	426,872	7,261
OneBeacon Insurance Group Ltd. Class A	459,383	6,560
Houlihan Lokey Inc.	260,600	6,528
Ashford Hospitality Prime Inc.	437,609	6,170
^ Fidelity & Guaranty Life	254,714	5,907
Newcastle Investment Corp.	1,286,587	5,828
* EZCORP Inc. Class A	526,844	5,827
RMR Group Inc. Class A	127,331	4,831
* On Deck Capital Inc.	841,589	4,797
* World Acceptance Corp.	93,690	4,595
* MoneyGram International Inc.	573,641	4,073
* NewStar Financial Inc.	411,407	3,995
Associated Capital Group Inc. Class A	92,670	3,286
GAMCO Investors Inc. Class A	89,863	2,558
Urstadt Biddle Properties Inc.	60,433	1,094

16,787,365

Health Care (9.8%)

Teleflex Inc.	947,794	159,277
* DexCom Inc.	1,715,125	150,348
* Align Technology Inc.	1,550,765	145,384
STERIS plc	1,854,506	135,564
* MEDNAX Inc.	2,012,863	133,352
West Pharmaceutical Services Inc.	1,576,454	117,446

* Seattle Genetics Inc.	2,117,645	114,374
* WellCare Health Plans Inc.	952,156	111,488
*, ^ United Therapeutics Corp.	935,899	110,511
* ABIOMED Inc.	833,220	107,135
*, ^ Ionis Pharmaceuticals Inc.	2,604,301	95,422

* Neurocrine Biosciences Inc.	1,868,058	94,598
Bio-Techne Corp.	800,619	87,668
* Charles River Laboratories International Inc.	1,018,413	84,875
* Cepheid	1,569,815	82,714
* Alere Inc.	1,865,059	80,645
* Acadia Healthcare Co. Inc.	1,597,695	79,166
* Amsurg Corp.	1,178,566	79,023
* PAREXEL International Corp.	1,137,217	78,980
Hill-Rom Holdings Inc.	1,266,718	78,511
*,^ OPKO Health Inc.	7,193,799	76,182
HealthSouth Corp.	1,833,954	74,404
* Bio-Rad Laboratories Inc. Class A	444,919	72,882
* NuVasive Inc.	1,079,701	71,973
*,^ TESARO Inc.	717,909	71,963
* Brookdale Senior Living Inc.	3,997,405	69,755
* Catalent Inc.	2,682,211	69,308
*,^ Sarepta Therapeutics Inc.	1,081,105	66,391
*,^ ACADIA Pharmaceuticals Inc.	2,059,765	65,521
* Exelixis Inc.	4,952,381	63,341
* Horizon Pharma plc	3,459,680	62,724
Healthcare Services Group Inc.	1,481,477	58,637
*,^ Intercept Pharmaceuticals Inc.	346,291	56,996
* Masimo Corp.	956,003	56,873
Cantel Medical Corp.	716,974	55,910
* Prestige Brands Holdings Inc.	1,137,149	54,890
* Medicines Co.	1,441,318	54,395
* LifePoint Health Inc.	917,630	54,351
* Wright Medical Group NV	2,213,897	54,307
* Bluebird Bio Inc.	800,576	54,263
*,^ Ultragenyx Pharmaceutical Inc.	763,198	54,141
* Molina Healthcare Inc.	917,847	53,529
* Integra LifeSciences Holdings Corp.	643,116	53,089
* VWR Corp.	1,837,689	52,117
* Akorn Inc.	1,896,998	51,712
*,^ Juno Therapeutics Inc.	1,706,289	51,206
Bruker Corp.	2,257,786	51,139
* ARIAD Pharmaceuticals Inc.	3,729,264	51,054
* Nektar Therapeutics	2,946,184	50,615
* Insulet Corp.	1,232,384	50,454
* INC Research Holdings Inc. Class A	1,093,384	48,743
* Nevro Corp.	460,258	48,046
*,^ Kite Pharma Inc.	853,208	47,660
* Team Health Holdings Inc.	1,435,987	46,756
Owens & Minor Inc.	1,340,884	46,569
* Envision Healthcare Holdings Inc.	2,012,186	44,811
* Ironwood Pharmaceuticals Inc. Class A	2,795,396	44,391
* Endo International plc	2,162,156	43,567
* Neogen Corp.	768,797	43,007
* Radius Health Inc.	789,914	42,726
* Exact Sciences Corp.	2,295,716	42,631
* Ligand Pharmaceuticals Inc.	403,886	41,221
* Penumbra Inc.	534,107	40,587
* HMS Holdings Corp.	1,820,103	40,352
* Puma Biotechnology Inc.	595,953	39,959
* Haemonetics Corp.	1,102,154	39,909
* ICU Medical Inc.	311,849	39,411
* Tenet Healthcare Corp.	1,711,327	38,779

* Impax Laboratories Inc.	1,591,911	37,728
* Agios Pharmaceuticals Inc.	712,434	37,631
* PRA Health Sciences Inc.	656,848	37,118
* Halyard Health Inc.	1,005,477	34,850
* NxStage Medical Inc.	1,387,446	34,672
* Globus Medical Inc.	1,465,946	33,086
*,^ Intrexon Corp.	1,147,830	32,162
* Ophthotech Corp.	688,795	31,774
* Sage Therapeutics Inc.	669,324	30,822
* Myriad Genetics Inc.	1,486,538	30,593
* Select Medical Holdings Corp.	2,261,000	30,523
* Alder Biopharmaceuticals Inc.	915,613	30,005
*,^ Spark Therapeutics Inc.	493,796	29,657
* Surgical Care Affiliates Inc.	606,720	29,584
* Amedisys Inc.	612,790	29,071
* Magellan Health Inc.	529,008	28,424
* Halozyme Therapeutics Inc.	2,323,492	28,068
*,^ Theravance Biopharma Inc.	772,489	27,995
*,^ Community Health Systems Inc.	2,332,229	26,914
* Pacira Pharmaceuticals Inc.	763,354	26,122
*,^ Clovis Oncology Inc.	703,648	25,367
Abaxis Inc.	463,575	23,930
Analogic Corp.	267,485	23,699
* Portola Pharmaceuticals Inc.	1,034,114	23,485
*,^ Air Methods Corp.	744,531	23,445
* Emergent BioSolutions Inc.	739,026	23,301
*,^ Cempira Inc.	950,226	22,995
* FibroGen Inc.	1,079,515	22,346
* Merit Medical Systems Inc.	906,872	22,028
CONMED Corp.	537,890	21,548
*,^ Endologix Inc.	1,681,766	21,527
* Acorda Therapeutics Inc.	991,258	20,697
Ensign Group Inc.	1,028,074	20,695
* Achillion Pharmaceuticals Inc.	2,506,295	20,301
*,^ Synergy Pharmaceuticals Inc.	3,676,165	20,256
* Luminex Corp.	840,891	19,105
*,^ Innoviva Inc.	1,680,770	18,472
* AMAG Pharmaceuticals Inc.	744,543	18,249
Kindred Healthcare Inc.	1,748,247	17,867
*,^ Lannett Co. Inc.	671,653	17,846
* Healthways Inc.	669,353	17,711
Meridian Bioscience Inc.	907,468	17,505
*,^ Merrimack Pharmaceuticals Inc.	2,648,720	16,819
* Depomed Inc.	661,975	16,543
*,^ Lexicon Pharmaceuticals Inc.	895,983	16,190
* Momenta Pharmaceuticals Inc.	1,375,208	16,076
* Orthofix International NV	374,494	16,017
* HealthStream Inc.	547,379	15,108
* Glaukos Corp.	355,635	13,422
* Natus Medical Inc.	337,311	13,253
National HealthCare Corp.	196,923	12,995
* Quidel Corp.	559,186	12,352
* LHC Group Inc.	333,337	12,293
*,^ Novavax Inc.	5,850,406	12,169
*,^ Adeptus Health Inc. Class A	282,126	12,146
* Avexis Inc.	290,107	11,955
PDL BioPharma Inc.	3,539,628	11,858

* ^ TherapeuticsMD Inc.	1,696,896	11,556
* Genomic Health Inc.	397,175	11,486
* Amicus Therapeutics Inc.	1,494,954	11,063
* Acceleron Pharma Inc.	302,373	10,943
* Intra-Cellular Therapies Inc. Class A	699,151	10,655
* Accuray Inc.	1,653,956	10,536
* ^ Global Blood Therapeutics Inc.	440,421	10,152
* ^ Teladoc Inc.	536,471	9,823
* Insmed Inc.	665,326	9,661
* Arena Pharmaceuticals Inc.	5,225,122	9,144
* ^ Keryx Biopharmaceuticals Inc.	1,716,812	9,116
* ^ Celldex Therapeutics Inc.	2,144,773	8,665
* ^ Epizyme Inc.	878,161	8,641
* Surgery Partners Inc.	418,698	8,474
Universal American Corp.	1,060,437	8,112
* CorVel Corp.	209,797	8,056
* ^ Novocure Ltd.	913,477	7,801
* ^ Aduro Biotech Inc.	621,828	7,729
Invacare Corp.	655,531	7,322
* ^ Insys Therapeutics Inc.	614,061	7,240
* ^ ZIOPHARM Oncology Inc.	1,275,490	7,181
* ^ ConforMIS Inc.	676,799	6,714
* Spectrum Pharmaceuticals Inc.	1,393,670	6,508
* Aimmune Therapeutics Inc.	413,105	6,197
* Natera Inc.	549,688	6,107
* ^ Editas Medicine Inc.	390,832	5,268
* PTC Therapeutics Inc.	346,828	4,859
* ^ Seres Therapeutics Inc.	387,080	4,757
* ^ NantKwest Inc.	533,999	4,155
* ^ MannKind Corp.	6,665,864	4,133
* ^ American Renal Associates Holdings Inc.	202,706	3,703
* ^ ImmunoGen Inc.	930,967	2,495
* ^ Intellia Therapeutics Inc.	115,097	1,959
* Quorum Health Corp.	298,639	1,872
* Infinity Pharmaceuticals Inc.	664,545	1,037
		6,241,218

Industrials (19.1%)

Broadridge Financial Solutions Inc.	2,545,610	172,567
Packaging Corp. of America	2,028,012	164,796
Valspar Corp.	1,535,599	162,881
AO Smith Corp.	1,595,574	157,627
Huntington Ingalls Industries Inc.	1,007,109	154,511
IDEX Corp.	1,638,728	153,336
* CoStar Group Inc.	701,728	151,945
Jack Henry & Associates Inc.	1,696,991	145,178
Carlisle Cos. Inc.	1,391,418	142,718
Allegion plc	2,064,207	142,245
Lennox International Inc.	888,985	139,597
* HD Supply Holdings Inc.	4,318,253	138,098
PerkinElmer Inc.	2,355,176	132,149
* Spirit AeroSystems Holdings Inc. Class A	2,776,652	123,672
* Keysight Technologies Inc.	3,663,588	116,099
* Berry Plastics Group Inc.	2,617,835	114,792
Sonoco Products Co.	2,158,265	114,021
Nordson Corp.	1,105,149	110,106
Donaldson Co. Inc.	2,866,659	107,012
MDU Resources Group Inc.	4,205,321	106,983

Toro Co.	2,251,580	105,464
AptarGroup Inc.	1,355,215	104,907
Bemis Co. Inc.	2,037,879	103,952
* Old Dominion Freight Line Inc.	1,515,008	103,945
* AECOM	3,306,772	98,310
Orbital ATK Inc.	1,261,067	96,131
Graphic Packaging Holding Co.	6,871,230	96,129
Cognex Corp.	1,741,177	92,039
* WEX Inc.	827,153	89,407
Oshkosh Corp.	1,582,777	88,636
Graco Inc.	1,197,254	88,597
Hexcel Corp.	1,991,977	88,245
* Euronet Worldwide Inc.	1,064,146	87,079
* Quanta Services Inc.	3,100,402	86,780
Booz Allen Hamilton Holding Corp. Class A	2,715,479	85,836
* Genesee & Wyoming Inc. Class A	1,231,043	84,880
Lincoln Electric Holdings Inc.	1,301,795	81,518
Trinity Industries Inc.	3,276,663	79,230
MAXIMUS Inc.	1,395,367	78,922
Curtiss-Wright Corp.	859,835	78,340
Watsco Inc.	554,765	78,166
*,^ XPO Logistics Inc.	2,131,564	78,164
EMCOR Group Inc.	1,309,646	78,081
BWX Technologies Inc.	2,004,674	76,919
^ MSC Industrial Direct Co. Inc. Class A	1,040,206	76,362
Jabil Circuit Inc.	3,492,366	76,203
Eagle Materials Inc.	985,292	76,163
Ryder System Inc.	1,149,876	75,834
* Zebra Technologies Corp.	1,077,922	75,034
* CoreLogic Inc.	1,901,777	74,588
Woodward Inc.	1,189,563	74,324
AGCO Corp.	1,482,475	73,116
* Teledyne Technologies Inc.	671,767	72,504
RR Donnelley & Sons Co.	4,507,521	70,858
National Instruments Corp.	2,488,786	70,682
World Fuel Services Corp.	1,514,762	70,073
Deluxe Corp.	1,048,601	70,068
* Genpact Ltd.	2,900,274	69,462
ITT Inc.	1,926,988	69,063
* Kirby Corp.	1,100,146	68,385
CLARCOR Inc.	1,049,893	68,243
* TransUnion	1,964,476	67,774
Crane Co.	1,069,349	67,380
* Owens-Illinois Inc.	3,484,999	64,089
Belden Inc.	905,665	62,482
Littelfuse Inc.	483,579	62,290
Valmont Industries Inc.	462,170	62,194
Chicago Bridge & Iron Co. NV	2,218,040	62,172
Landstar System Inc.	905,349	61,636
* IPG Photonics Corp.	742,606	61,154

* USG Corp.	2,354,996	60,877
Air Lease Corp. Class A	2,100,661	60,037
Joy Global Inc.	2,110,152	58,536
EnerSys	840,370	58,145
* Colfax Corp.	1,846,234	58,027
* Coherent Inc.	523,583	57,877
* Louisiana-Pacific Corp.	3,056,574	57,555

Regal Beloit Corp.	962,362	57,251
Convergys Corp.	1,855,446	56,443
Terex Corp.	2,218,385	56,369
* WESCO International Inc.	909,737	55,940
* Clean Harbors Inc.	1,112,707	53,388
Timken Co.	1,515,170	53,243
*,^ Cimpres NV	509,696	51,571
* Generac Holdings Inc.	1,416,579	51,422
* Universal Display Corp.	908,993	50,458
Kennametal Inc.	1,714,038	49,741
*,^ Ambarella Inc.	671,143	49,403
* Esterline Technologies Corp.	632,310	48,081
* WageWorks Inc.	786,409	47,900
FLIR Systems Inc.	1,477,679	46,429
KBR Inc.	3,063,527	46,351
Silgan Holdings Inc.	911,786	46,127
ABM Industries Inc.	1,143,507	45,397
* Sanmina Corp.	1,588,082	45,213
* Rexnord Corp.	2,100,012	44,961
Barnes Group Inc.	1,099,694	44,593
Tetra Tech Inc.	1,236,048	43,843
* Itron Inc.	781,243	43,562
* Cardtronics plc Class A	973,941	43,438
Granite Construction Inc.	852,527	42,405
* MasTec Inc.	1,420,660	42,250
John Bean Technologies Corp.	596,331	42,071
* Moog Inc. Class A	700,702	41,720
UniFirst Corp.	315,499	41,602
Mueller Water Products Inc. Class A	3,305,285	41,481
* Masonite International Corp.	659,087	40,975
Universal Forest Products Inc.	414,575	40,832
Vishay Intertechnology Inc.	2,897,312	40,823
G&K Services Inc. Class A	424,232	40,510
* FTI Consulting Inc.	909,053	40,507
* KLX Inc.	1,137,570	40,042
Mueller Industries Inc.	1,232,455	39,956
MSA Safety Inc.	686,670	39,854
HEICO Corp. Class A	657,543	39,788
Knight Transportation Inc.	1,374,704	39,440
* Anixter International Inc.	606,186	39,099
Covanta Holding Corp.	2,532,160	38,970
Watts Water Technologies Inc. Class A	600,809	38,956
Simpson Manufacturing Co. Inc.	886,125	38,945
* Advisory Board Co.	867,325	38,804
^ GATX Corp.	868,438	38,689
HEICO Corp.	553,296	38,288
CEB Inc.	694,343	37,821
* On Assignment Inc.	1,034,580	37,545
Applied Industrial Technologies Inc.	799,790	37,382
* DigitalGlobe Inc.	1,355,513	37,277
* RBC Bearings Inc.	486,043	37,173
* Trex Co. Inc.	632,285	37,128
* Armstrong World Industries Inc.	897,092	37,068

Matson Inc.	923,042	36,811
* Swift Transportation Co.	1,710,120	36,716
AZZ Inc.	557,974	36,419
Brink's Co.	960,822	35,627

Brady Corp. Class A	1,008,647	34,909
Franklin Electric Co. Inc.	846,366	34,456
* ExlService Holdings Inc.	685,819	34,181
* Imperva Inc.	632,223	33,957
* Plexus Corp.	718,284	33,601
* AMN Healthcare Services Inc.	1,036,051	33,019
*,^ Smith & Wesson Holding Corp.	1,207,433	32,106
* NeuStar Inc. Class A	1,173,014	31,190
* Proto Labs Inc.	510,905	30,608
* LifeLock Inc.	1,796,507	30,397
* Summit Materials Inc. Class A	1,629,246	30,223
Triumph Group Inc.	1,067,809	29,771
* MACOM Technology Solutions Holdings Inc.	694,456	29,403
Otter Tail Corp.	835,764	28,909
Mobile Mini Inc.	956,439	28,884
Forward Air Corp.	652,685	28,235
Actuant Corp. Class A	1,203,805	27,976
* Huron Consulting Group Inc.	467,953	27,965
* Hub Group Inc. Class A	685,048	27,923
Apogee Enterprises Inc.	618,097	27,623
* TopBuild Corp.	828,965	27,522
* II-VI Inc.	1,128,558	27,458
Exponent Inc.	530,709	27,098
*,^ Knowles Corp.	1,910,470	26,842
* Benchmark Electronics Inc.	1,061,175	26,476
Methode Electronics Inc.	756,286	26,447
* SPX FLOW Inc.	852,794	26,368
EnPro Industries Inc.	463,830	26,355
Albany International Corp.	619,922	26,272
Insperty Inc.	357,035	25,935
Standex International Corp.	276,281	25,658
Kaman Corp.	582,433	25,580
* OSI Systems Inc.	386,371	25,261
Astec Industries Inc.	420,483	25,174
Greif Inc. Class A	501,784	24,884
AAON Inc.	858,330	24,737
Tennant Co.	380,122	24,632
ESCO Technologies Inc.	527,267	24,476
Cubic Corp.	522,851	24,475
*,^ Navistar International Corp.	1,058,852	24,237
* Rogers Corp.	388,489	23,729
Sturm Ruger & Co. Inc.	409,452	23,650
Comfort Systems USA Inc.	806,140	23,628
Aircastle Ltd.	1,189,564	23,625
* Sykes Enterprises Inc.	831,500	23,390
Korn/Ferry International	1,112,536	23,363
* Atlas Air Worldwide Holdings Inc.	535,594	22,934
EVERTEC Inc.	1,353,028	22,704
AAR Corp.	712,536	22,317
* Paylocity Holding Corp.	494,842	22,001
Werner Enterprises Inc.	931,439	21,675
*,^ Inovalon Holdings Inc. Class A	1,462,888	21,519
* Boise Cascade Co.	836,022	21,235

CIRCOR International Inc.	353,763	21,070
* Navigant Consulting Inc.	1,028,398	20,794
* Meritor Inc.	1,868,276	20,794
* TrueBlue Inc.	915,623	20,748

ManTech International Corp. Class A	540,225	20,361
^ Greenbrier Cos. Inc.	575,958	20,331
Badger Meter Inc.	596,228	19,980
* Wabash National Corp.	1,397,127	19,895
* TriNet Group Inc.	916,007	19,813
* Team Inc.	605,382	19,802
Heartland Express Inc.	983,357	18,566
* Continental Building Products Inc.	879,958	18,470
Primoris Services Corp.	894,670	18,430
* Press Ganey Holdings Inc.	455,879	18,418
Advanced Drainage Systems Inc.	760,798	18,305
* Tutor Perini Corp.	847,723	18,201
* TriMas Corp.	972,112	18,091
* Babcock & Wilcox Enterprises Inc.	1,094,965	18,067
Raven Industries Inc.	783,500	18,044
* Rofin-Sinar Technologies Inc.	549,499	17,683
* TTM Technologies Inc.	1,514,872	17,345
* Veeco Instruments Inc.	877,063	17,217
Harsco Corp.	1,726,318	17,142
* PHH Corp.	1,155,320	16,694
MTS Systems Corp.	360,029	16,572
Essendant Inc.	801,917	16,455
Quad/Graphics Inc.	614,819	16,428
* SPX Corp.	808,732	16,288
^ Lindsay Corp.	219,708	16,254
Sun Hydraulics Corp.	491,211	15,851
* Air Transport Services Group Inc.	1,102,516	15,821
* Wesco Aircraft Holdings Inc.	1,169,345	15,704
Encore Wire Corp.	425,269	15,637
Altra Industrial Motion Corp.	532,657	15,431
* TASER International Inc.	534,399	15,289
General Cable Corp.	1,010,408	15,136
McGrath RentCorp	464,655	14,734
* Integer Holdings Corp.	665,121	14,427
* Aegion Corp. Class A	720,933	13,748
* Thermon Group Holdings Inc.	696,010	13,746
* Overseas Shipholding Group Inc. Class A	1,273,700	13,463
Materion Corp.	429,774	13,198
* Evolent Health Inc. Class A	528,272	13,006
* FARO Technologies Inc.	359,612	12,928
Griffon Corp.	752,855	12,806
* Headwaters Inc.	754,310	12,763
Quanex Building Products Corp.	736,905	12,719
Manitowoc Co. Inc.	2,647,108	12,680
Triton International Ltd.	948,095	12,505
AVX Corp.	902,259	12,442
Kelly Services Inc. Class A	634,810	12,201
H&E Equipment Services Inc.	691,474	11,589
Schnitzer Steel Industries Inc.	538,854	11,262
Resources Connection Inc.	752,799	11,247
* RPX Corp.	1,046,085	11,183
* Aerovironment Inc.	453,346	11,066
Kforce Inc.	536,135	10,985
* Builders FirstSource Inc.	888,288	10,224
* Bazaarvoice Inc.	1,670,298	9,871
* Cotiviti Holdings Inc.	288,822	9,684
* Multi Packaging Solutions International Ltd.	666,915	9,610

Hyster-Yale Materials Handling Inc.	159,480	9,590
* Armstrong Flooring Inc.	505,738	9,548
ArcBest Corp.	497,043	9,454
* InnerWorkings Inc.	993,446	9,358
Gorman-Rupp Co.	363,357	9,306
Landauer Inc.	208,224	9,262
Greif Inc. Class B	146,266	8,862
TeleTech Holdings Inc.	302,356	8,765
* DHI Group Inc.	1,060,393	8,367
* Astronics Corp.	183,780	8,279
* Mistras Group Inc.	341,408	8,013
* TimkenSteel Corp.	712,839	7,449
Park Electrochemical Corp.	410,040	7,122
American Railcar Industries Inc.	168,646	6,994
* Ply Gem Holdings Inc.	440,268	5,882
* Milacron Holdings Corp.	361,582	5,771
* Roadrunner Transportation Systems Inc.	657,643	5,248
* Atkore International Group Inc.	266,737	4,999
* GMS Inc.	174,861	3,887
Textainer Group Holdings Ltd.	481,105	3,604
* Monster Worldwide Inc.	890,801	3,216
* Astronics Corp. Class B	25,198	1,139
* RR Donnelley & Sons Co. (NYSE)	3,504	55

12,087,672

Oil & Gas (4.8%)

* Newfield Exploration Co.	4,274,356	185,763
Targa Resources Corp.	3,405,388	167,239
* Diamondback Energy Inc.	1,679,646	162,153
* Southwestern Energy Co.	10,620,879	146,993
* Parsley Energy Inc. Class A	3,459,216	115,918
QEP Resources Inc.	5,160,084	100,776
* WPX Energy Inc.	7,407,872	97,710
*,^ Chesapeake Energy Corp.	15,057,667	94,412
* Rice Energy Inc.	3,386,026	88,409
*,^ Transocean Ltd.	7,463,581	79,562
* PDC Energy Inc.	1,183,751	79,382
* Gulfport Energy Corp.	2,695,597	76,151
Nabors Industries Ltd.	5,788,314	70,386
SM Energy Co.	1,816,135	70,066
Patterson-UTI Energy Inc.	3,017,698	67,506
*,^ First Solar Inc.	1,650,678	65,185
Energen Corp.	1,043,605	60,237
Superior Energy Services Inc.	3,262,892	58,406
Oceaneering International Inc.	2,108,522	58,005
EnSCO plc Class A	6,496,772	55,223
* RSP Permian Inc.	1,420,670	55,094
Murphy Oil Corp.	1,758,754	53,466
* Whiting Petroleum Corp.	5,921,342	51,753
* Carrizo Oil & Gas Inc.	1,205,319	48,960
PBF Energy Inc. Class A	2,104,474	47,645
* NOW Inc.	2,195,039	47,040
Western Refining Inc.	1,748,533	46,266
* Dril-Quip Inc.	807,384	45,004
* Matador Resources Co.	1,805,664	43,950
* Oasis Petroleum Inc.	3,697,365	42,409
Rowan Cos. plc Class A	2,704,192	40,996

SemGroup Corp. Class A

1,135,640

40,156



* Laredo Petroleum Inc.	3,103,161	40,031
* Oil States International Inc.	1,105,885	34,913
Pattern Energy Group Inc. Class A	1,488,928	33,486
Noble Corp. plc	5,239,011	33,215
* MRC Global Inc.	1,974,553	32,442
*,^ Denbury Resources Inc.	8,564,559	27,663
* Callon Petroleum Co.	1,689,396	26,523
* McDermott International Inc.	5,184,445	25,974
* Forum Energy Technologies Inc.	1,279,132	25,404
Diamond Offshore Drilling Inc.	1,329,468	23,412
* Chart Industries Inc.	660,620	21,688
Delek US Holdings Inc.	1,196,350	20,685
* Unit Corp.	1,107,653	20,602
*,^ SEACOR Holdings Inc.	335,958	19,986
*,^ RPC Inc.	1,174,842	19,737
Archrock Inc.	1,430,355	18,709
* Helix Energy Solutions Group Inc.	2,170,776	17,648
*,^ Flotek Industries Inc.	1,151,536	16,743
* Newpark Resources Inc.	1,716,048	12,630
^ Atwood Oceanics Inc.	1,328,284	11,543
* TETRA Technologies Inc.	1,886,385	11,526
*,^ SunPower Corp. Class A	1,197,731	10,684
* Exterran Corp.	678,964	10,646
Green Plains Inc.	388,687	10,184
* Cobalt International Energy Inc.	7,553,437	9,366
Tesco Corp.	937,530	7,650
Bristow Group Inc.	486,131	6,816
Alon USA Energy Inc.	694,221	5,595
*,^ Sanchez Energy Corp.	602,673	5,328
^ CVR Energy Inc.	377,908	5,204
^ CARBO Ceramics Inc.	403,503	4,414
* Clayton Williams Energy Inc.	51,496	4,400
*,^ EP Energy Corp. Class A	810,857	3,552
* Bill Barrett Corp.	610,334	3,393
* Eclipse Resources Corp.	827,056	2,721
* Hornbeck Offshore Services Inc.	398,153	2,190
* EXCO Resources Inc.	1,794,120	1,920
		3,050,844
Other (0.0%)2		
* Dyax Corp CVR Expire 12/31/2019	2,940,655	3,264
* Leap Wireless International Inc CVR	938,827	2,366
* Clinical Data CVR	297,875	—
		5,630
Technology (12.1%)		
CDW Corp.	3,513,531	160,674
* Cadence Design Systems Inc.	6,289,152	160,562
Leidos Holdings Inc.	2,900,056	125,514
* Ultimate Software Group Inc.	591,867	120,972
* Tyler Technologies Inc.	704,248	120,588
SS&C Technologies Holdings Inc.	3,679,510	118,296
* ARRIS International plc	4,104,922	116,292
Ingram Micro Inc.	3,222,417	114,911
* Advanced Micro Devices Inc.	16,391,034	113,262
* CommScope Holding Co. Inc.	3,729,660	112,300
* Fortinet Inc.	3,024,459	111,693
* ON Semiconductor Corp.	8,947,860	110,238

