



Semiannual Report | June 30, 2018

Vanguard Total Stock Market Index Fund

# Vanguard's Principles for Investing Success

We want to give you the best chance of investment success. These principles, grounded in Vanguard's research and experience, can put you on the right path.

Goals. Create clear, appropriate investment goals.

Balance. Develop a suitable asset allocation using broadly diversified funds.

Cost. Minimize cost.

Discipline. Maintain perspective and long-term discipline.

A single theme unites these principles: Focus on the things you can control. We believe there is no wiser course for any investor.

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Please note: The opinions expressed in this report are just that—informed opinions. They should not be considered promises or advice. Also, please keep in mind that the information and opinions cover the period through the date on the front of this report. Of course, the risks of investing in your fund are spelled out in the prospectus.

See the Glossary for definitions of investment terms used in this report.

About the cover: Nautical images have been part of Vanguard's rich heritage since its start in 1975. For an incoming ship, a lighthouse offers a beacon and safe path to shore. You can similarly depend on Vanguard to put you first—and light the way—as you strive to meet your financial goals. Our client focus and low costs, stemming from our unique ownership structure, assure that your interests are paramount.

# Your Fund's Performance at a Glance

- Vanguard Total Stock Market Index Fund returned more than 3% for the six months ended June 30, 2018. The fund closely tracked its benchmark, the CRSP US Total Market Index, and exceeded the average return of its multi-capitalization core fund peers.
- The fund offers investors exposure to every segment, size, and style of the U.S. equity market.
- During the period, small-cap stocks outperformed their mid- and large-cap counterparts, and growth stocks outpaced value.
- Five of the fund's ten industry sectors recorded positive returns. Technology and consumer services produced the strongest results and contributed most to the overall return.
- Consumer goods and industrials were the worst-performing sectors on a relative basis.

### Total Returns: Six Months Ended June 30, 2018

3.23%
3.27
3.29
3.28
3.28
3.29
3.30
3.29
1.76

Multi-Cap Core Funds Average: Derived from data provided by Lipper, a Thomson Reuters Company.

Admiral Shares carry lower expenses and are available to investors who meet certain account-balance requirements. Institutional Shares, Institutional Plus Shares, and Institutional Select Shares are available to certain institutional investors who meet specific administrative, service, and account-size criteria. The Vanguard ETF® Shares shown are traded on the NYSE Arca exchange and are available only through brokers. The table provides ETF returns based on both the NYSE Arca market price and the net asset value for a share. U.S. Pat. Nos. 6,879,964; 7,337,138; 7,720,749; 7,925,573; 8,090,646; and 8,417,623.

For the ETF Shares, the market price is determined by the midpoint of the bid-offer spread as of the closing time of the New York Stock Exchange (generally 4 p.m., Eastern time). The net asset value is also determined as of the NYSE closing time. For more information about how the ETF Shares' market prices have compared with their net asset value, visit vanguard.com, select your ETF, and then select the Price and Performance tab. The ETF premium/discount analysis there shows the percentages of days on which the ETF Shares' market price was above or helow the NAV.

### **Expense Ratios**

Your Fund Compared With Its Peer Group

	Investor Shares	ETF Shares	Admiral Shares		Institutional Plus Shares	Institutional Select Shares	Peer Group Average
Total Stock Market Index Fund	0.14%	0.04%	0.04%	0.035%	0.02%	0.01%	1.11%

The fund expense ratios shown are from the prospectus dated April 25, 2018, and represent estimated costs for the current fiscal year. For the six months ended June 30, 2018, the fund's annualized expense ratios were 0.14% for Investor Shares, 0.04% for ETF Shares, 0.04% for Admiral Shares, 0.033% for Institutional Shares, 0.02% for Institutional Plus Shares, and 0.01% for Institutional Select Shares. The peer-group expense ratio is derived from data provided by Lipper, a Thomson Reuters Company, and captures information through year-end 2017.

Peer group: Multi-Cap Core Funds.

# CEO's Perspective



Tim Buckley
President and Chief Executive Officer

Dear Shareholder,

I feel extremely fortunate to have the chance to lead a company filled with people who come to work every day passionate about Vanguard's core purpose: to take a stand for all investors, to treat them fairly, and to give them the best chance for investment success

When I joined Vanguard in 1991, I found a mission-driven team focused on improving lives—helping people retire more comfortably, put their children through college, and achieve financial security. I also found a company with purpose in an industry ripe for improvement.

It was clear, even early in my career, that the cards were stacked against most investors. Hidden fees, performance-chasing, and poor advice were relentlessly eroding investors' dreams.

We knew Vanguard could be different and, as a result, could make a real difference. We have lowered the costs of investing for our shareholders significantly. And we're proud of the performance of our funds.

Vanguard is built for Vanguard investors—we focus solely on you, our fund shareholders. Everything we do is designed to give our clients the best chance for investment success. In my role as CEO. I'll keep this priority

front and center. We're proud of what we've achieved, but we're even more excited about what's to come.

# Steady, time-tested guidance

Our guidance for investors, as always, is to stay the course, tune out the hyperbolic headlines, and focus on your goals and what you can control, such as costs and how much you save. This time-tested advice has served our clients well over the decades.

Regardless of how the markets perform in the short term, I'm incredibly optimistic about the future for our investors. We have a dedicated team serving you, and we will never stop striving to make

Vanguard the best place for you to invest through our high-quality funds and services, advice and guidance to help you meet your financial goals, and an experience that makes you feel good about entrusting us with your hard-earned savings.

Thank you for your continued loyalty.

Sincerely,

July 13, 2018

Mortimer J. Buckley
President and Chief Executive Officer

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### Market Barometer

			Total Returns	
	Periods Ended June 30, 201			
	Six	One	Five Years	
	Months	Year	(Annualized)	
Stocks				
Russell 1000 Index (Large-caps)	2.85%	14.54%	13.37%	
Russell 2000 Index (Small-caps)	7.66	17.57	12.46	
Russell 3000 Index (Broad U.S. market)	3.22	14.78	13.29	
FTSE All-World ex US Index (International)	-3.83	7.28	6.35	
Bonds				
Bloomberg Barclays U.S. Aggregate Bond Index				
(Broad taxable market)	-1.62%	-0.40%	2.27%	
Bloomberg Barclays Municipal Bond Index				
(Broad tax-exempt market)	-0.25	1.56	3.53	
FTSE Three-Month U.S. Treasury Bill Index	0.78	1.33	0.38	
CPI				
Consumer Price Index	2.22%	2.87%	1.54%	

# Total Stock Market Index Fund

# **Fund Profile**

As of June 30, 2018

### Share-Class Characteristics

	Investor Shares	ETF Shares	Admiral Shares		Institutional Plus Shares	Institutional Select Shares
Ticker Symbol	VTSMX	VTI	VTSAX	VITSX	VSMPX	VSTSX
Expense Ratio <sup>1</sup>	0.14%	0.04%	0.04%	0.035%	0.02%	0.01%
30-Day SEC Yield	1.73%	1.83%	1.83%	1.84%	1.85%	1.86%

#### Portfolio Characteristics

	Fund	CRSP US Total Market Index
Number of Stocks	3,654	3,594
Median Market Cap	\$64.0B	\$64.0B
Price/Earnings Ratio	20.8x	20.7x
Price/Book Ratio	3.0x	3.0x
Return on Equity	15.0%	15.0%
Earnings Growth Rate	8.2%	8.2%
Dividend Yield	1.8%	1.8%
Foreign Holdings	0.0%	0.0%
Turnover Rate (Annualized)	3%	
Short-Term Reserves	-0.1%	

#### Sector Diversification (% of equity exposure)

	Fired	CRSP US Total Market
	Fund	Index
Basic Materials	2.5%	2.5%
Consumer Goods	8.1	8.1
Consumer Services	13.2	13.2
Financials	19.8	19.9
Health Care	12.7	12.7
Industrials	12.9	12.9
Oil & Gas	6.1	6.1
Technology	19.9	19.9
Telecommunications	1.9	1.8
Utilities	2.9	2.9

Sector categories are based on the Industry Classification Benchmark ("ICB"), except for the "Other" category (if applicable), which includes securities that have not been provided an ICB classification as of the effective reporting period.

# Volatility Measures

	CRSP
	US Total
	Market
	Index
R-Squared	1.00
Beta	1.00

These measures show the degree and timing of the fund's fluctuations compared with the index over 36 months.

# Ten Largest Holdings (% of total net assets)

Apple Inc.	Computer Hardware	2.9%
Microsoft Corp.	Software	2.7
Amazon.com Inc.	Broadline Retailers	2.5
Alphabet Inc.	Internet	2.4
Facebook Inc.	Internet	1.7
Berkshire Hathaway Inc.	Reinsurance	1.3
JPMorgan Chase & Co.	Banks	1.3
Exxon Mobil Corp.	Integrated Oil & Gas	1.3
Johnson & Johnson	Pharmaceuticals	1.2
Bank of America Corp.	Banks	1.0
Top Ten		18.3%

The holdings listed exclude any temporary cash investments and equity index products.

### Investment Focus

Style		Value	Blend	Growth
Market Cap	Large			
	Medium			
	Small			

<sup>1</sup> The expense ratios shown are from the prospectus dated April 25, 2018, and represent estimated costs for the current fiscal year. For the six months ended June 30, 2018, the annualized expense ratios were 0.14% for Investor Shares, 0.04% for ETF Shares, 0.04% for Admiral Shares, 0.033% for Institutional Shares, 0.02% for Institutional Plus Shares, and 0.01% for Institutional Select Shares.

# Performance Summary

All of the returns in this report represent past performance, which is not a guarantee of future results that may be achieved by the fund. (Current performance may be lower or higher than the performance data cited. For performance data current to the most recent month-end, visit our website at vanguard.com/performance.) Note, too, that both investment returns and principal value can fluctuate widely, so an investor's shares, when sold, could be worth more or less than their original cost. The returns shown do not reflect taxes that a shareholder would pay on fund distributions or on the sale of fund shares.

# Fiscal-Year Total Returns (%): December 31, 2007, Through June 30, 2018



# Average Annual Total Returns: Periods Ended June 30, 2018

	Inception Date	One Year	Five Years	Ten Years
Investor Shares	4/27/1992	14.71%	13.14%	10.21%
ETF Shares	5/24/2001			
Market Price		14.85	13.28	10.34
Net Asset Value		14.83	13.27	10.33
Admiral Shares	11/13/2000	14.82	13.26	10.33
Institutional Shares	7/7/1997	14.82	13.27	10.34
Institutional Plus Shares	4/28/2015	14.83	_	10.29 <sup>1</sup>
Institutional Select Shares	6/27/2016	14.85	_	19.52 <sup>1</sup>

<sup>1</sup> Return since inception.

# Financial Statements (unaudited)

# Statement of Net Assets—Investments Summary

As of June 30, 2018

This Statement summarizes the fund's holdings by asset type. Details are reported for each of the fund's 50 largest individual holdings and for investments that, in total for any issuer, represent more than 1% of the fund's net assets. The total value of smaller holdings is reported as a single amount within each category.

The fund reports a complete list of its holdings in regulatory filings four times in each fiscal year, at the quarter-ends. For the second and fourth fiscal quarters, the complete listing of the fund's holdings is available electronically on vanguard.com and on the Securities and Exchange Commission's website (sec.gov), or you can have it mailed to you without charge by calling 800-662-7447. For the first and third fiscal quarters, the fund files the lists with the SEC on Form N-Q. Shareholders can look up the fund's Forms N-Q on the SEC's website. Forms N-Q may also be reviewed and copied at the SEC's Public Reference Room (see the back cover of this report for further information).