* PTC Inc.	2,475,540	109,691
* athenahealth Inc.	847,005	106,824
* Microsemi Corp.	2,436,598	102,288
IAC/InterActiveCorp	1,589,109	99,272
CSRA Inc.	3,523,897	94,793
Teradyne Inc.	4,355,711	93,996
* Guidewire Software Inc.	1,561,870	93,681
Brocade Communications Systems Inc.	10,064,041	92,891
* Manhattan Associates Inc.	1,540,398	88,758
* Teradata Corp.	2,803,786	86,917
* NCR Corp.	2,661,914	85,687
DST Systems Inc.	701,438	82,714
Fair Isaac Corp.	663,523	82,668
* Aspen Technology Inc.	1,716,854	80,332
Computer Sciences Corp.	1,509,715	78,822
Cypress Semiconductor Corp.	6,368,067	77,436
* Veeva Systems Inc. Class A	1,872,642	77,303
* Arista Networks Inc.	893,363	76,007
SYNNEX Corp.	641,136	73,160
* Rackspace Hosting Inc.	2,299,266	72,864
Pitney Bowes Inc.	3,989,642	72,452
* EPAM Systems Inc.	1,041,242	72,168
* Cirrus Logic Inc.	1,343,428	71,403
* ViaSat Inc.	955,042	71,294
* Ellie Mae Inc.	673,108	70,878
* Finisar Corp.	2,368,423	70,579
* Cavium Inc.	1,182,655	68,831
Blackbaud Inc.	1,022,981	67,865
* Tableau Software Inc. Class A	1,224,549	67,681
* Medidata Solutions Inc.	1,174,411	65,485
j2 Global Inc.	980,361	65,302
* Ciena Corp.	2,969,701	64,739
* Proofpoint Inc.	858,655	64,270
* Tech Data Corp.	756,939	64,120
Intersil Corp. Class A	2,914,752	63,921
* Integrated Device Technology Inc.	2,743,785	63,381
Monolithic Power Systems Inc.	783,637	63,083
Mentor Graphics Corp.	2,300,346	60,821
InterDigital Inc.	736,539	58,334
MKS Instruments Inc.	1,153,176	57,347
Science Applications International Corp.	819,357	56,839
* Cree Inc.	2,171,481	55,851
* Zendesk Inc.	1,815,374	55,750
* NetScout Systems Inc.	1,879,051	54,962
* Entegris Inc.	3,035,283	52,875
* Allscripts Healthcare Solutions Inc.	4,011,431	52,831
* CACI International Inc. Class A	523,086	52,779
* Dycom Industries Inc.	640,406	52,372
Lexmark International Inc. Class A	1,283,482	51,288
* Fleetmatics Group plc	843,886	50,616
* Verint Systems Inc.	1,337,513	50,331
* Silicon Laboratories Inc.	849,730	49,964
* Cornerstone OnDemand Inc.	1,082,375	49,735
* Electronics For Imaging Inc.	1,004,780	49,154
* ACI Worldwide Inc.	2,524,415	48,923
* TiVo Corp.	2,507,851	48,853
*,^ Paycom Software Inc.	965,840	48,418

* FireEye Inc.	3,283,533	48,366
* Lumentum Holdings Inc.	1,147,155	47,917
LogMeIn Inc.	516,955	46,728
* Synaptics Inc.	791,533	46,368
* CommVault Systems Inc.	860,436	45,715
* Nuance Communications Inc.	3,006,855	43,599
*, ^ 3D Systems Corp.	2,293,503	41,168
* NETGEAR Inc.	670,970	40,587
* Advanced Energy Industries Inc.	852,161	40,324
Tessera Technologies Inc.	1,044,255	40,141
* HubSpot Inc.	684,217	39,425
* Semtech Corp.	1,407,212	39,022
* VeriFone Systems Inc.	2,377,023	37,414
* Gigamon Inc.	682,724	37,413
Plantronics Inc.	717,352	37,274
Power Integrations Inc.	590,558	37,223
* Viavi Solutions Inc.	5,008,256	37,011
Diebold Inc.	1,452,320	36,003
* Synchronoss Technologies Inc.	873,055	35,952
* GoDaddy Inc. Class A	997,586	34,447
* Inphi Corp.	789,565	34,354
* MicroStrategy Inc. Class A	202,211	33,858
* 2U Inc.	858,993	32,891
Cogent Communications Holdings Inc.	882,995	32,503
* Envestnet Inc.	875,168	31,900
NIC Inc.	1,347,899	31,676
* EchoStar Corp. Class A	694,011	30,419
* Syntel Inc.	723,387	30,317
* BroadSoft Inc.	641,184	29,847
* Rambus Inc.	2,370,692	29,634
* Infoblox Inc.	1,101,129	29,037
* RealPage Inc.	1,124,908	28,910
*, ^ Ubiquiti Networks Inc.	527,361	28,214
*, ^ Square Inc.	2,394,689	27,922
^ Ebix Inc.	490,415	27,880
* Infinera Corp.	3,086,631	27,872
* RingCentral Inc. Class A	1,160,238	27,451
CSG Systems International Inc.	663,880	27,438
* Progress Software Corp.	993,459	27,022
*, ^ Shutterstock Inc.	414,846	26,426
Cabot Microelectronics Corp.	492,232	26,044
* Insight Enterprises Inc.	764,741	24,892
* New Relic Inc.	640,804	24,556
West Corp.	1,068,755	23,598
* Interactive Intelligence Group Inc.	382,639	23,012
Pegasystems Inc.	742,199	21,887
* Cray Inc.	878,113	20,671
ADTRAN Inc.	1,057,576	20,242
* ScanSource Inc.	553,251	20,194
* Mercury Systems Inc.	821,725	20,190
* Ixia	1,587,833	19,848
* Super Micro Computer Inc.	836,966	19,560
* Bottomline Technologies de Inc.	838,568	19,547
Monotype Imaging Holdings Inc.	879,106	19,437
Brooks Automation Inc.	1,405,823	19,133
* Web.com Group Inc.	1,042,889	18,011
* Amkor Technology Inc.	1,796,426	17,461

* Diodes Inc.	790,869	16,877
* FormFactor Inc.	1,524,314	16,539
*,^ Gogo Inc.	1,483,388	16,377
*,^ Twilio Inc.	251,833	16,208
*,^ Pure Storage Inc. Class A	1,189,034	16,111
* CEVA Inc.	449,048	15,748
* Lattice Semiconductor Corp.	2,338,588	15,177
*,^ Match Group Inc.	851,370	15,146
* InvenSense Inc.	1,806,512	13,404
* Cvent Inc.	412,241	13,072
* Barracuda Networks Inc.	506,850	12,915
* Benefitfocus Inc.	320,253	12,785
Quality Systems Inc.	1,121,085	12,691
* Ultratech Inc.	548,761	12,665
* Nimble Storage Inc.	1,366,982	12,070
* Endurance International Group Holdings Inc.	1,373,306	12,016
*,^ Acacia Communications Inc.	116,015	11,982
* Applied Micro Circuits Corp.	1,649,024	11,461
*,^ Box Inc.	726,914	11,456
Epiq Systems Inc.	660,121	10,885
* Loral Space & Communications Inc.	276,726	10,823
* Intralinks Holdings Inc.	1,059,061	10,654
* Unisys Corp.	1,075,498	10,475
* Actua Corp.	763,581	9,888
* CommerceHub Inc.	616,329	9,806
* LivePerson Inc.	1,113,151	9,362
* Blucora Inc.	799,110	8,950
Forrester Research Inc.	213,437	8,303
* Sonus Networks Inc.	1,021,167	7,945
* Virtusa Corp.	288,638	7,124
*,^ Hortonworks Inc.	817,099	6,823
* Calix Inc.	894,395	6,574
* Rapid7 Inc.	357,483	6,310
Comtech Telecommunications Corp.	474,924	6,084
Computer Programs & Systems Inc.	233,099	6,075
* Tangoe Inc.	717,198	5,917
* Harmonic Inc.	844,685	5,009
* Jive Software Inc.	1,149,297	4,896
* CommerceHub Inc. Class A	287,663	4,545
* ChannelAdvisor Corp.	242,301	3,133
*,^ Castlight Health Inc. Class B	596,765	2,483
Systemax Inc.	272,410	2,157
* SecureWorks Corp. Class A	168,860	2,112
* MobileIron Inc.	506,418	1,393
* Nutanix Inc.	10,425	386
* Piksel Inc.	241	—
		7,645,664

Telecommunications (0.4%)

Telephone & Data Systems Inc.	1,979,553	53,804
Consolidated Communications Holdings Inc.	1,038,331	26,208
* Vonage Holdings Corp.	3,953,460	26,132
^ Windstream Holdings Inc.	2,074,831	20,852
* Cincinnati Bell Inc.	4,535,065	18,503
ATN International Inc.	226,820	14,753
*,^ Iridium Communications Inc.	1,740,852	14,118
EarthLink Holdings Corp.	2,272,004	14,087
Shenandoah Telecommunications Co.	502,323	13,668

*,^ Globalstar Inc.	9,120,942	11,036
* United States Cellular Corp.	277,872	10,098
*,^ Intelsat SA	399,313	1,082
		224,341

Utilities (4.0%)

Westar Energy Inc. Class A	3,050,460	173,114
UGI Corp.	3,728,536	168,679
Atmos Energy Corp.	2,235,043	166,444
ITC Holdings Corp.	3,301,161	153,438
Great Plains Energy Inc.	4,460,520	121,728
Aqua America Inc.	3,817,782	116,366
Piedmont Natural Gas Co. Inc.	1,747,555	104,923
National Fuel Gas Co.	1,738,799	94,017
Vectren Corp.	1,783,124	89,513
IDACORP Inc.	1,085,182	84,948
Portland General Electric Co.	1,915,196	81,568
NRG Energy Inc.	6,778,907	75,992
ONE Gas Inc.	1,125,331	69,590
Hawaiian Electric Industries Inc.	2,326,445	69,444
Black Hills Corp.	1,125,073	68,877
WGL Holdings Inc.	1,097,661	68,823
Southwest Gas Corp.	969,628	67,738
ALLETE Inc.	1,062,401	63,340
New Jersey Resources Corp.	1,855,330	60,966
NorthWestern Corp.	1,040,858	59,881
Spire Inc.	931,988	59,405
Avista Corp.	1,369,127	57,216
PNM Resources Inc.	1,712,517	56,034
South Jersey Industries Inc.	1,712,468	50,603
MGE Energy Inc.	747,857	42,261
Ormat Technologies Inc.	853,952	41,340
El Paso Electric Co.	873,220	40,840
Northwest Natural Gas Co.	592,128	35,593
California Water Service Group	1,033,350	33,160
Empire District Electric Co.	949,059	32,401
American States Water Co.	787,521	31,540
* Dynegy Inc.	2,525,579	31,292
TerraForm Power Inc. Class A	1,869,348	26,003
* Talen Energy Corp.	1,797,965	24,902
*,^ Sunrun Inc.	1,558,039	9,816
*,^ Vivint Solar Inc.	452,678	1,430
		2,533,225

Total Common Stocks (Cost \$50,326,380)	63,085,707
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Coupon

Temporary Cash Investments (1.7%)¹

Money Market Fund (1.7%)				
3,4 Vanguard Market Liquidity Fund	0.640%		10,477,890	1,047,894
			Face	
		Maturity	Amount	
		Date	(\$000)	
U.S. Government and Agency Obligations (0.0%)				
5,6 Federal Home Loan Bank Discount Notes	0.379%	10/21/16	200	200
6 United States Treasury Bill	0.318%	12/1/16	1,000	1,000
6 United States Treasury Bill	0.275%-0.312%	12/8/16	8,000	7,997
6 United States Treasury Bill	0.300%	12/22/16	700	700

6 United States Treasury Bill	0.255%-0.257%	12/29/16	1,000	999
				10,896
Total Temporary Cash Investments (Cost \$1,058,699)				1,058,790
Total Investments (101.3%) (Cost \$51,385,079)				64,144,497
Other Assets and Liabilities-Net (-1.3%)				
4,6				(799,174)
Net Assets (100%)				63,345,323

* Non-income-producing security.

^ Includes partial security positions on loan to broker-dealers. The total value of securities on loan is \$784,082,000.

1 The fund invests a portion of its cash reserves in equity markets through the use of index futures contracts and swap contracts. After giving effect to futures and swap investments, the fund's effective common stock and temporary cash investment positions represent 100.1% and 1.2%, respectively, of net assets.

2 "Other" represents securities that are not classified by the fund's benchmark index.

3 Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.

4 Includes \$817,262,000 of collateral received for securities on loan.

5 The issuer operates under a congressional charter; its securities are generally neither guaranteed by the U.S. Treasury nor backed by the full faith and credit of the U.S. government.

6 Securities with a value of \$10,296,000 and cash of \$944,000 have been segregated as initial margin for open futures contracts.

CVR—Contingent Value Rights.

REIT—Real Estate Investment Trust.

A. Security Valuation: Securities are valued as of the close of trading on the New York Stock Exchange (generally 4 p.m., Eastern time) on the valuation date. Equity securities are valued at the latest quoted sales prices or official closing prices taken from the primary market in which each security trades; such securities not traded on the valuation date are valued at the mean of the latest quoted bid and asked prices. Securities for which market quotations are not readily available, or whose values have been materially affected by events occurring before the fund's pricing time but after the close of the securities' primary markets, are valued by methods deemed by the board of trustees to represent fair value. Investments in Vanguard Market Liquidity Fund are valued at that fund's net asset value. Temporary cash investments acquired over 60 days to maturity are valued using the latest bid prices or using valuations based on a matrix system (which considers such factors as security prices, yields, maturities, and ratings), both as furnished by independent pricing services. Other temporary cash investments are valued at amortized cost, which approximates market value.

B. Various inputs may be used to determine the value of the fund's investments. These inputs are summarized in three broad levels for financial statement purposes. The inputs or methodologies used to value securities are not necessarily an indication of the risk associated with investing in those securities.

Level 1—Quoted prices in active markets for identical securities.

Level 2—Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3—Significant unobservable inputs (including the fund's own assumptions used to determine the fair value of investments).

The following table summarizes the market value of the fund's investments as of September 30, 2016, based on the inputs used to value them:

Small-Cap Index Fund

	Level 1 (\$000)	Level 2 (\$000)	Level 3 (\$000)
Investments			
Common Stocks	63,080,077	—	5,630
Temporary Cash Investments	1,047,894	10,896	—
Futures Contracts—Assets ¹	2,348	—	—
Swap Contracts—Assets	—	677	—
Total	64,130,319	11,573	5,630

1 Represents variation margin on the last day of the reporting period.

C. Futures Contracts: The fund uses index futures contracts to a limited extent, with the objectives of maintaining full exposure to the stock market, enhancing returns, maintaining liquidity, and minimizing transaction costs. The fund may purchase futures contracts to immediately invest incoming cash in the market, or sell futures in response to cash outflows, thereby simulating a fully invested position in the underlying index while maintaining a cash balance for liquidity. The fund may seek to enhance returns by using futures contracts instead of the underlying securities when futures are believed to be priced more attractively than the underlying securities. The primary risks associated with the use of futures contracts are imperfect correlation between changes in market values of stocks held by the fund and the prices of futures contracts, and the possibility of an illiquid market. Counterparty risk involving futures is mitigated because a regulated clearinghouse is the counterparty instead of the clearing broker. To further mitigate counterparty risk, the fund trades futures contracts on an exchange, monitors the financial strength of its clearing brokers and clearinghouse, and has entered into clearing agreements with its clearing brokers. The clearinghouse imposes initial margin requirements to secure the fund's performance and requires daily settlement of variation margin representing changes in the market value of each contract.

Futures contracts are valued at their quoted daily settlement prices. The aggregate settlement values of the contracts are not recorded in the Schedule of Investments. Fluctuations in the value of the contracts are recorded as an asset (liability).

At September 30, 2016, the aggregate settlement value of open futures contracts and the related unrealized appreciation (depreciation) were:

		(\$000)		
		Number of	Aggregate	Unrealized
		Long (Short)	Settlement	Appreciation
		Contracts	Value Long	(Depreciation)
Futures Contracts	Expiration		(Short)	
E-mini Russell 2000 Index	December 2016	1,026	128,076	3,251
E-mini S&P Mid-Cap 400 Index	December 2016	820	127,067	1,176
				4,427

Unrealized appreciation (depreciation) on open futures contracts is required to be treated as realized gain (loss) for tax purposes.

D. Swap Contracts: The fund has entered into equity swap contracts to earn the total return on selected reference stocks in the fund's target index. Under the terms of the swaps, the fund receives the total return on the referenced stock (i.e., receiving the increase or paying the decrease in value of the selected reference stock and receiving the equivalent of any dividends in respect of the selected referenced stock) over a specified period of time, applied to a notional amount that

Small-Cap Index Fund

represents the value of a designated number of shares of the selected reference stock at the beginning of the equity swap contract. The fund also pays a floating rate that is based on short-term interest rates, applied to the notional amount. At the same time, the fund invests an amount approximating the notional amount of the swap in high-quality temporary cash investments.

The notional amounts of swap contracts are not recorded in the Schedule of Investments. Swaps are valued daily based on market quotations received from independent pricing services or recognized dealers and the change in value is recorded as unrealized appreciation (depreciation) until termination of the swap, at which time realized gain (loss) is recorded. A risk associated with all types of swaps is the possibility that a counterparty may default on its obligation to pay net amounts due to the fund. The fund's maximum amount subject to counterparty risk is the unrealized appreciation on the swap contract. The fund mitigates its counterparty risk by entering into swaps only with a diverse group of prequalified counterparties, monitoring their financial strength, entering into master netting arrangements with its counterparties, and requiring its counterparties to transfer collateral as security for their performance. In the absence of a default, the collateral pledged or received by the fund cannot be repledged, resold or rehypothecated. In the event of a counterparty's default (including bankruptcy), the fund may terminate any swap contracts with that counterparty, determine the net amount owed by either party in accordance with its master netting arrangements, and sell or retain any collateral held up to the net amount owed to the fund under the master netting arrangements. The swap contracts contain provisions whereby a counterparty may terminate open contracts if the fund's net assets decline below a certain level, triggering a payment by the fund if the fund is in a net liability position at the time of the termination. The payment amount would be reduced by any collateral the fund has pledged. Any securities pledged as collateral for open contracts are noted in the Schedule of Investments. The value of collateral received or pledged is compared daily to the value of the swap contracts exposure with each counterparty, and any difference, if in excess of a specified minimum transfer amount, is adjusted and settled within two business days.

At September 30, 2016, the fund had the following open total return swap contracts:

Reference Entity	Termination Date	Counterparty	Notional Amount (\$000)	Floating Interest Rate Received (Paid)	Unrealized Appreciation (Depreciation) (\$000)
Ambac Financial Group Inc.	10/6/16	GSCM	6,014	(0.913%)	33
Ambac Financial Group Inc.	10/6/16	GSCM	609	(0.936%)	16
Ambac Financial Group Inc.	10/6/16	GSCM	609	(0.932%)	16
Ambac Financial Group Inc.	10/6/16	GSCM	606	(0.931%)	18
SLM Corp.	11/23/16	GSI	25,769	(0.943%)	594
					677

GSCM—Goldman Sachs Capital Management.

GSI—Goldman Sachs International.

E. At September 30, 2016, the cost of investment securities for tax purposes was \$51,392,863,000. Net unrealized appreciation of investment securities for tax purposes was \$12,751,634,000, consisting of unrealized gains of \$16,148,083,000 on securities that had risen in value since their purchase and \$3,396,449,000 in unrealized losses on securities that had fallen in value since their purchase.

Vanguard Small-Cap Value Index Fund

Schedule of Investments (unaudited)

As of September 30, 2016

	Shares	Market Value (\$000)
Common Stocks (99.7%)¹		
Basic Materials (5.2%)		
RPM International Inc.	1,763,065	94,712
Steel Dynamics Inc.	3,058,278	76,426
Scotts Miracle-Gro Co. Class A	600,526	50,006
Sensient Technologies Corp.	591,414	44,829
Olin Corp.	2,182,877	44,793

Huntsman Corp.	2,675,464	43,530
United States Steel Corp.	2,188,816	41,281
CONSOL Energy Inc.	2,123,026	40,762
Cabot Corp.	742,145	38,896
Chemours Co.	2,400,247	38,404
PolyOne Corp.	1,110,991	37,563
^ Compass Minerals International Inc.	446,843	32,932
HB Fuller Co.	665,694	30,935
Domtar Corp.	827,866	30,739
Worthington Industries Inc.	584,355	28,067
* Chemtura Corp.	836,177	27,435
* GCP Applied Technologies Inc.	938,325	26,573
^ Allegheny Technologies Inc.	1,441,081	26,040
Carpenter Technology Corp.	616,800	25,449
Commercial Metals Co.	1,516,812	24,557
* Univar Inc.	910,475	19,894
Kaiser Aluminum Corp.	225,342	19,490
Stepan Co.	265,931	19,323
Innospec Inc.	300,146	18,252
Quaker Chemical Corp.	165,888	17,572
Minerals Technologies Inc.	229,941	16,255
^, * Cliffs Natural Resources Inc.	2,713,002	15,871
* AK Steel Holding Corp.	3,145,826	15,194
Hecla Mining Co.	2,558,994	14,586
* Clearwater Paper Corp.	223,939	14,482
* Kraton Corp.	408,633	14,318
* Ingevity Corp.	278,904	12,857
PH Glatfelter Co.	577,057	12,511
A Schulman Inc.	370,703	10,795
Innophos Holdings Inc.	242,673	9,472
* Koppers Holdings Inc.	257,922	8,300
Tronox Ltd. Class A	812,606	7,614
Rayonier Advanced Materials Inc.	568,804	7,605
* Ferro Corp.	547,027	7,554
Tredegar Corp.	372,569	6,926
Haynes International Inc.	166,750	6,188
* Century Aluminum Co.	644,919	4,482
* Resolute Forest Products Inc.	772,881	3,656
SunCoke Energy Inc.	427,655	3,430
FutureFuel Corp.	287,392	3,242
Kronos Worldwide Inc.	232,219	1,925
		1,095,723

Consumer Goods (6.5%)

Leggett & Platt Inc.	1,765,416	80,468
Pinnacle Foods Inc.	1,558,044	78,167
Ingredion Inc.	476,658	63,424
^, * Herbalife Ltd.	920,306	57,050
Goodyear Tire & Rubber Co.	1,733,219	55,983
Thor Industries Inc.	623,961	52,850
Nu Skin Enterprises Inc. Class A	702,188	45,488
Spectrum Brands Holdings Inc.	314,039	43,240
* Tenneco Inc.	710,535	41,403
Energizer Holdings Inc.	818,375	40,886
Tupperware Brands Corp.	534,534	34,943
Snyder's-Lance Inc.	1,016,217	34,125
Avon Products Inc.	5,779,426	32,712
Visteon Corp.	449,937	32,243
* Vista Outdoor Inc.	797,999	31,808
* Helen of Troy Ltd.	368,189	31,727
Dana Inc.	1,900,719	29,632
* Darling Ingredients Inc.	2,176,630	29,406
Wolverine World Wide Inc.	1,249,424	28,774
Cooper Tire & Rubber Co.	716,193	27,230
Fresh Del Monte Produce Inc.	440,701	26,398
Sanderson Farms Inc.	253,903	24,459
HNI Corp.	586,250	23,333
Herman Miller Inc.	791,485	22,636
* Cooper-Standard Holding Inc.	216,911	21,431
Dean Foods Co.	1,193,059	19,566
Flowers Foods Inc.	1,227,794	18,564
* American Axle & Manufacturing Holdings Inc.	1,009,197	17,378
* US Foods Holding Corp.	727,845	17,184
Lancaster Colony Corp.	126,615	16,725
Universal Corp.	285,243	16,607
KB Home	1,001,256	16,140
La-Z-Boy Inc.	649,108	15,942
Schweitzer-Mauduit International Inc.	402,787	15,531
Steelcase Inc. Class A	1,099,803	15,276
* Fossil Group Inc.	540,091	14,998
* Manitowoc Foodservice Inc.	908,344	14,733
^ Cal-Maine Foods Inc.	375,327	14,465
Knoll Inc.	617,890	14,119
* ACCO Brands Corp.	1,419,860	13,687
Andersons Inc.	336,518	12,175
* Central Garden & Pet Co. Class A	443,951	11,010
* Seaboard Corp.	3,100	10,664
Columbia Sportswear Co.	184,903	10,491
Ethan Allen Interiors Inc.	331,158	10,355
Briggs & Stratton Corp.	541,247	10,094
Superior Industries International Inc.	300,656	8,767
^ Tootsie Roll Industries Inc.	226,192	8,331
* Crocs Inc.	917,817	7,618

Inter Parfums Inc.	224,537	7,246
* Modine Manufacturing Co.	596,772	7,078
* Taylor Morrison Home Corp. Class A	379,064	6,672
National Presto Industries Inc.	69,482	6,100
* Iconix Brand Group Inc.	624,622	5,072
* Eastman Kodak Co.	310,740	4,661
Movado Group Inc.	208,061	4,469

* Federal-Mogul Holdings Corp.	450,861	4,333
* Vera Bradley Inc.	243,238	3,685
* Central Garden & Pet Co.	134,114	3,487
Phibro Animal Health Corp. Class A	122,749	3,336
Titan International Inc.	288,161	2,916
Metaldyne Performance Group Inc.	88,389	1,401
* Vince Holding Corp.	129,778	732
* Valvoline Inc.	5,093	120
* TreeHouse Foods Inc.	192	17
* Take-Two Interactive Software Inc.	276	12
		1,381,573

Consumer Services (10.4%)

KAR Auction Services Inc.	1,821,731	78,626
* JetBlue Airways Corp.	4,274,113	73,686
Dun & Bradstreet Corp.	479,509	65,511
Service Corp. International	2,429,403	64,476
TEGNA Inc.	2,830,465	61,874
* Rite Aid Corp.	6,927,025	53,269
Cinemark Holdings Inc.	1,381,375	52,879
CST Brands Inc.	999,948	48,088
^ Cracker Barrel Old Country Store Inc.	316,458	41,842
American Eagle Outfitters Inc.	2,162,215	38,617
* Hertz Global Holdings Inc.	954,487	38,332
GameStop Corp. Class A	1,374,139	37,913
Dolby Laboratories Inc. Class A	694,111	37,683
Tribune Media Co. Class A	1,017,880	37,173
Brinker International Inc.	736,426	37,138
* Avis Budget Group Inc.	1,079,896	36,943
^, * JC Penney Co. Inc.	3,860,966	35,598
Cable One Inc.	60,439	35,296
* Murphy USA Inc.	491,879	35,100
* Starz	1,095,652	34,173
* Beacon Roofing Supply Inc.	790,317	33,249
John Wiley & Sons Inc. Class A	608,518	31,406
* ServiceMaster Global Holdings Inc.	895,886	30,173
Wendy's Co.	2,763,774	29,849
Chemed Corp.	203,211	28,667
Lithia Motors Inc. Class A	294,079	28,090
Big Lots Inc.	586,812	28,020
^ Regal Entertainment Group Class A	1,232,283	26,802
Graham Holdings Co. Class B	55,342	26,640
Sinclair Broadcast Group Inc. Class A	906,251	26,173
* Acxiom Corp.	972,712	25,923
Meredith Corp.	497,670	25,874
Office Depot Inc.	7,191,282	25,673
* United Natural Foods Inc.	633,269	25,356
AMERCO	77,790	25,222
Matthews International Corp. Class A	403,424	24,512
Aaron's Inc.	963,052	24,481
^ Penske Automotive Group Inc.	507,159	24,435
Hillenbrand Inc.	751,387	23,774
* Houghton Mifflin Harcourt Co.	1,612,011	21,617

Core-Mark Holding Co. Inc.	579,743	20,755
* Boyd Gaming Corp.	1,036,941	20,511
New York Times Co. Class A	1,696,520	20,273
Chico's FAS Inc.	1,663,206	19,792
* Spirit Airlines Inc.	461,876	19,644

Children's Place Inc.	236,634	18,900
GNC Holdings Inc. Class A	902,560	18,430
DineEquity Inc.	228,364	18,084
Gannett Co. Inc.	1,538,141	17,904
* SUPERVALU Inc.	3,509,191	17,511
Time Inc.	1,188,991	17,217
^ DeVry Education Group Inc.	740,917	17,086
DSW Inc. Class A	833,284	17,066
SkyWest Inc.	645,998	17,061
Group 1 Automotive Inc.	253,760	16,210
Dillard's Inc. Class A	241,876	15,241
* MSG Networks Inc.	812,317	15,117
Extended Stay America Inc.	1,049,848	14,908
* Asbury Automotive Group Inc.	263,379	14,662
Abercrombie & Fitch Co.	893,201	14,193
* Genesco Inc.	260,232	14,172
Caleres Inc.	545,965	13,807
Bloomin' Brands Inc.	741,424	12,782
Scholastic Corp.	324,341	12,766
Finish Line Inc. Class A	549,331	12,679
* Herc Holdings Inc.	375,310	12,648
* La Quinta Holdings Inc.	1,082,809	12,106
Interval Leisure Group Inc.	704,385	12,094
SeaWorld Entertainment Inc.	883,601	11,911
* Performance Food Group Co.	476,329	11,813
* Express Inc.	995,394	11,736
International Speedway Corp. Class A	343,756	11,488
Guess? Inc.	782,035	11,426
Cato Corp. Class A	324,770	10,682
* Apollo Education Group Inc.	1,281,545	10,188
Tailored Brands Inc.	639,564	10,041
* Rush Enterprises Inc. Class A	395,871	9,691
Bob Evans Farms Inc.	246,973	9,459
Weis Markets Inc.	176,737	9,367
^ Buckle Inc.	383,494	9,215
Capella Education Co.	152,001	8,822
* Vitamin Shoppe Inc.	315,497	8,471
Rent-A-Center Inc.	663,361	8,385
HSN Inc.	206,027	8,200
Barnes & Noble Inc.	725,004	8,193
^,* Virgin America Inc.	132,152	7,071
* K12 Inc.	443,891	6,370
Sonic Automotive Inc. Class A	329,453	6,194
* Strayer Education Inc.	131,195	6,124
* EW Scripps Co. Class A	376,524	5,987
* Regis Corp.	455,083	5,711
* Bankrate Inc.	602,916	5,113
* Smart & Final Stores Inc.	392,939	5,018
* RetailMeNot Inc.	479,883	4,746
Pier 1 Imports Inc.	1,064,643	4,514
* FTD Cos. Inc.	215,900	4,441
New Media Investment Group Inc.	286,006	4,433

Fred's Inc. Class A	470,543	4,263
* Zumiez Inc.	231,461	4,166
* Barnes & Noble Education Inc.	424,144	4,059
* American Public Education Inc.	204,769	4,056
^,* Weight Watchers International Inc.	382,626	3,949

^, * Sears Holdings Corp.	283,570	3,250
* Biglari Holdings Inc.	6,911	3,013
Speedway Motorsports Inc.	163,335	2,917
^, * Caesars Entertainment Corp.	386,333	2,878
Clear Channel Outdoor Holdings Inc. Class A	463,590	2,707
^, * Lands' End Inc.	168,400	2,442
* Rush Enterprises Inc. Class B	94,530	2,298
* Bridgepoint Education Inc.	244,171	1,677
^, * Conn's Inc.	100,873	1,041
* At Home Group Inc.	2,554	39
Casey's General Stores Inc.	132	16
* Liberty Media Group LLC	258	7
* Liberty Media Group LLC Class A	84	2
* Ruby Tuesday Inc.	196	1
* Container Store Group Inc.	40	—

2,211,363

Financials (30.3%)

Arthur J Gallagher & Co.	2,339,725	119,022
National Retail Properties Inc.	1,943,219	98,813
Apartment Investment & Management Co.	2,070,254	95,045
Liberty Property Trust	1,937,888	78,194
Senior Housing Properties Trust	3,136,365	71,227
East West Bancorp Inc.	1,903,157	69,865
American Financial Group Inc.	918,138	68,860
Highwoods Properties Inc.	1,302,413	67,882
Starwood Property Trust Inc.	2,986,644	67,259
EPR Properties	840,317	66,167
Hospitality Properties Trust	2,146,867	63,805
Weingarten Realty Investors	1,600,914	62,404
RenaissanceRe Holdings Ltd.	517,020	62,125
Old Republic International Corp.	3,292,757	58,018
First American Financial Corp.	1,448,999	56,917
Taubman Centers Inc.	757,713	56,381
Brown & Brown Inc.	1,477,177	55,704
Eaton Vance Corp.	1,423,220	55,577
Endurance Specialty Holdings Ltd.	847,896	55,495
Commerce Bancshares Inc.	1,084,049	53,400
^ Cullen/Frost Bankers Inc.	738,455	53,124
Retail Properties of America Inc.	3,135,009	52,668
Popular Inc.	1,370,344	52,375
* Alleghany Corp.	96,865	50,856
Validus Holdings Ltd.	1,007,997	50,218
Synovus Financial Corp.	1,542,790	50,187
* Equity Commonwealth	1,658,299	50,114
Assured Guaranty Ltd.	1,744,882	48,420
Prosperity Bancshares Inc.	871,771	47,851
Mid-America Apartment Communities Inc.	498,952	46,896
First Horizon National Corp.	3,065,620	46,689
Webster Financial Corp.	1,211,250	46,040
PrivateBancorp Inc.	997,924	45,825

New Residential Investment Corp.	3,309,465	45,704
Omega Healthcare Investors Inc.	1,278,003	45,305
Allied World Assurance Co. Holdings AG	1,096,010	44,301
Umpqua Holdings Corp.	2,909,672	43,791
First Industrial Realty Trust Inc.	1,544,107	43,575
Rayonier Inc.	1,622,687	43,066
Hanover Insurance Group Inc.	564,930	42,607

Empire State Realty Trust Inc.	2,016,335	42,242
Piedmont Office Realty Trust Inc. Class A	1,918,115	41,757
BankUnited Inc.	1,376,390	41,567
Legg Mason Inc.	1,232,713	41,271
DuPont Fabros Technology Inc.	998,389	41,184
Bank of Hawaii Corp.	566,160	41,115
Apple Hospitality REIT Inc.	2,193,033	40,593
White Mountains Insurance Group Ltd.	48,839	40,536
Two Harbors Investment Corp.	4,592,920	39,178
Associated Banc-Corp	1,987,638	38,938
Chemical Financial Corp.	879,158	38,797
National Health Investors Inc.	491,742	38,592
Radian Group Inc.	2,833,497	38,394
Wintrust Financial Corp.	682,736	37,940
Chimera Investment Corp.	2,357,349	37,600
RLI Corp.	549,491	37,563
Aspen Insurance Holdings Ltd.	795,491	37,062
Forest City Realty Trust Inc. Class A	1,596,363	36,924
ProAssurance Corp.	702,677	36,876
Assurant Inc.	398,017	36,717
MFA Financial Inc.	4,903,834	36,681
Sunstone Hotel Investors Inc.	2,863,028	36,618
Columbia Property Trust Inc.	1,631,155	36,522
IBERIABANK Corp.	542,621	36,421
Federated Investors Inc. Class B	1,226,817	36,351
Brandywine Realty Trust	2,314,831	36,158
United Bankshares Inc.	959,383	36,140
* MGIC Investment Corp.	4,502,200	36,018
LaSalle Hotel Properties	1,494,794	35,681
Corporate Office Properties Trust	1,252,801	35,517
CNO Financial Group Inc.	2,315,599	35,359
MB Financial Inc.	926,453	35,242
Blackstone Mortgage Trust Inc. Class A	1,179,599	34,739
Erie Indemnity Co. Class A	335,510	34,245
FNB Corp.	2,778,474	34,175
Hancock Holding Co.	1,025,510	33,257
Fulton Financial Corp.	2,287,475	33,214
UMB Financial Corp.	556,597	33,090
RLJ Lodging Trust	1,567,767	32,970
* Genworth Financial Inc. Class A	6,590,640	32,690
Primerica Inc.	614,521	32,588
PacWest Bancorp	756,422	32,458
American National Insurance Co.	263,509	32,138
* Stifel Financial Corp.	831,890	31,986
Washington Federal Inc.	1,195,835	31,905
Duke Realty Corp.	1,159,472	31,688
Care Capital Properties Inc.	1,110,518	31,650
NorthStar Realty Finance Corp.	2,390,351	31,481
Pinnacle Financial Partners Inc.	579,542	31,342
Valley National Bancorp	3,196,264	31,100
Cathay General Bancorp	990,645	30,492
Selective Insurance Group Inc.	764,011	30,453
EastGroup Properties Inc.	413,051	30,384
Navient Corp.	2,095,953	30,328
Washington REIT	973,921	30,308
AmTrust Financial Services Inc.	1,128,356	30,274
^ First Financial Bankshares Inc.	829,191	30,216

First Citizens BancShares Inc. Class A	101,740	29,900
STORE Capital Corp.	1,013,371	29,864
Interactive Brokers Group Inc.	842,593	29,718
TCF Financial Corp.	2,035,723	29,538
* Hope Bancorp Inc.	1,695,497	29,451
Mack-Cali Realty Corp.	1,067,012	29,044
Sterling Bancorp	1,641,470	28,726
Glacier Bancorp Inc.	1,006,895	28,717
^ LPL Financial Holdings Inc.	942,410	28,187
Community Bank System Inc.	585,192	28,154
CBL & Associates Properties Inc.	2,258,993	27,424
Janus Capital Group Inc.	1,942,213	27,210
LTC Properties Inc.	518,670	26,966
* SLM Corp.	3,592,263	26,834
BancorpSouth Inc.	1,125,864	26,120
Great Western Bancorp Inc.	776,456	25,872
Lexington Realty Trust	2,504,210	25,793
Realogy Holdings Corp.	972,270	25,143
Columbia Banking System Inc.	767,843	25,124
Old National Bancorp	1,786,337	25,116
DiamondRock Hospitality Co.	2,658,441	24,192
CVB Financial Corp.	1,357,168	23,900
BGC Partners Inc. Class A	2,720,971	23,808
GEO Group Inc.	988,765	23,513
Trustmark Corp.	847,095	23,346
Capitol Federal Financial Inc.	1,635,417	23,010
* HRG Group Inc.	1,461,270	22,942
South State Corp.	304,337	22,837
Invesco Mortgage Capital Inc.	1,471,530	22,411
EverBank Financial Corp.	1,156,977	22,399
Select Income REIT	825,088	22,195
International Bancshares Corp.	741,892	22,094
Xenia Hotels & Resorts Inc.	1,423,915	21,615
Outfront Media Inc.	909,838	21,518
Corrections Corp. of America	1,549,495	21,491
Argo Group International Holdings Ltd.	377,012	21,271
Government Properties Income Trust	938,208	21,222
Potlatch Corp.	536,404	20,861
First Midwest Bancorp Inc.	1,074,118	20,795
Northwest Bancshares Inc.	1,289,058	20,251
* PRA Group Inc.	580,846	20,062
Pennsylvania REIT	871,138	20,062
Mercury General Corp.	364,968	20,018
New York REIT Inc.	2,187,055	20,012
Kemper Corp.	506,477	19,915
American Equity Investment Life Holding Co.	1,102,988	19,556
Horace Mann Educators Corp.	530,664	19,449
* Enstar Group Ltd.	118,185	19,438
Waddell & Reed Financial Inc. Class A	1,038,658	18,862
NBT Bancorp Inc.	568,446	18,685
Global Net Lease Inc.	2,226,686	18,170
WesBanco Inc.	547,015	17,986
BOK Financial Corp.	260,704	17,981
Independent Bank Corp.	330,465	17,875
Astoria Financial Corp.	1,202,556	17,557
Banner Corp.	400,878	17,534
CYS Investments Inc.	1,998,676	17,428

First Financial Bancorp	775,554	16,938
Franklin Street Properties Corp.	1,331,669	16,779
Provident Financial Services Inc.	784,643	16,658
Park National Corp.	171,854	16,498
[^] Westamerica Bancorporation	320,849	16,325
Navigators Group Inc.	163,022	15,800
Washington Prime Group Inc.	1,227,016	15,190
Tompkins Financial Corp.	189,279	14,463
Redwood Trust Inc.	1,018,573	14,423
Artisan Partners Asset Management Inc. Class A	528,743	14,382
National General Holdings Corp.	631,331	14,041
Beneficial Bancorp Inc.	919,397	13,524
Boston Private Financial Holdings Inc.	1,049,920	13,470
[*] MBIA Inc.	1,707,479	13,301
PennyMac Mortgage Investment Trust	851,574	13,268
Colony Capital Inc. Class A	710,770	12,957
Safety Insurance Group Inc.	190,865	12,830
S&T Bancorp Inc.	439,672	12,746
[*] Green Dot Corp. Class A	545,833	12,587
[*] KCG Holdings Inc. Class A	801,855	12,453
Employers Holdings Inc.	408,479	12,185
Capstead Mortgage Corp.	1,272,265	11,997
First Commonwealth Financial Corp.	1,171,954	11,825
Monogram Residential Trust Inc.	1,101,196	11,717
Nelnet Inc. Class A	286,528	11,567
Infinity Property & Casualty Corp.	139,443	11,522
United Fire Group Inc.	267,542	11,322
American Assets Trust Inc.	255,709	11,093
ARMOUR Residential REIT Inc.	486,509	10,966
Berkshire Hills Bancorp Inc.	392,091	10,865
Brookline Bancorp Inc.	882,818	10,762
State Bank Financial Corp.	460,833	10,516
[*] FNFV Group	838,914	10,470
American Capital Mortgage Investment Corp.	601,871	10,346
Saul Centers Inc.	155,294	10,343
Universal Health Realty Income Trust	162,280	10,227
Maiden Holdings Ltd.	778,480	9,879
Central Pacific Financial Corp.	387,016	9,749
[*] iStar Inc.	889,009	9,539
Investors Real Estate Trust	1,592,845	9,477
City Holding Co.	187,414	9,425
[*] Walker & Dunlop Inc.	364,557	9,209
[*] Piper Jaffray Cos.	190,026	9,178
United Community Banks Inc.	418,942	8,806
[*] Santander Consumer USA Holdings Inc.	706,296	8,589
FBL Financial Group Inc. Class A	130,609	8,355
[*] First BanCorp	1,570,524	8,167
Getty Realty Corp.	332,793	7,964
[*] Greenlight Capital Re Ltd. Class A	388,016	7,931
Oritani Financial Corp.	504,124	7,925
BancFirst Corp.	103,725	7,521
Virtus Investment Partners Inc.	76,042	7,441
[^] Seritage Growth Properties Class A	146,034	7,401
[*] First Hawaiian Inc.	274,967	7,386
[*] Flagstar Bancorp Inc.	260,306	7,223
Investment Technology Group Inc.	410,970	7,044
[*] Ambac Financial Group Inc.	370,203	6,808

Dime Community Bancshares Inc.	401,930	6,736
Ladder Capital Corp.	503,188	6,662
First Potomac Realty Trust	725,991	6,643
Ashford Hospitality Trust Inc.	1,085,842	6,396
Anworth Mortgage Asset Corp.	1,261,366	6,206
National Western Life Group Inc. Class A	29,369	6,032
OFG Bancorp	577,289	5,836
AG Mortgage Investment Trust Inc.	366,492	5,772
Resource Capital Corp.	395,414	5,065
^, * Forestar Group Inc.	419,866	4,917
Virtu Financial Inc. Class A	326,731	4,891
Hersha Hospitality Trust Class A	264,831	4,772
State Auto Financial Corp.	194,468	4,630
Northfield Bancorp Inc.	275,270	4,432
OneBeacon Insurance Group Ltd. Class A	287,536	4,106
National Bank Holdings Corp. Class A	165,522	3,868
Ashford Hospitality Prime Inc.	269,698	3,803
^ Fidelity & Guaranty Life	154,965	3,594
Newcastle Investment Corp.	789,706	3,577
* EZCORP Inc. Class A	323,176	3,574
^, * Encore Capital Group Inc.	150,953	3,393
* World Acceptance Corp.	57,741	2,832
* MoneyGram International Inc.	362,648	2,575
Houlihan Lokey Inc.	80,461	2,016
GAMCO Investors Inc. Class A	56,239	1,601
RMR Group Inc. Class A	39,261	1,490
Associated Capital Group Inc. Class A	28,952	1,027
* Liberty Broadband Corp.	500	36
Spirit Realty Capital Inc.	1,644	22
* Liberty Broadband Corp. Class A	84	6
Urstadt Biddle Properties Inc. Class A	100	2
Altisource Residential Corp.	168	2
* Walter Investment Management Corp.	92	—
* FirstCash Inc.	2	—

6,425,546

Health Care (5.9%)

Teleflex Inc.	582,181	97,835
* WellCare Health Plans Inc.	584,712	68,464
* Charles River Laboratories International Inc.	624,746	52,066
* Alere Inc.	1,145,954	49,551
Hill-Rom Holdings Inc.	778,452	48,248
HealthSouth Corp.	1,126,781	45,713
* Bio-Rad Laboratories Inc. Class A	272,968	44,715
^, * TESARO Inc.	441,351	44,241
* Brookdale Senior Living Inc.	2,456,822	42,872
STERIS plc	569,245	41,612
* United Therapeutics Corp.	287,319	33,927
* Prestige Brands Holdings Inc.	699,721	33,775
* LifePoint Health Inc.	564,372	33,428
* Molina Healthcare Inc.	563,477	32,862
* Integra LifeSciences Holdings Corp.	395,245	32,627
* VWR Corp.	1,130,257	32,054

^, * Kite Pharma Inc.	524,682	29,309
Owens & Minor Inc.	825,353	28,664
* Envision Healthcare Holdings Inc.	1,237,613	27,562
* Endo International plc	1,325,804	26,715
* Tenet Healthcare Corp.	1,049,898	23,791

* Halyard Health Inc.	615,643	21,338
* Ophthotech Corp.	422,375	19,484
* Sage Therapeutics Inc.	409,334	18,850
* Select Medical Holdings Corp.	1,385,177	18,700
* Surgical Care Affiliates Inc.	371,610	18,120
* Magellan Health Inc.	324,413	17,431
* Ultragenyx Pharmaceutical Inc.	234,252	16,618
^,* Community Health Systems Inc.	1,426,038	16,456
^,* Juno Therapeutics Inc.	523,828	15,720
^,* Clovis Oncology Inc.	432,000	15,574
* Portola Pharmaceuticals Inc.	634,353	14,406
^,* Cempira Inc.	585,155	14,161
CONMED Corp.	331,696	13,288
^,* Synergy Pharmaceuticals Inc.	2,259,074	12,447
* Haemonetics Corp.	339,921	12,309
Kindred Healthcare Inc.	1,073,664	10,973
* Healthways Inc.	414,147	10,958
* Myriad Genetics Inc.	454,243	9,348
* Spark Therapeutics Inc.	150,985	9,068
National HealthCare Corp.	120,486	7,951
* LHC Group Inc.	202,904	7,483
PDL BioPharma Inc.	2,208,001	7,397
* Merit Medical Systems Inc.	277,176	6,733
* Intra-Cellular Therapies Inc. Class A	428,059	6,524
Ensign Group Inc.	315,238	6,346
* Global Blood Therapeutics Inc.	271,205	6,251
^,* Celldex Therapeutics Inc.	1,327,205	5,362
Universal American Corp.	654,846	5,010
Invacare Corp.	402,519	4,496
* Glaukos Corp.	108,472	4,094
* Aimmune Therapeutics Inc.	254,204	3,813
* Amicus Therapeutics Inc.	467,316	3,458
^,* Teladoc Inc.	165,303	3,027
* PTC Therapeutics Inc.	213,971	2,998
^,* NantKwest Inc.	333,162	2,592
* Quorum Health Corp.	184,211	1,155
* Wright Medical Group Inc. CVR	71,097	92
* Aduro Biotech Inc.	88	1
* Esperion Therapeutics Inc.	28	—
		1,240,063

Industrials (20.6%)

Broadridge Financial Solutions Inc.	1,563,392	105,982
Valspar Corp.	943,097	100,034
Huntington Ingalls Industries Inc.	618,005	94,814
IDEX Corp.	1,006,387	94,168
Carlisle Cos. Inc.	854,363	87,632
Allegion plc	1,267,848	87,367
PerkinElmer Inc.	1,444,912	81,074
* Spirit AeroSystems Holdings Inc. Class A	1,704,351	75,912
Sonoco Products Co.	1,323,802	69,936
Donaldson Co. Inc.	1,758,177	65,633
MDU Resources Group Inc.	2,579,363	65,619
AptarGroup Inc.	831,192	64,343
Bemis Co. Inc.	1,250,818	63,804
* AECOM	2,029,857	60,348
Graphic Packaging Holding Co.	4,214,476	58,961

Orbital ATK Inc.

773,414

58,957

Oshkosh Corp.	970,834	54,367
* Quanta Services Inc.	1,904,822	53,316
Booz Allen Hamilton Holding Corp. Class A	1,667,612	52,713
Packaging Corp. of America	622,397	50,576
Lincoln Electric Holdings Inc.	799,533	50,067
Trinity Industries Inc.	2,013,248	48,680
Curtiss-Wright Corp.	528,042	48,110
EMCOR Group Inc.	803,046	47,878
BWX Technologies Inc.	1,229,594	47,180
^ MSC Industrial Direct Co. Inc. Class A	639,185	46,923
Jabil Circuit Inc.	2,145,878	46,823
Ryder System Inc.	706,653	46,604
* CoreLogic Inc.	1,166,577	45,753
AGCO Corp.	911,140	44,937
* Teledyne Technologies Inc.	411,940	44,461
RR Donnelley & Sons Co.	2,767,140	43,499
World Fuel Services Corp.	930,424	43,041
Deluxe Corp.	644,095	43,038
ITT Inc.	1,184,116	42,439
* Kirby Corp.	676,213	42,033
Crane Co.	655,666	41,313
* Owens-Illinois Inc.	2,142,477	39,400
Belden Inc.	556,868	38,418
Valmont Industries Inc.	284,063	38,226
Chicago Bridge & Iron Co. NV	1,363,676	38,224
Joy Global Inc.	1,297,670	35,997
EnerSys	516,775	35,756
* Colfax Corp.	1,135,509	35,689
* Keysight Technologies Inc.	1,125,356	35,663
* Berry Plastics Group Inc.	803,875	35,250
Regal Beloit Corp.	591,782	35,205
Convergys Corp.	1,140,987	34,709
Terex Corp.	1,364,491	34,672
* WESCO International Inc.	559,129	34,381
Timken Co.	931,775	32,743
* Generac Holdings Inc.	871,276	31,627
Kennametal Inc.	1,053,845	30,583
* Esterline Technologies Corp.	388,760	29,561
KBR Inc.	1,884,292	28,509
Silgan Holdings Inc.	559,846	28,323
ABM Industries Inc.	702,612	27,894
* Sanmina Corp.	977,463	27,828
* Rexnord Corp.	1,288,656	27,590
Barnes Group Inc.	676,380	27,427
Tetra Tech Inc.	759,823	26,951
Granite Construction Inc.	523,915	26,060
* MasTec Inc.	871,673	25,924
* Moog Inc. Class A	430,358	25,623
UniFirst Corp.	193,648	25,534
Universal Forest Products Inc.	255,285	25,143
Vishay Intertechnology Inc.	1,783,283	25,126
G&K Services Inc. Class A	260,479	24,873
* FTI Consulting Inc.	558,136	24,871
MSA Safety Inc.	421,870	24,485
* KLX Inc.	694,981	24,463
* Anixter International Inc.	371,791	23,981
Watts Water Technologies Inc. Class A	368,105	23,868

GATX Corp.	532,685	23,731
Applied Industrial Technologies Inc.	491,040	22,951
Matson Inc.	566,418	22,589
* Swift Transportation Co.	1,048,881	22,519
Brink's Co.	587,956	21,801
Brady Corp. Class A	618,378	21,402
CLARCOR Inc.	321,610	20,905
* Plexus Corp.	441,524	20,654
* NeuStar Inc. Class A	719,195	19,123
Triumph Group Inc.	653,713	18,226
Greif Inc. Class A	366,044	18,152
* Coherent Inc.	160,616	17,754
Otter Tail Corp.	511,091	17,679
* Louisiana-Pacific Corp.	938,086	17,664
Actuant Corp. Class A	739,066	17,176
^, * Knowles Corp.	1,170,235	16,442
* SPX FLOW Inc.	524,085	16,205
* Benchmark Electronics Inc.	645,664	16,109
Insperty Inc.	220,650	16,028
Kaman Corp.	357,080	15,683
Standex International Corp.	168,473	15,646
Astec Industries Inc.	259,335	15,526
Cubic Corp.	320,315	14,994
ESCO Technologies Inc.	321,947	14,945
^, * Navistar International Corp.	648,322	14,840
* Sykes Enterprises Inc.	512,689	14,422
Aircastle Ltd.	726,026	14,419
Korn/Ferry International	681,290	14,307
* Atlas Air Worldwide Holdings Inc.	328,884	14,083
EVERTEC Inc.	833,430	13,985
AAR Corp.	436,823	13,681
Werner Enterprises Inc.	572,852	13,330
* Boise Cascade Co.	513,287	13,037
CIRCOR International Inc.	217,624	12,962
* Meritor Inc.	1,150,207	12,802
* TrueBlue Inc.	562,887	12,755
* Navigant Consulting Inc.	628,170	12,702
^ Greenbrier Cos. Inc.	355,260	12,541
ManTech International Corp. Class A	329,626	12,424
* Wabash National Corp.	847,408	12,067
* Armstrong World Industries Inc.	275,787	11,396
* DigitalGlobe Inc.	413,743	11,378
* TriMas Corp.	600,577	11,177
* Tutor Perini Corp.	519,451	11,153
* Babcock & Wilcox Enterprises Inc.	660,211	10,893
* Rofin-Sinar Technologies Inc.	337,741	10,868
* TTM Technologies Inc.	930,299	10,652
Harsco Corp.	1,054,080	10,467
* PHH Corp.	703,780	10,170
MTS Systems Corp.	219,226	10,091
Quad/Graphics Inc.	376,935	10,072
Essendant Inc.	490,384	10,063
* SPX Corp.	494,019	9,950
* Wesco Aircraft Holdings Inc.	713,022	9,576

* Air Transport Services Group Inc.	666,638	9,566
Encore Wire Corp.	258,456	9,503
Altra Industrial Motion Corp.	323,561	9,374

General Cable Corp.	615,600	9,222
McGrath RentCorp	282,885	8,970
Mobile Mini Inc.	292,053	8,820
* Integer Holdings Corp.	404,928	8,783
* Huron Consulting Group Inc.	142,940	8,542
* Overseas Shipholding Group Inc. Class A	782,751	8,274
* Aegion Corp. Class A	432,142	8,241
Albany International Corp.	192,302	8,150
Materion Corp.	262,440	8,060
EnPro Industries Inc.	141,351	8,032
Manitowoc Co. Inc.	1,627,936	7,798
Triton International Ltd.	583,040	7,690
AVX Corp.	550,347	7,589
Kelly Services Inc. Class A	387,292	7,444
Comfort Systems USA Inc.	246,077	7,212
H&E Equipment Services Inc.	419,573	7,032
Schnitzer Steel Industries Inc.	330,694	6,911
Kforce Inc.	333,504	6,833
Resources Connection Inc.	452,740	6,764
* RPX Corp.	618,971	6,617
* Cotiviti Holdings Inc.	177,736	5,959
Hyster-Yale Materials Handling Inc.	98,343	5,913
ArcBest Corp.	308,746	5,872
Landauer Inc.	128,239	5,704
TeleTech Holdings Inc.	186,289	5,400
* DHI Group Inc.	625,566	4,936
* TimkenSteel Corp.	442,895	4,628
Park Electrochemical Corp.	256,584	4,457
^ American Railcar Industries Inc.	104,169	4,320
Griffon Corp.	226,996	3,861
* Milacron Holdings Corp.	227,742	3,635
* Atkore International Group Inc.	164,172	3,077
* Armstrong Flooring Inc.	155,970	2,945
^ Textainer Group Holdings Ltd.	300,251	2,249
Greif Inc. Class B	31,489	1,908
* Monster Worldwide Inc.	497,720	1,797
* GMS Inc.	53,794	1,196
* RR Donnelley & Sons Co.	1,089	17
Littelfuse Inc.	76	10
* Nuvectra Corp.	32	—

4,368,390

Oil & Gas (5.4%)

Targa Resources Corp.	2,092,431	102,759
QEP Resources Inc.	3,164,410	61,801
* WPX Energy Inc.	4,547,555	59,982
* Chesapeake Energy Corp.	9,234,855	57,903
* Newfield Exploration Co.	1,311,883	57,014
^,* Transocean Ltd.	4,586,997	48,897
Nabors Industries Ltd.	3,559,015	43,278
^,* First Solar Inc.	1,014,827	40,076
Energen Corp.	641,735	37,041
Superior Energy Services Inc.	2,005,160	35,892

Oceaneering International Inc.	1,296,749	35,674
Ensco plc Class A	3,983,297	33,858
Murphy Oil Corp.	1,081,241	32,870
* Whiting Petroleum Corp.	3,640,842	31,821
PBF Energy Inc. Class A	1,293,694	29,289

* NOW Inc.	1,350,288	28,937
Western Refining Inc.	1,075,606	28,461
* Dril-Quip Inc.	496,965	27,701
* Oasis Petroleum Inc.	2,261,316	25,937
Rowan Cos. plc Class A	1,654,152	25,077
SemGroup Corp. Class A	698,545	24,701
SM Energy Co.	557,202	21,497
* Oil States International Inc.	677,540	21,390
Noble Corp. plc	3,210,594	20,355
* MRC Global Inc.	1,208,773	19,860
* Denbury Resources Inc.	5,262,130	16,997
* McDermott International Inc.	3,184,909	15,956
* Forum Energy Technologies Inc.	786,095	15,612
Diamond Offshore Drilling Inc.	817,818	14,402
* Chart Industries Inc.	405,461	13,311
Delek US Holdings Inc.	737,583	12,753
* Unit Corp.	682,198	12,689
^, * Laredo Petroleum Inc.	954,062	12,307
Archrock Inc.	873,572	11,426
* Helix Energy Solutions Group Inc.	1,343,905	10,926
^ Atwood Oceanics Inc.	820,851	7,133
* TETRA Technologies Inc.	1,162,041	7,100
* Exterran Corp.	421,182	6,604
^, * SunPower Corp. Class A	726,429	6,480
Green Plains Inc.	238,873	6,258
Tesco Corp.	592,994	4,839
Bristow Group Inc.	299,601	4,200
Alon USA Energy Inc.	430,460	3,470
^ CVR Energy Inc.	233,972	3,222
^ CARBO Ceramics Inc.	253,232	2,770
^, * EP Energy Corp. Class A	513,974	2,251
* Hornbeck Offshore Services Inc.	246,432	1,355
* EXCO Resources Inc.	1,110,928	1,189
* Southwestern Energy Co.	1,644	23
* SEACOR Holdings Inc.	52	3
* Newpark Resources Inc.	276	2
* Parker Drilling Co.	404	1
Tidewater Inc.	160	—
* Northern Oil and Gas Inc.	76	—

1,145,350

Other (0.0%)²

* Leap Wireless International Inc CVR	474,686	1,196
* Clinical Data CVR	62,138	—

1,196

Technology (8.3%)

CDW Corp.	2,158,832	98,723
Leidos Holdings Inc.	1,779,093	76,999
* ARRIS International plc	2,518,245	71,342
Ingram Micro Inc.	1,976,572	70,485
* CommScope Holding Co. Inc.	2,289,752	68,944
* ON Semiconductor Corp.	5,488,025	67,612
* Microsemi Corp.	1,494,890	62,755
CSRA Inc.	2,161,048	58,132
Teradyne Inc.	2,672,220	57,666
Brocade Communications Systems Inc.	6,171,757	56,965
* Teradata Corp.	1,722,399	53,394

* NCR Corp.	1,635,276	52,640
DST Systems Inc.	430,839	50,805
Computer Sciences Corp.	927,905	48,446
Cypress Semiconductor Corp.	3,913,270	47,585
SYNNEX Corp.	394,026	44,962
Pitney Bowes Inc.	2,452,459	44,537
* Tech Data Corp.	465,180	39,405
Intersil Corp. Class A	1,790,917	39,275
Mentor Graphics Corp.	1,414,478	37,399
Science Applications International Corp.	503,832	34,951
* Advanced Micro Devices Inc.	5,031,809	34,770
* CACI International Inc. Class A	321,613	32,451
Lexmark International Inc. Class A	788,730	31,518
* Verint Systems Inc.	822,395	30,947
* TiVo Corp.	1,581,864	30,815
* Nuance Communications Inc.	1,849,504	26,818
* NETGEAR Inc.	411,783	24,909
* Semtech Corp.	863,959	23,958
* VeriFone Systems Inc.	1,457,788	22,946
* Viavi Solutions Inc.	3,066,379	22,661
Diebold Inc.	891,605	22,103
* Cirrus Logic Inc.	412,261	21,912
* EchoStar Corp. Class A	426,513	18,694
MKS Instruments Inc.	353,678	17,588
* Cree Inc.	665,412	17,114
^ Ebix Inc.	300,124	17,062
CSG Systems International Inc.	405,264	16,750
* Progress Software Corp.	607,115	16,514
Cabot Microelectronics Corp.	302,278	15,994
* Insight Enterprises Inc.	467,617	15,221
West Corp.	654,311	14,447
* ScanSource Inc.	340,141	12,415
Brooks Automation Inc.	860,935	11,717
* Web.com Group Inc.	633,614	10,942
* Amkor Technology Inc.	1,092,437	10,618
^, * Match Group Inc.	524,002	9,322
Quality Systems Inc.	694,436	7,861
Epiq Systems Inc.	401,038	6,613
* Unisys Corp.	658,461	6,413
* Ixia	481,011	6,013
* Blucora Inc.	500,144	5,602
* FormFactor Inc.	464,003	5,034
Comtech Telecommunications Corp.	294,262	3,769
* Tangoe Inc.	445,111	3,672
* Harmonic Inc.	252,072	1,495
Systemax Inc.	172,362	1,365
* SecureWorks Corp. Class A	52,403	656
* Nutanix Inc.	1,788	66
* Mercury Systems Inc.	132	3
		1,761,790

Telecommunications (0.5%)

Telephone & Data Systems Inc.	1,216,184	33,056
* Vonage Holdings Corp.	2,429,177	16,057
Consolidated Communications Holdings Inc.	634,475	16,014
^, * Iridium Communications Inc.	1,068,641	8,667
EarthLink Holdings Corp.	1,386,967	8,599

^ Windstream Holdings Inc.