		Market	Percentage
	Shares	Value* (\$000)	of Net Assets
Common Stocks	Silares	(\$000)	A33613
Basic Materials			
DowDuPont Inc.	58,087,208	3,829,109	0.5%
Basic Materials—Other †		13,683,839	2.0%
		17,512,948	2.5%
Consumer Goods			
Procter & Gamble Co.	62,944,451	4,913,444	0.7%
Coca-Cola Co.	95,868,820	4,204,806	0.6%
PepsiCo Inc.	35,487,055	3,863,476	0.5%
Philip Morris International Inc.	38,907,434	3,141,386	0.4%
Altria Group Inc.	47,373,565	2,690,345	0.4%
Consumer Goods—Other †		37,578,145	5.4%
		56,391,602	8.0%
Consumer Services			
* Amazon.com Inc.	10,323,574	17,548,011	2.5%
Home Depot Inc.	28,871,767	5,632,882	0.8%
* Netflix Inc.	10,336,108	4,045,863	0.6%
Comcast Corp. Class A	114,928,401	3,770,801	0.5%
Walt Disney Co.	35,434,316	3,713,871	0.5%
Walmart Inc.	36,955,972	3,165,279	0.5%
McDonald's Corp.	19,651,519	3,079,197	0.4%
<sup>1</sup> Consumer Services—Other †		51,506,729	7.4%
		92,462,633	13.2%
Financials			
JPMorgan Chase & Co.	85,236,974	8,881,693	1.3%
* Berkshire Hathaway Inc. Class B	47,314,420	8,831,236	1.3%
Bank of America Corp.	241,101,577	6,796,653	1.0%
Wells Fargo & Co.	109,775,666	6,085,963	0.9%
Visa Inc. Class A	44,714,503	5,922,436	0.8%
Mastercard Inc. Class A	23,212,668	4,561,754	0.6%

		Market	Percentage
		Value*	of Net
	Shares	(\$000)	Assets
Citigroup Inc.	63,819,490	4,270,800	0.6%
Berkshire Hathaway Inc. Class A	1,026	289,373	0.0%
<sup>1</sup> Financials—Other †		93,198,423	13.3%
		138,838,331	19.8%
Health Care			
Johnson & Johnson	67,144,991	8,147,373	1.2%
UnitedHealth Group Inc.	24,054,849	5,901,617	0.8%
Pfizer Inc.	146,436,519	5,312,717	0.8%
Merck & Co. Inc. AbbVie Inc.	67,347,667	4,088,003	0.6%
Amgen Inc.	37,934,567 16,564,922	3,514,638 3,057,719	0.5% 0.4%
Medtronic plc	33,922,297	2,904,088	0.4%
Abbott Laboratories	43,887,375	2,676,691	0.4%
Health Care—Other †	10,007,070	53,248,100	7.6%
		88,850,946	12.7%
Industrials			
Boeing Co.	14,582,572	4,892,599	0.7%
General Electric Co.	217,366,633	2,958,360	0.4%
3M Co.	14,852,629	2,921,809	0.4%
Union Pacific Corp.	19,278,141	2,731,327	0.4%
Honeywell International Inc.	18,685,824	2,691,693	0.4%
Accenture plc Class A	16,098,833	2,633,608	0.4%
1 Industrials—Other †		71,406,106	10.2%
Oil & Gas		90,235,502	12.9%
Exxon Mobil Corp.	105,966,749	8,766,629	1.2%
Chevron Corp.	47,828,625	6,046,973	0.9%
Oil & Gas—Other †	,, -	27,571,445	3.9%
		42,385,047	6.0%
1,2Other †		9,479	0.0%
		-,	
Technology			
Apple Inc.	110,720,519	20,495,475	2.9%
Microsoft Corp.	192,306,274	18,963,322	2.7%
* Facebook Inc. Class A	60,036,157	11,666,226	1.7% 1.2%
* Alphabet Inc. Class A * Alphabet Inc. Class C	7,418,191 7,480,401	8,376,547	1.2%
Intel Corp.	116,644,540	8,345,509 5,798,400	0.8%
Cisco Systems Inc.	117,715,681	5,065,306	0.7%
NVIDIA Corp.	13,672,478	3,239,010	0.5%
International Business Machines Corp.	22,969,493	3,208,838	0.5%
Oracle Corp.	71,509,384	3,150,703	0.4%
* Adobe Systems Inc.	12,325,229	3,005,014	0.4%
Texas Instruments Inc.	24,504,120	2,701,579	0.4%
Technology—Other †		44,729,043	6.4%
		138,744,972	19.8%
Talaaananuniaatiana			
Telecommunications AT&T Inc.	181,825,704	5,838,423	0.8%
Verizon Communications Inc.	103,417,594	5,202,939	0.8%
Telecommunications—Other †	100,117,004	1,628,469	0.2%
		12,669,831	1.8%
		12,003,031	1.0 /0

Net Assets

Utilities †			Market Value* (\$000) 20,138,879	Percentage of Net Assets
Total Common Stocks (Cost \$433,835,468)			698,240,170	99.6%3
Total Common Stocks (Cost \$433,633,406)			030,240,170	33.0 /6°
	Coupon	Shares		
Temporary Cash Investments				
Money Market Fund				
4,5 Vanguard Market Liquidity Fund	2.122%	48,446,758	4,845,160	0.7%
<sup>6</sup> U.S. Government and Agency Obligations †			104,678	0.0%
Total Temporary Cash Investments (Cost \$4,949,2	274)		4,949,838	0.7%3
7Total Investments (Cost \$438,784,742)	,		703,190,008	100.3%
			Amount	
			(\$000)	
Other Assets and Liabilities				
Other Assets				
Investment in Vanguard			37,171	
Receivables for Investment Securities Sold Receivables for Accrued Income			1,464	
Receivables for Accrued Income Receivables for Capital Shares Issued			619,275 1,227,123	
Variation Margin Receivable—Futures Contracts			1,854	
Unrealized Appreciation—Swap Contracts			364	
Other Assets <sup>6,8</sup>			44,202	
Total Other Assets			1,931,453	0.3%
Liabilities				
Payables for Investment Securities Purchased			(634,795)	
Collateral for Securities on Loan			(2,805,251)	
Payables for Capital Shares Redeemed			(320,273)	
Payables to Vanguard			(174,029)	
Variation Margin Payable—Futures Contracts			(306)	
Unrealized Depreciation—Swap Contracts Other Liabilities			(2,240)	
Total Liabilities			(3,936,897)	(0.6%)
Net Assets			701,184,564	100.0%
At June 30, 2018, net assets consisted of:				Amount
				(\$000)
Paid-in Capital				438,230,324
Undistributed Net Investment Income				134,636
Accumulated Net Realized Losses				(1,540,073)
Unrealized Appreciation (Depreciation)				264 405 202
Investment Securities Futures Contracts			•	264,405,266
Swap Contracts				(43,713) (1,876)
Orrap Contracto				(1,070)

701,184,564

	Amount (\$000)
Investor Shares—Net Assets	
Applicable to 1,920,148,002 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	131,182,659
Net Asset Value Per Share—Investor Shares	\$68.32
ETF Shares—Net Assets	
Applicable to 694,331,000 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	97,478,299
Net Asset Value Per Share—ETF Shares	\$140.39
Admiral Shares—Net Assets	
Applicable to 2,911,928,866 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	199,003,796
Net Asset Value Per Share—Admiral Shares	\$68.34
Institutional Shares—Net Assets	
Applicable to 1,743,315,998 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	119,160,076
Net Asset Value Per Share—Institutional Shares	\$68.35
Institutional Plus Shares—Net Assets	
Applicable to 1,083,075,015 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	138,831,517
Net Asset Value Per Share—Institutional Plus Shares	\$128.18
Institutional Select Shares—Net Assets	
Applicable to 115,451,099 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	15,528,217
Net Asset Value Per Share—Institutional Select Shares	\$134.50

- · See Note A in Notes to Financial Statements.
- \* Non-income producing security.
- † Represents the aggregate value, by category, of securities that are not among the 50 largest holdings and, in total for any issuer, represent 1% or less of net assets.
- 1 Certain of the fund's securities are valued using significant unobservable inputs.
- 2 "Other" represents securities that are not classified by the fund's benchmark index.
- 3 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 0.3%, respectively, of net assets.
- 4 Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.
- 5 Includes \$2.805.251.000 of collateral received for securities on loan.
- 6 Securities with a value of \$102,679,000 and a cash of \$2,100,000 have been segregated as initial margin for open futures contracts.
- 7 The total value of securities on loan is \$2,624,489,000.
- 8 Cash with a value of \$2,340,000 has been segregated as collateral for open over-the-counter swap contracts.

# Derivative Financial Instruments Outstanding as of Period End

Futures Contracts				
				(\$000)
	Expiration	Number of Long (Short) Contracts	Notional Amount	Value and Unrealized Appreciation (Depreciation)
Long Futures Contracts				
E-mini S&P 500 Index	September 2018	19,724	2,684,042	(39,738)
E-mini Russell 2000 Index	September 2018	1,914	157,666	(2,758)
E-mini S&P Mid-Cap 400 Index	September 2018	240	46,946	(1,217)
				(43,713)

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

# Total Return Swaps

Т	ermination		Notional Amount	Fixed/Floating Net Rate Received	Value and Unrealized Appreciation (Depreciation)
Reference Entity	Date	Counterparty	(\$000)	(Paid)1	(\$000)
Ambac Financial Group Inc.	7/11/18	GSCM	11,073	(2.485%)	(183)
Ambac Financial Group Inc.	7/11/18	GSCM	1,887	(2.734%)	(2)
Gaming and Leisure Properties Inc	c. 9/21/18	GSCM	16,810	(2.638%)	364
SLM Corp.	8/9/18	GSI	49,569	(2.446%)	(2,055)
					(1,876)

GSCM—Goldman Sachs Capital Management.

GSI-Goldman Sachs International.

Unrealized appreciation (depreciation) on open swap contracts is required to be treated as ordinary income (loss) for tax purposes.

At June 30, 2018, a counterparty had deposited in segregated accounts cash of \$490,000 in connection with open swap contracts.

<sup>1</sup> Payment received/paid monthly.

# Statement of Operations

	Six Months Ended June 30, 2018
	(\$000)
Investment Income	
Income	
Dividends	6,063,138
Interest <sup>1</sup>	19,077
Securities Lending—Net	69,942
Total Income	6,152,157
Expenses	
The Vanguard Group—Note B	
Investment Advisory Services	9,051
Management and Administrative—Investor Shares	78,779
Management and Administrative—ETF Shares	14,287
Management and Administrative—Admiral Shares	28,581
Management and Administrative—Institutional Shares	15,858
Management and Administrative—Institutional Plus Shares	10,561
Management and Administrative—Institutional Select Shares	499
Marketing and Distribution—Investor Shares	9,445
Marketing and Distribution—ETF Shares	1,774
Marketing and Distribution—Admiral Shares	5,212
Marketing and Distribution—Institutional Shares	1,328
Marketing and Distribution—Institutional Plus Shares	674
Marketing and Distribution—Institutional Select Shares	_
Custodian Fees	1,569
Shareholders' Reports—Investor Shares	346
Shareholders' Reports—ETF Shares	514
Shareholders' Reports—Admiral Shares	242
Shareholders' Reports—Institutional Shares	257
Shareholders' Reports—Institutional Plus Shares	14
Shareholders' Reports—Institutional Select Shares	_
Trustees' Fees and Expenses	228
Total Expenses	179,219
Net Investment Income	5,972,938
Realized Net Gain (Loss)	• •
Investment Securities Sold <sup>1</sup>	3,956,634
Futures Contracts	90,801
Swap Contracts	2,567
Realized Net Gain (Loss)	4,050,002
Change in Unrealized Appreciation (Depreciation)	• •
Investment Securities <sup>1</sup>	12,476,655
Futures Contracts	(42,962)
Swap Contracts	(1,553)
Change in Unrealized Appreciation (Depreciation)	12,432,140
Net Increase (Decrease) in Net Assets Resulting from Operations	22,455,080
The state of the s	22,400,000

<sup>1</sup> Interest income, realized net gain (loss), and change in unrealized appreciation (depreciation) from an affiliated company of the fund were \$18,044,000, (\$134,000), and \$337,000, respectively. Purchases and sales are for temporary cash investment purposes.

# Statement of Changes in Net Assets

	Six Months Ended June 30, 2018	Year Ended December 31, 2017
	(\$000)	(\$000)
Increase (Decrease) in Net Assets		
Operations		
Net Investment Income	5,972,938	10,874,077
Realized Net Gain (Loss)	4,050,002	4,548,286
Change in Unrealized Appreciation (Depreciation)	12,432,140	97,128,679
Net Increase (Decrease) in Net Assets Resulting from Operations	22,455,080	112,551,042
Distributions		
Net Investment Income		
Investor Shares	(1,022,373)	(2,050,561)
ETF Shares	(803,047)	(1,517,300)
Admiral Shares	(1,640,994)	(3,194,026)
Institutional Shares	(995,371)	(1,832,069)
Institutional Plus Shares	(1,153,635)	(2,069,350)
Institutional Select Shares	(126,489)	(220,025)
Realized Capital Gain		
Investor Shares	_	_
ETF Shares	_	_
Admiral Shares	_	_
Institutional Shares	_	_
Institutional Plus Shares	_	_
Institutional Select Shares	_	_
Total Distributions	(5,741,909)	(10,883,331)
Capital Share Transactions		
Investor Shares	1,156,878	2,531,635
ETF Shares	3,346,455	7,977,735
Admiral Shares	4,305,710	8,806,511
Institutional Shares	2,807,804	17,246,738
Institutional Plus Shares	9,311,755	22,241,001
Institutional Select Shares	965,620	3,653,908
Net Increase (Decrease) from Capital Share Transactions	21,894,222	62,457,528
Total Increase (Decrease)	38,607,393	164,125,239
Net Assets		
Beginning of Period	662,577,171	498,451,932
End of Period <sup>1</sup>	701,184,564	662,577,171

<sup>1</sup> Net Assets—End of Period includes undistributed (overdistributed) net investment income of \$134,636,000 and (\$98,960,000).

# Investor Shares

S	ix Months Ended					
For a Share Outstanding	June 30,			Year I	Ended Dec	ember 31,
Throughout Each Period	2018	2017	2016	2015	2014	2013
Net Asset Value, Beginning of Period	\$66.70	\$56.06	\$50.78	\$51.58	\$46.67	\$35.64
Investment Operations						
Net Investment Income	.559	1.086	1 1.022	.954	.854	.757
Net Realized and Unrealized Gain (Loss) on Investments	1.595	10.630	5.282	(.807)	4.907	11.038
Total from Investment Operations	2.154	11.716	6.304	.147	5.761	11.795
Distributions						
Dividends from Net Investment Income	(.534)	(1.076	) (1.024)	(.947)	(.851	(.765)
Distributions from Realized Capital Gains	_	_	_	_	_	_
Total Distributions	(.534)	(1.076	) (1.024)	(.947)	(.851	(.765)
Net Asset Value, End of Period	\$68.32	\$66.70	\$56.06	\$50.78	\$51.58	\$46.67
Total Return <sup>2</sup>	3.23%	21.05%	12.53%	0.29%	12.43%	33.35%
Ratios/Supplemental Data						
Net Assets, End of Period (Millions)	\$131,183	\$126,766	\$103,932	\$96,323	\$117,966	\$105,008
Ratio of Total Expenses to Average Net Assets	0.14%	0.14%	0.15%	0.16%	0.17%	0.17%
Ratio of Net Investment Income to Average Net Assets	1.68%	1.77%	1.98%	1.85%	1.77%	1.84%
Portfolio Turnover Rate <sup>3</sup>	3%	3%	4%	3%	3%	4%

<sup>1</sup> Calculated based on average shares outstanding.