633,039

6,362



* United States Cellular Corp.	171,093	6,217
^,* Intelsat SA	248,338	673
		95,645

Utilities (6.6%)

Westar Energy Inc. Class A	1,873,482	106,320
UGI Corp.	2,289,918	103,596
Atmos Energy Corp.	1,372,793	102,232
Great Plains Energy Inc.	2,739,861	74,771
Aqua America Inc.	2,341,926	71,382
Piedmont Natural Gas Co. Inc.	1,072,417	64,388
National Fuel Gas Co.	1,066,303	57,655
Vectren Corp.	1,093,988	54,918
IDACORP Inc.	665,726	52,113
Portland General Electric Co.	1,174,578	50,025
NRG Energy Inc.	4,165,455	46,695
ONE Gas Inc.	689,922	42,665
Hawaiian Electric Industries Inc.	1,429,027	42,656
Black Hills Corp.	691,426	42,329
WGL Holdings Inc.	674,399	42,285
Southwest Gas Corp.	595,784	41,622
ALLETE Inc.	652,740	38,916
New Jersey Resources Corp.	1,137,971	37,394
NorthWestern Corp.	638,589	36,738
Spire Inc.	573,261	36,540
Avista Corp.	841,790	35,178
PNM Resources Inc.	1,053,054	34,456
South Jersey Industries Inc.	1,050,588	31,045
MGE Energy Inc.	458,162	25,891
El Paso Electric Co.	535,826	25,061
Northwest Natural Gas Co.	363,870	21,872
California Water Service Group	633,636	20,333
Empire District Electric Co.	581,823	19,863
American States Water Co.	481,802	19,296
* Talen Energy Corp.	1,103,486	15,283
		1,393,518

Total Common Stocks (Cost \$17,773,717)	21,120,157
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Coupon

Temporary Cash Investments (1.2%)¹

Money Market Fund (1.2%)

3,4 Vanguard Market Liquidity Fund	0.640%	2,605,370	260,563
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		Face Amount
	Maturity Date	(\$000)

U.S. Government and Agency Obligations (0.0%)

5,6 Freddie Mac Discount Notes	0.300%	11/8/16	100	100
6 United States Treasury Bill	0.311%	12/1/16	300	300
6 United States Treasury Bill	0.275%-0.312%	12/8/16	2,800	2,799
				3,199
Total Temporary Cash Investments (Cost \$263,745)				263,762
Total Investments (100.9%) (Cost \$18,037,463)				21,383,919
Other Assets and Liabilities-Net (-0.9%)⁴				(195,619)
Net Assets (100%)				21,188,300

⁴ Includes partial security positions on loan to broker-dealers. The total value of securities on loan is \$184,439,000.

* Non-income-producing security.

1 The fund invests a portion of its cash reserves in equity markets through the use of index futures and swap contracts. After giving effect to futures and swap investments, the fund's effective common stock and temporary cash investment positions represent 100.0% and 0.9%, respectively, of net assets.

2 "Other" represents securities that are not classified by the fund's benchmark index.

3 Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.

4 Includes \$190,540,000 of collateral received for securities on loan.

5 The issuer was placed under federal conservatorship in September 2008; since that time, its daily operations have been managed by the Federal Housing Finance Agency and it receives capital from the U.S. Treasury, as needed to maintain a positive net worth, in exchange for senior preferred stock.

6 Securities with a value of \$2,699,000 have been segregated as initial margin for open futures contracts.

CVR—Contingent Value Rights.

REIT—Real Estate Investment Trust.

A. Security Valuation: Securities are valued as of the close of trading on the New York Stock Exchange (generally 4 p.m., Eastern time) on the valuation date. Equity securities are valued at the latest quoted sales prices or official closing prices taken from the primary market in which each security trades; such securities not traded on the valuation date are valued at the mean of the latest quoted bid and asked prices. Securities for which market quotations are not readily available, or whose values have been materially affected by events occurring before the fund's pricing time but after the close of the securities' primary markets, are valued by methods deemed by the board of trustees to represent fair value. Investments in Vanguard Market Liquidity Fund are valued at that fund's net asset value. Temporary cash investments acquired over 60 days to maturity are valued using the latest bid prices or using valuations based on a matrix system (which considers such factors as security prices, yields, maturities, and ratings), both as furnished by independent pricing services. Other temporary cash investments are valued at amortized cost, which approximates market value.

B. Various inputs may be used to determine the value of the fund's investments. These inputs are summarized in three broad levels for financial statement purposes. The inputs or methodologies used to value securities are not necessarily an indication of the risk associated with investing in those securities.

Level 1—Quoted prices in active markets for identical securities.

Level 2—Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3—Significant unobservable inputs (including the fund's own assumptions used to determine the fair value of investments).

The following table summarizes the market value of the fund's investments as of September 30, 2016, based on the inputs used to value them:

Investments	Level 1 (\$000)	Level 2 (\$000)	Level 3 (\$000)
Common Stocks	21,118,961	—	1,196
Temporary Cash Investments	260,563	3,199	—
Futures Contracts—Assets ¹	500	—	—
Swap Contracts—Assets	—	362	—
Swap Contracts—Liabilities	—	(24)	—
Total	21,380,024	3,537	1,196

1 Represents variation margin on the last day of the reporting period.

Small-Cap Value Index Fund

C. Futures Contracts: The fund uses index futures contracts to a limited extent, with the objectives of maintaining full exposure to the stock market, enhancing returns, maintaining liquidity, and minimizing transaction costs. The fund may purchase futures contracts to immediately invest incoming cash in the market, or sell futures in response to cash outflows, thereby simulating a fully invested position in the underlying index while maintaining a cash balance for liquidity. The fund may seek to enhance returns by using futures contracts instead of the underlying securities when futures are believed to be priced more attractively than the underlying securities. The primary risks associated with the use of futures contracts are imperfect correlation between changes in market values of stocks held by the fund and the prices of futures contracts, and the possibility of an illiquid market. Counterparty risk involving futures is mitigated because a regulated clearinghouse is the counterparty instead of the clearing broker. To further mitigate counterparty risk, the fund trades futures contracts on an exchange, monitors the financial strength of its clearing brokers and clearinghouse, and has entered into clearing agreements with its clearing brokers. The clearinghouse imposes initial margin requirements to secure the fund's performance and requires daily settlement of variation margin representing changes in the market value of each contract.

Futures contracts are valued at their quoted daily settlement prices. The aggregate settlement values of the contracts are not recorded in the Schedule of Investments. Fluctuations in the value of the contracts are recorded as an asset (liability).

At September 30, 2016, the aggregate settlement value of open futures contracts and the related unrealized appreciation (depreciation) were:

		(\$000)		
		Number of	Aggregate	Unrealized
		Long (Short)	Settlement	Appreciation
Futures Contracts	Expiration	Contracts	Value Long (Short)	(Depreciation)
E-mini S&P Mid-Cap 400 Index	December 2016	218	33,781	377
E-mini Russell 2000 Index	December 2016	170	21,221	618
				995

Unrealized appreciation (depreciation) on open futures contracts is required to be treated as realized gain (loss) for tax purposes.

D. Swap Contracts: The fund has entered into equity swap contracts to earn the total return on selected reference stocks in the fund's target index. Under the terms of the swaps, the fund receives the total return on the referenced stock (i.e., receiving the increase or paying the decrease in value of the selected reference stock and receiving the equivalent of any dividends in respect of the selected referenced stock) over a specified period of time, applied to a notional amount that represents the value of a designated number of shares of the selected reference stock at the beginning of the equity swap contract. The fund also pays a floating rate that is based on short-term interest rates, applied to the notional amount. At the same time, the fund invests an amount approximating the notional amount of the swap in high-quality temporary cash investments.

The notional amounts of swap contracts are not recorded in the Schedule of Investments. Swaps are valued daily based on market quotations received from independent pricing services or recognized dealers and the change in value is recorded as unrealized appreciation (depreciation) until termination of the swap, at which time realized gain (loss) is recorded. A risk associated with all types of swaps is

Small-Cap Value Index Fund

the possibility that a counterparty may default on its obligation to pay net amounts due to the fund. The fund's maximum amount subject to counterparty risk is the unrealized appreciation on the swap contract. The fund mitigates its counterparty risk by entering into swaps only with a diverse group of prequalified counterparties, monitoring their financial strength, entering into master netting arrangements with its counterparties, and requiring its counterparties to transfer collateral as security for their performance. In the absence of a default, the collateral pledged or received by the fund cannot be repledged, resold or rehypothecated. In the event of a counterparty's default (including bankruptcy), the fund may terminate any swap contracts with that counterparty, determine the net amount owed by either party in accordance with its master netting arrangements, and sell or retain any collateral held up to the net amount owed to the fund under the master netting arrangements. The swap contracts contain provisions whereby a counterparty may terminate open contracts if the fund's net assets decline below a certain level, triggering a payment by the fund if the fund is in a net liability position at the time of the termination. The payment amount would be reduced by any collateral the fund has pledged. Any securities pledged as collateral for open contracts are noted in the Schedule of Investments. The value of collateral received or pledged is compared daily to the value of the swap contracts exposure with each counterparty, and any difference, if in excess of a specified minimum transfer amount, is adjusted and settled within two business days.

At September 30, 2016, the fund had the following open total return swap contracts:

Reference Entity	Termination Date	Counterparty	Notional Amount (\$000)	Floating Interest Rate Received (Paid)	Unrealized Appreciation (Depreciation) (\$000)
Ambac Financial Group Inc.	10/6/16	GSCM	3,510	(0.913%)	19
Ambac Financial Group Inc.	10/6/16	GSCM	649	(0.922%)	(24)
SLM Corp.	11/23/16	GSCM	14,877	(0.943%)	343
					<u>338</u>

GSCM—Goldman Sachs Capital Management.

E. At September 30, 2016, the cost of investment securities for tax purposes was \$18,042,074,000. Net unrealized appreciation of investment securities for tax purposes was \$3,341,845,000, consisting of unrealized gains of \$4,267,851,000 on securities that had risen in value since their purchase and \$926,006,000 in unrealized losses on securities that had fallen in value since their purchase.

Vanguard Small-Cap Growth Index Fund

Schedule of Investments (unaudited)

As of September 30, 2016

	Shares	Market Value (\$000)
Common Stocks (99.8%)¹		
Basic Materials (2.2%)		
Royal Gold Inc.	795,605	61,604
NewMarket Corp.	115,536	49,602
US Silica Holdings Inc.	774,785	36,074
Balchem Corp.	385,519	29,889
* Coeur Mining Inc.	1,978,420	23,405
KapStone Paper and Packaging Corp.	1,060,177	20,059
* Stillwater Mining Co.	1,477,197	19,735
* Platform Specialty Products Corp.	2,321,814	18,830
* Cambrex Corp.	392,247	17,439
Minerals Technologies Inc.	212,419	15,016
Hecla Mining Co.	2,357,038	13,435
* Ingevity Corp.	256,796	11,838
*,^ Fairmount Santrol Holdings Inc.	1,281,288	10,865

Calgon Carbon Corp.	616,042	9,345
Deltic Timber Corp.	133,083	9,014
* Ferro Corp.	505,762	6,985
American Vanguard Corp.	321,000	5,155
		358,290
Consumer Goods (7.8%)		
* Middleby Corp.	701,971	86,778
Gentex Corp.	3,496,181	61,393
* TreeHouse Foods Inc.	692,137	60,348
* Post Holdings Inc.	748,697	57,777
* Toll Brothers Inc.	1,819,704	54,336
Brunswick Corp.	1,101,227	53,718
Carter's Inc.	580,548	50,339
* Take-Two Interactive Software Inc.	1,050,164	47,341
Pool Corp.	486,915	46,023
* Hain Celestial Group Inc.	1,260,536	44,850
B&G Foods Inc.	809,534	39,813
* Skechers U.S.A. Inc. Class A	1,624,554	37,202
* Tempur Sealy International Inc.	605,026	34,329
CalAtlantic Group Inc.	937,737	31,358
Drew Industries Inc.	285,225	27,958
* Kate Spade & Co.	1,560,620	26,733
* Zynga Inc. Class A	8,856,814	25,773
Vector Group Ltd.	1,189,851	25,618
* Dorman Products Inc.	400,800	25,611
*,^ Blue Buffalo Pet Products Inc.	1,077,073	25,591
*,^ Fitbit Inc. Class A	1,699,632	25,223
* TRI Pointe Group Inc.	1,766,557	23,283
* Deckers Outdoor Corp.	390,589	23,260
* Steven Madden Ltd.	672,105	23,228
J&J Snack Foods Corp.	181,886	21,666
WD-40 Co.	164,971	18,548
Flowers Foods Inc.	1,135,913	17,175
*,^ GoPro Inc. Class A	1,005,416	16,770
* Boston Beer Co. Inc. Class A	105,018	16,305

* ^ Wayfair Inc.	411,771	16,211
* Meritage Homes Corp.	464,171	16,107
Lancaster Colony Corp.	117,195	15,480
* Gentherm Inc.	445,589	14,000
* iRobot Corp.	315,486	13,875
* G-III Apparel Group Ltd.	473,166	13,793
* Manitowoc Foodservice Inc.	837,918	13,591
Interface Inc. Class A	791,735	13,214
Oxford Industries Inc.	183,729	12,439
MDC Holdings Inc.	476,958	12,306
* Select Comfort Corp.	533,077	11,515
Columbia Sportswear Co.	170,597	9,680
* USANA Health Sciences Inc.	66,298	9,172
DTS Inc.	203,945	8,676
Coca-Cola Bottling Co. Consolidated	56,684	8,398
* AdvancePierre Foods Holdings Inc.	280,584	7,733
* ^ National Beverage Corp.	141,416	6,229
* ^ Amplify Snack Brands Inc.	363,632	5,891
* Revlon Inc. Class A	127,593	4,693
Phibro Animal Health Corp. Class A	114,356	3,108
Metaldyne Performance Group Inc.	81,701	1,295
* Valvoline Inc.	12,520	294
		1,266,047

Consumer Services (13.9%)

Domino's Pizza Inc.	588,816	89,412
* Burlington Stores Inc.	870,642	70,539
Vail Resorts Inc.	440,783	69,150
Sabre Corp.	2,375,131	66,931
* VCA Inc.	937,446	65,602
* Copart Inc.	1,201,241	64,338
Dunkin' Brands Group Inc.	1,119,740	58,316
Dick's Sporting Goods Inc.	1,020,381	57,876
Casey's General Stores Inc.	478,421	57,482
* Panera Bread Co. Class A	271,809	52,927
Six Flags Entertainment Corp.	907,238	48,637
* Sally Beauty Holdings Inc.	1,785,338	45,848
* GrubHub Inc.	1,038,293	44,636
* Live Nation Entertainment Inc.	1,609,199	44,221
* Madison Square Garden Co. Class A	238,431	40,393
* Pandora Media Inc.	2,674,592	38,327
Jack in the Box Inc.	398,210	38,204
* AMC Networks Inc. Class A	730,086	37,862
* Bright Horizons Family Solutions Inc.	538,254	36,004
* Sprouts Farmers Market Inc.	1,718,167	35,480
Rollins Inc.	1,198,769	35,100
* Yelp Inc. Class A	797,472	33,255
* Cabela's Inc.	583,982	32,078
* Urban Outfitters Inc.	927,734	32,025
* Buffalo Wild Wings Inc.	222,909	31,372
* Michaels Cos. Inc.	1,264,001	30,551
Texas Roadhouse Inc. Class A	772,464	30,149
* Hawaiian Holdings Inc.	618,526	30,060
Cheesecake Factory Inc.	556,554	27,861
* ServiceMaster Global Holdings Inc.	825,506	27,803
* Groupon Inc. Class A	5,231,147	26,940
* Five Below Inc.	666,760	26,864

Papa John's International Inc.

315,446

24,873

* Media General Inc.	1,342,837	24,749
Churchill Downs Inc.	161,582	23,648
Lions Gate Entertainment Corp.	1,169,484	23,378
* Grand Canyon Education Inc.	574,031	23,185
Monro Muffler Brake Inc.	373,986	22,877
* WebMD Health Corp.	451,495	22,439
Sotheby's	571,630	21,733
Allegiant Travel Co. Class A	160,899	21,250
^ Nexstar Broadcasting Group Inc. Class A	355,629	20,523
PriceSmart Inc.	240,984	20,185
* Dave & Buster's Entertainment Inc.	513,161	20,106
Choice Hotels International Inc.	410,677	18,513
* Liberty TripAdvisor Holdings Inc. Class A	834,835	18,241
* Spirit Airlines Inc.	427,375	18,176
Marriott Vacations Worldwide Corp.	247,077	18,116
*,^ Stamps.com Inc.	189,717	17,930
* Shutterfly Inc.	393,767	17,578
* comScore Inc.	553,198	16,961
* Etsy Inc.	1,178,672	16,831
* Caesars Acquisition Co. Class A	1,342,260	16,671
Morningstar Inc.	210,197	16,662
*,^ Restoration Hardware Holdings Inc.	470,930	16,285
*,^ SolarCity Corp.	794,887	15,548
* Ollie's Bargain Outlet Holdings Inc.	588,461	15,424
* Liberty Media Group LLC	544,071	15,310
*,^ Diplomat Pharmacy Inc.	526,826	14,756
Sonic Corp.	551,669	14,443
* Popeyes Louisiana Kitchen Inc.	259,489	13,789
* Belmond Ltd. Class A	1,054,883	13,408
* Ascena Retail Group Inc.	2,250,179	12,579
* Penn National Gaming Inc.	917,248	12,447
Bloomin' Brands Inc.	684,088	11,794
National CineMedia Inc.	758,063	11,159
Interval Leisure Group Inc.	648,880	11,141
ClubCorp Holdings Inc.	761,366	11,017
*,^ Hibbett Sports Inc.	273,641	10,918
*,^ Quotient Technology Inc.	766,419	10,201
*,^ Planet Fitness Inc. Class A	487,748	9,789
* BJ's Restaurants Inc.	250,742	8,914
World Wrestling Entertainment Inc. Class A	403,511	8,595
Red Rock Resorts Inc. Class A	352,236	8,309
AMC Entertainment Holdings Inc.	263,722	8,199
* Pinnacle Entertainment Inc.	659,623	8,140
* Fiesta Restaurant Group Inc.	329,037	7,897
Wingstop Inc. Class A	261,856	7,672
HSN Inc.	190,566	7,585
* Liberty Media Group LLC Class A	264,255	7,571
* Francesca's Holdings Corp.	488,052	7,531
* Scientific Games Corp. Class A	638,263	7,193
*,^ Shake Shack Inc. Class A	203,855	7,068
* Tile Shop Holdings Inc.	406,943	6,735
* Virgin America Inc.	122,423	6,551
*,^ Lumber Liquidators Holdings Inc.	313,379	6,164
* Party City Holdco Inc.	357,593	6,122
* Clean Energy Fuels Corp.	1,355,450	6,059
*,^ TrueCar Inc.	616,951	5,824
* EW Scripps Co. Class A	348,059	5,534

* SiteOne Landscape Supply Inc.	144,217	5,182
* Global Eagle Entertainment Inc.	609,986	5,069
* Angie's List Inc.	464,369	4,602
Blue Nile Inc.	127,029	4,372
New Media Investment Group Inc.	257,613	3,993
* Potbelly Corp.	306,183	3,806
*,^ El Pollo Loco Holdings Inc.	256,799	3,233
* Habit Restaurants Inc. Class A	207,611	2,907
* Biglari Holdings Inc.	6,376	2,780
*,^ Caesars Entertainment Corp.	357,221	2,661
* Bojangles' Inc.	112,338	1,793
*,^ Noodles & Co. Class A	113,820	542
* At Home Group Inc.	6,277	95

2,269,574

Financials (22.0%)

Regency Centers Corp.	1,274,639	98,772
WP Carey Inc.	1,290,021	83,245
American Campus Communities Inc.	1,591,885	80,979
Gaming and Leisure Properties Inc.	2,345,530	78,458
Kilroy Realty Corp.	1,125,717	78,068
Spirit Realty Capital Inc.	5,852,723	78,017
* Signature Bank	615,672	72,926
Equity LifeStyle Properties Inc.	936,836	72,305
MarketAxess Holdings Inc.	436,182	72,227
* SVB Financial Group	634,327	70,118
DDR Corp.	3,794,325	66,135
Lamar Advertising Co. Class A	1,009,933	65,959
* Liberty Ventures Class A	1,648,315	65,718
CBOE Holdings Inc.	991,884	64,324
Douglas Emmett Inc.	1,748,994	64,066
Sun Communities Inc.	794,427	62,347
CubeSmart	2,185,709	59,582
American Homes 4 Rent Class A	2,608,703	56,452
Communications Sales & Leasing Inc.	1,784,585	56,054
Healthcare Trust of America Inc. Class A	1,681,571	54,853
Medical Properties Trust Inc.	3,683,283	54,402
Bank of the Ozarks Inc.	1,402,643	53,861
DCT Industrial Trust Inc.	1,099,140	53,363
* Life Storage Inc.	566,337	50,370
* Howard Hughes Corp.	437,104	50,048
Gramercy Property Trust	5,142,617	49,575
Healthcare Realty Trust Inc.	1,412,313	48,103
CyrusOne Inc.	968,387	46,066
Tanger Factory Outlet Centers Inc.	1,170,683	45,610
Investors Bancorp Inc.	3,783,953	45,445
* Western Alliance Bancorp	1,152,732	43,274
Mid-America Apartment Communities Inc.	460,200	43,254
Post Properties Inc.	652,235	43,132
*,^ Zillow Group Inc.	1,244,393	43,118
Hudson Pacific Properties Inc.	1,309,032	43,028
Omega Healthcare Investors Inc.	1,178,554	41,780

Education Realty Trust Inc.	890,497	38,416
Physicians Realty Trust	1,640,660	35,340
Acadia Realty Trust	973,287	35,272
Equity One Inc.	1,139,237	34,872
Urban Edge Properties	1,211,292	34,086
Forest City Realty Trust Inc. Class A	1,471,355	34,032

Paramount Group Inc.	2,009,561	32,937
* Texas Capital Bancshares Inc.	559,976	30,754
CoreSite Realty Corp.	413,597	30,623
Home BancShares Inc.	1,457,197	30,324
PacWest Bancorp	697,229	29,918
Duke Realty Corp.	1,068,432	29,200
Retail Opportunity Investments Corp.	1,327,598	29,154
NorthStar Asset Management Group Inc.	2,193,080	28,357
Kite Realty Group Trust	1,016,215	28,169
STORE Capital Corp.	934,281	27,533
Cousins Properties Inc.	2,562,265	26,750
* FirstCash Inc.	560,497	26,388
PS Business Parks Inc.	231,654	26,309
QTS Realty Trust Inc. Class A	484,716	25,617
Ryman Hospitality Properties Inc.	529,376	25,495
*,^ LendingClub Corp.	4,051,222	25,037
Kennedy-Wilson Holdings Inc.	1,096,261	24,721
Pebblebrook Hotel Trust	878,447	23,367
* Essent Group Ltd.	850,465	22,631
Alexander & Baldwin Inc.	567,795	21,815
*,^ Zillow Group Inc. Class A	623,822	21,491
STAG Industrial Inc.	869,800	21,319
* Blackhawk Network Holdings Inc.	686,990	20,726
Evercore Partners Inc. Class A	402,205	20,718
* OneMain Holdings Inc. Class A	657,502	20,350
* Hilltop Holdings Inc.	901,177	20,240
*,^ Credit Acceptance Corp.	99,179	19,942
Outfront Media Inc.	841,405	19,899
* HealthEquity Inc.	516,382	19,545
Sabra Health Care REIT Inc.	756,757	19,055
Financial Engines Inc.	640,774	19,037
* Eagle Bancorp Inc.	368,857	18,196
Ramco-Gershenson Properties Trust	966,965	18,121
Colony Starwood Homes	619,017	17,766
Parkway Properties Inc.	1,022,729	17,397
* FCB Financial Holdings Inc. Class A	438,309	16,844
Chesapeake Lodging Trust	733,459	16,796
LegacyTexas Financial Group Inc.	494,774	15,650
WisdomTree Investments Inc.	1,417,429	14,585
Kearny Financial Corp.	1,028,159	13,993
Washington Prime Group Inc.	1,128,198	13,967
NRG Yield Inc.	767,174	13,011
TFS Financial Corp.	694,422	12,368
HFF Inc. Class A	439,783	12,178
* Black Knight Financial Services Inc. Class A	295,614	12,091
Colony Capital Inc. Class A	656,174	11,962
New Senior Investment Group Inc.	999,090	11,529
Monogram Residential Trust Inc.	1,017,637	10,828
* St. Joe Co.	586,263	10,776
Cohen & Steers Inc.	251,106	10,735

CareTrust REIT Inc.	705,011	10,420
Alexander's Inc.	24,817	10,413
FelCor Lodging Trust Inc.	1,600,706	10,293
American Assets Trust Inc.	235,051	10,196
Capital Bank Financial Corp.	272,860	8,762
Simmons First National Corp. Class A	166,609	8,314
Urstadt Biddle Properties Inc. Class A	360,198	8,004

* ^ Bofl Holding Inc.	346,169	7,754
* Third Point Reinsurance Ltd.	645,851	7,750
InfraREIT Inc.	425,586	7,720
^ Seritage Growth Properties Class A	142,336	7,214
Greenhill & Co. Inc.	305,885	7,210
NRG Yield Inc. Class A	420,304	6,859
Silver Bay Realty Trust Corp.	387,021	6,784
Moelis & Co. Class A	250,080	6,725
Altisource Residential Corp.	595,919	6,496
* ^ Nationstar Mortgage Holdings Inc.	355,147	5,260
* Marcus & Millichap Inc.	182,800	4,780
* Altisource Portfolio Solutions SA	145,001	4,698
Hersha Hospitality Trust Class A	244,897	4,413
* Tejon Ranch Co.	176,328	4,288
* PennyMac Financial Services Inc. Class A	245,039	4,168
* Ocwen Financial Corp.	1,130,800	4,150
Northfield Bancorp Inc.	249,676	4,020
National Bank Holdings Corp. Class A	152,990	3,575
* ^ Encore Capital Group Inc.	139,588	3,138
* ^ On Deck Capital Inc.	481,233	2,743
* NewStar Financial Inc.	226,803	2,202
Houlihan Lokey Inc.	74,129	1,857
RMR Group Inc. Class A	37,103	1,408
Associated Capital Group Inc. Class A	27,980	992
		3,585,872

Health Care (14.7%)

* DexCom Inc.	972,301	85,232
* Align Technology Inc.	878,990	82,405
* MEDNAX Inc.	1,141,803	75,644
West Pharmaceutical Services Inc.	893,405	66,559
* Seattle Genetics Inc.	1,198,938	64,755
* ABIOMED Inc.	472,119	60,705
* Ionis Pharmaceuticals Inc.	1,475,904	54,077
* Neurocrine Biosciences Inc.	1,057,612	53,557
Bio-Techne Corp.	453,547	49,663
* Cepheid	891,293	46,962
* Acadia Healthcare Co. Inc.	905,765	44,881
* Amsurg Corp.	669,259	44,874
* PAREXEL International Corp.	644,718	44,776
* ^ OPKO Health Inc.	4,071,075	43,113
* NuVasive Inc.	611,825	40,784
* Catalent Inc.	1,520,492	39,289
STERIS plc	525,030	38,380
* ^ Sarepta Therapeutics Inc.	613,951	37,703
* ^ ACADIA Pharmaceuticals Inc.	1,167,292	37,132
* Exelixis Inc.	2,806,570	35,896
* Horizon Pharma plc	1,957,444	35,488
Healthcare Services Group Inc.	839,239	33,217
* Masimo Corp.	542,459	32,271
* ^ Intercept Pharmaceuticals Inc.	195,837	32,233
Cantel Medical Corp.	406,732	31,717
* ^ United Therapeutics Corp.	264,835	31,272
* Medicines Co.	817,160	30,840
* Wright Medical Group NV	1,255,177	30,789
* ^ Bluebird Bio Inc.	452,895	30,697
* Akorn Inc.	1,074,989	29,304
Bruker Corp.	1,281,933	29,036

* ARIAD Pharmaceuticals Inc.	2,113,407	28,933
* Nektar Therapeutics	1,666,751	28,635
* Insulet Corp.	697,742	28,566
* INC Research Holdings Inc. Class A	618,355	27,566
* Nevro Corp.	260,432	27,186
* Team Health Holdings Inc.	814,115	26,508
* Ironwood Pharmaceuticals Inc. Class A	1,585,026	25,170
* Neogen Corp.	436,051	24,393
*,^ Exact Sciences Corp.	1,300,920	24,158
*,^ Radius Health Inc.	446,388	24,145
*,^ Ligand Pharmaceuticals Inc.	229,013	23,373
* Penumbra Inc.	303,156	23,037
* HMS Holdings Corp.	1,029,858	22,832
* Puma Biotechnology Inc.	336,946	22,592
* ICU Medical Inc.	177,157	22,389
*,^ Agios Pharmaceuticals Inc.	404,142	21,347
* Impax Laboratories Inc.	900,299	21,337
* PRA Health Sciences Inc.	371,685	21,004
* NxStage Medical Inc.	787,593	19,682
* Globus Medical Inc.	831,820	18,774
*,^ Intrexon Corp.	649,624	18,202
* Alder Biopharmaceuticals Inc.	520,505	17,057
* Amedisys Inc.	347,984	16,508
* Halozyme Therapeutics Inc.	1,330,177	16,069
*,^ Theravance Biopharma Inc.	436,954	15,835
* Ultragenyx Pharmaceutical Inc.	216,665	15,370
* Pacira Pharmaceuticals Inc.	432,133	14,788
*,^ Juno Therapeutics Inc.	484,484	14,539
Abaxis Inc.	261,515	13,499
Analogic Corp.	151,127	13,390
* Emergent BioSolutions Inc.	420,141	13,247
* Air Methods Corp.	418,834	13,189
* FibroGen Inc.	613,757	12,705
* Endologix Inc.	954,447	12,217
* Acorda Therapeutics Inc.	563,412	11,764
* Achillion Pharmaceuticals Inc.	1,419,729	11,500
* Haemonetics Corp.	313,525	11,353
* Luminex Corp.	477,075	10,839
*,^ Innoviva Inc.	946,905	10,406
* AMAG Pharmaceuticals Inc.	417,675	10,237
*,^ Lannett Co. Inc.	381,891	10,147
Meridian Bioscience Inc.	512,436	9,885
*,^ Merrimack Pharmaceuticals Inc.	1,492,345	9,476
* Depomed Inc.	373,104	9,324
*,^ Lexicon Pharmaceuticals Inc.	508,018	9,180
* Momenta Pharmaceuticals Inc.	776,879	9,082
* Orthofix International NV	209,756	8,971
* Myriad Genetics Inc.	420,350	8,651
* HealthStream Inc.	308,606	8,517
* Spark Therapeutics Inc.	139,670	8,389
* Natus Medical Inc.	191,279	7,515
* Quidel Corp.	314,944	6,957
*,^ Novavax Inc.	3,296,204	6,856
*,^ Adeptus Health Inc. Class A	158,968	6,844
* Avexis Inc.	163,869	6,753
*,^ TherapeuticsMD Inc.	955,291	6,506
* Genomic Health Inc.	223,129	6,453

* Merit Medical Systems Inc.	256,263	6,225
* Acceleron Pharma Inc.	171,306	6,200
* Accuray Inc.	941,953	6,000
Ensign Group Inc.	291,396	5,866
* Inmed Inc.	375,975	5,459
* Arena Pharmaceuticals Inc.	2,956,696	5,174
*,^ Keryx Biopharmaceuticals Inc.	965,343	5,126
* Epizyme Inc.	491,158	4,833
* Surgery Partners Inc.	235,946	4,776
* CorVel Corp.	119,049	4,571
*,^ Novocure Ltd.	526,857	4,499
*,^ Aduro Biotech Inc.	354,242	4,403
*,^ ZIOPHARM Oncology Inc.	729,736	4,108
*,^ Insys Therapeutics Inc.	348,012	4,103
* ConforMIS Inc.	384,060	3,810
* Glaukos Corp.	100,354	3,787
* Spectrum Pharmaceuticals Inc.	782,873	3,656
* Natera Inc.	312,975	3,477
*,^ Editas Medicine Inc.	222,525	3,000
*,^ Teladoc Inc.	152,779	2,797
*,^ Seres Therapeutics Inc.	223,400	2,746
* Amicus Therapeutics Inc.	315,775	2,337
*,^ MannKind Corp.	3,751,978	2,326
* American Renal Associates Holdings Inc.	113,499	2,074
*,^ ImmunoGen Inc.	530,707	1,422
*,^ Intellia Therapeutics Inc.	65,561	1,116
* Infinity Pharmaceuticals Inc.	390,288	609
* Wright Medical Group Inc. CVR	165,303	215

2,391,813

Industrials (17.3%)

AO Smith Corp.	904,515	89,357
* CoStar Group Inc.	397,750	86,125
Jack Henry & Associates Inc.	962,494	82,341
Lennox International Inc.	504,004	79,144
* HD Supply Holdings Inc.	2,447,586	78,274
Nordson Corp.	625,881	62,357
Toro Co.	1,274,723	59,708
* Old Dominion Freight Line Inc.	858,519	58,903
Cognex Corp.	985,913	52,115
* WEX Inc.	468,689	50,661
Graco Inc.	678,610	50,217
Hexcel Corp.	1,128,053	49,973
* Euronet Worldwide Inc.	603,190	49,359
* Genesee & Wyoming Inc. Class A	697,842	48,116
Packaging Corp. of America	575,233	46,743
MAXIMUS Inc.	791,690	44,778
*,^ XPO Logistics Inc.	1,208,392	44,312
Watsco Inc.	314,481	44,310
Eagle Materials Inc.	558,657	43,184
* Zebra Technologies Corp.	611,075	42,537
Woodward Inc.	674,583	42,148
National Instruments Corp.	1,410,611	40,061
* Genpact Ltd.	1,642,508	39,338
* TransUnion	1,113,445	38,414
Littelfuse Inc.	273,587	35,241
Landstar System Inc.	513,121	34,933
* IPG Photonics Corp.	421,038	34,672

* USG Corp.	1,336,505	34,549
Air Lease Corp. Class A	1,190,961	34,038
* Keysight Technologies Inc.	1,039,169	32,931
* Berry Plastics Group Inc.	740,834	32,486
* Clean Harbors Inc.	630,965	30,274
HEICO Corp. Class A	497,192	30,085
* Cimpres NV	288,940	29,235
* Universal Display Corp.	514,968	28,586
*,^ Ambarella Inc.	380,317	27,995
* WageWorks Inc.	445,909	27,160
FLIR Systems Inc.	836,638	26,287
* Itron Inc.	443,025	24,703
* Cardtronics plc Class A	551,697	24,606
John Bean Technologies Corp.	337,525	23,812
Mueller Water Products Inc. Class A	1,872,066	23,494
* Masonite International Corp.	372,663	23,168
Mueller Industries Inc.	696,477	22,580
Knight Transportation Inc.	779,991	22,378
Covanta Holding Corp.	1,431,950	22,038
Simpson Manufacturing Co. Inc.	501,260	22,030
* Advisory Board Co.	490,393	21,940
CEB Inc.	392,825	21,397
* On Assignment Inc.	585,648	21,253
* RBC Bearings Inc.	275,233	21,050
* Trex Co. Inc.	358,005	21,022
AZZ Inc.	316,329	20,647
Franklin Electric Co. Inc.	479,369	19,515
* ExlService Holdings Inc.	388,192	19,347
CLARCOR Inc.	297,412	19,332
* Imperva Inc.	358,245	19,241
* AMN Healthcare Services Inc.	586,074	18,678
*,^ Smith & Wesson Holding Corp.	684,934	18,212
* Proto Labs Inc.	290,170	17,384
* LifeLock Inc.	1,017,122	17,210
* Summit Materials Inc. Class A	920,565	17,076
* MACOM Technology Solutions Holdings Inc.	393,004	16,640
* Coherent Inc.	148,254	16,388
* Louisiana-Pacific Corp.	867,565	16,336
Forward Air Corp.	369,188	15,971
* Hub Group Inc. Class A	389,265	15,866
Apogee Enterprises Inc.	351,623	15,714
* II-VI Inc.	640,424	15,582
* TopBuild Corp.	469,283	15,580
Exponent Inc.	301,425	15,391
Methode Electronics Inc.	428,385	14,981
* OSI Systems Inc.	219,908	14,378
AAON Inc.	484,888	13,974
Tennant Co.	214,858	13,923
* Rogers Corp.	219,387	13,400
Sturm Ruger & Co. Inc.	231,370	13,364
HEICO Corp.	189,280	13,098
* Paylocity Holding Corp.	280,254	12,460
*,^ Inovalon Holdings Inc. Class A	828,206	12,183
Badger Meter Inc.	343,449	11,509
* Team Inc.	339,164	11,094
* TriNet Group Inc.	512,502	11,085

* DigitalGlobe Inc.	382,146	10,509
* Armstrong World Industries Inc.	253,951	10,493
* Press Ganey Holdings Inc.	259,311	10,476
Primoris Services Corp.	504,499	10,393
Advanced Drainage Systems Inc.	431,526	10,383
* Continental Building Products Inc.	491,753	10,322
Raven Industries Inc.	440,320	10,141
* Veeco Instruments Inc.	495,135	9,719
Lindsay Corp.	123,001	9,100
Sun Hydraulics Corp.	278,289	8,980
* TASER International Inc.	301,302	8,620
Mobile Mini Inc.	269,984	8,154
* Huron Consulting Group Inc.	132,137	7,896
* Thermon Group Holdings Inc.	391,998	7,742
Albany International Corp.	175,636	7,443
EnPro Industries Inc.	130,705	7,427
* Evolent Health Inc. Class A	297,525	7,325
* FARO Technologies Inc.	202,631	7,285
* Headwaters Inc.	427,845	7,239
Quanex Building Products Corp.	416,266	7,185
Comfort Systems USA Inc.	227,486	6,668
* Aerovironment Inc.	255,818	6,245
* Builders FirstSource Inc.	505,258	5,816
* Multi Packaging Solutions International Ltd.	376,567	5,426
* InnerWorkings Inc.	565,879	5,331
* Bazaarvoice Inc.	897,912	5,307
Gorman-Rupp Co.	206,100	5,278
* Astronics Corp.	101,599	4,577
* Mistras Group Inc.	194,501	4,565
Griffon Corp.	209,819	3,569
* Ply Gem Holdings Inc.	250,863	3,352
* Roadrunner Transportation Systems Inc.	378,636	3,022
* Armstrong Flooring Inc.	141,941	2,680
* GMS Inc.	49,762	1,106
* Astronics Corp. Class B	15,426	697
		2,812,995
Oil & Gas (4.1%)		
* Diamondback Energy Inc.	951,974	91,904
* Southwestern Energy Co.	6,020,068	83,318
* Parsley Energy Inc. Class A	1,957,363	65,591
* Newfield Exploration Co.	1,212,115	52,678
* Rice Energy Inc.	1,919,331	50,114
* PDC Energy Inc.	672,230	45,080
* Gulfport Energy Corp.	1,527,638	43,156
Patterson-UTI Energy Inc.	1,710,156	38,256
* RSP Permian Inc.	805,054	31,220
* Carrizo Oil & Gas Inc.	682,671	27,730
* Matador Resources Co.	1,023,740	24,918
SM Energy Co.	515,288	19,880
Pattern Energy Group Inc. Class A	840,852	18,911
* Callon Petroleum Co.	959,806	15,069
* SEACOR Holdings Inc.	189,933	11,299
*,^ Laredo Petroleum Inc.	875,871	11,299
*,^ RPC Inc.	665,886	11,187
*,^ Flotek Industries Inc.	657,463	9,559
* Newpark Resources Inc.	976,001	7,183
* Cobalt International Energy Inc.	4,278,827	5,306

* Sanchez Energy Corp.	342,760	3,030
* Clayton Williams Energy Inc.	30,244	2,584
* Bill Barrett Corp.	347,713	1,933
* Eclipse Resources Corp.	477,256	1,570
		672,775

Other (0.0%) 2

* Dyax Corp CVR	1,798,309	1,996
* Clinical Data CVR	132,154	—
		1,996

Technology (16.6%)

* Cadence Design Systems Inc.	3,566,499	91,053
* Ultimate Software Group Inc.	335,082	68,487
* Tyler Technologies Inc.	399,148	68,346
SS&C Technologies Holdings Inc.	2,083,969	67,000
* Fortinet Inc.	1,726,995	63,778
* PTC Inc.	1,401,379	62,095
* athenahealth Inc.	479,661	60,495
IAC/InterActiveCorp	899,405	56,186
* Guidewire Software Inc.	884,074	53,027
* Manhattan Associates Inc.	872,774	50,289
Fair Isaac Corp.	376,228	46,874
* Aspen Technology Inc.	972,025	45,481
* Veeva Systems Inc. Class A	1,061,632	43,824
*,^ Arista Networks Inc.	506,244	43,071
* Rackspace Hosting Inc.	1,303,002	41,292
* EPAM Systems Inc.	589,242	40,840
* ViaSat Inc.	541,300	40,408
* Ellie Mae Inc.	381,452	40,167
* Finisar Corp.	1,342,720	40,013
* Cavium Inc.	670,461	39,021
Blackbaud Inc.	579,105	38,418
* Tableau Software Inc. Class A	694,223	38,370
* Medidata Solutions Inc.	666,556	37,167
j2 Global Inc.	556,813	37,089
* Ciena Corp.	1,682,984	36,689
* Proofpoint Inc.	486,724	36,431
* Integrated Device Technology Inc.	1,554,950	35,919
Monolithic Power Systems Inc.	444,163	35,755
InterDigital Inc.	417,554	33,070
* Advanced Micro Devices Inc.	4,637,860	32,048
* Zendesk Inc.	1,028,786	31,594
* NetScout Systems Inc.	1,065,052	31,153
* Entegris Inc.	1,721,714	29,992
* Allscripts Healthcare Solutions Inc.	2,274,293	29,952
* Dycom Industries Inc.	362,803	29,670
* Fleetmatics Group plc	477,237	28,625
* Silicon Laboratories Inc.	482,460	28,369
* Cornerstone OnDemand Inc.	613,468	28,189
* Electronics For Imaging Inc.	570,528	27,910
* ACI Worldwide Inc.	1,427,762	27,670
* Paycom Software Inc.	547,039	27,423
*,^ FireEye Inc.	1,860,779	27,409
* Lumentum Holdings Inc.	650,338	27,165
LogMeIn Inc.	293,035	26,487
* Synaptics Inc.	449,161	26,312
* CommVault Systems Inc.	487,542	25,903

* ^ 3D Systems Corp.	1,300,281	23,340
* Advanced Energy Industries Inc.	483,821	22,894
Tessera Technologies Inc.	592,471	22,775
* HubSpot Inc.	388,072	22,361
* Gigamon Inc.	387,309	21,225
Power Integrations Inc.	334,726	21,098
Plantronics Inc.	404,781	21,032
* Synchronoss Technologies Inc.	495,496	20,405
* Cirrus Logic Inc.	381,098	20,255
* GoDaddy Inc. Class A	565,996	19,544
* Inphi Corp.	446,780	19,439
* MicroStrategy Inc. Class A	114,633	19,194
* 2U Inc.	486,429	18,625
Cogent Communications Holdings Inc.	500,451	18,422
* Envestnet Inc.	496,184	18,086
NIC Inc.	764,887	17,975
* Syntel Inc.	409,992	17,183
* BroadSoft Inc.	363,770	16,933
* Rambus Inc.	1,341,133	16,764
* Infoblox Inc.	625,066	16,483
* RealPage Inc.	636,881	16,368
MKS Instruments Inc.	327,017	16,263
* ^ Ubiquiti Networks Inc.	299,581	16,028
* ^ Square Inc.	1,359,728	15,854
* Cree Inc.	615,745	15,837
* Infinera Corp.	1,748,529	15,789
* RingCentral Inc. Class A	656,651	15,536
* ^ Shutterstock Inc.	235,177	14,981
* New Relic Inc.	364,268	13,959
* Interactive Intelligence Group Inc.	216,963	13,048
Pegasystems Inc.	418,276	12,335
* Cray Inc.	495,239	11,658
* Mercury Systems Inc.	466,786	11,469
ADTRAN Inc.	589,432	11,282
* Bottomline Technologies de Inc.	474,261	11,055
* Super Micro Computer Inc.	472,047	11,032
Monotype Imaging Holdings Inc.	496,657	10,981
* Diodes Inc.	445,441	9,506
* ^ Gogo Inc.	838,993	9,262
* ^ Pure Storage Inc. Class A	677,470	9,180
* ^ Twilio Inc.	141,934	9,135
* CEVA Inc.	255,291	8,953
* Lattice Semiconductor Corp.	1,316,531	8,544
* InvenSense Inc.	1,024,896	7,605
* Cvent Inc.	231,681	7,347
* Barracuda Networks Inc.	285,179	7,266
* Benefitfocus Inc.	180,278	7,197
* Ultratech Inc.	309,016	7,132
* Nimble Storage Inc.	767,668	6,779
* Endurance International Group Holdings Inc.	772,320	6,758
* ^ Acacia Communications Inc.	65,319	6,746
* Box Inc.	411,891	6,491
* Applied Micro Circuits Corp.	933,765	6,490
* Loral Space & Communications Inc.	156,250	6,111
* Intralinks Holdings Inc.	592,282	5,958
* Actua Corp.	432,186	5,597
* Ixia	444,678	5,558

* CommerceHub Inc.	345,698	5,500
* LivePerson Inc.	631,975	5,315
Forrester Research Inc.	120,790	4,699
* FormFactor Inc.	428,865	4,653
* Sonus Networks Inc.	570,309	4,437
* Virtusa Corp.	163,371	4,032
* Calix Inc.	501,058	3,683
* Rapid7 Inc.	204,519	3,610
*,^ Hortonworks Inc.	430,856	3,598
^ Computer Programs & Systems Inc.	132,805	3,461
* Jive Software Inc.	672,006	2,863
* CommerceHub Inc. Class A	164,589	2,600
* ChannelAdvisor Corp.	144,562	1,869
* Harmonic Inc.	242,674	1,439
* Castlight Health Inc. Class B	322,859	1,343
* MobileIron Inc.	288,606	794
* SecureWorks Corp. Class A	50,316	629
* Nutanix Inc.	4,391	162
* TiVo Corp.	181	4
		2,706,340

Telecommunications (0.3%)

* Cincinnati Bell Inc.	2,557,798	10,436
ATN International Inc.	127,965	8,323
Shenandoah Telecommunications Co.	282,344	7,682
*,^ Globalstar Inc.	5,201,941	6,294
^ Windstream Holdings Inc.	585,044	5,880
		38,615

Utilities (0.9%)

ITC Holdings Corp.	1,871,069	86,967
Ormat Technologies Inc.	484,110	23,436
* Dynegy Inc.	1,431,054	17,731
TerraForm Power Inc. Class A	1,059,178	14,733
*,^ Sunrun Inc.	874,517	5,510
*,^ Vivint Solar Inc.	273,416	864
		149,241

Total Common Stocks (Cost \$12,896,808)	16,253,558
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Coupon

Temporary Cash Investments (2.0%)¹

Money Market Fund (2.0%)

3,4 Vanguard Market Liquidity Fund	0.640%	3,227	322,680
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		Face Amount
	Maturity Date	(\$000)

U.S. Government and Agency Obligations (0.0%)

5	United States Treasury Bill	0.320%	11/25/16	300	300
5	United States Treasury Bill	0.311%-0.321%	12/1/16	700	700
5	United States Treasury Bill	0.275%-0.312%	12/8/16	1,200	1,199
					2,199
Total Temporary Cash Investments (Cost \$324,856)					324,879
Total Investments (101.8%) (Cost \$13,221,664)					16,578,437
Other Assets and Liabilities-Net (-1.8%)⁴					(285,864)
Net Assets (100%)					16,292,573
* Non-income-producing security.					

[^] Includes partial security positions on loan to broker-dealers. The total value of securities on loan is \$259,824,000.

1 The fund invests a portion of its cash reserves in equity markets through the use of index futures contracts. After giving effect to futures investments, the fund's effective common stock and temporary cash investment positions represent 100.0% and 1.8%, respectively, of net assets.

2 "Other" represents securities that are not classified by the fund's benchmark index.

3 Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.

4 Includes \$271,385,000 of collateral received for securities on loan.

5 Securities with a value of \$1,699,000 have been segregated as initial margin for open futures contracts.

CVR—Contingent Value Rights.

REIT—Real Estate Investment Trust.

A. Security Valuation: Securities are valued as of the close of trading on the New York Stock Exchange (generally 4 p.m., Eastern time) on the valuation date. Equity securities are valued at the latest quoted sales prices or official closing prices taken from the primary market in which each security trades; such securities not traded on the valuation date are valued at the mean of the latest quoted bid and asked prices. Securities for which market quotations are not readily available, or whose values have been materially affected by events occurring before the fund's pricing time but after the close of the securities' primary markets, are valued by methods deemed by the board of trustees to represent fair value. Investments in Vanguard Market Liquidity Fund are valued at that fund's net asset value. Temporary cash investments acquired over 60 days to maturity are valued using the latest bid prices or using valuations based on a matrix system (which considers such factors as security prices, yields, maturities, and ratings), both as furnished by independent pricing services. Other temporary cash investments are valued at amortized cost, which approximates market value.

B. Various inputs may be used to determine the value of the fund's investments. These inputs are summarized in three broad levels for financial statement purposes. The inputs or methodologies used to value securities are not necessarily an indication of the risk associated with investing in those securities.

Level 1—Quoted prices in active markets for identical securities.

Level 2—Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3—Significant unobservable inputs (including the fund's own assumptions used to determine the fair value of investments).

The following table summarizes the market value of the fund's investments as of September 30, 2016, based on the inputs used to value them:

Investments	Level 1 (\$000)	Level 2 (\$000)	Level 3 (\$000)
Common Stocks	16,251,562	—	1,996
Temporary Cash Investments	322,680	2,199	—
Futures Contracts—Assets ¹	339	—	—
Total	16,574,581	2,199	1,996

1 Represents variation margin on the last day of the reporting period.

C. Futures Contracts: The fund uses index futures contracts to a limited extent, with the objectives of maintaining full exposure to the stock market, enhancing returns, maintaining liquidity, and minimizing transaction costs. The fund may purchase futures contracts to immediately invest incoming cash in the market, or sell futures in response to cash outflows, thereby simulating a fully

Small-Cap Growth Index Fund

invested position in the underlying index while maintaining a cash balance for liquidity. The fund may seek to enhance returns by using futures contracts instead of the underlying securities when futures are believed to be priced more attractively than the underlying securities. The primary risks associated with the use of futures contracts are imperfect correlation between changes in market values of stocks held by the fund and the prices of futures contracts, and the possibility of an illiquid market. Counterparty risk involving futures is mitigated because a regulated clearinghouse is the counterparty instead of the clearing broker. To further mitigate counterparty risk, the fund trades futures contracts on an exchange, monitors the financial strength of its clearing brokers and clearinghouse, and has entered into clearing agreements with its clearing brokers. The clearinghouse imposes initial margin requirements to secure the fund's performance and requires daily settlement of variation margin representing changes in the market value of each contract.

Futures contracts are valued at their quoted daily settlement prices. The aggregate settlement values of the contracts are not recorded in the Schedule of Investments. Fluctuations in the value of the contracts are recorded as an asset (liability).

At September 30, 2016, the aggregate settlement value of open futures contracts and the related unrealized appreciation (depreciation) were:

(\$000)				
		Number of	Aggregate	Unrealized
		Long (Short)	Settlement	Appreciation
Futures Contracts	Expiration	Contracts	Value Long (Short)	(Depreciation)
E-mini Russell 2000 Index	December 2016	280	34,952	1079
				1079

Unrealized appreciation (depreciation) on open futures contracts is required to be treated as realized gain (loss) for tax purposes.

D. At September 30, 2016, the cost of investment securities for tax purposes was \$13,221,664,000. Net unrealized appreciation of investment securities for tax purposes was \$3,356,773,000, consisting of unrealized gains of \$4,195,857,000 on securities that had risen in value since their purchase and \$839,084,000 in unrealized losses on securities that had fallen in value since their purchase.