<sup>2</sup> Total returns do not include account service fees that may have applied in the periods shown. Fund prospectuses provide information about any applicable account service fees.

<sup>3</sup> Excludes the value of portfolio securities received or delivered as a result of in-kind purchases or redemptions of the fund's capital shares, including ETF Creation Units.

### **ETF Shares**

Si	x Months Ended					
For a Share Outstanding	June 30,				Ended Dece	
Throughout Each Period	2018	2017	2016	2015	2014	2013
Net Asset Value, Beginning of Period	\$137.06	\$115.21	\$104.34	\$106.00	\$95.91	\$73.24
Investment Operations						
Net Investment Income	1.219 <sup>1</sup>	2.3611	2.214	2.082	1.874	1.657
Net Realized and Unrealized Gain (Loss) on Investments	3.281	21.832	10.871	(1.675)	10.085	22.686
Total from Investment Operations	4.500	24.193	13.085	.407	11.959	24.343
Distributions						
Dividends from Net Investment Income	(1.170)	(2.343)	(2.215)	(2.067)	(1.869)	(1.673)
Distributions from Realized Capital Gains	_	_	_	_	_	_
Total Distributions	(1.170)	(2.343)	(2.215)	(2.067)	(1.869)	(1.673)
Net Asset Value, End of Period	\$140.39	\$137.06	\$115.21	\$104.34	\$106.00	\$95.91
Total Return	3.29%	21.16%	12.68%	0.40%	12.56%	33.51%
Ratios/Supplemental Data						
Net Assets, End of Period (Millions)	\$97,478	\$91,862	\$69,889	\$57,434	\$50,886	\$39,165
Ratio of Total Expenses to						
Average Net Assets	0.04%	0.04%	0.04%	0.05%	0.05%	0.05%
Ratio of Net Investment Income to Average Net Assets	1.78%	1.87%	2.09%	1.96%	1.89%	1.96%
Portfolio Turnover Rate <sup>2</sup>	3%	3%	4%	3%	3%	4%

<sup>1</sup> Calculated based on average shares outstanding.

<sup>2</sup> Excludes the value of portfolio securities received or delivered as a result of in-kind purchases or redemptions of the fund's capital shares, including ETF Creation Units.

### Admiral Shares

S	Six Months					
For a Share Outstanding	Ended June 30,			Year I	Ended Dece	mber 31,
Throughout Each Period	2018	2017	2016	2015	2014	2013
Net Asset Value, Beginning of Period	\$66.72	\$56.08	\$50.79	\$51.60	\$46.69	\$35.65
Investment Operations						
Net Investment Income	.593	1.148	1.077	1.013	.912	.807
Net Realized and Unrealized Gain (Loss) on Investments	1.596	10.633	5.291	(.818)	4.908	11.047
Total from Investment Operations	2.189	11.781	6.368	.195	5.820	11.854
Distributions						
Dividends from Net Investment Income	(.569	) (1.141)	(1.078	) (1.005)	(.910)	(.814)
Distributions from Realized Capital Gains	; —	_	_	_	_	_
Total Distributions	(.569	) (1.141)	(1.078	) (1.005)	(.910)	(.814)
Net Asset Value, End of Period	\$68.34	\$66.72	\$56.08	\$50.79	\$51.60	\$46.69
Total Return <sup>2</sup>	3.28%	21.17%	12.66%	0.39%	12.56%	33.52%
Ratios/Supplemental Data						
Net Assets, End of Period (Millions)	\$199,004	\$190,099	\$151,612	\$126,363	\$117,476	\$86,541
Ratio of Total Expenses to Average Net Assets	0.04%	0.04%	0.04%	0.05%	0.05%	0.05%
Ratio of Net Investment Income to Average Net Assets	1.78%	1.87%	2.09%	1.96%	1.89%	1.96%
Portfolio Turnover Rate <sup>3</sup>	3%	3%	4%	3%	3%	4%

<sup>1</sup> Calculated based on average shares outstanding.

<sup>2</sup> Total returns do not include account service fees that may have applied in the periods shown. Fund prospectuses provide information about any applicable account service fees.

<sup>3</sup> Excludes the value of portfolio securities received or delivered as a result of in-kind purchases or redemptions of the fund's capital shares, including ETF Creation Units.

# Institutional Shares

S For a Share Outstanding	ix Months Ended June 30.			Year E	Ended Dece	mber 31,
Throughout Each Period	2018	2017	2016	2015	2014	2013
Net Asset Value, Beginning of Period	\$66.73	\$56.09	\$50.80	\$51.60	\$46.69	\$35.66
Investment Operations						_
Net Investment Income	.595	<sup>1</sup> 1.153 <sup>1</sup>	1.082	1.017	.915	.808
Net Realized and Unrealized Gain (Loss) on Investments	1.596	10.630	5.291	(.808)	4.908	11.038
Total from Investment Operations	2.191	11.783	6.373	.209	5.823	11.846
Distributions						
Dividends from Net Investment Income	(.571)	(1.143)	(1.083)	(1.009)	(.913)	(.816)
Distributions from Realized Capital Gains	_	_	_	_	_	_
Total Distributions	(.571)	(1.143)	(1.083)	(1.009)	(.913)	(.816)
Net Asset Value, End of Period	\$68.35	\$66.73	\$56.09	\$50.80	\$51.60	\$46.69
Total Return	3.28%	21.17%	12.67%	0.42%	12.56%	33.49%
Ratios/Supplemental Data						
Net Assets, End of Period (Millions)	\$119,160	\$113,557	\$79,443	\$57,438	\$96,674	\$65,738
Ratio of Total Expenses to Average Net Assets	0.033%	0.035%	0.03%	0.04%	0.04%	0.04%
Ratio of Net Investment Income to Average Net Assets	1.79%	1.87%	2.10%	1.97%	1.90%	1.97%
Portfolio Turnover Rate <sup>2</sup>	3%	3%	4%	3%	3%	4%

<sup>1</sup> Calculated based on average shares outstanding.

<sup>2</sup> Excludes the value of portfolio securities received or delivered as a result of in-kind purchases or redemptions of the fund's capital shares, including ETF Creation Units.

# Institutional Plus Shares

	Six Months Ended June 30,		ear Ended ember 31,	April 28, 2015 <sup>1</sup> to Dec. 31,
For a Share Outstanding Throughout Each Period	2018	2017	2016	2015
Net Asset Value, Beginning of Period	\$125.14	\$105.18	\$95.26	\$100.00
Investment Operations				
Net Investment Income	1.125 <sup>2</sup>	2.1822	2.042	1.335
Net Realized and Unrealized Gain (Loss) on Investments	2.994	19.938	9.924	(4.631)
Total from Investment Operations	4.119	22.120	11.966	(3.296)
Distributions				_
Dividends from Net Investment Income	(1.079)	(2.160)	(2.046)	(1.444)
Distributions from Realized Capital Gains	_	_	_	_
Total Distributions	(1.079)	(2.160)	(2.046)	(1.444)
Net Asset Value, End of Period	\$128.18	\$125.14	\$105.18	\$95.26
Total Return	3.29%	21.19%	12.69%	-3.28%
Ratios/Supplemental Data				
Net Assets, End of Period (Millions)	\$138,832	\$126,130	\$85,031	\$63,093
Ratio of Total Expenses to Average Net Assets	0.02%	0.02%	0.02%	0.02%3
Ratio of Net Investment Income to Average Net Assets	1.80%	1.89%	2.11%	1.99%3
Portfolio Turnover Rate <sup>4</sup>	3%	3%	4%	3%5

<sup>1</sup> Inception.

<sup>2</sup> Calculated base on average shares outstanding.

<sup>3</sup> Annualized

<sup>4</sup> Excludes the value of portfolio securities received or delivered as a result of in-kind purchases or redemptions of the fund's capital shares, including ETF Creation Units.

<sup>5</sup> Reflects the fund's portfolio turnover for the fiscal year ended December 31, 2015.

# Institutional Select Shares

montational coloct onal co	Six Months	Year	June 27,
	Six ivionitis Ended	Ended	2016 <sup>1</sup> to
	June 30.	Dec. 31.	Dec. 31,
For a Share Outstanding Throughout Each Period	2018	2017	2016
Net Asset Value, Beginning of Period	\$131.31	\$110.37	\$97.70
Investment Operations			
Net Investment Income	1.1852	2.3112	1.181
Net Realized and Unrealized Gain (Loss) on Investments	3.144	20.908	12.718
Total from Investment Operations	4.329	23.219	13.899
Distributions			
Dividends from Net Investment Income	(1.139)	(2.279)	(1.229)
Distributions from Realized Capital Gains	_	_	_
Total Distributions	(1.139)	(2.279)	(1.229)
Net Asset Value, End of Period	\$134.50	\$131.31	\$110.37
Total Return	3.30%	21.20%	14.24%
Ratios/Supplemental Data			
Net Assets, End of Period (Millions)	\$15,528	\$14,163	\$8,545
Ratio of Total Expenses to Average Net Assets	0.01%	0.01%	0.01%3
Ratio of Net Investment Income to Average Net Assets	1.81%	1.90%	2.15%3
Portfolio Turnover Rate <sup>4</sup>	3%	3%	4%5

<sup>1</sup> Inception.

<sup>2</sup> Calculated based on average shares outstanding.

<sup>3</sup> Annualized.

<sup>4</sup> Excludes the value of portfolio securities received or delivered as a result of in-kind purchases or redemptions of the fund's capital shares, including ETF Creation Units.

<sup>5</sup> Reflects the fund's portfolio turnover for the fiscal year ended December 31, 2016.

# Notes to Financial Statements

Vanguard Total Stock Market Index Fund is registered under the Investment Company Act of 1940 as an open-end investment company, or mutual fund. The fund offers six classes of shares: Investor Shares, ETF Shares, Admiral Shares, Institutional Shares, Institutional Plus Shares, and Institutional Select Shares. Investor Shares are available to any investor who meets the fund's minimum purchase requirements. ETF Shares are listed for trading on NYSE Arca; they can be purchased and sold through a broker. Admiral Shares, Institutional Shares, Institutional Plus Shares, and Institutional Select Shares are designed for investors who meet certain administrative, service, and account-size criteria.

- A. The following significant accounting policies conform to generally accepted accounting principles for U.S. investment companies. The fund consistently follows such policies in preparing its financial statements.
- 1. 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 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.
- 2. Futures Contracts: The fund uses index futures contracts to a limited extent, with the objectives of maintaining full exposure to the stock market, 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 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 notional amounts of the contracts are not recorded in the Statement of Net Assets. Fluctuations in the value of the contracts are recorded in the Statement of Net Assets as an asset (liability) and in the Statement of Operations as unrealized appreciation (depreciation) until the contracts are closed, when they are recorded as realized futures gains (losses).

During the six months ended June 30, 2018, the fund's average investments in long and short futures contracts represented less than 1% and 0% of net assets, respectively, based on the average of the notional amounts at each quarter-end during the period.

3. 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 Statement of Net Assets. Swaps are valued daily based on market quotations received from independent pricing services or recognized dealers and the change in value is recorded in the Statement of Net Assets as an asset (liability) and in the Statement of Operations 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 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 Statement of Net Assets. 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.

During the six months ended June 30, 2018, the fund's average amounts of investments in total return swaps represented less than 1% of net assets, based on the average of notional amounts at each quarter-end during the period.

- 4. Federal Income Taxes: The fund intends to continue to qualify as a regulated investment company and distribute all of its taxable income. Management has analyzed the fund's tax positions taken for all open federal income tax years (December 31, 2014–2017), and for the period ended June 30, 2018, and has concluded that no provision for federal income tax is required in the fund's financial statements.
- 5. Distributions: Distributions to shareholders are recorded on the ex-dividend date.
- 6. Securities Lending: To earn additional income, the fund lends its securities to qualified institutional borrowers. Security loans are subject to termination by the fund at any time, and are required to be secured at all times by collateral in an amount at least equal to the market value of securities loaned. Daily market fluctuations could cause the value of loaned securities to be more or less than

the value of the collateral received. When this occurs, the collateral is adjusted and settled before the opening of the market on the next business day. The fund further mitigates its counterparty risk by entering into securities lending transactions only with a diverse group of prequalified counterparties, monitoring their financial strength, and entering into master securities lending agreements with its counterparties. The master securities lending agreements provide that, in the event of a counterparty's default (including bankruptcy), the fund may terminate any loans with that borrower, determine the net amount owed, and sell or retain the collateral up to the net amount owed to the fund; however, such actions may be subject to legal proceedings. While collateral mitigates counterparty risk, in the event of a default, the fund may experience delays and costs in recovering the securities loaned. The fund invests cash collateral received in Vanguard Market Liquidity Fund, and records a liability in the Statement of Net Assets for the return of the collateral, during the period the securities are on loan. Securities lending income represents fees charged to borrowers plus income earned on invested cash collateral, less expenses associated with the loan. During the term of the loan, the fund is entitled to all distributions made on or in respect of the loaned securities.

7. Credit Facility: The fund and certain other funds managed by The Vanguard Group ("Vanguard") participate in a \$3.1 billion committed credit facility provided by a syndicate of lenders pursuant to a credit agreement that may be renewed annually; each fund is individually liable for its borrowings, if any, under the credit facility. Borrowings may be utilized for temporary and emergency purposes, and are subject to the fund's regulatory and contractual borrowing restrictions. The participating funds are charged administrative fees and an annual commitment fee of 0.10% of the undrawn amount of the facility; these fees are allocated to the funds based on a method approved by the fund's board of trustees and included in Management and Administrative expenses on the fund's Statement of Operations. Any borrowings under this facility bear interest at a rate based upon the higher of the one-month London Interbank Offered Rate, federal funds effective rate, or overnight bank funding rate plus an agreed-upon spread.