Vanguard Mid-Cap Index Fund

Schedule of Investments (unaudited)

As of September 30, 2016

	Shares	Market Value (\$000)
Common Stocks (99.8%)¹		
Basic Materials (4.3%)		
Newmont Mining Corp.	12,049,097	473,409
Alcoa Inc.	29,867,838	302,860
Freeport-McMoRan Inc.	27,144,122	294,785
International Flavors & Fragrances Inc.	1,807,101	258,361
Celanese Corp. Class A	3,290,661	219,026
Albemarle Corp.	2,555,579	218,476
Eastman Chemical Co.	3,022,514	204,564
Mosaic Co.	7,962,082	194,753
* Ashland Global Holdings Inc.	1,412,023	163,724
Avery Dennison Corp.	2,020,500	157,175
FMC Corp.	3,042,642	147,081
* Axalta Coating Systems Ltd.	4,894,000	138,353
CF Industries Holdings Inc.	5,275,861	128,467
WR Grace & Co.	1,591,824	117,477
Reliance Steel & Aluminum Co.	1,559,008	112,295
Westlake Chemical Corp.	875,299	46,829
		3,177,635

Consumer Goods (13.7%)

Newell Brands Inc.	10,950,411	576,649
* Electronic Arts Inc.	6,488,560	554,123
ConAgra Foods Inc.	9,976,923	470,013
Molson Coors Brewing Co. Class B	3,963,210	435,160
Dr Pepper Snapple Group Inc.	4,210,107	384,425
Clorox Co.	2,939,946	368,022
JM Smucker Co.	2,558,839	346,825
Genuine Parts Co.	3,212,244	322,670
* Mohawk Industries Inc.	1,431,167	286,720
Church & Dwight Co. Inc.	5,849,020	280,285
Whirlpool Corp.	1,712,997	277,780
McCormick & Co. Inc.	2,612,090	261,000
Tyson Foods Inc. Class A	3,376,808	252,146
DR Horton Inc.	8,030,194	242,512
* LKQ Corp.	6,624,203	234,894
Mattel Inc.	7,733,801	234,179
Coach Inc.	6,333,368	231,548
Hormel Foods Corp.	6,023,091	228,456
Delphi Automotive plc	3,100,727	221,144
* WhiteWave Foods Co. Class A	4,028,609	219,277
Hanesbrands Inc.	8,589,162	216,876
Harley-Davidson Inc.	4,064,980	213,777
Hasbro Inc.	2,566,116	203,570
PVH Corp.	1,838,364	203,139
Snap-on Inc.	1,320,720	200,697
Lear Corp.	1,626,228	197,131
Bunge Ltd.	3,170,312	187,778
Lennar Corp. Class A	4,300,922	182,101
* Michael Kors Holdings Ltd.	3,650,665	170,815
BorgWarner Inc.	4,628,309	162,824

* ^ Under Armour Inc. Class A	4,169,836	161,289
* Under Armour Inc.	4,241,609	143,621
PulteGroup Inc.	7,032,317	140,928
Leucadia National Corp.	7,375,663	140,433
* NVR Inc.	83,735	137,314
* WABCO Holdings Inc.	1,205,093	136,814
Harman International Industries Inc.	1,578,781	133,328
* ^ lululemon athletica Inc.	2,168,931	132,261
Ralph Lauren Corp. Class A	1,275,505	129,005
Ingredion Inc.	816,669	108,666
^ Polaris Industries Inc.	1,378,080	106,719
* Edgewell Personal Care Co.	1,334,285	106,102
Goodyear Tire & Rubber Co.	2,970,162	95,936
^ Pilgrim's Pride Corp.	1,430,992	30,223
^ Coty Inc. Class A	1,001,371	23,532
Lennar Corp. Class B	82,620	2,774
		10,095,481
Consumer Services (12.1%)		
Ross Stores Inc.	9,072,595	583,368
Nielsen Holdings plc	7,708,891	412,965
* Dollar Tree Inc.	5,083,936	401,275
Expedia Inc.	2,801,532	326,995
* Ulta Salon Cosmetics & Fragrance Inc.	1,345,413	320,181
Royal Caribbean Cruises Ltd.	3,910,257	293,074
* MGM Resorts International	10,916,509	284,157
* Chipotle Mexican Grill Inc. Class A	661,108	279,979
Macy's Inc.	7,002,313	259,436
Best Buy Co. Inc.	6,228,920	237,820
Advance Auto Parts Inc.	1,588,360	236,856
* CarMax Inc.	4,353,108	232,238
Marriott International Inc. Class A	3,320,890	223,596
Aramark	5,545,410	210,892
Foot Locker Inc.	3,076,320	208,328
Whole Foods Market Inc.	7,248,103	205,484
Tractor Supply Co.	3,038,924	204,672
Interpublic Group of Cos. Inc.	9,110,344	203,616
* Liberty Interactive Corp. QVC Group Class A	9,647,231	193,041
Alaska Air Group Inc.	2,798,631	184,318
Kohl's Corp.	4,176,907	182,740
Wynn Resorts Ltd.	1,851,587	180,382
Tiffany & Co.	2,413,806	175,315
Wyndham Worldwide Corp.	2,498,233	168,206
AmerisourceBergen Corp. Class A	2,075,097	167,626
Darden Restaurants Inc.	2,726,343	167,179
* United Continental Holdings Inc.	3,115,718	163,482
* TripAdvisor Inc.	2,567,759	162,231
News Corp. Class A	11,167,009	156,115
FactSet Research Systems Inc.	924,403	149,846
Bed Bath & Beyond Inc.	3,336,693	143,845
^ Nordstrom Inc.	2,760,656	143,223
* Norwegian Cruise Line Holdings Ltd.	3,615,158	136,291

* Discovery Communications Inc.	5,153,177	135,580
* Liberty SiriusXM Group	4,052,707	135,401
Signet Jewelers Ltd.	1,773,932	132,211
Staples Inc.	14,711,411	125,783
Scripps Networks Interactive Inc. Class A	1,831,257	116,266
H&R Block Inc.	5,003,376	115,828

Gap Inc.	4,953,624	110,169
^ Williams-Sonoma Inc.	1,816,234	92,773
*,^ Discovery Communications Inc. Class A	3,415,461	91,944
* Rite Aid Corp.	11,868,006	91,265
* AutoNation Inc.	1,617,778	78,802
* Liberty SiriusXM Group	1,969,400	66,920
*,^ Hyatt Hotels Corp. Class A	501,296	24,674
News Corp. Class B	209,094	2,973
		8,919,361

Financials (20.4%)

Equinix Inc.	1,614,068	581,468
Moody's Corp.	3,711,745	401,908
Willis Towers Watson plc	2,978,097	395,402
Realty Income Corp.	5,871,539	392,982
Hartford Financial Services Group Inc.	8,764,381	375,291
M&T Bank Corp.	3,203,801	371,961
Equifax Inc.	2,709,734	364,676
Principal Financial Group Inc.	6,530,357	336,379
Essex Property Trust Inc.	1,487,209	331,201
Digital Realty Trust Inc.	3,334,731	323,869
* IHS Markit Ltd.	8,132,495	305,375
KeyCorp	24,572,668	299,049
Citizens Financial Group Inc.	11,795,319	291,462
Invesco Ltd.	9,307,701	291,052
Regions Financial Corp.	28,500,762	281,303
* Markel Corp.	301,780	280,284
AvalonBay Communities Inc.	1,558,863	277,228
Cincinnati Financial Corp.	3,549,951	267,737
Host Hotels & Resorts Inc.	16,858,735	262,490
Kimco Realty Corp.	9,060,749	262,309
First Republic Bank	3,383,473	260,900
Macerich Co.	3,097,966	250,532
Federal Realty Investment Trust	1,621,727	249,632
Lincoln National Corp.	5,285,664	248,320
SL Green Realty Corp.	2,277,817	246,232
Huntington Bancshares Inc.	24,634,357	242,895
Annaly Capital Management Inc.	22,603,781	237,340
* Liberty Broadband Corp.	3,303,985	236,169
Western Union Co.	11,088,492	230,862
VEREIT Inc.	21,943,300	227,552
UDR Inc.	6,071,547	218,515
FNF Group	5,918,896	218,466
Extra Space Storage Inc.	2,716,838	215,744
Iron Mountain Inc.	5,685,723	213,385
XL Group Ltd.	6,251,556	210,240
* Arch Capital Group Ltd.	2,647,384	209,832
Ally Financial Inc.	10,446,486	203,393
Alexandria Real Estate Equities Inc.	1,772,849	192,833

Brixmor Property Group Inc.	6,918,858	192,275
* CBRE Group Inc. Class A	6,867,544	192,154
Unum Group	5,334,936	188,377
Comerica Inc.	3,953,947	187,101
* E*TRADE Financial Corp.	6,222,713	181,205
Everest Re Group Ltd.	952,418	180,931
Nasdaq Inc.	2,633,371	177,858
* Affiliated Managers Group Inc.	1,224,937	177,248
MSCI Inc. Class A	2,043,977	171,571

Raymond James Financial Inc.	2,899,393	168,774
CIT Group Inc.	4,592,859	166,721
Camden Property Trust	1,987,577	166,440
Torchmark Corp.	2,587,071	165,288
Reinsurance Group of America Inc. Class A	1,456,760	157,243
SEI Investments Co.	3,301,556	150,584
New York Community Bancorp Inc.	10,521,291	149,718
American Capital Agency Corp.	7,526,880	147,075
Zions Bancorporation	4,664,106	144,681
Voya Financial Inc.	4,529,993	130,554
WR Berkley Corp.	2,083,562	120,347
Jones Lang LaSalle Inc.	1,022,501	116,350
Axis Capital Holdings Ltd.	2,052,063	111,489
People's United Financial Inc.	7,037,595	111,335
Duke Realty Corp.	3,968,128	108,449
Lazard Ltd. Class A	2,936,886	106,785
* Alleghany Corp.	166,024	87,166
Assurant Inc.	681,647	62,882
Navient Corp.	3,574,102	51,717
Realogy Holdings Corp.	1,665,161	43,061
* Liberty Broadband Corp. Class A	560,898	39,353
* Santander Consumer USA Holdings Inc.	1,204,676	14,649
		14,975,649
Health Care (8.2%)		
* Edwards Lifesciences Corp.	4,834,293	582,822
CR Bard Inc.	1,667,996	374,098
* Incyte Corp.	3,628,613	342,142
* BioMarin Pharmaceutical Inc.	3,684,039	340,847
* Laboratory Corp. of America Holdings	2,322,850	319,345
Dentsply Sirona Inc.	5,290,985	314,443
* Henry Schein Inc.	1,857,254	302,695
* Waters Corp.	1,737,963	275,450
Quest Diagnostics Inc.	3,156,459	267,131
Universal Health Services Inc. Class B	2,045,693	252,070
* DaVita Inc.	3,758,170	248,302
* Centene Corp.	3,682,752	246,597
* Hologic Inc.	6,298,989	244,590
* IDEXX Laboratories Inc.	2,032,996	229,180
* Varian Medical Systems Inc.	2,123,153	211,318
ResMed Inc.	3,198,861	207,254
Cooper Cos. Inc.	1,101,533	197,461
* Mallinckrodt plc	2,449,115	170,899
* Quintiles Transnational Holdings Inc.	2,059,036	166,906
* Alkermes plc	3,445,934	162,062
* Jazz Pharmaceuticals plc	1,307,561	158,843
Perrigo Co. plc	1,547,567	142,887
* Alnylam Pharmaceuticals Inc.	1,648,533	111,738
Patterson Cos. Inc.	1,908,616	87,682
* Envision Healthcare Holdings Inc.	2,120,035	47,213
* Endo International plc	2,270,611	45,753
		6,049,728
Industrials (16.7%)		
* Fiserv Inc.	4,991,744	496,529
Amphenol Corp. Class A	7,010,706	455,135
Roper Technologies Inc.	2,301,182	419,897
* FleetCor Technologies Inc.	1,996,420	346,838

Vulcan Materials Co.	3,021,642	343,651
* TransDigm Group Inc.	1,149,024	332,206
Ball Corp.	3,956,140	324,206
Waste Connections Inc.	3,983,041	297,533
Fidelity National Information Services Inc.	3,721,857	286,695
* Verisk Analytics Inc. Class A	3,452,923	280,653
WestRock Co.	5,710,438	276,842
Fastenal Co.	6,561,262	274,129
* Alliance Data Systems Corp.	1,262,518	270,848
Global Payments Inc.	3,490,672	267,944
Acuity Brands Inc.	996,490	263,671
WW Grainger Inc.	1,166,144	262,196
Dover Corp.	3,524,231	259,524
Martin Marietta Materials Inc.	1,440,376	257,986
Masco Corp.	7,497,718	257,247
* Mettler-Toledo International Inc.	601,465	252,513
AMETEK Inc.	5,277,155	252,142
Rockwell Collins Inc.	2,950,113	248,812
L-3 Communications Holdings Inc.	1,578,372	237,908
Pentair plc	3,700,498	237,720
Kansas City Southern	2,451,743	228,797
CH Robinson Worldwide Inc.	3,240,159	228,302
Textron Inc.	5,513,603	219,166
Xylem Inc.	4,073,805	213,671
Cintas Corp.	1,895,374	213,419
Expeditors International of Washington Inc.	4,116,279	212,071
Sealed Air Corp.	4,472,101	204,912
Fortune Brands Home & Security Inc.	3,499,070	203,296
* Vantiv Inc. Class A	3,557,664	200,190
Xerox Corp.	19,582,492	198,371
* Crown Holdings Inc.	3,175,782	181,305
Total System Services Inc.	3,761,932	177,375
JB Hunt Transport Services Inc.	2,049,712	166,314
Fluor Corp.	3,166,266	162,493
* Trimble Navigation Ltd.	5,665,714	161,813
Wabtec Corp.	1,946,777	158,954
* Stericycle Inc.	1,933,756	154,971
* United Rentals Inc.	1,959,260	153,782
* Sensata Technologies Holding NV	3,884,467	150,640
Flowserve Corp.	2,964,827	143,023
* Jacobs Engineering Group Inc.	2,761,267	142,813
Owens Corning	2,609,349	139,313
Macquarie Infrastructure Corp.	1,668,526	138,888
Hubbell Inc. Class B	1,258,334	135,573
* Arrow Electronics Inc.	2,064,844	132,088
Avnet Inc.	2,882,425	118,352
B/E Aerospace Inc.	2,185,021	112,878
ManpowerGroup Inc.	1,551,020	112,077
Robert Half International Inc.	2,798,149	105,938

* First Data Corp. Class A	7,728,229	101,703
Allison Transmission Holdings Inc.	3,223,501	92,450
FLIR Systems Inc.	1,554,805	48,852
AGCO Corp.	735	36
		12,316,651
Oil & Gas (5.2%)		
* Concho Resources Inc.	3,197,032	439,113
National Oilwell Varco Inc.	8,574,851	315,040

Marathon Oil Corp.	19,238,540	304,161
Cimarex Energy Co.	2,156,738	289,801
EQT Corp.	3,922,368	284,843
Cabot Oil & Gas Corp.	10,561,640	272,490
Devon Energy Corp.	5,646,978	249,088
Tesoro Corp.	2,700,627	214,862
* Cheniere Energy Inc.	4,554,893	198,593
Range Resources Corp.	4,780,469	185,243
Helmerich & Payne Inc.	2,334,503	157,112
* FMC Technologies Inc.	5,130,560	152,224
OGE Energy Corp.	4,540,957	143,585
* Antero Resources Corp.	4,516,266	121,714
* Weatherford International plc	20,281,156	113,980
Core Laboratories NV	998,044	112,110
HollyFrontier Corp.	3,995,341	97,886
Energen Corp.	1,099,119	63,441
Murphy Oil Corp.	1,852,675	56,321
* Continental Resources Inc.	1,060,493	55,103
		3,826,710
Technology (12.9%)		
* Cerner Corp.	6,901,847	426,189
NVIDIA Corp.	5,770,578	395,400
Western Digital Corp.	6,390,734	373,666
Symantec Corp.	13,978,423	350,858
* Autodesk Inc.	4,846,216	350,527
Lam Research Corp.	3,639,014	344,651
* Red Hat Inc.	4,112,150	332,385
Skyworks Solutions Inc.	4,257,434	324,161
Linear Technology Corp.	5,443,342	322,736
Xilinx Inc.	5,755,729	312,766
* Palo Alto Networks Inc.	1,932,824	307,957
Microchip Technology Inc.	4,888,465	303,769
*,^ Twitter Inc.	12,856,020	296,331
Motorola Solutions Inc.	3,785,720	288,775
* Citrix Systems Inc.	3,359,195	286,271
* ServiceNow Inc.	3,548,387	280,855
Seagate Technology plc	6,806,471	262,389
Harris Corp.	2,831,909	259,431
Maxim Integrated Products Inc.	6,437,272	257,040
KLA-Tencor Corp.	3,541,856	246,903
* Workday Inc. Class A	2,566,782	235,348
NetApp Inc.	6,326,010	226,598
* Micron Technology Inc.	11,803,996	209,875
* Synopsys Inc.	3,440,815	204,212
* Akamai Technologies Inc.	3,773,865	199,977
Juniper Networks Inc.	8,271,622	199,015
CDK Global Inc.	3,413,648	195,807
* F5 Networks Inc.	1,505,312	187,622
* ANSYS Inc.	1,983,090	183,654
* Splunk Inc.	3,021,313	177,291
* Qorvo Inc.	2,908,143	162,100
*,^ VeriSign Inc.	2,063,474	161,446

* Gartner Inc.	1,784,777	157,864
Marvell Technology Group Ltd.	9,254,978	122,814
* Dell Technologies Inc - VMware Inc	2,521,583	120,532
Garmin Ltd.	2,351,044	113,109
* NetSuite Inc.	915,698	101,359

Computer Sciences Corp.	1,588,630	82,942
* IMS Health Holdings Inc.	2,611,523	81,845
* Nuance Communications Inc.	3,167,957	45,935
* Premier Inc. Class A	1,032,612	33,395
CSRA Inc.	1,701	46
		9,525,846

Telecommunications (1.1%)

* SBA Communications Corp. Class A	2,829,535	317,361
* Level 3 Communications Inc.	6,530,916	302,904
Frontier Communications Corp.	26,547,568	110,438
* Zayo Group Holdings Inc.	2,741,720	81,456
		812,159

Utilities (5.2%)

WEC Energy Group Inc.	7,167,175	429,170
Eversource Energy	7,203,133	390,266
DTE Energy Co.	4,074,539	381,662
American Water Works Co. Inc.	4,039,483	302,315
Ameren Corp.	5,509,244	270,945
CMS Energy Corp.	6,353,785	266,923
ONEOK Inc.	4,777,768	245,529
CenterPoint Energy Inc.	9,301,929	216,084
SCANA Corp.	2,924,291	211,631
Alliant Energy Corp.	5,168,623	198,010
AES Corp.	14,984,949	192,557
Pinnacle West Capital Corp.	2,527,718	192,081
NiSource Inc.	7,325,415	176,616
Entergy Corp.	2,034,788	156,129
* Calpine Corp.	8,127,916	102,737
Avangrid Inc.	1,399,461	58,469
		3,791,124

Total Common Stocks (Cost \$57,986,720)	73,490,344
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Coupon

Temporary Cash Investments (0.5%)¹

Money Market Fund (0.5%)

2,3 Vanguard Market Liquidity Fund	0.640%	3,741,246	374,162
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			Face	
			Amount	
			(\$000)	
U.S. Government and Agency Obligations (0.0%)				
4,5 Federal Home Loan Bank Discount Notes	0.360%	10/28/16	1,800	1,800
4,5 Federal Home Loan Bank Discount Notes	0.431%	1/25/17	3,000	2,997
4,5 Federal Home Loan Bank Discount Notes	0.481%	2/17/17	500	499
5 United States Treasury Bill	0.275-0.312%	12/8/16	1,100	1,100
5 United States Treasury Bill	0.190-0.300%	12/22/16	1,000	999
United States Treasury Bill	0.255%	12/29/16	200	200

7,595

Total Temporary Cash Investments (Cost \$381,730)	381,757
Total Investments (100.3%) (Cost \$58,368,450)	73,872,101
Other Assets and Liabilities-Net (-0.3%)3,6	(229,129)
Net Assets (100%)	73,642,972

* Non-income-producing security.

^ Includes partial security positions on loan to broker-dealers. The total value of securities on loan is \$189,301,000.

1 The fund invests a portion of its cash reserves in equity markets through the use of index futures contracts. After giving effect to futures investments, the fund's effective common stock and temporary cash investment positions represent 100.0% and 0.3%, respectively, of net assets.

2 Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.

3 Includes \$193,657,000 of collateral received for securities on loan.

4 The issuer operates under a congressional charter; its securities are generally neither guaranteed by the U.S. Treasury nor backed by the full faith and credit of the U.S. government.

5 Securities with a value of \$7,195,000 have been segregated as initial margin for open futures contracts.

6 Cash of \$200,000 has been segregated as initial margin for open futures contracts.

A. Security Valuation: Securities are valued as of the close of trading on the New York Stock Exchange (generally 4 p.m., Eastern time) on the valuation date. Equity securities are valued at the latest quoted sales prices or official closing prices taken from the primary market in which each security trades; such securities not traded on the valuation date are valued at the mean of the latest quoted bid and asked prices. Securities for which market quotations are not readily available, or whose values have been materially affected by events occurring before the fund's pricing time but after the close of the securities' primary markets, are valued by methods deemed by the board of trustees to represent fair value. Investments in Vanguard Market Liquidity Fund are valued at that fund's net asset value. Temporary cash investments acquired over 60 days to maturity are valued using the latest bid prices or using valuations based on a matrix system (which considers such factors as security prices, yields, maturities, and ratings), both as furnished by independent pricing services. Other temporary cash investments are valued at amortized cost, which approximates market value.

B. Various inputs may be used to determine the value of the fund's investments. These inputs are summarized in three broad levels for financial statement purposes. The inputs or methodologies used to value securities are not necessarily an indication of the risk associated with investing in those securities.

Level 1—Quoted prices in active markets for identical securities.

Level 2—Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3—Significant unobservable inputs (including the fund's own assumptions used to determine the fair value of investments).

The following table summarizes the market value of the fund's investments as of September 30, 2016, based on the inputs used to value them:

Investments	Level 1 (\$000)	Level 2 (\$000)	Level 3 (\$000)
Common Stocks	73,490,344	—	—
Temporary Cash Investments	374,162	7,595	—
Futures Contracts—Assets ¹	1,220	—	—
Total	73,865,726	7,595	—

¹ Represents variation margin on the last day of the reporting period.

C. Futures Contracts: The fund uses index futures contracts to a limited extent, with the objectives of maintaining full exposure to the stock market, enhancing returns, maintaining liquidity, and minimizing transaction costs. The fund may purchase futures contracts to immediately invest incoming cash in the market, or sell futures in response to cash outflows, thereby simulating a fully invested position in the underlying index while maintaining a cash balance for liquidity. The fund may seek to enhance returns by using futures contracts instead of the underlying securities when futures

Mid-Cap Index Fund

are believed to be priced more attractively than the underlying securities. The primary risks associated with the use of futures contracts are imperfect correlation between changes in market values of stocks held by the fund and the prices of futures contracts, and the possibility of an illiquid market. Counterparty risk involving futures is mitigated because a regulated clearinghouse is the counterparty instead of the clearing broker. To further mitigate counterparty risk, the fund trades futures contracts on an exchange, monitors the financial strength of its clearing brokers and clearinghouse, and has entered into clearing agreements with its clearing brokers. The clearinghouse imposes initial margin requirements to secure the fund's performance and requires daily settlement of variation margin representing changes in the market value of each contract.

Futures contracts are valued at their quoted daily settlement prices. The aggregate settlement values of the contracts are not recorded in the Schedule of Investments. Fluctuations in the value of the contracts are recorded as an asset (liability).

At September 30, 2016, the aggregate settlement value of open futures contracts and the related unrealized appreciation (depreciation) were:

		(\$000)		
		Number of	Aggregate	Unrealized
		Long (Short)	Settlement	Appreciation
Futures Contracts	Expiration	Contracts	Value Long (Short)	(Depreciation)
E-mini S&P 500 Index	December 2016	1,120	120,982	1,229
E-mini S&P Mid-Cap 400 Index	December 2016	410	63,534	709
				1,938

Unrealized appreciation (depreciation) on open futures contracts is required to be treated as realized gain (loss) for tax purposes.

D. At September 30, 2016, the cost of investment securities for tax purposes was \$58,368,450,000. Net unrealized appreciation of investment securities for tax purposes was \$15,503,651,000, consisting of unrealized gains of \$17,515,936,000 on securities that had risen in value since their purchase and \$2,012,285,000 in unrealized losses on securities that had fallen in value since their purchase.

Vanguard Large-Cap Index Fund

Schedule of Investments (unaudited)

As of September 30, 2016

	Shares	Market Value (\$000)
Common Stocks (99.9%)¹		
Basic Materials (2.3%)		
El du Pont de Nemours & Co.	589,781	39,498
Dow Chemical Co.	760,128	39,397
Praxair Inc.	192,405	23,248
Ecolab Inc.	176,884	21,530
Air Products & Chemicals Inc.	138,872	20,878
PPG Industries Inc.	179,719	18,576
LyondellBasell Industries NV Class A	224,294	18,091
Newmont Mining Corp.	358,119	14,070
International Paper Co.	277,548	13,317
Nucor Corp.	215,234	10,643
Alcoa Inc.	889,319	9,018
Freeport-McMoRan Inc.	808,830	8,784
International Flavors & Fragrances Inc.	53,871	7,702
Albemarle Corp.	76,020	6,499
Celanese Corp. Class A	97,447	6,486
Eastman Chemical Co.	89,374	6,049
Mosaic Co.	235,668	5,764
* Ashland Global Holdings Inc.	41,843	4,852
Avery Dennison Corp.	59,700	4,644

FMC Corp.	90,084	4,355
* Axalta Coating Systems Ltd.	145,237	4,106
CF Industries Holdings Inc.	157,825	3,843
WR Grace & Co.	47,563	3,510
Reliance Steel & Aluminum Co.	46,561	3,354
Westlake Chemical Corp.	26,089	1,396
Versum Materials Inc.	48	1
		299,611

Consumer Goods (10.6%)

^ Procter & Gamble Co.	1,800,297	161,577
Coca-Cola Co.	2,620,446	110,897
PepsiCo Inc.	970,808	105,595
Philip Morris International Inc.	1,046,463	101,737
Altria Group Inc.	1,318,079	83,342
NIKE Inc. Class B	909,724	47,897
Colgate-Palmolive Co.	601,380	44,586
Mondelez International Inc. Class A	996,812	43,760
Kraft Heinz Co.	410,615	36,754
Ford Motor Co.	2,632,513	31,774
Kimberly-Clark Corp.	242,516	30,591
Monsanto Co.	294,975	30,146
General Motors Co.	948,880	30,146
Reynolds American Inc.	577,480	27,228
General Mills Inc.	404,254	25,824
Activision Blizzard Inc.	450,120	19,940
Constellation Brands Inc. Class A	113,607	18,914
Newell Brands Inc.	325,424	17,137
Archer-Daniels-Midland Co.	392,492	16,551
* Electronic Arts Inc.	192,786	16,464

* Tesla Motors Inc.	75,311	15,366
Tyson Foods Inc. Class A	200,735	14,989
* Monster Beverage Corp.	96,421	14,156
ConAgra Foods Inc.	296,787	13,982
Estee Lauder Cos. Inc. Class A	149,168	13,210
Delphi Automotive plc	183,946	13,119
Molson Coors Brewing Co. Class B	117,939	12,950
Kellogg Co.	165,408	12,814
VF Corp.	224,075	12,559
Stanley Black & Decker Inc.	101,651	12,501
Dr Pepper Snapple Group Inc.	124,890	11,404
Clorox Co.	87,361	10,936
JM Smucker Co.	76,180	10,325
Mead Johnson Nutrition Co.	124,743	9,856
Genuine Parts Co.	95,313	9,574
Hershey Co.	92,482	8,841
* Mohawk Industries Inc.	42,543	8,523
Church & Dwight Co. Inc.	173,359	8,307
Whirlpool Corp.	50,976	8,266
McCormick & Co. Inc.	77,825	7,776
Campbell Soup Co.	135,566	7,416
DR Horton Inc.	238,003	7,188
Mattel Inc.	230,263	6,972
* LKQ Corp.	196,316	6,961
Coach Inc.	188,207	6,881
Hormel Foods Corp.	178,615	6,775
* WhiteWave Foods Co. Class A	119,286	6,493
Hanesbrands Inc.	254,273	6,420
Harley-Davidson Inc.	121,097	6,369
Hasbro Inc.	75,973	6,027
PVH Corp.	54,541	6,027
Snap-on Inc.	39,329	5,976
Lear Corp.	48,110	5,832
Brown-Forman Corp. Class B	121,014	5,741
Bunge Ltd.	94,370	5,590
Lennar Corp. Class A	129,438	5,480
* Michael Kors Holdings Ltd.	107,939	5,051
BorgWarner Inc.	136,872	4,815
* Under Armour Inc. Class A	123,484	4,776
* Under Armour Inc.	125,520	4,250
PulteGroup Inc.	209,295	4,194
Leucadia National Corp.	218,144	4,154
* NVR Inc.	2,495	4,092
* WABCO Holdings Inc.	35,758	4,060
Harman International Industries Inc.	46,873	3,958
* lululemon athletica Inc.	64,679	3,944
Ralph Lauren Corp. Class A	37,835	3,827
Ingredion Inc.	24,283	3,231
Polaris Industries Inc.	41,030	3,177
* Edgewell Personal Care Co.	39,573	3,147
Goodyear Tire & Rubber Co.	88,281	2,852
Pilgrim's Pride Corp.	42,781	904
^ Coty Inc. Class A	29,856	702
Lennar Corp. Class B	1,161	39
		1,393,635

Consumer Services (13.4%)

* Amazon.com Inc.	271,841	227,615
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Comcast Corp. Class A	1,620,624	107,512
Home Depot Inc.	833,502	107,255
Walt Disney Co.	975,691	90,603
Wal-Mart Stores Inc.	946,119	68,234
McDonald's Corp.	575,652	66,407
CVS Health Corp.	719,203	64,002
Starbucks Corp.	939,813	50,881
Walgreens Boots Alliance Inc.	620,604	50,033
* Priceline Group Inc.	33,343	49,064
Costco Wholesale Corp.	295,463	45,061
Lowe's Cos. Inc.	597,702	43,160
Time Warner Inc.	498,445	39,681
* Charter Communications Inc. Class A	137,066	37,004
TJX Cos. Inc.	423,605	31,677
* Netflix Inc.	274,662	27,068
Target Corp.	388,108	26,655
McKesson Corp.	152,199	25,379
* eBay Inc.	723,159	23,792
Yum! Brands Inc.	249,742	22,679
Delta Air Lines Inc.	505,004	19,877
Kroger Co.	639,984	18,995
Twenty-First Century Fox Inc. Class A	717,694	17,383
Ross Stores Inc.	269,565	17,333
* O'Reilly Automotive Inc.	60,841	17,042
Sysco Corp.	342,251	16,774
Cardinal Health Inc.	214,868	16,695
Southwest Airlines Co.	418,511	16,276
Las Vegas Sands Corp.	268,091	15,426
* AutoZone Inc.	19,735	15,163
CBS Corp. Class B	263,152	14,405
Omnicom Group Inc.	159,677	13,573
Marriott International Inc.	197,074	13,269
American Airlines Group Inc.	357,807	13,099
Carnival Corp.	260,430	12,714
Nielsen Holdings plc	229,273	12,282
Dollar General Corp.	171,293	11,989
* Dollar Tree Inc.	151,290	11,941
L Brands Inc.	164,903	11,670
AmerisourceBergen Corp. Class A	123,366	9,966
Expedia Inc.	83,436	9,739
* United Continental Holdings Inc.	185,250	9,720
* Ulta Salon Cosmetics & Fragrance Inc.	40,053	9,532
Viacom Inc. Class B	239,956	9,142
Royal Caribbean Cruises Ltd.	115,945	8,690
* MGM Resorts International	325,299	8,468
Hilton Worldwide Holdings Inc.	367,544	8,428
* Chipotle Mexican Grill Inc. Class A	19,694	8,340
* DISH Network Corp. Class A	144,710	7,927
Macy's Inc.	207,602	7,692
Best Buy Co. Inc.	184,698	7,052
Advance Auto Parts Inc.	47,026	7,013
* CarMax Inc.	128,764	6,870
Twenty-First Century Fox Inc.	268,674	6,647
Aramark	164,130	6,242
Foot Locker Inc.	91,287	6,182
Whole Foods Market Inc.	215,130	6,099
Tractor Supply Co.	90,017	6,063