The fund had no borrowings outstanding at June 30, 2018, or at any time during the period then ended

8. Other: Dividend income is recorded on the ex-dividend date. Interest income includes income distributions received from Vanguard Market Liquidity Fund and is accrued daily. Premiums and discounts on debt securities purchased are amortized and accreted, respectively, to interest income over the lives of the respective securities. Security transactions are accounted for on the date securities are bought or sold. Costs used to determine realized gains (losses) on the sale of investment securities are those of the specific securities sold.

Each class of shares has equal rights as to assets and earnings, except that each class separately bears certain class-specific expenses related to maintenance of shareholder accounts (included in Management and Administrative expenses), shareholder reporting, and the proxy. Marketing and distribution expenses are allocated to each class of shares based on a method approved by the board of trustees. Income, other non-class-specific expenses, and gains and losses on investments are allocated to each class of shares based on its relative net assets.

B. In accordance with the terms of a Funds' Service Agreement (the "FSA") between Vanguard and the fund, Vanguard furnishes to the fund investment advisory, corporate management, administrative, marketing, and distribution services at Vanguard's cost of operations (as defined by the FSA). These costs of operations are allocated to the fund based on methods and guidelines approved by the board of trustees. Vanguard does not require reimbursement in the current period

for certain costs of operations (such as deferred compensation/benefits and risk/insurance costs); the fund's liability for these costs of operations is included in Payables to Vanguard on the Statement of Net Assets. All other costs of operations payable to Vanguard are generally settled twice a month

Upon the request of Vanguard, the fund may invest up to 0.40% of its net assets as capital in Vanguard. At June 30, 2018, the fund had contributed to Vanguard capital in the amount of \$37,171,000, representing 0.01% of the fund's net assets and 14.87% of Vanguard's capitalization. The fund's trustees and officers are also directors and employees, respectively, of Vanguard.

C. 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). Any investments valued with significant unobservable inputs are noted on the Statement of Net Assets.

The following table summarizes the market value of the fund's investments as of June 30, 2018, based on the inputs used to value them:

Investments	Level 1 (\$000)	Level 2 (\$000)	Level 3 (\$000)
Common Stocks	698,229,838	82	10,250
Temporary Cash Investments	4,845,160	104,678	_
Futures Contracts—Assets <sup>1</sup>	1,854	_	_
Futures Contracts—Liabilities <sup>1</sup>	(306)	_	_
Swap Contracts—Assets	_	364	_
Swap Contracts—Liabilities	_	(2,240)	_
Total	703,076,546	102,884	10,250

<sup>1</sup> Represents variation margin on the last day of the reporting period.

D. Distributions are determined on a tax basis and may differ from net investment income and realized capital gains for financial reporting purposes. Differences may be permanent or temporary. Permanent differences are reclassified among capital accounts in the financial statements to reflect their tax character. Temporary differences arise when certain items of income, expense, gain, or loss are recognized in different periods for financial statement and tax purposes. These differences will reverse at some time in the future. Differences in classification may also result from the treatment of short-term gains as ordinary income for tax purposes.

During the six months ended June 30, 2018, the fund realized \$3,924,114,000 of net capital gains resulting from in-kind redemptions—in which shareholders exchanged fund shares for securities held by the fund rather than for cash. Because such gains are not taxable to the fund, and are not distributed to shareholders, they have been reclassified from accumulated net realized losses to paid-in capital.

The fund's tax-basis capital gains and losses are determined only at the end of each fiscal year. For tax purposes, at December 31, 2017, the fund had available capital losses totaling \$1,660,426,000 that may be carried forward indefinitely to offset future net capital gains. The fund will use these capital losses to offset net taxable capital gains, if any, realized during the year ending December 31, 2018; should the fund realize net capital losses for the year, the losses will be added to the loss carryforward balance above.

At June 30, 2018, the cost of investment securities for tax purposes was \$438,796,895,000. Net unrealized appreciation of investment securities for tax purposes was \$264,393,113,000, consisting of unrealized gains of \$277,057,623,000 on securities that had risen in value since their purchase and \$12,664,510,000 in unrealized losses on securities that had fallen in value since their purchase.

- E. During the six months ended June 30, 2018, the fund purchased \$39,303,477,000 of investment securities and sold \$18,680,591,000 of investment securities, other than temporary cash investments. Purchases and sales include \$7,585,087,000 and \$7,204,623,000, respectively, in connection with in-kind purchases and redemptions of the fund's capital shares.
- F. Capital share transactions for each class of shares were:

	Six Months Ended June 30, 2018		Year Ended December 31, 2017	
	Amount (\$000)	Shares (000)	Amount (\$000)	Shares (000)
Investor Shares				
Issued	7,654,863	113,982	12,556,777	208,299
Issued in Lieu of Cash Distributions	1,016,353	14,830	2,038,790	32,768
Redeemed	(7,514,338)	(109,212)	(12,063,932)	(194,415)
Net Increase (Decrease)—Investor Shares	1,156,878	19,600	2,531,635	46,652
ETF Shares				
Issued	8,319,053	59,520	16,459,854	130,270
Issued in Lieu of Cash Distributions	_	_	_	_
Redeemed	(4,972,598)	(35,400)	(8,482,119)	(66,700)
Net Increase (Decrease)—ETF Shares	3,346,455	24,120	7,977,735	63,570
Admiral Shares				
Issued	14,903,238	218,864	27,046,065	443,009
Issued in Lieu of Cash Distributions	1,392,681	20,314	2,736,033	43,962
Redeemed	(11,990,209)	(176,415)	(20,975,587)	(341,277)
Net Increase (Decrease)—Admiral Shares	4,305,710	62,763	8,806,511	145,694
Institutional Shares				
Issued	13,342,655	198,196	26,728,536	439,870
Issued in Lieu of Cash Distributions	928,748	13,544	1,703,342	27,314
Redeemed	(11,463,599)	(170,099)	(11,185,140)	(181,865)
Net Increase (Decrease)—Institutional Shares	2,807,804	41,641	17,246,738	285,319

	Six Months Ended June 30, 2018		Year Ended December 31, 2017	
	Amount (\$000)	Shares (000)	Amount (\$000)	Shares (000)
Institutional Plus Shares				
Issued	16,266,161	129,069	27,613,297	245,814
Issued in Lieu of Cash Distributions	1,140,085	8,864	2,052,478	17,549
Redeemed	(8,094,491)	(62,734)	(7,424,774)	(63,880)
Net Increase (Decrease)—Institutional Plus Shares	9,311,755	75,199	22,241,001	199,483
Institutional Select Shares				
Issued	1,497,263	11,579	4,173,338	34,645
Issued in Lieu of Cash Distributions	126,489	937	220,024	1,788
Redeemed	(658,132)	(4,919)	(739,454)	(6,005)
Net Increase (Decrease)—Institutional Select Shares	965,620	7,597	3,653,908	30,428

**G.** Management has determined that no events or transactions occurred subsequent to June 30, 2018, that would require recognition or disclosure in these financial statements.

# About Your Fund's Expenses

As a shareholder of the fund, you incur ongoing costs, which include costs for portfolio management, administrative services, and shareholder reports (like this one), among others. Operating expenses, which are deducted from a fund's gross income, directly reduce the investment return of the fund.

A fund's expenses are expressed as a percentage of its average net assets. This figure is known as the expense ratio. The following examples are intended to help you understand the ongoing costs (in dollars) of investing in your fund and to compare these costs with those of other mutual funds. The examples are based on an investment of \$1,000 made at the beginning of the period shown and held for the entire period.

The accompanying table illustrates your fund's costs in two ways:

• Based on actual fund return. This section helps you to estimate the actual expenses that you paid over the period. The "Ending Account Value" shown is derived from the fund's actual return, and the third column shows the dollar amount that would have been paid by an investor who started with \$1,000 in the fund. You may use the information here, together with the amount you invested, to estimate the expenses that you paid over the period.

To do so, simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number given for your fund under the heading "Expenses Paid During Period."

• Based on hypothetical 5% yearly return. This section is intended to help you compare your fund's costs with those of other mutual funds. It assumes that the fund had a yearly return of 5% before expenses, but that the expense ratio is unchanged. In this case—because the return used is not the fund's actual return—the results do not apply to your investment. The example is useful in making comparisons because the Securities and Exchange Commission requires all mutual funds to calculate expenses based on a 5% return. You can assess your fund's costs by comparing this hypothetical example with the hypothetical examples that appear in shareholder reports of other funds.

Note that the expenses shown in the table are meant to highlight and help you compare *ongoing* costs only and do not reflect transaction costs incurred by the fund for buying and selling securities. Further, the expenses do not include any purchase, redemption, or account service fees described in the fund prospectus. If such fees were applied to your account, your costs would be higher. Your fund does not carry a "sales load."

The calculations assume no shares were bought or sold during the period. Your actual costs may have been higher or lower, depending on the amount of your investment and the timing of any purchases or redemptions.

You can find more information about the fund's expenses, including annual expense ratios, in the Financial Statements section of this report. For additional information on operating expenses and other shareholder costs, please refer to your fund's current prospectus.

# Six Months Ended June 30, 2018

Total Stock Market Index Fund	Beginning Account Value 12/31/2017	Ending Account Value 6/30/2018	Expenses Paid During Period
Based on Actual Fund Return			
Investor Shares	\$1,000.00	\$1,032.29	\$0.71
ETF Shares	1,000.00	1,032.92	0.20
Admiral Shares	1,000.00	1,032.80	0.20
Institutional Shares	1,000.00	1,032.82	0.15
Institutional Plus Shares	1,000.00	1,032.91	0.10
Institutional Select Shares	1,000.00	1,032.96	0.05
Based on Hypothetical 5% Yearly Return			
Investor Shares	\$1,000.00	\$1,024.10	\$0.70
ETF Shares	1,000.00	1,024.60	0.20
Admiral Shares	1,000.00	1,024.60	0.20
Institutional Shares	1,000.00	1,024.65	0.15
Institutional Plus Shares	1,000.00	1,024.70	0.10
Institutional Select Shares	1,000.00	1,024.74	0.05

The calculations are based on expenses incurred in the most recent six-month period. The fund's annualized six-month expense ratios for that period are 0.14% for Investor Shares, 0.04% for ETF Shares, 0.04% for Admiral Shares, 0.033% for Institutional Shares, 0.02% for Institutional Plus Shares, and 0.01% for Institutional Select Shares. The dollar amounts shown as "Expenses Paid" are equal to the annualized expense ratio multiplied by the average account value over the period, multiplied by the number of days in the most recent six-month period, then divided by the number of days in the most recent 12-month period (181/365).

# Trustees Approve Advisory Arrangement

The board of trustees of Vanguard Total Stock Market Index Fund has renewed the fund's investment advisory arrangement with The Vanguard Group, Inc. (Vanguard), through its Equity Index Group. The board determined that continuing the fund's internalized management structure was in the best interests of the fund and its shareholders.

The board based its decision upon an evaluation of the advisor's investment staff, portfolio management process, and performance. This evaluation included information provided to the board by Vanguard's Portfolio Review Department, which is responsible for fund and advisor oversight and product management. The Portfolio Review Department met regularly with the advisor and made monthly presentations to the board during the fiscal year that directed the board's focus to relevant information and topics.

The board, or an investment committee made up of board members, also received information throughout the year during advisor presentations. For each advisor presentation, the board was provided with letters and reports that included information about, among other things, the advisory firm and the advisor's assessment of the investment environment, portfolio performance, and portfolio characteristics.

In addition, the board received monthly reports, which included a Market and Economic Report, a Fund Dashboard Monthly Summary, and a Fund Performance Report.

Prior to their meeting, the trustees were provided with a memo and materials that summarized the information they received over the course of the year. They also considered the factors discussed below, among others. However, no single factor determined whether the board approved the arrangement. Rather, it was the totality of the circumstances that drove the board's decision.

### Nature, extent, and quality of services

The board reviewed the quality of the fund's investment management services over both the short and long term and took into account the organizational depth and stability of the advisor. The board considered that Vanguard has been managing investments for more than four decades. The Equity Index Group adheres to a sound, disciplined investment management process; the team has considerable experience, stability, and depth.

The board concluded that Vanguard's experience, stability, depth, and performance, among other factors, warranted continuation of the advisory arrangement.

# Investment performance

The board considered the short- and long-term performance of the fund, including any periods of outperformance or underperformance compared with its target index and peer group. The board concluded that the performance was such that the advisory arrangement should continue. Information about the fund's most recent performance can be found in the Performance Summary section of this report.

### Cost

The board concluded that the fund's expense ratio was well below the average expense ratio charged by funds in its peer group and that the fund's advisory expenses were also well below the peer-group average. Information about the fund's expenses appears in the About Your Fund's Expenses section of this report as well as in the Financial Statements section.

The board does not conduct a profitability analysis of Vanguard because of Vanguard's unique "at-cost" structure. Unlike most other mutual fund management companies, Vanguard is owned by the funds it oversees and produces "profits" only in the form of reduced expenses for fund shareholders.

### The benefit of economies of scale

The board concluded that the fund's at-cost arrangement with Vanguard ensures that the fund will realize economies of scale as it grows, with the cost to shareholders declining as fund assets increase.

The board will consider whether to renew the advisory arrangement again after a one-year period.

# Glossary

**30-Day SEC Yield.** A fund's 30-day SEC yield is derived using a formula specified by the U.S. Securities and Exchange Commission. Under the formula, data related to the fund's security holdings in the previous 30 days are used to calculate the fund's hypothetical net income for that period, which is then annualized and divided by the fund's estimated average net assets over the calculation period. For the purposes of this calculation, a security's income is based on its current market yield to maturity (for bonds), its actual income (for asset-backed securities), or its projected dividend yield (for stocks). Because the SEC yield represents hypothetical annualized income, it will differ—at times significantly—from the fund's actual experience. As a result, the fund's income distributions may be higher or lower than implied by the SEC yield.

Beta. A measure of the magnitude of a fund's past share-price fluctuations in relation to the ups and downs of a given market index. The index is assigned a beta of 1.00. Compared with a given index, a fund with a beta of 1.20 typically would have seen its share price rise or fall by 12% when the index rose or fell by 10%. For this report, beta is based on returns over the past 36 months for both the fund and the index. Note that a fund's beta should be reviewed in conjunction with its R-squared (see definition). The lower the R-squared, the less correlation there is between the fund and the index, and the less reliable beta is as an indicator of volatility.

**Dividend Yield.** Dividend income earned by stocks, expressed as a percentage of the aggregate market value (or of net asset value, for a fund). The yield is determined by dividing the amount of the annual dividends by the aggregate value (or net asset value) at the end of the period. For a fund, the dividend yield is based solely on stock holdings and does not include any income produced by other investments.

**Earnings Growth Rate.** The average annual rate of growth in earnings over the past five years for the stocks now in a fund.

**Equity Exposure.** A measure that reflects a fund's investments in stocks and stock futures. Any holdings in short-term reserves are excluded.

**Expense Ratio.** A fund's total annual operating expenses expressed as a percentage of the fund's average net assets. The expense ratio includes management and administrative expenses, but does not include the transaction costs of buying and selling portfolio securities.

**Foreign Holdings.** The percentage of a fund represented by securities or depositary receipts of companies based outside the United States.

**Inception Date.** The date on which the assets of a fund (or one of its share classes) are first invested in accordance with the fund's investment objective. For funds with a subscription period, the inception date is the day after that period ends. Investment performance is measured from the inception date.

Median Market Cap. An indicator of the size of companies in which a fund invests; the midpoint of market capitalization (market price x shares outstanding) of a fund's stocks, weighted by the proportion of the fund's assets invested in each stock. Stocks representing half of the fund's assets have market capitalizations above the median, and the rest are below it.

**Price/Book Ratio.** The share price of a stock divided by its net worth, or book value, per share. For a fund, the weighted average price/book ratio of the stocks it holds.

**Price/Earnings Ratio.** The ratio of a stock's current price to its per-share earnings over the past year. For a fund, the weighted average P/E of the stocks it holds. P/E is an indicator of market expectations about corporate prospects; the higher the P/E, the greater the expectations for a company's future growth.

**R-Squared.** A measure of how much of a fund's past returns can be explained by the returns from the market in general, as measured by a given index. If a fund's total returns were precisely synchronized with an index's returns, its R-squared would be 1.00. If the fund's returns bore no relationship to the index's returns, its R-squared would be 0. For this report, R-squared is based on returns over the past 36 months for both the fund and the index.

**Return on Equity.** The annual average rate of return generated by a company during the past five years for each dollar of shareholder's equity (net income divided by shareholder's equity). For a fund, the weighted average return on equity for the companies whose stocks it holds.

Short-Term Reserves. The percentage of a fund invested in highly liquid, short-term securities that can be readily converted to cash.

**Turnover Rate.** An indication of the fund's trading activity. Funds with high turnover rates incur higher transaction costs and may be more likely to distribute capital gains (which may be taxable to investors). The turnover rate excludes in-kind transactions, which have minimal impact on costs.

### Benchmark Information

Spliced Total Stock Market Index: Dow Jones U.S. Total Stock Market Index (formerly known as the Dow Jones Wilshire 5000 Index) through April 22, 2005; MSCI US Broad Market Index through June 2, 2013; and CRSP US Total Market Index thereafter.

# The People Who Govern Your Fund

The trustees of your mutual fund are there to see that the fund is operated and managed in your best interests since, as a shareholder, you are a part owner of the fund. Your fund's trustees also serve on the board of directors of The Vanguard Group, Inc., which is owned by the Vanguard funds and provides services to them on an at-cost basis.

A majority of Vanguard's board members are independent, meaning that they have no affiliation with Vanguard or the funds they oversee, apart from the sizable personal investments they have made as private individuals. The independent board members have distinguished backgrounds in business, academia, and public service. Each of the trustees and executive officers oversees 208 Vanguard funds.

Information for each trustee and executive officer of the fund appears below. The mailing address of the trustees and officers is P.O. Box 876, Valley Forge, PA 19482. More information about the trustees is in the *Statement of Additional Information*, which can be obtained, without charge, by contacting Vanguard at 800-662-7447, or online at vanguard.com.

#### Interested Trustees1

#### F. William McNabb III

Born in 1957. Trustee since July 2009. Principal occupation(s) during the past five years and other experience: chairman of the board (January 2010–present) of Vanguard and of each of the investment companies served by Vanguard, trustee (2009–present) of each of the investment companies served by Vanguard, and director (2008–present) of Vanguard, and director (2008–present) of Vanguard. Chief executive officer and president (2008–2017) of Vanguard and each of the investment companies served by Vanguard, managing director (1995–2008) of Vanguard, and director (1997–2018) of Vanguard Marketing Corporation. Director (2018–present) of UnitedHealth Group.

### Mortimer J. Buckley

Born in 1969. Trustee since January 2018. Principal occupation(s) during the past five years and other experience: chief executive officer (January 2018–present) of Vanguard; chief executive officer, president, and trustee (January 2018–present) of each of the investment companies served by Vanguard; president and director (2017–present) of Vanguard; and president (February 2018–present) of Vanguard Marketing Corporation. Chief investment officer (2013–2017), managing director (2002–2017), head of the Retail Investor Group (2006–2012), and chief information officer (2001–2006) of Vanguard. Chairman of the board (2011–2017) of the Children's Hospital of Philadelphia.

### Independent Trustees

#### Emerson U. Fullwood

Born in 1948. Trustee since January 2008. Principal occupation(s) during the past five years and other experience: executive chief staff and marketing officer for North America and corporate vice president (retired 2008) of Xerox Corporation (document management products and services). Former president of the Worldwide Channels Group, Latin America, and Worldwide Customer Service and executive chief staff officer of Developing Markets of Xerox, Executive in residence and 2009-2010 Distinguished Minett Professor at the Rochester Institute of Technology. Lead director of SPX FLOW, Inc. (multi-industry manufacturing). Director of the University of Rochester Medical Center, the Monroe Community College Foundation, the United Way of Rochester, North Carolina A&T University, and Roberts Wesleyan College. Trustee of the University of Rochester.

# Amy Gutmann

Born in 1949. Trustee since June 2006. Principal occupation(s) during the past five years and other experience: president (2004–present) of the University of Pennsylvania. Christopher H. Browne Distinguished Professor of Political Science, School of Arts and Sciences, and professor of communication, Annenberg School for Communication, with secondary faculty appointments in the Department of Philosophy, School of Arts and Sciences, and at the Graduate School of Education, University of Pennsylvania. Trustee of the National Constitution Center

<sup>1</sup> Mr. McNabb and Mr. Buckley are considered "interested persons," as defined in the Investment Company Act of 1940, because they are officers of the Vanguard funds.

#### JoAnn Heffernan Heisen

Born in 1950. Trustee since July 1998. Principal occupation(s) during the past five years and other experience: corporate vice president of Johnson & Johnson (pharmaceuticals/medical devices/consumer products) and member of its executive committee (1997–2008). Chief global diversity officer (retired 2008), vice president and chief information officer (1997–2006), controller (1995–1997), treasurer (1991–1995), and assistant treasurer (1989–1991) of Johnson & Johnson. Director of Skytop Lodge Corporation (hotels) and the Robert Wood Johnson Foundation. Member of the advisory board of the Institute for Women's Leadership at Rutgers University.

#### F. Joseph Loughrey

Born in 1949. Trustee since October 2009. Principal occupation(s) during the past five years and other experience: president and chief operating officer (retired 2009) and vice chairman of the board (2008–2009) of Cummins Inc. (industrial machinery). Chairman of the board of Hillenbrand, Inc. (specialized consumer services), Oxfam America, and the Lumina Foundation for Education. Director of the V Foundation for Cancer Research. Member of the advisory council for the College of Arts and Letters and chair of the advisory board to the Kellogg Institute for International Studies, both at the University of Notre Dame.

### Mark Loughridge

Born in 1953. Trustee since March 2012. Principal occupation(s) during the past five years and other experience: senior vice president and chief financial officer (retired 2013) of IBM (information technology services). Fiduciary member of IBM's Retirement Plan Committee (2004–2013), senior vice president and general manager (2002–2004) of IBM Global Financing, vice president and controller (1998–2002) of IBM, and a variety of other prior management roles at IBM. Member of the Council on Chicago Booth.

### Scott C. Malpass

Born in 1962. Trustee since March 2012. Principal occupation(s) during the past five years and other experience: chief investment officer (1989–present) and vice president (1996–present) of the University of Notre Dame. Assistant professor of finance at the Mendoza College of Business, University of Notre Dame, and member of the Notre Dame 403(b) Investment Committee. Chairman of the board of TIFF Advisory Services, Inc. Member of the board of Catholic Investment Services, Inc. (investment advisors), the board of advisors for Spruceview Capital Partners, and the board of superintendence of the Institute for the Works of Religion.

### Deanna Mulligan

Born in 1963. Trustee since January 2018. Principal occupation(s) during the past five years and other experience: president (2010-present) and chief executive officer (2011-present) of The Guardian Life Insurance Company of America, Chief operating officer (2010-2011) and executive vice president (2008-2010) of Individual Life and Disability of The Guardian Life Insurance Company of America. Member of the board of The Guardian Life Insurance Company of America, the American Council of Life Insurers, the Partnership for New York City (business leadership), and the Committee Encouraging Corporate Philanthropy, Trustee of the Economic Club of New York and the Bruce Museum (arts and science). Member of the Advisory Council for the Stanford Graduate School of Business.

#### André E. Perold

Born in 1952. Trustee since December 2004. Principal occupation(s) during the past five years and other experience: George Gund Professor of Finance and Banking, Emeritus at the Harvard Business School (retired 2011). Chief investment officer and comanaging partner of HighVista Strategies LLC (private investment firm). Overseer of the Museum of Fine Arts Boston.

#### Sarah Bloom Raskin

Born in 1961. Trustee since January 2018. Principal occupation(s) during the past five years and other experience: deputy secretary (2014–2017) of the United States Department of the Treasury. Governor (2010–2014) of the Federal Reserve Board. Commissioner (2007–2010) of financial regulation for the State of Maryland. Member of the board of directors (2012–2014) of Neighborhood Reinvestment Corporation. Director of i(x) Investments, LLC.

#### Peter F. Volanakis

Born in 1955. Trustee since July 2009. Principal occupation(s) during the past five years and other experience: president and chief operating officer (retired 2010) of Corning Incorporated (communications equipment) and director of Corning Incorporated (2000–2010) and Dow Corning (2001–2010). Director (2012) of SPX Corporation (multi-industry manufacturing). Overseer of the Amos Tuck School of Business Administration, Dartmouth College (2001–2013). Chairman of the board of trustees of Colby-Sawyer College. Member of the Board of Hypertherm Inc. (industrial cutting systems, software, and consumables).

#### **Executive Officers**

### Glenn Booraem

Born in 1967. Principal occupation(s) during the past five years and other experience: principal of Vanguard. Investment stewardship officer (2017–present), treasurer (2015–2017), controller (2010–2015), and assistant controller (2001–2010) of each of the investment companies served by Vanguard.

#### Christine M. Buchanan

Born in 1970. Principal occupation(s) during the past five years and other experience: principal of Vanguard and global head of Fund Administration at Vanguard. Treasurer (2017–present) of each of the investment companies served by Vanguard. Partner (2005–2017) at KPMG LLP (audit, tax, and advisory services).

### Brian Dvorak

Born in 1973. Principal occupation(s) during the past five years and other experience: principal of Vanguard. Chief compliance officer (2017–present) of Vanguard and each of the investment companies served by Vanguard. Assistant vice president (2017–present) of Vanguard Marketing Corporation. Vice president and director of Enterprise Risk Management (2011–2013) at Oppenheimer Funds, Inc.

#### Thomas J. Higgins

Born in 1957. Principal occupation(s) during the past five years and other experience: principal of Vanguard. Chief financial officer (2008–present) and treasurer (1998–2008) of each of the investment companies served by Vanguard.

#### Peter Mahoney

Born in 1974. Principal occupation(s) during the past five years and other experience: principal of Vanguard. Controller (2015–present) of each of the investment companies served by Vanguard. Head of International Fund Services (2008–2014) at Vanguard.

### Anne E. Robinson

Born in 1970. Principal occupation(s) during the past five years and other experience: general counsel (2016–present) of Vanguard. Secretary (2016–present) of Vanguard and of each of the investment companies served by Vanguard. Managing director (2016–present) of Vanguard. Director and senior vice president (2016–2018) of Vanguard Marketing Corporation. Managing director and general counsel of Global Cards and Consumer Services (2014–2016) at Citigroup. Counsel (2003–2014) at American Express.