Interpublic Group of Cos. Inc.	270,744	6,051
* Liberty Interactive Corp. QVC Group Class A	285,474	5,712
Alaska Air Group Inc.	82,773	5,451
Kohl's Corp.	123,891	5,420
Wynn Resorts Ltd.	54,869	5,345
Tiffany & Co.	71,640	5,203
Wyndham Worldwide Corp.	73,909	4,976
Darden Restaurants Inc.	81,005	4,967
* TripAdvisor Inc.	76,078	4,807
* Sirius XM Holdings Inc.	1,148,631	4,790
News Corp. Class A	322,534	4,509
FactSet Research Systems Inc.	27,430	4,446
Bed Bath & Beyond Inc.	98,662	4,253
^ Nordstrom Inc.	81,661	4,237
* Norwegian Cruise Line Holdings Ltd.	107,568	4,055
* Discovery Communications Inc.	152,400	4,010
* Liberty SiriusXM Group	119,810	4,003
Signet Jewelers Ltd.	52,458	3,910
Staples Inc.	437,637	3,742
Scripps Networks Interactive Inc. Class A	54,284	3,447
H&R Block Inc.	148,744	3,443
Gap Inc.	148,546	3,304
Williams-Sonoma Inc.	54,580	2,788
* Discovery Communications Inc. Class A	101,971	2,745
* Rite Aid Corp.	356,065	2,738
* AutoNation Inc.	47,992	2,338
* Liberty SiriusXM Group	58,457	1,986
* Hyatt Hotels Corp. Class A	14,863	732
News Corp. Class B	14,516	206
CBS Corp. Class A	2,867	157
Viacom Inc. Class A	985	42

1,753,293

Financials (17.6%)

* Berkshire Hathaway Inc. Class B	1,291,475	186,579
JPMorgan Chase & Co.	2,436,610	162,254
Wells Fargo & Co.	3,063,320	135,644
Bank of America Corp.	6,884,264	107,739
Visa Inc. Class A	1,272,518	105,237
Citigroup Inc.	1,861,962	87,940
Mastercard Inc.	654,127	66,570
US Bancorp	1,096,776	47,041
Simon Property Group Inc.	211,971	43,880
American International Group Inc.	686,145	40,716
Goldman Sachs Group Inc.	246,089	39,687
Chubb Ltd.	298,013	37,445
American Express Co.	529,629	33,917
American Tower Corporation	286,961	32,521
Morgan Stanley	967,237	31,010
PNC Financial Services Group Inc.	331,218	29,839
Bank of New York Mellon Corp.	684,783	27,309
MetLife Inc.	592,767	26,337
BlackRock Inc.	71,356	25,864
Charles Schwab Corp.	802,777	25,344
Capital One Financial Corp.	345,313	24,804
Prudential Financial Inc.	294,648	24,058
Marsh & McLennan Cos. Inc.	349,402	23,497
CME Group Inc.	217,061	22,687

S&P Global Inc.	178,001	22,528
Travelers Cos. Inc.	194,673	22,300
Public Storage	99,384	22,177
Crown Castle International Corp.	227,650	21,447
BB&T Corp.	549,246	20,718
Intercontinental Exchange Inc.	76,309	20,555
Aon plc	179,214	20,160
Aflac Inc.	276,177	19,849
Prologis Inc.	354,218	18,965
Welltower Inc.	241,519	18,058
Allstate Corp.	250,567	17,334
Equinix Inc.	47,954	17,275
Ventas Inc.	237,113	16,747
State Street Corp.	236,810	16,489
AvalonBay Communities Inc.	92,702	16,486
Weyerhaeuser Co.	505,279	16,139
Equity Residential	246,746	15,873
Discover Financial Services	272,321	15,400
Synchrony Financial	534,636	14,970
SunTrust Banks Inc.	334,617	14,656
Boston Properties Inc.	103,812	14,148
Progressive Corp.	393,092	12,382
HCP Inc.	315,632	11,978
Moody's Corp.	110,382	11,952
Willis Towers Watson plc	88,622	11,766
Realty Income Corp.	174,697	11,692
Vornado Realty Trust	114,887	11,628
Hartford Financial Services Group Inc.	260,744	11,165
M&T Bank Corp.	95,276	11,062
Ameriprise Financial Inc.	109,006	10,875
Equifax Inc.	80,360	10,815
T. Rowe Price Group Inc.	159,610	10,614
Fifth Third Bancorp	518,201	10,602
Principal Financial Group Inc.	194,398	10,013
General Growth Properties Inc.	358,717	9,901
Northern Trust Corp.	145,479	9,891
Essex Property Trust Inc.	44,275	9,860
Digital Realty Trust Inc.	99,287	9,643
* IHS Markit Ltd.	241,002	9,050
KeyCorp	731,105	8,898
Citizens Financial Group Inc.	351,400	8,683
Invesco Ltd.	277,250	8,670
Regions Financial Corp.	849,154	8,381
* Markel Corp.	8,975	8,336
Franklin Resources Inc.	233,848	8,318
Cincinnati Financial Corp.	105,686	7,971
Loews Corp.	192,779	7,933
Host Hotels & Resorts Inc.	502,419	7,823
Kimco Realty Corp.	268,515	7,773
First Republic Bank	100,334	7,737
Macerich Co.	91,763	7,421
Federal Realty Investment Trust	48,120	7,407
Lincoln National Corp.	157,544	7,401
SL Green Realty Corp.	67,908	7,341
Huntington Bancshares Inc.	730,371	7,201
Annaly Capital Management Inc.	673,920	7,076
* Liberty Broadband Corp.	97,878	6,996

Western Union Co.	329,247	6,855
VEREIT Inc.	649,767	6,738
UDR Inc.	180,511	6,497
FNF Group	175,024	6,460
Extra Space Storage Inc.	80,406	6,385
Iron Mountain Inc.	168,333	6,317
XL Group Ltd.	184,980	6,221
* Arch Capital Group Ltd.	78,360	6,211
Ally Financial Inc.	309,597	6,028
Alexandria Real Estate Equities Inc.	52,479	5,708
* CBRE Group Inc. Class A	203,641	5,698
Brixmor Property Group Inc.	204,785	5,691
TD Ameritrade Holding Corp.	160,066	5,641
Unum Group	157,857	5,574
Comerica Inc.	116,911	5,532
* E*TRADE Financial Corp.	184,089	5,361
Everest Re Group Ltd.	28,171	5,352
Nasdaq Inc.	78,398	5,295
* Affiliated Managers Group Inc.	36,309	5,254
MSCI Inc. Class A	60,399	5,070
Raymond James Financial Inc.	86,423	5,031
CIT Group Inc.	136,139	4,942
Camden Property Trust	58,813	4,925
Torchmark Corp.	76,523	4,889
Reinsurance Group of America Inc. Class A	43,136	4,656
SEI Investments Co.	98,134	4,476
New York Community Bancorp Inc.	312,156	4,442
American Capital Agency Corp.	223,708	4,371
Zions Bancorporation	137,711	4,272
Voya Financial Inc.	134,662	3,881
WR Berkley Corp.	62,228	3,594
Jones Lang LaSalle Inc.	30,471	3,467
People's United Financial Inc.	210,232	3,326
Axis Capital Holdings Ltd.	61,001	3,314
Duke Realty Corp.	117,998	3,225
Lazard Ltd. Class A	87,760	3,191
* Alleghany Corp.	4,963	2,606
Assurant Inc.	20,237	1,867
Navient Corp.	106,575	1,542
* Berkshire Hathaway Inc. Class A	6	1,297
Realogy Holdings Corp.	49,373	1,277
* Liberty Broadband Corp. Class A	16,830	1,181
* Santander Consumer USA Holdings Inc.	36,004	438
		2,300,546
Health Care (13.7%)		
Johnson & Johnson	1,845,656	218,027
Pfizer Inc.	4,091,977	138,595
Merck & Co. Inc.	1,865,372	116,418
UnitedHealth Group Inc.	642,475	89,946
Amgen Inc.	504,754	84,198
Medtronic plc	940,077	81,223
Gilead Sciences Inc.	890,173	70,430
AbbVie Inc.	1,098,621	69,290
* Allergan plc	267,106	61,517
Bristol-Myers Squibb Co.	1,127,120	60,774
* Celgene Corp.	522,805	54,649
Eli Lilly & Co.	670,149	53,786

* Biogen Inc.	147,813	46,270
Thermo Fisher Scientific Inc.	265,916	42,297
Abbott Laboratories	991,628	41,936
* Express Scripts Holding Co.	425,411	30,004
Aetna Inc.	236,849	27,344
Becton Dickinson and Co.	143,565	25,803
Stryker Corp.	201,925	23,506
Cigna Corp.	173,034	22,550
Anthem Inc.	177,491	22,241
* Boston Scientific Corp.	917,436	21,835
* Regeneron Pharmaceuticals Inc.	52,282	21,018
* Intuitive Surgical Inc.	25,975	18,827
* Illumina Inc.	98,866	17,960
Humana Inc.	100,657	17,805
* Alexion Pharmaceuticals Inc.	143,749	17,615
Zoetis Inc.	334,182	17,381
* Edwards Lifesciences Corp.	143,652	17,319
Zimmer Biomet Holdings Inc.	128,189	16,667
* HCA Holdings Inc.	217,131	16,422
Baxter International Inc.	330,314	15,723
St. Jude Medical Inc.	192,340	15,341
* Vertex Pharmaceuticals Inc.	167,221	14,583
* Mylan NV	307,068	11,705
CR Bard Inc.	49,627	11,130
* Incyte Corp.	107,855	10,170
* BioMarin Pharmaceutical Inc.	109,672	10,147
* Laboratory Corp. of America Holdings	69,044	9,492
Dentsply Sirona Inc.	157,506	9,361
* Henry Schein Inc.	55,105	8,981
Perrigo Co. plc	92,055	8,499
* Waters Corp.	51,786	8,208
Quest Diagnostics Inc.	93,520	7,915
Universal Health Services Inc. Class B	60,655	7,474
* DaVita Inc.	111,896	7,393
* Centene Corp.	109,632	7,341
* Hologic Inc.	186,938	7,259
* IDEXX Laboratories Inc.	60,308	6,799
* Varian Medical Systems Inc.	62,817	6,252
ResMed Inc.	95,255	6,172
Cooper Cos. Inc.	32,602	5,844
* Mallinckrodt plc	72,380	5,051
* Quintiles Transnational Holdings Inc.	61,263	4,966
* Alkermes plc	102,070	4,800
* Jazz Pharmaceuticals plc	38,935	4,730
* Alnylam Pharmaceuticals Inc.	49,451	3,352
Patterson Cos. Inc.	56,486	2,595
* Envision Healthcare Holdings Inc.	62,889	1,401
* Endo International plc	67,128	1,353
		1,787,690
Industrials (11.8%)		
General Electric Co.	6,045,356	179,063
3M Co.	407,677	71,845
Honeywell International Inc.	513,284	59,844
Union Pacific Corp.	561,836	54,796
United Technologies Corp.	536,298	54,488
Boeing Co.	399,697	52,656
Accenture plc Class A	419,962	51,307

United Parcel Service Inc. Class B	466,245	50,988
Lockheed Martin Corp.	168,316	40,349
Caterpillar Inc.	394,351	35,006
Danaher Corp.	419,154	32,857
* PayPal Holdings Inc.	773,370	31,685
* Johnson Controls International plc	630,236	29,325
FedEx Corp.	161,355	28,185
General Dynamics Corp.	174,978	27,150
Raytheon Co.	198,920	27,079
Illinois Tool Works Inc.	215,471	25,822
Northrop Grumman Corp.	120,573	25,797
Automatic Data Processing Inc.	292,188	25,771
Emerson Electric Co.	433,970	23,656
Eaton Corp. plc	306,709	20,154
CSX Corp.	638,030	19,460
Norfolk Southern Corp.	198,001	19,218
Waste Management Inc.	298,289	19,019
Deere & Co.	201,564	17,203
Fidelity National Information Services Inc.	221,264	17,044
TE Connectivity Ltd.	239,990	15,451
* LinkedIn Corp. Class A	80,266	15,340
* Fiserv Inc.	148,361	14,757
Sherwin-Williams Co.	52,823	14,614
Cummins Inc.	113,843	14,589
PACCAR Inc.	236,184	13,883
Amphenol Corp. Class A	208,449	13,532
Paychex Inc.	219,122	12,681
Roper Technologies Inc.	68,268	12,457
Ingersoll-Rand plc	174,374	11,847
Parker-Hannifin Corp.	91,013	11,425
Fortive Corp.	210,239	10,701
Rockwell Automation Inc.	87,362	10,688
Agilent Technologies Inc.	219,942	10,357
* FleetCor Technologies Inc.	59,385	10,317
Vulcan Materials Co.	89,884	10,222
* TransDigm Group Inc.	34,212	9,891
Ball Corp.	117,299	9,613
Waste Connections Inc.	118,117	8,823
* Verisk Analytics Inc. Class A	102,394	8,323
WestRock Co.	170,156	8,249
Republic Services Inc. Class A	162,209	8,183
Fastenal Co.	194,515	8,127
* Alliance Data Systems Corp.	37,630	8,073
Global Payments Inc.	103,934	7,978
Acuity Brands Inc.	29,659	7,848
WW Grainger Inc.	34,554	7,769
Dover Corp.	104,489	7,695
Masco Corp.	223,428	7,666
Martin Marietta Materials Inc.	42,698	7,648
* Mettler-Toledo International Inc.	17,929	7,527
AMETEK Inc.	156,921	7,498
Rockwell Collins Inc.	87,519	7,381
L-3 Communications Holdings Inc.	46,823	7,058
Pentair plc	109,678	7,046
Kansas City Southern	72,727	6,787
CH Robinson Worldwide Inc.	96,264	6,783
Textron Inc.	163,980	6,518

Xylem Inc.	121,094	6,351
Cintas Corp.	55,970	6,302
Expeditors International of Washington Inc.	122,204	6,296
Sealed Air Corp.	132,637	6,077
Fortune Brands Home & Security Inc.	103,623	6,020
* Vantiv Inc. Class A	105,314	5,926
Xerox Corp.	579,443	5,870
* Crown Holdings Inc.	94,024	5,368
Total System Services Inc.	111,425	5,254
JB Hunt Transport Services Inc.	61,010	4,950
* Trimble Navigation Ltd.	168,338	4,808
Fluor Corp.	93,583	4,803
Wabtec Corp.	57,771	4,717
* Stericycle Inc.	57,318	4,593
* United Rentals Inc.	57,903	4,545
* Sensata Technologies Holding NV	115,656	4,485
Flowserve Corp.	88,110	4,250
* Jacobs Engineering Group Inc.	81,845	4,233
Owens Corning	77,246	4,124
Macquarie Infrastructure Corp.	49,418	4,114
Hubbell Inc. Class B	37,256	4,014
* Arrow Electronics Inc.	61,269	3,919
Avnet Inc.	85,693	3,519
B/E Aerospace Inc.	64,857	3,350
ManpowerGroup Inc.	46,106	3,332
Robert Half International Inc.	83,084	3,146
* First Data Corp. Class A	229,761	3,024
Allison Transmission Holdings Inc.	95,747	2,746
FLIR Systems Inc.	46,140	1,450
AGCO Corp.	8	—
		1,546,698

Oil & Gas (7.1%)

Exxon Mobil Corp.	2,797,340	244,152
Chevron Corp.	1,272,659	130,982
Schlumberger Ltd.	938,101	73,772
Occidental Petroleum Corp.	515,271	37,574
ConocoPhillips	835,869	36,335
EOG Resources Inc.	371,716	35,949
Kinder Morgan Inc.	1,280,924	29,628
Halliburton Co.	551,561	24,754
Phillips 66	299,597	24,132
Anadarko Petroleum Corp.	373,311	23,653
Pioneer Natural Resources Co.	114,508	21,258
Spectra Energy Corp.	472,859	20,215
Valero Energy Corp.	311,133	16,490
Apache Corp.	256,115	16,358
Williams Cos. Inc.	506,585	15,567
Devon Energy Corp.	335,278	14,789

Baker Hughes Inc.	288,814	14,576
Marathon Petroleum Corp.	356,876	14,486
* Concho Resources Inc.	94,998	13,048
Noble Energy Inc.	290,192	10,371
Hess Corp.	192,653	10,330
National Oilwell Varco Inc.	255,230	9,377
Marathon Oil Corp.	570,500	9,020
Cimarex Energy Co.	64,195	8,626
EQT Corp.	116,261	8,443

Cabot Oil & Gas Corp.	313,072	8,077
Tesoro Corp.	79,885	6,356
* Cheniere Energy Inc.	134,928	5,883
Range Resources Corp.	141,539	5,485
Helmerich & Payne Inc.	69,274	4,662
* FMC Technologies Inc.	152,674	4,530
OGE Energy Corp.	134,158	4,242
* Antero Resources Corp.	134,387	3,622
* Weatherford International plc	606,633	3,409
Core Laboratories NV	29,712	3,337
* Continental Resources Inc.	63,362	3,292
HollyFrontier Corp.	120,026	2,941
Energen Corp.	32,390	1,870
Murphy Oil Corp.	54,680	1,662

923,253

Technology (17.5%)

Apple Inc.	3,453,385	390,405
Microsoft Corp.	4,994,034	287,656
* Facebook Inc. Class A	1,567,095	201,011
* Alphabet Inc. Class A	198,898	159,926
* Alphabet Inc. Class C	197,023	153,144
Intel Corp.	3,191,505	120,479
Cisco Systems Inc.	3,393,031	107,627
International Business Machines Corp.	580,334	92,186
Oracle Corp.	2,085,892	81,934
QUALCOMM Inc.	994,080	68,095
Texas Instruments Inc.	676,687	47,490
Broadcom Ltd.	253,381	43,713
* Adobe Systems Inc.	336,119	36,482
* salesforce.com Inc.	434,476	30,991
Hewlett Packard Enterprise Co.	1,121,995	25,525
* Yahoo! Inc.	577,551	24,892
NVIDIA Corp.	342,805	23,489
Applied Materials Inc.	728,708	21,971
* Cognizant Technology Solutions Corp. Class A	409,297	19,528
Intuit Inc.	163,896	18,030
HP Inc.	1,153,954	17,921
Corning Inc.	699,557	16,545
Analog Devices Inc.	207,401	13,367
* Cerner Corp.	205,337	12,680
* Micron Technology Inc.	701,298	12,469
Western Digital Corp.	190,291	11,126
Symantec Corp.	415,987	10,441
* Autodesk Inc.	144,198	10,430
Lam Research Corp.	107,923	10,221
* Red Hat Inc.	121,949	9,857
Skyworks Solutions Inc.	126,741	9,650
Linear Technology Corp.	162,128	9,613
Xilinx Inc.	171,350	9,311
* Palo Alto Networks Inc.	57,307	9,131
Microchip Technology Inc.	144,849	9,001
* Twitter Inc.	382,927	8,826
Motorola Solutions Inc.	112,778	8,603
* Citrix Systems Inc.	99,561	8,485
* ServiceNow Inc.	105,157	8,323
Seagate Technology plc	201,768	7,778
Harris Corp.	84,029	7,698

Maxim Integrated Products Inc.	191,728	7,656
KLA-Tencor Corp.	105,398	7,347
* Dell Technologies Inc - VMware Inc	150,122	7,176
CA Inc.	212,134	7,017
* Workday Inc. Class A	76,157	6,983
NetApp Inc.	188,439	6,750
* Synopsys Inc.	102,214	6,066
Juniper Networks Inc.	246,341	5,927
* Akamai Technologies Inc.	111,661	5,917
CDK Global Inc.	100,965	5,791
* F5 Networks Inc.	44,533	5,551
* ANSYS Inc.	58,899	5,455
* Splunk Inc.	89,440	5,248
* Qorvo Inc.	86,008	4,794
* VeriSign Inc.	60,989	4,772
* Gartner Inc.	53,231	4,708
*,^ VMware Inc. Class A	54,898	4,027
Marvell Technology Group Ltd.	275,059	3,650
Garmin Ltd.	69,806	3,358
* NetSuite Inc.	27,246	3,016
Computer Sciences Corp.	47,339	2,472
* IMS Health Holdings Inc.	77,461	2,428
* Nuance Communications Inc.	94,004	1,363
* Premier Inc. Class A	30,646	991
CSRA Inc.	20	1
		2,294,514

Telecommunications (2.7%)

AT&T Inc.	4,150,148	168,538
Verizon Communications Inc.	2,749,924	142,941
CenturyLink Inc.	368,715	10,114
* SBA Communications Corp. Class A	84,282	9,453
* T-Mobile US Inc.	194,158	9,071
* Level 3 Communications Inc.	194,556	9,023
Frontier Communications Corp.	795,078	3,308
* Sprint Corp.	405,765	2,690
* Zayo Group Holdings Inc.	82,274	2,444
		357,582

Utilities (3.2%)

NextEra Energy Inc.	315,049	38,537
Duke Energy Corp.	464,750	37,199
Southern Co.	660,143	33,865
Dominion Resources Inc.	422,336	31,367
American Electric Power Co. Inc.	331,564	21,290
PG&E Corp.	339,510	20,768
Exelon Corp.	621,593	20,693
Sempra Energy	168,654	18,078
Edison International	219,528	15,861
PPL Corp.	457,550	15,817
Consolidated Edison Inc.	205,467	15,472
Public Service Enterprise Group Inc.	341,009	14,278
Xcel Energy Inc.	342,523	14,091
WEC Energy Group Inc.	213,039	12,757

Eversource Energy	214,443	11,618
DTE Energy Co.	121,273	11,360
FirstEnergy Corp.	287,553	9,512
Entergy Corp.	121,035	9,287

American Water Works Co. Inc.	120,139	8,991
Ameren Corp.	163,886	8,060
CMS Energy Corp.	188,715	7,928
ONEOK Inc.	141,979	7,296
CenterPoint Energy Inc.	277,068	6,436
SCANA Corp.	87,092	6,303
Alliant Energy Corp.	153,031	5,863
Pinnacle West Capital Corp.	75,215	5,716
AES Corp.	443,957	5,705
NiSource Inc.	216,615	5,222
* Calpine Corp.	243,729	3,081
Avangrid Inc.	41,895	1,750
		424,201
Total Common Stocks (Cost \$9,200,912)		13,081,023

Coupon				
Temporary Cash Investments (0.2%)¹				
Money Market Fund (0.2%)				
2,3 Vanguard Market Liquidity Fund	0.640%		297,190	29,722
			Face	
		Maturity	Amount	
		Date	(\$000)	
U.S. Government and Agency Obligations (0.0%)				
4,5 Federal Home Loan Bank Discount Notes	0.360%	10/28/16	1,200	1,200
5 United States Treasury Bill	0.320%	12/8/16	100	100
				1,300
Total Temporary Cash Investments (Cost \$31,020)				31,022
Total Investments (100.1%) (Cost \$9,231,932)				13,112,045
Other Assets and Liabilities-Net (-0.1%)³				(14,651)
Net Assets (100%)				13,097,394

* Non-income-producing security.

^ Includes partial security positions on loan to broker-dealers. The total value of securities on loan is \$17,304,000.

1 The fund invests a portion of its cash reserves in equity markets through the use of index futures contracts. After giving effect to futures investments, the fund's effective common stock and temporary cash investment positions represent 100.0% and 0.1%, respectively, of net assets.

2 Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.

3 Includes \$17,449,000 of collateral received for securities on loan.

4 The issuer operates under a congressional charter; its securities are generally neither guaranteed by the U.S. Treasury nor backed by the full faith and credit of the U.S. government.

5 Securities with a value of \$800,000 have been segregated as initial margin for open futures contracts.

A. Security Valuation: Securities are valued as of the close of trading on the New York Stock Exchange (generally 4 p.m., Eastern time) on the valuation date. Equity securities are valued at the latest quoted sales prices or official closing prices taken from the primary market in which each security trades; such securities not traded on the valuation date are valued at the mean of the latest quoted bid and asked prices. Securities for which market quotations are not readily available, or whose values have been materially affected by events occurring before the fund's pricing time but after the close of the securities' primary markets, are valued by methods deemed by the board of trustees to represent fair value. Investments in Vanguard Market Liquidity Fund are valued at that fund's net asset value. Temporary cash investments acquired over 60 days to maturity are valued using the latest bid prices or using valuations based on a matrix system (which considers such factors as security prices, yields, maturities, and ratings), both as furnished by independent pricing

Large-Cap Index Fund

services. Other temporary cash investments are valued at amortized cost, which approximates market value.

B. Various inputs may be used to determine the value of the fund's investments. These inputs are summarized in three broad levels for financial statement purposes. The inputs or methodologies used to value securities are not necessarily an indication of the risk associated with investing in those securities.

Level 1—Quoted prices in active markets for identical securities.

Level 2—Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3—Significant unobservable inputs (including the fund's own assumptions used to determine the fair value of investments).

The following table summarizes the market value of the fund's investments as of September 30, 2016, based on the inputs used to value them:

Investments	Level 1 (\$000)	Level 2 (\$000)	Level 3 (\$000)
Common Stocks	13,081,023	—	—
Temporary Cash Investments	29,722	1,300	—
Futures Contracts—Assets¹	102	—	—
Total	13,110,847	1,300	—

¹ Represents variation margin on the last day of the reporting period.

C. Futures Contracts: The fund uses index futures contracts to a limited extent, with the objectives of maintaining full exposure to the stock market, enhancing returns, maintaining liquidity, and minimizing transaction costs. The fund may purchase futures contracts to immediately invest incoming cash in the market, or sell futures in response to cash outflows, thereby simulating a fully invested position in the underlying index while maintaining a cash balance for liquidity. The fund may seek to enhance returns by using futures contracts instead of the underlying securities when futures are believed to be priced more attractively than the underlying securities. The primary risks associated with the use of futures contracts are imperfect correlation between changes in market values of stocks held by the fund and the prices of futures contracts, and the possibility of an illiquid market. Counterparty risk involving futures is mitigated because a regulated clearinghouse is the counterparty instead of the clearing broker. To further mitigate counterparty risk, the fund trades futures contracts on an exchange, monitors the financial strength of its clearing brokers and clearinghouse, and has entered into clearing agreements with its clearing brokers. The clearinghouse imposes initial margin requirements to secure the fund's performance and requires daily settlement of variation margin representing changes in the market value of each contract.

Futures contracts are valued at their quoted daily settlement prices. The aggregate settlement values of the contracts are not recorded in the Schedule of Investments. Fluctuations in the value of the contracts are recorded as an asset (liability).

Large-Cap Index Fund

At September 30, 2016, the aggregate settlement value of open futures contracts and the related unrealized appreciation (depreciation) were:

(\$000)				
		Number of	Aggregate	
		Long (Short)	Settlement	Unrealized
Futures Contracts	Expiration	Contracts	Value Long	Appreciation
			(Short)	(Depreciation)
E-mini S&P 500 Index	December 2016	172	18,579	86

Unrealized appreciation (depreciation) on open futures contracts is required to be treated as realized gain (loss) for tax purposes.

D. At September 30, 2016, the cost of investment securities for tax purposes was \$9,231,932,000. Net unrealized appreciation of investment securities for tax purposes was \$3,880,113,000, consisting of unrealized gains of \$4,033,917,000 on securities that had risen in value since their purchase and \$153,804,000 in unrealized losses on securities that had fallen in value since their purchase.

Vanguard Mid-Cap Value Index Fund

Schedule of Investments (unaudited)

As of September 30, 2016

	Shares	Market Value (\$000)
Common Stocks (99.6%)¹		
Basic Materials (7.7%)		
Newmont Mining Corp.	3,524,195	138,466
Alcoa Inc.	8,737,216	88,595
Freeport-McMoRan Inc.	7,940,508	86,234
International Flavors & Fragrances Inc.	528,776	75,599
Celanese Corp. Class A	961,463	63,995
Albemarle Corp.	746,736	63,838
Eastman Chemical Co.	883,196	59,775
Mosaic Co.	2,322,276	56,803
* Ashland Global Holdings Inc.	412,613	47,842
Avery Dennison Corp.	590,347	45,923
FMC Corp.	888,946	42,972
CF Industries Holdings Inc.	1,548,788	37,713
WR Grace & Co.	467,366	34,491
Reliance Steel & Aluminum Co.	456,514	32,883
Westlake Chemical Corp.	256,519	13,724
		888,853
Consumer Goods (16.5%)		
Newell Brands Inc.	3,202,765	168,658
ConAgra Foods Inc.	2,918,180	137,476
Molson Coors Brewing Co. Class B	1,159,258	127,287
Dr Pepper Snapple Group Inc.	1,231,520	112,450
Clorox Co.	860,028	107,658
JM Smucker Co.	740,008	100,301
Genuine Parts Co.	939,701	94,393
Whirlpool Corp.	501,212	81,277
Tyson Foods Inc. Class A	987,975	73,772
DR Horton Inc.	2,349,337	70,950
Mattel Inc.	2,262,616	68,512

Coach Inc.	1,852,990	67,745
Delphi Automotive plc	905,945	64,612
Harley-Davidson Inc.	1,187,706	62,462
Hasbro Inc.	748,503	59,379
PVH Corp.	536,199	59,250
Lear Corp.	474,346	57,500
Bunge Ltd.	924,673	54,768
Lennar Corp. Class A	1,216,616	51,512
BorgWarner Inc.	1,352,218	47,571
PulteGroup Inc.	2,054,542	41,173
Leucadia National Corp.	2,154,799	41,027
Ralph Lauren Corp. Class A	374,542	37,881
Ingredion Inc.	239,166	31,823
* Edgewell Personal Care Co.	390,598	31,060
Goodyear Tire & Rubber Co.	869,477	28,084
^ Pilgrim's Pride Corp.	422,888	8,931
^ Coty Inc. Class A	292,728	6,879
Lennar Corp. Class B	62,621	2,102
		1,896,493

Consumer Services (10.9%)

Nielsen Holdings plc	2,254,859	120,793
Royal Caribbean Cruises Ltd.	1,143,908	85,736
Macy's Inc.	2,048,517	75,898
Best Buy Co. Inc.	1,822,335	69,577
Aramark	1,620,252	61,618
Foot Locker Inc.	898,853	60,870
Whole Foods Market Inc.	2,117,800	60,040
Interpublic Group of Cos. Inc.	2,661,871	59,493
Kohl's Corp.	1,218,293	53,300
Wynn Resorts Ltd.	540,069	52,613
AmerisourceBergen Corp. Class A	605,388	48,903
Darden Restaurants Inc.	795,345	48,771
* United Continental Holdings Inc.	910,299	47,763
News Corp. Class A	3,124,751	43,684
Bed Bath & Beyond Inc.	974,900	42,028
^ Nordstrom Inc.	806,567	41,845
* Liberty SiriusXM Group	1,184,040	39,559
Staples Inc.	4,321,145	36,946
H&R Block Inc.	1,464,741	33,909
Gap Inc.	1,450,205	32,253
* Liberty Interactive Corp. QVC Group Class A	1,405,688	28,128
* Rite Aid Corp.	3,475,049	26,723
Tiffany & Co.	351,760	25,548
* Discovery Communications Inc.	750,925	19,757
* Liberty SiriusXM Group	576,409	19,586
* Discovery Communications Inc. Class A	500,727	13,480
News Corp. Class B	198,909	2,828
Marriott International Inc. Class A	1,299	87
		1,251,736

Financials (25.2%)

Willis Towers Watson plc	871,140	115,661
Hartford Financial Services Group Inc.	2,563,644	109,775
M&T Bank Corp.	937,180	108,807
Principal Financial Group Inc.	1,910,347	98,402
KeyCorp	7,188,167	87,480
Citizens Financial Group Inc.	3,450,531	85,263
Invesco Ltd.	2,722,860	85,144
Regions Financial Corp.	8,337,555	82,292
* Market Corp.	88,290	82,001
Cincinnati Financial Corp.	1,038,593	78,331
Host Hotels & Resorts Inc.	4,931,952	76,790
Kimco Realty Corp.	2,650,705	76,738
First Republic Bank	989,885	76,330
Macerich Co.	906,391	73,300
Lincoln National Corp.	1,546,374	72,649
SL Green Realty Corp.	666,374	72,035
Huntington Bancshares Inc.	7,206,910	71,060
Annaly Capital Management Inc.	6,612,849	69,435
Western Union Co.	3,239,869	67,454
UDR Inc.	1,773,991	63,846
FNF Group	1,729,409	63,832
Iron Mountain Inc.	1,661,253	62,347
XL Group Ltd.	1,826,610	61,429
* Arch Capital Group Ltd.	773,564	61,313
Ally Financial Inc.	3,052,239	59,427
Unum Group	1,555,999	54,942

Comerica Inc.	1,153,257	54,572
Everest Re Group Ltd.	277,838	52,781
Nasdaq Inc.	768,037	51,873
Raymond James Financial Inc.	845,789	49,233
CIT Group Inc.	1,339,808	48,635
Camden Property Trust	579,781	48,551
Torchmark Corp.	755,937	48,297
Reinsurance Group of America Inc. Class A	425,628	45,942
New York Community Bancorp Inc.	3,073,964	43,742
American Capital Agency Corp.	2,198,389	42,957
Zions Bancorporation	1,362,639	42,269
Voya Financial Inc.	1,330,319	38,340
WR Berkley Corp.	611,733	35,334
* Liberty Broadband Corp.	481,500	34,418
Jones Lang LaSalle Inc.	300,200	34,160
Axis Capital Holdings Ltd.	600,743	32,638
People's United Financial Inc.	2,060,170	32,592
Duke Realty Corp.	1,161,955	31,756
Lazard Ltd. Class A	859,804	31,262
* Alleghany Corp.	48,597	25,514
Assurant Inc.	199,561	18,409
Navient Corp.	1,051,548	15,216
* Liberty Broadband Corp. Class A	82,903	5,816
* Santander Consumer USA Holdings Inc.	351,609	4,276
Equifax Inc.	2,673	360
		2,885,026
Health Care (4.7%)		
* Laboratory Corp. of America Holdings	679,501	93,418
* Henry Schein Inc.	543,314	88,549
Quest Diagnostics Inc.	923,499	78,156
Universal Health Services Inc. Class B	598,537	73,752
* Hologic Inc.	1,842,869	71,558
* Mallinckrodt plc	714,431	49,853
Perrigo Co. plc	452,201	41,752
Patterson Cos. Inc.	558,742	25,669
* Endo International plc	664,766	13,395
		536,102
Industrials (10.6%)		
Ball Corp.	1,157,351	94,845
Fidelity National Information Services Inc.	1,088,789	83,869
WestRock Co.	1,670,591	80,990
Dover Corp.	1,031,071	75,928
Rockwell Collins Inc.	863,112	72,795
L-3 Communications Holdings Inc.	461,805	69,608
Textron Inc.	1,610,943	64,035
Xylem Inc.	1,190,334	62,433
Sealed Air Corp.	1,306,682	59,872
Xerox Corp.	5,721,497	57,959
* Crown Holdings Inc.	926,331	52,884
Fluor Corp.	925,125	47,477
Flowserve Corp.	866,213	41,786
* Jacobs Engineering Group Inc.	806,759	41,726
Owens Corning	762,389	40,704
Hubbell Inc. Class B	367,687	39,615
* Arrow Electronics Inc.	606,402	38,792
Pentair plc	539,947	34,686
Avnet Inc.	843,870	34,649

ManpowerGroup Inc.	454,050	32,810
Cintas Corp.	276,186	31,099
Allison Transmission Holdings Inc.	943,567	27,061
* United Rentals Inc.	285,516	22,410
FLIR Systems Inc.	455,068	14,298
AGCO Corp.	1,584	78
		1,222,409
Oil & Gas (5.3%)		
National Oilwell Varco Inc.	2,508,387	92,158
Marathon Oil Corp.	5,627,747	88,975
Devon Energy Corp.	1,652,149	72,876
Tesoro Corp.	789,172	62,786
Helmerich & Payne Inc.	682,093	45,905
* FMC Technologies Inc.	1,498,962	44,474
Cimarex Energy Co.	315,560	42,402
OGE Energy Corp.	1,326,722	41,951
* Weatherford International plc	5,937,171	33,367
HollyFrontier Corp.	1,169,610	28,655
Energen Corp.	321,706	18,569
Murphy Oil Corp.	542,487	16,492
* Continental Resources Inc.	310,464	16,132
		604,742
Other (0.0%)²		
* Safeway Inc CVR (Casa Ley) Expire 1/30/2018	1,233	—
* Safeway Inc CVR (PDC) Expire 1/30/2017	1,233	—
		—
Technology (8.7%)		
Western Digital Corp.	1,869,372	109,302
Symantec Corp.	4,088,864	102,630
Motorola Solutions Inc.	1,107,494	84,480
Seagate Technology plc	1,991,223	76,762
Harris Corp.	828,578	75,906
Maxim Integrated Products Inc.	1,883,269	75,199
NetApp Inc.	1,848,348	66,208
* Micron Technology Inc.	3,448,899	61,321
* Synopsys Inc.	1,005,334	59,667
Juniper Networks Inc.	2,416,873	58,150
Xilinx Inc.	842,021	45,755
KLA-Tencor Corp.	518,282	36,129
Marvell Technology Group Ltd.	2,712,188	35,991
* Dell Technologies Inc - VMware Inc	738,658	35,308
Garmin Ltd.	688,327	33,115
Computer Sciences Corp.	465,279	24,292
* Nuance Communications Inc.	927,306	13,446
NVIDIA Corp.	11,451	785
CSRA Inc.	3,663	99
* IMS Health Holdings Inc.	316	10
		994,555
Telecommunications (0.3%)		

Frontier Communications Corp.	7,771,754	32,330
Utilities (9.7%)		
WEC Energy Group Inc.	2,096,369	125,530
Eversource Energy	2,107,007	114,158
DTE Energy Co.	1,191,892	111,644
American Water Works Co. Inc.	1,181,690	88,438

Ameren Corp.	1,611,684	79,263
CMS Energy Corp.	1,858,757	78,086
ONEOK Inc.	1,397,768	71,831
CenterPoint Energy Inc.	2,717,848	63,136
SCANA Corp.	854,452	61,837
Alliant Energy Corp.	1,510,121	57,853
AES Corp.	4,378,301	56,261
Pinnacle West Capital Corp.	737,299	56,027
NiSource Inc.	2,136,500	51,511
Entergy Corp.	594,578	45,622
* Calpine Corp.	2,379,426	30,076
Avangrid Inc.	409,636	17,116
		1,108,389

Total Common Stocks (Cost \$10,129,025)	11,420,635
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Coupon

Temporary Cash Investments (0.5%)¹

Money Market Fund (0.5%)

3,4 Vanguard Market Liquidity Fund	0.640%	569,114	56,917
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		Maturity	Face	
		Date	Amount	
			(\$000)	

U.S. Government and Agency Obligations (0.0%)

5 United States Treasury Bill	0.318%	10/20/16	1,100	1,100
5 United States Treasury Bill	0.312%	12/8/16	200	200
5 United States Treasury Bill	0.300%	12/22/16	300	300

1,600

Total Temporary Cash Investments (Cost \$58,516)	58,517
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Total Investments (100.1%) (Cost \$10,187,541)	11,479,152
---	-------------------

Other Assets and Liabilities-Net (-0.1%)⁴	(14,843)
---	-----------------

Net Assets (100%)	11,464,309
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* Non-income-producing security.

[^] Includes partial security positions on loan to broker-dealers. The total value of securities on loan is \$18,685,000.

¹ The fund invests a portion of its cash reserves in equity markets through the use of index futures contracts. After giving effect to futures investments, the fund's effective common stock and temporary cash investment positions represent 99.9% and 0.2%, respectively, of net assets.

² "Other" represents securities that are not classified by the fund's benchmark index.

³ Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.

⁴ Includes \$19,154,000 of collateral received for securities on loan.

⁵ Securities with a value of \$1,600,000 have been segregated as initial margin for open futures contracts.

A. Security Valuation: Securities are valued as of the close of trading on the New York Stock Exchange (generally 4 p.m., Eastern time) on the valuation date. Equity securities are valued at the latest quoted sales prices or official closing prices taken from the primary market in which each security trades; such securities not traded on the valuation date are valued at the mean of the latest quoted bid and asked prices. Securities for which market quotations are not readily available, or whose values have been materially affected by events occurring before the fund's pricing time but after the close of the securities' primary markets, are valued by methods deemed by the board of trustees to represent fair value. Investments in Vanguard Market Liquidity Fund are valued at that fund's net asset value. Temporary cash investments acquired over 60 days to maturity are valued using the latest bid prices or using valuations based on a matrix system (which considers such factors as security prices, yields, maturities, and ratings), both as furnished by independent pricing services. Other temporary cash investments are valued at amortized cost, which approximates market value.

B. Various inputs may be used to determine the value of the fund's investments. These inputs are summarized in three broad levels for financial statement purposes. The inputs or methodologies used to value securities are not necessarily an indication of the risk associated with investing in those securities.

Level 1—Quoted prices in active markets for identical securities.

Level 2—Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3—Significant unobservable inputs (including the fund's own assumptions used to determine the fair value of investments).

The following table summarizes the market value of the fund's investments as of September 30, 2016, based on the inputs used to value them:

Investments	Level 1 (\$000)	Level 2 (\$000)	Level 3 (\$000)
Common Stocks	11,420,635	—	—
Temporary Cash Investments	56,917	1,600	—
Futures Contracts—Assets ¹	247	—	—
Total	11,477,799	1,600	—

¹ Represents variation margin on the last day of the reporting period.

C. Futures Contracts: The fund uses index futures contracts to a limited extent, with the objectives of maintaining full exposure to the stock market, enhancing returns, maintaining liquidity, and minimizing transaction costs. The fund may purchase futures contracts to immediately invest incoming cash in the market, or sell futures in response to cash outflows, thereby simulating a fully invested position in the underlying index while maintaining a cash balance for liquidity. The fund may seek to enhance returns by using futures contracts instead of the underlying securities when futures are believed to be priced more attractively than the underlying securities. The primary risks associated with the use of futures contracts are imperfect correlation between changes in market values of stocks held by the fund and the prices of futures contracts, and the possibility of an illiquid market. Counterparty risk involving futures is mitigated because a regulated clearinghouse is the counterparty instead of the clearing broker. To further mitigate counterparty risk, the fund trades futures contracts on an exchange, monitors the financial strength of its clearing brokers and clearinghouse, and has entered into clearing agreements with its clearing brokers. The clearinghouse imposes initial margin requirements to secure the fund's performance and requires daily settlement of variation margin representing changes in the market value of each contract.

Futures contracts are valued at their quoted daily settlement prices. The aggregate settlement values of the contracts are not recorded in the Schedule of Investments. Fluctuations in the value of the contracts are recorded as an asset (liability).

At September 30, 2016, the aggregate settlement value of open futures contracts and the related unrealized appreciation (depreciation) were:

		(\$000)		
		Aggregate		Unrealized
		Number of	Settlement	Appreciation
Futures Contracts	Expiration	Long (Short)	Value Long	(Depreciation)
		Contracts	(Short)	
E-mini S&P 500 Index	December 2016	227	29,922	438
E-mini S&P Mid-Cap 400 Index	December 2016	61	9,453	106
				544

Unrealized appreciation (depreciation) on open futures contracts is required to be treated as realized gain (loss) for tax purposes.

D. At September 30, 2016, the cost of investment securities for tax purposes was \$10,187,541,000. Net unrealized appreciation of investment securities for tax purposes was \$1,291,611,000, consisting of unrealized gains of \$1,588,765,000 on securities that had risen in value since their purchase and \$297,154,000 in unrealized losses on securities that had fallen in value since their purchase.

Vanguard Mid-Cap Growth Index Fund

Schedule of Investments (unaudited)

As of September 30, 2016

	Shares	Market Value (\$000)
Common Stocks (99.7%)¹		
Basic Materials (0.4%)		
* Axalta Coating Systems Ltd.	1,101,669	31,144
Consumer Goods (10.4%)		
* Electronic Arts Inc.	1,463,294	124,965
* Mohawk Industries Inc.	322,786	64,667
Church & Dwight Co. Inc.	1,319,212	63,217
McCormick & Co. Inc.	589,109	58,864
* LKQ Corp.	1,494,201	52,984
Hormel Foods Corp.	1,356,795	51,463
* WhiteWave Foods Co. Class A	907,503	49,395
Hanesbrands Inc.	1,934,855	48,855
Snap-on Inc.	297,444	45,200
* Michael Kors Holdings Ltd.	822,261	38,474
*,^ Under Armour Inc. Class A	939,220	36,329
* Under Armour Inc.	955,010	32,337
* NVR Inc.	18,948	31,072
* WABCO Holdings Inc.	271,342	30,805
Harman International Industries Inc.	357,118	30,159
* lululemon athletica Inc.	488,208	29,771
^ Polaris Industries Inc.	312,739	24,218
		812,775
Consumer Services (13.4%)		
Ross Stores Inc.	2,046,095	131,564
* Dollar Tree Inc.	1,146,632	90,504

Expedia Inc.	631,866	73,751
* Ulta Salon Cosmetics & Fragrance Inc.	303,456	72,216
* MGM Resorts International	2,462,292	64,094
* Chipotle Mexican Grill Inc. Class A	149,111	63,149
Advance Auto Parts Inc.	358,290	53,428
* CarMax Inc.	980,570	52,313
Marriott International Inc./ Class A	749,053	50,434
Tractor Supply Co.	684,479	46,100
Alaska Air Group Inc.	630,393	41,518
Wyndham Worldwide Corp.	562,675	37,885
* TripAdvisor Inc.	578,289	36,536
FactSet Research Systems Inc.	208,106	33,734
* Norwegian Cruise Line Holdings Ltd.	813,773	30,679
Signet Jewelers Ltd.	400,624	29,859
Scripps Networks Interactive Inc. Class A	415,612	26,387
* Liberty Interactive Corp. QVC Group Class A	1,089,579	21,803
Williams-Sonoma Inc.	412,166	21,053
Tiffany & Co.	272,598	19,799
* AutoNation Inc.	367,018	17,877
* Discovery Communications Inc.	576,503	15,168
* Discovery Communications Inc. Class A	383,111	10,313
* Hyatt Hotels Corp. Class A	113,089	5,566
		1,045,730

Financials (14.8%)

Equinix Inc.	364,009	131,134
Moody's Corp.	837,132	90,645
Realty Income Corp.	1,324,231	88,631
Equifax Inc.	611,168	82,251
Essex Property Trust Inc.	335,433	74,701
Digital Realty Trust Inc.	752,147	73,048
* IHS Markit Ltd.	1,834,215	68,875
AvalonBay Communities Inc.	351,574	62,524
Federal Realty Investment Trust	365,781	56,305
VEREIT Inc.	4,943,261	51,262
Extra Space Storage Inc.	611,949	48,595
Alexandria Real Estate Equities Inc.	399,269	43,428
Brixmor Property Group Inc.	1,558,474	43,310
* CBRE Group Inc. Class A	1,546,977	43,284
* E*TRADE Financial Corp.	1,401,609	40,815
* Affiliated Managers Group Inc.	275,836	39,913
MSCI Inc. Class A	460,311	38,638
SEI Investments Co.	743,359	33,905
* Liberty Broadband Corp.	373,218	26,678
Realogy Holdings Corp.	374,194	9,677
* Liberty Broadband Corp. Class A	63,553	4,459
Macerich Co.	260	21
Camden Property Trust	152	13
Lazard Ltd. Class A	228	8
		1,152,120

Health Care (12.2%)

* Edwards Lifesciences Corp.	1,090,249	131,440
CR Bard Inc.	376,199	84,374
* Incyte Corp.	818,345	77,162
* BioMarin Pharmaceutical Inc.	830,849	76,870
Dentsply Sirona Inc.	1,193,316	70,919
* Waters Corp.	391,934	62,118
* DaVita Inc.	847,686	56,007
* Centene Corp.	830,650	55,620
* IDEXX Laboratories Inc.	458,581	51,696
* Varian Medical Systems Inc.	478,248	47,600
ResMed Inc.	720,513	46,682
Cooper Cos. Inc.	248,103	44,475
* Quintiles Transnational Holdings Inc.	457,357	37,073
* Alkermes plc	776,194	36,504
* Jazz Pharmaceuticals plc	294,448	35,769
* Alnylam Pharmaceuticals Inc.	374,241	25,366
* Envision Healthcare Holdings Inc.	476,496	10,612
		950,287

Industrials (23.6%)

* Fiserv Inc.	1,125,709	111,974
Amphenol Corp. Class A	1,581,115	102,646
Roper Technologies Inc.	518,953	94,693
* FleetCor Technologies Inc.	450,298	78,230
Vulcan Materials Co.	681,464	77,503
* TransDigm Group Inc.	259,152	74,926
Waste Connections Inc.	898,316	67,104
* Verisk Analytics Inc. Class A	778,823	63,303
Fastenal Co.	1,479,921	61,831
* Alliance Data Systems Corp.	284,767	61,091

Global Payments Inc.	787,331	60,436
Acuity Brands Inc.	224,768	59,474
WW Grainger Inc.	263,036	59,141
Martin Marietta Materials Inc.	324,819	58,178
Masco Corp.	1,691,146	58,023
* Mettler-Toledo International Inc.	135,663	56,955
AMETEK Inc.	1,190,312	56,873
Kansas City Southern	553,001	51,606
CH Robinson Worldwide Inc.	730,868	51,497
Expeditors International of Washington Inc.	927,233	47,771
Fortune Brands Home & Security Inc.	788,175	45,793
* Vantiv Inc. Class A	801,346	45,092
Total System Services Inc.	847,272	39,949
JB Hunt Transport Services Inc.	461,631	37,457
* Trimble Navigation Ltd.	1,276,090	36,445
Wabtec Corp.	438,407	35,796
* Stericycle Inc.	435,510	34,902
* Sensata Technologies Holding NV	874,673	33,920
Macquarie Infrastructure Corp.	375,573	31,263
Pentair plc	418,575	26,889
B/E Aerospace Inc.	495,815	25,614
Cintas Corp.	214,064	24,104
Robert Half International Inc.	634,964	24,040
* First Data Corp. Class A	1,753,598	23,077
* United Rentals Inc.	219,178	17,203
		1,834,799
Oil & Gas (5.1%)		
* Concho Resources Inc.	721,018	99,032
EQT Corp.	884,654	64,244
Cabot Oil & Gas Corp.	2,382,276	61,463
* Cheniere Energy Inc.	1,025,953	44,731
Range Resources Corp.	1,076,749	41,724
Cimarex Energy Co.	243,196	32,678
* Antero Resources Corp.	1,025,420	27,635
Core Laboratories NV	226,589	25,453
		396,960
Technology (17.8%)		
* Cerner Corp.	1,556,588	96,119
NVIDIA Corp.	1,301,498	89,179
* Autodesk Inc.	1,093,030	79,059
Lam Research Corp.	820,743	77,733
* Red Hat Inc.	927,445	74,965
Skyworks Solutions Inc.	960,227	73,112
Linear Technology Corp.	1,227,746	72,793
* Palo Alto Networks Inc.	435,886	69,450
Microchip Technology Inc.	1,102,534	68,511
* Twitter Inc.	2,899,661	66,837
* Citrix Systems Inc.	757,592	64,562
* ServiceNow Inc.	800,337	63,347
* Workday Inc. Class A	578,909	53,080
* Akamai Technologies Inc.	850,033	45,043

CDK Global Inc.	768,887	44,103
* F5 Networks Inc.	339,024	42,256
* ANSYS Inc.	446,624	41,362
* Splunk Inc.	680,459	39,929
* Qorvo Inc.	654,953	36,507

* VeriSign Inc.	464,775	36,364
* Gartner Inc.	401,885	35,547
Xilinx Inc.	648,997	35,267
KLA-Tencor Corp.	400,601	27,926
* NetSuite Inc.	207,809	23,002
* IMS Health Holdings Inc.	606,693	19,014
* Premier Inc. Class A	230,668	7,460
		1,382,527
Telecommunications (2.0%)		
* SBA Communications Corp. Class A	638,222	71,583
* Level 3 Communications Inc.	1,473,024	68,319
* Zayo Group Holdings Inc.	622,016	18,480
		158,382
Utilities (0.0%)		
* Calpine Corp.	630	8

Total Common Stocks (Cost \$6,727,137)	7,764,732
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Coupon

Temporary Cash Investments (0.5%)¹

Money Market Fund (0.5%)

2,3 Vanguard Market Liquidity Fund	0.640%	378,656	37,869
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		Maturity Date	Face Amount (\$000)	
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**U.S. Government and Agency Obligations
(0.0%)**

4 United States Treasury Bill	0.321%	12/1/16	400	400
4 United States Treasury Bill	0.275-0.312%	12/8/16	600	600
				1,000

Total Temporary Cash Investments (Cost \$38,869)	38,869
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Total Investments (100.2%) (Cost \$6,766,006)	7,803,601
--	------------------

Other Asset and Liabilities-Net (-0.2%)³	(17,309)
--	-----------------

Net Assets (100%)	7,786,292
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* Non-income-producing security.

[^] Includes partial security positions on loan to broker-dealers. The total value of securities on loan is \$9,487,000.

¹ The fund invests a portion of its cash reserves in equity markets through the use of index futures contracts. After giving effect to futures investments, the fund's effective common stock and temporary cash investment positions represent 100.0% and 0.2%, respectively, of net assets.

² Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.

³ Includes \$9,709,000 of collateral received for securities on loan.

⁴ Securities with a value of \$1,000,000 have been segregated as initial margin for open futures contracts.

A. Security Valuation: Securities are valued as of the close of trading on the New York Stock Exchange (generally 4 p.m., Eastern time) on the valuation date. Equity securities are valued at the latest quoted sales prices or official closing prices taken from the primary market in which each security trades; such securities not traded on the valuation date are valued at the mean of the latest quoted bid and asked prices. Securities for which market quotations are not readily available, or whose values have been materially affected by events occurring before the fund's pricing time but after the close of the securities' primary markets, are valued by methods deemed by the board of trustees to represent fair value. Investments in Vanguard Market Liquidity Fund are valued at that fund's net asset value. Temporary cash investments acquired over 60 days to maturity are valued using the latest bid prices or using valuations based on a matrix system (which considers such

Mid-Cap Growth Index Fund

factors as security prices, yields, maturities, and ratings), both as furnished by independent pricing services. Other temporary cash investments are valued at amortized cost, which approximates market value.

B. Various inputs may be used to determine the value of the fund's investments. These inputs are summarized in three broad levels for financial statement purposes. The inputs or methodologies used to value securities are not necessarily an indication of the risk associated with investing in those securities.

Level 1—Quoted prices in active markets for identical securities.

Level 2—Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3—Significant unobservable inputs (including the fund's own assumptions used to determine the fair value of investments).

The following table summarizes the market value of the fund's investments as of September 30, 2016, based on the inputs used to value them:

Investments	Level 1 (\$000)	Level 2 (\$000)	Level 3 (\$000)
Common Stocks	7,764,732	—	—
Temporary Cash Investments	37,869	1,000	—
Futures Contracts—Assets ¹	144	—	—
Total	7,802,745	1,000	—

¹ Represents variation margin on the last day of the reporting period.

C. Futures Contracts: The fund uses index futures contracts to a limited extent, with the objectives of maintaining full exposure to the stock market, enhancing returns, maintaining liquidity, and minimizing transaction costs. The fund may purchase futures contracts to immediately invest incoming cash in the market, or sell futures in response to cash outflows, thereby simulating a fully invested position in the underlying index while maintaining a cash balance for liquidity. The fund may seek to enhance returns by using futures contracts instead of the underlying securities when futures are believed to be priced more attractively than the underlying securities. The primary risks associated with the use of futures contracts are imperfect correlation between changes in market values of stocks held by the fund and the prices of futures contracts, and the possibility of an illiquid market. Counterparty risk involving futures is mitigated because a regulated clearinghouse is the counterparty instead of the clearing broker. To further mitigate counterparty risk, the fund trades futures contracts on an exchange, monitors the financial strength of its clearing brokers and clearinghouse, and has entered into clearing agreements with its clearing brokers. The clearinghouse imposes initial margin requirements to secure the fund's performance and requires daily settlement of variation margin representing changes in the market value of each contract.

Futures contracts are valued at their quoted daily settlement prices. The aggregate settlement values of the contracts are not recorded in the Schedule of Investments. Fluctuations in the value of the contracts are recorded as an asset (liability).

At September 30, 2016, the aggregate settlement value of open futures contracts and the related unrealized appreciation (depreciation) were:

Mid-Cap Growth Index Fund

		(\$000)		
		Aggregate		Unrealized
		Settlement		Appreciation
Futures Contracts	Expiration	Value Long		(Short) (Depreciation)
E-mini S&P 500 Index	December 2016	165	17,823	264
E-mini S&P Mid-Cap 400 Index	December 2016	34	5,269	59
				323

Unrealized appreciation (depreciation) on open futures contracts is required to be treated as realized gain (loss) for tax purposes.

D. At September 30, 2016, the cost of investment securities for tax purposes was \$6,766,006,000. Net unrealized appreciation of investment securities for tax purposes was \$1,037,595,000, consisting of unrealized gains of \$1,319,905,000 on securities that had risen in value since their purchase and \$282,310,000 in unrealized losses on securities that had fallen in value since their purchase.

Item 2: Controls and Procedures

(a) Disclosure Controls and Procedures. The Principal Executive and Financial Officers concluded that the Registrant's Disclosure Controls and Procedures are effective based on their evaluation of the Disclosure Controls and Procedures as of a date within 90 days of the filing date of this report.

(b) Internal Control Over Financial Reporting. During the last fiscal quarter, there was no significant change in the Registrant's internal control over financial reporting that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.

Item 3: Exhibits

(a) Certifications

VANGUARD INDEX FUNDS

By: /s/ F. WILLIAM MCNABB III*
F. WILLIAM MCNABB III
CHIEF EXECUTIVE OFFICER

Date: November 17, 2016

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

VANGUARD INDEX FUNDS

By: /s/ F. WILLIAM MCNABB III*
F. WILLIAM MCNABB III
CHIEF EXECUTIVE OFFICER

Date: November 17, 2016

VANGUARD INDEX FUNDS

/s/ THOMAS J. HIGGINS*

THOMAS J. HIGGINS
CHIEF FINANCIAL OFFICER

Date: November 17, 2016

*By: /s/ Anne E. Robinson

Anne E. Robinson, pursuant to a Power of Attorney filed on October 4, 2016, see File Number 33-32548, Incorporated by Reference.

CERTIFICATIONS

I, F. William McNabb III, certify that:

1. I have reviewed this report on Form N-Q of Vanguard Index Funds;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the schedules of investments included in this report fairly present in all material respects the investments of the registrant as of the end of the fiscal quarter for which the report is filed;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940) and internal control over financial reporting (as defined in Rule 30a-3(d) under the Investment Company Act of 1940) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of a date within 90 days prior to the filing date of this report, based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize, and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: November 17, 2016

/s/ F. William McNabb III

F. William McNabb III
Chief Executive Officer

CERTIFICATIONS

I, Thomas J. Higgins, certify that:

1. I have reviewed this report on Form N-Q of Vanguard Index Funds;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the schedules of investments included in this report fairly present in all material respects the investments of the registrant as of the end of the fiscal quarter for which the report is filed;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940) and internal control over financial reporting (as defined in Rule 30a-3(d) under the Investment Company Act of 1940) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of a date within 90 days prior to the filing date of this report, based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize, and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: November 17, 2016

/s/ Thomas J Higgins

Thomas J. Higgins
Chief Financial Officer