### Michael Rollings

Born in 1963. Principal occupation(s) during the past five years and other experience: finance director (2017–present) and treasurer (2017) of each of the investment companies served by Vanguard. Managing director (2016–present) of Vanguard. Chief financial officer (2016–present) of Vanguard. Director (2016–present) of Vanguard Marketing Corporation. Executive vice president and chief financial officer (2006–2016) of MassMutual Financial Group.

### Vanguard Senior Management Team

Mortimer J. Buckley Gregory Davis John James Martha G. King John T. Marcante Chris D. McIsaac

James M. Norris Thomas M. Rampulla Karin A. Risi Anne E. Robinson Michael Rollings

### Chairman Emeritus and Senior Advisor

John J. Brennan

Chairman, 1996-2009

Chief Executive Officer and President, 1996–2008

### Founder

### John C. Bogle

Chairman and Chief Executive Officer, 1974–1996



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Who Are Deaf or Hard of Hearing > 800-749-7273

This material may be used in conjunction with the offering of shares of any Vanguard fund only if preceded or accompanied by the fund's current prospectus.

All comparative mutual fund data are from Lipper, a Thomson Reuters Company, or Morningstar, Inc., unless otherwise noted

You can obtain a free copy of Vanguard's proxy voting guidelines by visiting vanguard.com/proxyreporting or by calling Vanguard at 800-662-2739. The guidelines are also available from the SEC's website, sec.gov. In addition, you may obtain a free report on how your fund voted the proxies for securities it owned during the 12 months ended June 30. To get the report, visit either vanguard.com/proxyreporting or sec.gov.

You can review and copy information about your fund at the SEC's Public Reference Room in Washington, D.C. To find out more about this public service, call the SEC at 202-551-8090. Information about your fund is also available on the SEC's website, and you can receive copies of this information, for a fee, by sending a request in either of two ways: via email addressed to publicinfo@sec.gov or via regular mail addressed to the Public Reference Section, Securities and Exchange Commission, Washington, DC 20549-1520.

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		Market Value
	Shares	(\$000
Common Stocks (99.6%) <sup>1</sup>		
Basic Materials (2.5%)	50.007.000	0.000.400
DowDuPont Inc. Praxair Inc.	58,087,208 7,189,593	3,829,109 1,137,034
Ecolab Inc.	6,496,973	911,720
LyondellBasell Industries NV Class A	7,845,718	861,852
Air Products & Chemicals Inc.	5,481,638	853,655
PPG Industries Inc.	6,227,588	645,988
Freeport-McMoRan Inc.	34,422,713	594,136
International Paper Co.	10,352,262	539,146
Newmont Mining Corp.	13,346,094	503,281
Nucor Corp.	7,950,018	496,876
Celanese Corp. Class A	3,392,117	376,729
Eastman Chemical Co.	3,213,327	321,204
FMC Corp.	3,360,500	299,790
Albemarle Corp.	2,767,114	261,022
CF Industries Holdings Inc.	5,840,948	259,338
Steel Dynamics Inc.	5,601,509	257,389
International Flavors & Fragrances Inc. Mosaic Co.	1,975,979 8,670,234	244,942 243,200
Avery Dennison Corp.	2,193,903	223,998
Alcoa Corp.	4,662,153	218,562
Chemours Co.	4,468,985	198,244
RPM International Inc.	3,325,600	193,949
Axalta Coating Systems Ltd.	5,508,229	166,954
United States Steel Corp.	4,431,912	154,009
Royal Gold Inc.	1,646,179	152,831
Reliance Steel & Aluminum Co.	1,707,289	149,456
Huntsman Corp.	5,092,186	148,692
WR Grace & Co.	1,695,455	124,294
Ashland Global Holdings Inc.	1,556,213	121,665
Olin Corp.	4,169,148	119,738
Westlake Chemical Corp.	976,885	105,142
Versum Materials Inc.	2,729,131	101,387
Peabody Energy Corp. NewMarket Corp.	2,189,765 235,730	99,591 95,353
PolyOne Corp.	2,024,221	95,353 87,487
Cabot Corp.	1,396,053	86,234
Ingevity Corp.	1,058,802	85,615
Scotts Miracle-Gro Co.	983,488	81,787
Balchem Corp.	801,288	78,638
Allegheny Technologies Inc.	3,126,899	78,548
Sensient Technologies Corp.	1,085,229	77,648
KapStone Paper and Packaging Corp.	2,195,065	75,730
Domtar Corp.	1,573,727	75,130
Univar Inc.	2,858,853	75,016
HB Fuller Co.	1,263,097	67,803
Minerals Technologies Inc.	888,581	66,955
Cleveland-Cliffs Inc.	7,498,653	63,214
Flation Specialty Froducts Corp.	5,429,689	62,984
Carpenter Technology Corp. Commercial Metals Co.	1,166,802 2,771,499	61,339 58,506
Compass Minerals International Inc.	856,983	56,347
US Silica Holdings Inc.	1,967,919	50,556
GCP Applied Technologies Inc.	1,714,135	49,624
Quaker Chemical Corp.	319,346	49,457
Innospec Inc.	621,726	47,593
Worthington Industries Inc.	1,082,399	45,428
Tronox Ltd. Class A	2,265,338	44,582
Ferro Corp.	2,091,973	43,618
Cambrex Corp.	817,653	42,763
Kaiser Aluminum Corp.	390,953	40,702
Stepan Co.	504,864	39,384

			Market Value
		Shares	(\$000)
	Arch Coal Inc. Class A	474,277	37,198
*	Kraton Corp.	790,962	36,495
*	Coeur Mining Inc.	4,651,381	35,351
	Neenah Inc.	416,622	35,350
*,^	Hecla Mining Co. AK Steel Holding Corp.	10,060,131 7,970,982	35,009 34,594
,	Warrior Met Coal Inc.	1,185,548	32,686
	A Schulman Inc.	659,182	29,334
*	AdvanSix Inc.	722,119	26,451
*	CONSOL Energy Inc.	640,682	24,570
	KMG Chemicals Inc.	325,094	23,985
	Innophos Holdings Inc.	478,614	22,782
	Rayonier Advanced Materials Inc.	1,272,070	21,740
*	SunCoke Energy Inc.	1,578,970	21,158
	PH Glatfelter Co.	1,075,966	21,078
*	CSW Industrials Inc.	379,917	20,079
	Chase Corp.	170,511	19,992
*	Koppers Holdings Inc.	506,326	19,418
*	Century Aluminum Co.	1,220,025	19,215
*	Verso Corp.	851,478	18,528
	Tredegar Corp.	757,844	17,809
	Codexis Inc.	1,222,920	17,610
*	PQ Group Holdings Inc.	875,701	15,763
*,^	American Vanguard Corp. Covia Holdings Corp.	660,836 801,553	15,166 14.877
*	Resolute Forest Products Inc.	1,422,992	14,877
	Kronos Worldwide Inc.	586,390	13,211
	Haynes International Inc.	308,884	11,348
*	Veritiv Corp.	269,480	10,739
*	OMNOVA Solutions Inc.	1,019,093	10,599
*	Clearwater Paper Corp.	457,383	10,566
	Gold Resource Corp.	1,555,606	10,251
	Hawkins Inc.	267,972	9,473
*	Intrepid Potash Inc.	2,262,730	9,277
	FutureFuel Corp.	630,355	8,831
*	Cloud Peak Energy Inc.	2,190,960	7,646
*	Nexeo Solutions Inc.	803,457	7,336
	Olympic Steel Inc.	330,232	6,740
*,^	Uranium Energy Corp.	3,643,253	5,866
*,^	AgroFresh Solutions Inc.	833,292 2,442,037	5,841
*	Klondex Mines Ltd. Universal Stainless & Alloy Products Inc.	230,188	5,641 5,449
*	Rverson Holding Corp.	411,943	4,593
	Hallador Energy Co.	554,996	3,963
	Synalloy Corp.	191,382	3,818
	Northern Technologies International Corp.	99,977	3,579
*,^	ChromaDex Corp.	925,253	3,433
*	LSB Industries Inc.	620,813	3,290
*	Ampco-Pittsburgh Corp.	308,070	3,158
*,^	Marrone Bio Innovations Inc.	1,497,687	2,756
*,^	Ur-Energy Inc.	3,848,666	2,579
*	Senomyx Inc.	1,088,009	1,306
*	NL Industries Inc.	141,712	1,233
*,^	Ramaco Resources Inc.	156,834	1,092
*	General Moly Inc.	2,527,959	1,036
	United-Guardian Inc.	45,130 106,119	864
	Friedman Industries Inc.	106,118	860
*	Pershing Gold Corp. Centrus Energy Corp. Class A	428,954 112,234	785 386
*	Solitario Zinc Corp.	613,174	264
*	Dynasil Corp. of America	158,073	226
*,^	US Gold Corp.	174,192	219
*,^	Paramount Gold Nevada Corp.	147,835	186
*,^	Westwater Resources Inc.	434,689	176
		10 1,000	1,0

				Market
** Omstock Mining Inc.			Shares	Value (\$000)
Ikonica Corp.         6.419         58           US Antimory Corp.         70,73         34           Consumer Goods (8,0%)         71,512,988           Procter & Gamble Co.         62,944,951         4313,444           Coss-Cola Co.         58,888,870         4,208,888           Persiko Inc.         38,497,055         3,668,476           Prilip Morris International Inc.         38,907,434         3,143,368           All Editor Class B         42,147,278         2,258,324           All Editor Class B         43,147,7729         2,558,324           Mondelez International Inc. Class A         36,833,831         3,683,331           Coligate-Palmolive Co.         31,743,333         1,250,687           Activition Billigard Inc.         81,809,725         1,380,684           General Motors Co.         31,866,67         1,082,833           For Motor Co.         97,869,766         1,082,296           For Motor Co.         97,869,766         1,082,296           Kirth Helm Co.         15,240,299         957,396           Kirthery Carl Co.         1,082,293         397,197           Kirthery Carl Co.         1,082,293         397,197           Corresidiation Brands Inc. Class A         3,983,398         49,110,2	*,^			172
Consumer Goods (8.0%) Procter & Gamble Co. Procter & Gamble Co. Consumer Goods (8.0%) Procter & Gamble Co. Public Maria International Inc. Bis 307,424 Altro Group Inc. Bis 307,424 Altro Group Inc. Bis 307,424 And Mindeler International Inc. Class A Colgate-Palmelow Co. Bis 308,833,861 Bis 31,861 Bis 31,862 Consumer Goods (8.0%) Consumer Cons	*,^			
Consumer Goods (8.0%)   Proctor & Gamble Co.   62,944,451   4,913,444.   4,913,44	*		·	
Consumer Goots (8.0%)   Procter & Gamble Co.	*,^	US Antimony Corp.	/0,1/3	
Coca-Cola Co.         95,888,820         4,204,880           Pepsic Con.         35,87,955         36,847,955         36,847,955         36,847,955         36,847,955         2,890,348         Alt14,388         Alt14,356         2,890,348         Alt14,356         2,890,348         NIKE Inc. Class B         32,107,729         2,558,344         Mondeler International Inc. Class A         36,880,861         1,112,688         Colgate-Patriorive Co.         21,822,001         1,414,284         Activision Blazzard Inc.         18,097,725         1,280,807<	Со		00.044.454	
PepsiCo Inc.         35,487,055         3,863,476           Philip Morris International Inc.         39,907,434         3,141,388           Altria Group Inc.         47,373,565         2,690,345           MIKE Inc. Class B         32,170,779         2,565,344           Mondelez International Inc. Class A         36,983,861         1,512,648           Colgetz-Pallmolve Co.         21,822,001         1,414,224           Activision Bitzzard Inc.         18,090,725         1,380,687           General Motors Co.         31,743,333         1,256,687           Fold Motor Co.         9,7858,787         1,092,833           Fold Motor Co.         9,7858,787         1,092,833           Fold Motor Co.         1,783,333         1,082,503           Constellation Brands Inc. Class A         5,809,248         1,082,303           Constellation Brands Inc. Class A         5,809,248         80,384           Constellation Brands Inc. Class A         5,809,248         80,384           General Mills Inc.         1,813,859         655,681           VF Corp.         7,939,968         647,256           Archiv Corp.         7,939,968         647,256           Archiv Corp.         1,922,792         40,256           Archiv Corp.				
Philip Morris International Inc.         38,907,434         3,141,386           Altria Group Inc.         47,373,565         2,690,346           NIKE Inc. Class B         32,107,729         2,5681,346           Mondeloz International Inc. Class A         36,893,861         1,122,648           Colgate-Palmolive Co.         11,822,001         1,141,284           Activision Bibrard Inc.         19,090,725         1,380,684           General Motors Co.         31,743,333         1,206,687           Tool Inc.         97,885,766         1,008,283           Ford Motor Co.         15,240,299         987,386           Ford Motor Co.         15,240,299         987,386           Ford Motor Co.         15,240,299         987,386           Krift Heinz Co.         15,240,299         987,386           Korthylochart Corp.         15,240,299         987,386           Constallation Brands Inc. Class A         3,939,863         674,137           State Lauder Cos. Inc. Class A         6,09,248         800,384           General Mills Inc.         14,813,889         655,601           VF Corp.         7,838,833         30,384           Archard Collected Cos. Inc. Class A         1,602,402         697,189           Archard Cost Inc. C				
Artia Group Inc. NIKE Inc. Class B NIKE Inc. Class A Oligetz Palmolive Co. 21,822,001 1,141,224 Activision Bilzzard Inc. 6 18,903,725 1,1380,684 Conjeatz Palmolive Co. 31,743,333 1,260,687 1,1260,68				
NIKE Inc. Class B   32,107,729   2,556,344   Mondélez International Inc. Class A   38,883 861   1,12,648   Colgate-Palmolive Co.   21,822,001   1,141,248   General Motors Co.   31,743,333   1,250,687   Tesla Inc.   3,166,677   1,092,833   Ford Motor Co.   97,856,766   1,082,209   Ford Motor Co.   97,856,766   1,082,209   Ford Motor Co.   15,240,299   967,306   Electronic Arts Inc.   7,674,848   1,082,307   Krift Heinz Co.   15,240,299   967,306   Krimberly-Chierk Corp.   8,783,333   20,496   Constellation Brands Inc. Class A   3,993,668   3674,137   Estec Lauder Cos. Inc. Class A   3,993,686   637,130   Constellation Brands Inc. Class A   5,009,248   800,384   General Mills Inc.   14,813,689   6555,681   VF Corp.   7,939,986   647,266   Archer-Daniels-Midland Co.   13,981,782   640,786   Apriliv plc   6,826,436   607,180   Monster Bewrage Corp.   10,566,635   607,180   Monster Bewrage Corp.   10,566,635   607,180   Dr Pepper Snepple Gour Inc.   4,417,428   Stander Corp.   2,824,838   Stander Corp.   3,854,396   511,725   Stander Black & Decker Inc.   3,854,396   511,725   Stander Black & Decker Inc.   3,854,396   511,725   Stander Black & Decker Inc.   4,417,428   Stander Black & Decker Inc.   3,854,396   511,920   Stander Black & Decker Inc.				
Colgate-Palmolive Co.         21,822,001         1.14,4284           Activision Bilizard Inc.         13,009,725         1.380,684           General Motors Co.         31,743,333         1.250,687           Tesla Inc.         97,888,756         1.098,238           Ford Motor Co.         15,240,299         957,396           Kirnberft-Clark Corp.         15,240,299         957,396           Kirnberft-Clark Corp.         3,933,863         874,137           Estee Lauder Cos. Inc. Class A         3,933,863         874,137           Estee Lauder Cos. Inc. Class A         3,933,863         864,137           Estee Lauder Cos. Inc. Class A         3,933,863         667,219           For Dr. Perper Bread Corp.         11,813,859         655,661           VF Corp.         10,566,835         604,726           Aprix pile         6,626,436         607,180           Monster Beverage Corp.         10,556,835         604,907           Dr Pepper Snapple Group Inc.         10,556,835         604,907           Proport Spaper Snapple Group Inc.         10,556,835         604,907           Proport Snapple State A Collega A         7,447,428         512,755           Stanley Black & Decker Inc.         6,393,853         484,888				
Activision Bitzzard Inc.       18,090,725       1,380,684         General Motors Co.       31,743,333       1,250,687         Fold Motor Co.       97,688,756       1,092,293         Electronic Arts Inc.       7,674,848       1,082,307         Kriff Hohiar Co.       16,240,299       967,338         Krimberly-Clark Corp.       8,783,333       920,496         Constellation Brands Inc. Class A       5,609,248       800,324         General Mills Inc.       7,939,968       647,266         VF Corp.       7,939,968       647,266         Archer-Daniels-Midland Co.       7,339,968       647,266         Archer-Daniels-Midland Co.       13,391,792       66,264,346       607,180         Monster Beverage Corp.       6,626,436       607,180       607,180         D' Pepper Snapple Group Inc.       4,510,565       550,289       7,447,228         Tyson Foods inc. Class A       7,447,242       512,755       51,949       1,947       378,378         Kellogg Co.       3,854,396       511,902       60,908,388       43,378       43,378       1,941,943       336,496       511,902       60,702       60,702       60,702       60,702       60,702       60,702       60,702       60,702       60,702 <td></td> <td>Mondelez International Inc. Class A</td> <td>36,893,861</td> <td>1,512,648</td>		Mondelez International Inc. Class A	36,893,861	1,512,648
General Motors Co.         31,743,333         1,256,687           Tesla Inc.         97,888,756         1,092,833           Ford Motor Co.         19,888,756         1,083,296           Kind Hoinz Co.         15,240,299         957,396           Kimberly-Clark Corp.         87,883,33         920,496           Constellation Brands Inc. Class A         3,93,863         874,137           Estee Lauder Cos. Inc. Class A         3,93,863         874,137           Estee Lauder Cos. Inc. Class A         14,813,859         655,661           VF Corp.         7,939,968         647,266           Archer-Daniels-Mildland Co.         13,981,792         640,786           Aptiv ple         66,26,436         607,180           Monster Beverage Corp.         10,556,835         604,907           Dr Pepper Snapple Group Inc.         10,556,835         604,907           Yes por Snapple Group Inc.         4,510,565         550,229           Tyson Foods Inc. Class A         7,447,428         512,755           Stanley Black & Decker Inc.         6,393,953         484,888           Clorox Co.         6,393,953         484,888           Clorox Co.         1,394,908         365,606           Clorox Co.         3,308,608				
- Teals Inc.         3,186,567         1,1982,283           - Electronic Arts Inc.         7,674,848         1,082,307           Kriff Heirz Co         1,5240,299         957,368           King Heirz Cor         3,798,333         920,496           Constellation Brands Inc. Class A         3,993,838         874,172           Estee Lauder Cos. Inc. Class A         5,600,248         800,348           General Mills Inc.         1,8381,792         640,566           VF Corp.         7,399,988         647,266           Archer Daniels-Midland Co.         7,399,988         647,266           Archer Daniels-Midland Co.         1,381,792         640,78           Archer Daniels-Midland Co.         1,586,836         607,180           Dr Pepper Snapple Group Inc.         1,556,661         1,502,836         604,7180           Dr Papper Snapple Group Inc.         1,584,336         60,493         607,180           Stanley Black & Decker Inc.         3,354,338         511,795           Visor Foods Inc. Class A         7,141,242				
Ford Motor Co.				
Eletronic Arts Inc.         7,674,848         1,082,307           Kraft Heinz Co         8,738,333         920,498           Kimberty-Clark Corp.         8,738,333         920,498           Constellation Brands Inc. Class A         5,609,248         800,394           Estee Lauder Cos. Inc. Class A         5,609,248         800,394           General Mills Inc.         1,818,859         655,661           VF Corp.         1,938,792         640,786           Archer-Daniels-Mildland Co.         1,938,792         640,786           Aptiv ple         6,626,436         607,180           Monster Beverage Corp.         1,956,655         560,229           Tyson Foods Inc. Class A         7,447,428         512,755           Strainley Black & Decker Inc.         4,938,396         511,795           Kellogg Co.         6,939,853         494,838           Clorax Co.         3,233,852         437,388           Lorox Co.         3,233,852         437,388           Clorax Co.         3,840,844         366,501           Clorax Co.         3,834,844         366,501           Clorax Co.         3,834,843         36,001           DR Horton Inc.         3,840,844         366,575           Cona	*,^			
Kraft Heinz Co         15,240,299         957,386           Kimberty-Clark Corp.         8,738,333         390,486           Constellation Brands Inc. Class A         5,609,248         800,384           Estee Lauder Cos. Inc. Class A         5,609,248         800,384           General Mills Inc.         1,813,859         655,661           VF Corp.         7,939,968         647,266           Archer-Daniels-Midland Co.         13,981,792         607,782           Aprity IpC.         10,566,835         607,180           Monster Beverage Corp.         10,566,835         604,907           Dr Pepper Snapple Group Inc.         1,510,565         560,289           Tyson Foods Inc. Class A         7,447,428         512,755           Stanley Black & Decker Inc.         6,939,863         484,888           Clorox Co.         6,939,863         484,888           Clorox Co.         6,939,863         484,888           Clorox Co.         6,939,863         484,888           Clorox Co.         6,939,862         484,888           Clorox Co.         6,939,863         484,888           Clorox Co.         6,939,863         484,888           Clorox Co.         6,939,863         484,888           <	*			
Kimberly-Clark Corp.         8,738,333         920,496           Constellation Brands Inc. Class A         3,933,863         814,137           Estee Lauder Cos. Inc. Class A         5,609,248         800,384           General Mills Inc.         1,813,859         655,661           VF Corp.         7,939,968         647,266           Archer-Daniels-Midland Co.         13,931,792         640,786           Aptiv pic         6626,436         607,180           Monster Beverage Corp.         10,556,835         604,907           Dr Pepper Snapple Group Inc.         4,510,656         569,289           Tyson Foods Inc. Class A         7,447,428         512,755           Stanley Black & Decker Inc.         3,854,396         511,902           Kellogg Co.         3,233,852         437,378           Clorox Co.         3,233,852         437,378           Lennar Corp. Class A         7,161,914         376,001           DR Horton Inc.         8,940,847         366,575           Conagra Brands Inc.         9,876,233         352,880           McCormick & Co. Inc.         3,031,473         351,924           Brown-Forman Corp. Class B         7,010,528         343,586           Mohawk Industries Inc.         2,818,019			· · ·	
Constellation Brands Inc. Class A				,
Estee Lauder Cos, Inc. Class A General Mills Inc. General Mills Inc. General Mills Inc. 14.813,859 655,661 VF Corp. 7,939,968 647,266 Archer-Daniels-Mildland Co. Aphy pic 6626,436 607,180 Monster Beverage Corp. 10,556,835 604,907 Dr Pepper Snapple Group Inc. 1,556,835 Tyson Foods Inc. Class A T,447,428 512,755 Stanley Black & Decker Inc. 8,843,966 Tyson Foods Inc. Class A T,447,428 512,755 Stanley Black & Decker Inc. 8,939,853 Lennar Corp. Class A T,161,914 37,701 DR Horton Inc. Clorox Co. Lennar Corp. Class A T,161,914 376,001 DR Horton Inc. 9,876,293 McCormick & Co. Inc. Brown-Forman Corp. Class B Townsel Brown Lindustries Inc. 1,884,714 1,939,557 Taker-Two Interactive Software Inc. 1,984,714 2,985,892 1,974 Tybe Interactive Software Inc. 1,984,714 2,985,892 1,984 1,9				
VF Corp.         7,939,968         647,266           Archer-Daniels-Midland Co.         13,981,792         640,786           Aptiv pic         6,626,436         607,180           Monster Beverage Corp.         10,556,835         604,907           Dr Pepper Snapple Group Inc.         4,510,665         550,289           Tyson Foods Inc. Class A         7,447,428         512,755           Stanley Black & Decker Inc.         3,684,396         511,902           Kellogg Co.         6,939,853         448,488           Clorox Co.         3,233,852         490,847           Lennar Corp. Class A         7,161,914         376,001           DR Horton Inc.         9,876,293         352,860           McCormick & Co. Inc.         9,876,293         352,860           McCormick & Co. Inc.         3,031,473         351,924           Brown-Forman Corp. Class B         7,010,528         343,586           Mohawk Industries Inc.         1,584,714         339,557           Take-Two Interactive Software		Estee Lauder Cos. Inc. Class A		
Archer-Daniels-Midland Co.       13.981.792       640,786         Aptiv plc       6,626,436       607,180         Monster Beverage Corp.       10,566,835       604,907         Dr Pepper Snapple Group Inc.       4,510,565       550,289         Tyson Foods Inc. Class A       7,447,428       512,765         Stanley Black & Decker Inc.       3,854,396       511,902         Kellogg Co.       6,939,853       484,888         Clorox Co.       3,233,852       437,378         Lennar Corp. Class A       7,161,914       376,001         DR Horton Inc.       9,876,293       352,800         Conagra Brands Inc.       9,876,293       352,800         McCormick & Co. Inc.       3,031,473       351,890         McCormick & Co. Inc.       3,031,473       351,890         McCormick & Co. Inc.       3,031,473       351,890         McCormick & Co. Inc.       3,031,473       331,856         Molawk Industries Inc.       1,584,714       339,557         Take-Two Interactive Software Inc.       2,858,019       332,236         Take-Two Interactive Software Inc.       2,858,019       332,236         Take-Two Interactive Software Inc.       1,984,225       309,341         Hershey Co.			14,813,859	
Aptiv plc       6.626, 2436       607, 180         Monster Beverage Corp.       10,556, 835       604,007         Dr Pepper Snapple Group Inc.       4,510,565       550,289         Tyson Foods Inc. Class A       7,447,428       512,755         Stanley Black & Decker Inc.       3,854,396       511,902         Kellogg Co.       6,939,853       484,888         Clorox Co.       3,233,852       437,378         Lennar Corp. Class A       7,161,914       376,001         DR Horton Inc.       8,940,847       365,675         Conagra Brands Inc.       8,940,847       365,875         Conagra Brands Inc.       9,976,293       352,880         McCormick & Co. Inc.       3,031,473       335,926         Brown-Forman Corp. Class B       7,010,528       434,586         **Incertain Corp. Class B       7,010,528       434,586         **Incertain Corp. Class B       7,191,004       335,957         **Take-Two Interactive Software Inc.       2,858,019       338,275         **Take-Two Interactive Software Inc.       2,858,019       338,275         **Take-Two Interactive Software Inc.       3,539,629       329,338         **Hershey Co.       3,539,629       329,338         **Church & Dw		·		
Monster Beverage Corp.       10,556,835       604,907         Dr Pepper Snapple Group Inc.       4,510,565       550,289         Tyson Foods Inc. Class A       7,447,428       512,755         Stanley Black & Decker Inc.       3,854,396       511,902         Kellogg Co.       6,939,853       484,888         Clorox Co.       3,233,852       437,378         Lennar Corp. Class A       7,161,914       376,001         DR Horton Inc.       8,940,847       366,575         Conagra Brands Inc.       9,876,293       352,880         McCormick & Co. Inc.       3,031,473       351,924         Brown-Forman Corp. Class B       7,010,528       343,586         Mohawk Industries Inc.       1,584,714       339,557         Take-Two Interactive Software Inc.       2,888,019       338,275         Tapestry Inc.       1,191,004       335,892         Hershey Co.       3,539,629       329,398         Church & Dwight Co. Inc.       6,134,321       326,101         Genuine Parts Co.       3,539,629       329,398         Lullemon Athletica Inc.       6,134,321       326,101         Leur Long Allemon Athletica Inc.       2,518,364       314,418         Lear Corp.       1,624,822				
DP Pepper Snapple Group Inc.         4,510,565         550,289           Tyson Foods Inc. Class A         7,447,428         512,755           Starley Black & Decker Inc.         3,854,396         511,902           Kellogg Co.         6,939,853         484,888           Clorox Co.         3,233,852         437,378           Lennar Corp. Class A         7,161,914         376,001           DR Horton Inc.         9,876,293         352,880           McCormick & Co. Inc.         3,031,473         351,824           Brown-Forman Corp. Class B         7,010,528         343,586           Mohawk Industries Inc.         1,584,714         339,557           Take-Two Interactive Software Inc.         2,858,019         338,275           Tayestry Inc.         7,191,004         335,882           Hershey Co.         3,539,629         329,398           Church & Dwight Co. Inc.         6,134,321         326,101           Genuine Parts Co.         3,478,553         319,296           Molson Cors Brewing Co. Class B         4,627,372         314,846           Lullulemon Athletica Inc.         2,518,364         314,418           Lear Corp.         1,664,822         309,341           JM Smucker Co.         2,691,952				
Tyson Foods Inc. Class A         7,447,428         512,755           Stanley Black & Decker Inc.         3,854,396         511,902           Kellogg Co.         6,939,853         484,888           Clorox Co.         3,223,852         437,378           Lennar Corp. Class A         7,161,914         376,001           DR Horton Inc.         8,940,847         366,575           Conagra Brands Inc.         9,876,293         352,880           McCormick & Co. Inc.         3,031,473         351,924           Brown-Forman Corp. Class B         7,010,528         343,586           Mohawk Industries Inc.         1,584,714         339,557           Take-Two Interactive Software Inc.         2,858,019         338,275           Tapestry Inc.         7,191,004         335,892           Hershey Co.         3,539,629         329,398           Church & Dwight Co. Inc.         6,134,321         326,101           Genuine Parts Co.         3,478,553         319,296           Molson Coors Brewing Co. Class B         4,627,372         314,846           Lual Lullemon Athletica Inc.         2,518,364         314,418           Lear Corp.         1,664,822         309,341           JM Smucker Co.         2,691,952	*			
Stanley Black & Decker Inc.       3,854,396       511,902         Kellogg Co.       6,939,853       484,888         Clorox Co.       3,233,852       437,378         Lennar Corp. Class A       7,161,914       376,001         DR Horton Inc.       8,940,847       366,575         Conagra Brands Inc.       9,876,293       352,880         McCormick & Co. Inc.       3,031,473       351,924         Brown-Forman Corp. Class B       7,010,528       343,586         Mohawk Industries Inc.       1,584,714       339,557         Take-Two Interactive Software Inc.       1,584,714       339,557         Tapestry Inc.       7,191,004       335,892         Hershey Co.       3,539,629       329,398         Church & Dwight Co. Inc.       6,134,321       326,101         Genuine Parts Co.       3,478,553       319,296         Molson Coors Brewing Co. Class B       4,627,372       314,846         Lululemon Athletica Inc.       2,518,364       314,141         Lear Corp.       1,664,822       309,341         JM Smucker Co.       2,691,952       289,331         PVH Corp.       10,940,294       282,150         Hasbro Inc.       2,813,088       259,676      <				
Kellogg Co.       6,939,853       484,888         Clorox Co.       3,233,852       437,378         Lennar Corp. Class A       7,161,914       376,001         DR Horton Inc.       8,940,847       365,75         Conagra Brands Inc.       9,876,293       352,880         McCormick & Co. Inc.       3,031,473       351,924         Brown-Forman Corp. Class B       7,010,528       343,586         Mohawk Industries Inc.       1,584,714       339,557         Take-Two Interactive Software Inc.       2,858,019       338,275         Tapestry Inc.       7,191,004       335,892         Hershey Co.       3,539,629       329,398         Church & Dwight Co. Inc.       3,478,553       319,296         Genuine Parts Co.       3,478,553       319,296         Molson Coors Brewing Co. Class B       4,627,372       314,846         Lear Corp.       1,664,822       309,341         JM Smucker Co.       2,518,364       314,418         Lear Corp.       1,664,822       309,341         JM Smucker Co.       2,691,952       289,331         PVH Corp.       1,922,496       282,150         Hasbro Inc.       8,6,339       256,457         Lamb Weston Holdi				
Clorox Co.   3,233,852   437,378   437,6701   1246,7376   136,940,847   366,575   206,6575   206,		,		
DR Horton Inc.         8,940,847         366,575           Conagra Brands Inc.         9,876,293         352,880           McCormick & Co. Inc.         3,031,473         351,924           B rown-Forman Corp. Class B         7,010,528         343,586           Mohawk Industries Inc.         1,584,714         339,557           Take-Two Interactive Software Inc.         2,888,019         338,275           Tapestry Inc.         7,191,004         335,892           Hershey Co.         3,539,629         329,398           Church & Dwight Co. Inc.         6,134,321         326,101           Genuine Parts Co.         3,478,553         319,296           Molson Coors Brewing Co. Class B         4,627,372         314,846           Lululemon Athletica Inc.         2,518,364         314,418           Lear Corp.         1,664,822         309,341           JM Smucker Co.         2,691,952         289,331           PVH Corp.         1,922,496         287,836           Newell Brands Inc.         1,922,496         287,836           Hasbro Inc.         2,813,088         259,676           1 Australia Inc.         3,659,636         250,722           Lumb Weston Holdings Inc.         3,659,636         250,722		Clorox Co.		
Conagra Brands Inc.         9,876,293         352,880           McCormick & Co. Inc.         3,031,473         351,924           Brown-Forman Corp. Class B         7,010,528         343,586           Mohawk Industries Inc.         1,584,714         339,557           Take-Two Interactive Software Inc.         2,858,019         338,275           Tapestry Inc.         7,191,004         335,892           Hershey Co.         3,539,629         329,398           Church & Dwight Co. Inc.         6,134,321         326,101           Genuine Parts Co.         3,478,553         319,296           Molson Coors Brewing Co. Class B         4,627,372         314,846           Lululemon Athletica Inc.         2,518,364         314,418           Lear Corp.         1,664,822         309,341           JM Smucker Co.         2,691,952         289,331           PVH Corp.         1,922,496         287,836           Newell Brands Inc.         86,339         256,457           Lamb Weston Holdings Inc.         86,339         256,457           Lamb Weston Holdings Inc.         6,631,411         246,755           Bunge Ltd.         3,606,868         240,217           Whirlpool Corp.         1,607,046         234,998		Lennar Corp. Class A		
McCormick & Co. Inc.       3,031,473       351,924         Brown-Forman Corp. Class B       7,010,528       343,586         Mohawk Industries Inc.       1,584,714       339,557         Take-Two Interactive Software Inc.       2,858,019       338,275         Tapestry Inc.       7,191,004       335,892         Hershey Co.       3,539,629       329,398         Church & Dwight Co. Inc.       6,134,321       326,101         Genuine Parts Co.       3,478,553       319,296         Molson Coors Brewing Co. Class B       4,627,372       314,846         Lululemon Athletica Inc.       2,518,364       314,418         Lear Corp.       1,664,822       309,341         JM Smucker Co.       2,691,952       289,331         PVH Corp.       1,922,496       287,836         Newell Brands Inc.       10,940,294       282,150         Hasbro Inc.       86,339       256,457         Lamb Weston Holdings Inc.       86,339       256,457         Lamb Weston Holdings Inc.       86,339       256,457         Bunge Ltd.       3,659,636       250,722         Whirlpool Corp.       1,607,046       234,998         LKQ Corp.       7,328,254       233,771				
Brown-Forman Corp. Class B       7,010,528       343,586         Mohawk Industries Inc.       1,584,714       339,557         Take-Two Interactive Software Inc.       2,886,019       338,275         Tapestry Inc.       7,191,004       335,892         Hershey Co.       3,539,629       329,398         Church & Dwight Co. Inc.       6,134,321       326,101         Genuine Parts Co.       3,478,553       319,296         Molson Coors Brewing Co. Class B       4,627,372       314,846         Lululemon Athletica Inc.       2,518,364       314,418         Lear Corp.       1,664,822       309,341         JM Smucker Co.       2,691,952       289,331         PVH Corp.       1,922,496       287,336         Newell Brands Inc.       10,940,294       282,150         Hasbro Inc.       2,813,088       259,676         NVR Inc.       86,339       256,722         Hormel Foods Corp.       86,339       256,457         Bunge Ltd.       3,517,412       245,199         Michael Kors Holdings Ltd.       3,517,412       245,199         Michael Kors Holdings Ltd.       3,517,412       245,199         Michael Kors Holdings Ltd.       3,506,868       240,217				
Mohawk Industries Inc.       1,584,714       339,557         Take-Two Interactive Software Inc.       2,858,019       338,275         Tapestry Inc.       7,191,004       335,882         Hershey Co.       3,539,629       329,398         Church & Dwight Co. Inc.       6,134,321       326,101         Genuine Parts Co.       3,478,553       319,296         Molson Coors Brewing Co. Class B       4,627,372       314,846         Lululemon Athletica Inc.       2,518,364       314,418         Lear Corp.       1,664,822       309,341         JM Smucker Co.       2,691,952       288,331         PVH Corp.       1,922,496       287,836         Newell Brands Inc.       10,940,294       282,150         Hasbro Inc.       86,339       256,457         Lamb Weston Holdings Inc.       86,339       256,457         Lamb Weston Holdings Inc.       3,659,636       250,722         Hornel Foods Corp.       6,631,411       246,755         Bunge Ltd.       3,606,868       240,217         Whirlpool Corp.       1,607,046       234,998         XIN Corp.       7,328,254       233,711         Snap-on Inc.       5,257,159       226,996         BorgWar				
Take-Two Interactive Software Inc.       2,858,019       338,275         Tapestry Inc.       7,191,004       335,892         Hershey Co.       3,539,629       329,398         Church & Dwight Co. Inc.       6,134,321       326,101         Genuine Parts Co.       3,478,553       319,296         Molson Coors Brewing Co. Class B       4,627,372       314,846         Lululemon Athletica Inc.       2,518,364       314,418         Lear Corp.       1,664,822       309,341         JM Smucker Co.       2,691,952       289,331         PVH Corp.       1,922,496       287,836         Newell Brands Inc.       10,940,294       282,150         Hasbro Inc.       2,813,088       259,676         VNR Inc.       86,339       256,457         Lamb Weston Holdings Inc.       86,339       256,457         Hormel Foods Corp.       6,631,411       246,755         Bunge Ltd.       3,517,412       245,199         Michael Kors Holdings Ltd.       3,606,868       240,217         Whirlpool Corp.       1,607,046       234,998         LKC Corp.       7,328,254       233,771         Snap-on Inc.       5,257,159       226,896         US Foods Holding Cor	*			
Tapestry Inc.       7,191,004       335,892         Hershey Co.       3,539,629       329,398         Church & Dwight Co. Inc.       6,134,321       326,101         Genuine Parts Co.       3,478,553       319,296         Molson Coors Brewing Co. Class B       4,627,372       314,846         Lullulemon Athletica Inc.       2,518,364       314,418         Lear Corp.       1,664,822       309,341         JM Smucker Co.       2,691,952       289,331         PVH Corp.       1,922,496       287,836         Newell Brands Inc.       10,940,294       282,150         Hasbro Inc.       86,339       256,457         Lamb Weston Holdings Inc.       86,339       256,457         Lamb Weston Holdings Inc.       86,339       256,457         Hornel Foods Corp.       6,631,411       246,755         Burge Ltd.       3,517,412       245,199         * Michael Kors Holdings Ltd.       3,506,868       240,217         Whirlpool Corp.       1,607,046       234,998         * LKQ Corp.       5,325,159       226,966         BorgWarner Inc.       5,257,159       226,966         US Foods Holding Corp.       5,374,501       203,264         Ingredion	*			,
Hershey Co.       3,539,629       329,398         Church & Dwight Co. Inc.       6,134,321       326,101         Genuine Parts Co.       3,478,553       319,296         Molson Coors Brewing Co. Class B       4,627,372       314,846         Lululemon Athletica Inc.       2,518,364       314,418         Lear Corp.       1,664,822       309,341         JM Smucker Co.       2,691,952       289,331         PVH Corp.       1,922,496       287,836         Newell Brands Inc.       10,940,294       282,150         Hasbro Inc.       2,813,088       259,676         NVR Inc.       86,339       256,457         Lamb Weston Holdings Inc.       3,659,636       250,722         Hormel Foods Corp.       6,631,411       246,755         Bunge Ltd.       3,517,412       245,199         * Michael Kors Holdings Ltd.       3,606,868       240,217         Whirlpool Corp.       1,607,046       234,998         * LKQ Corp.       7,328,254       233,771         Snap-on Inc.       1,412,180       226,966         BorgWarner Inc.       5,257,159       226,966         US Foods Holding Corp.       5,257,159       226,966         US Foods Holding Corp.<				
Genuine Parts Co.       3,478,553       319,296         Molson Coors Brewing Co. Class B       4,627,372       314,846         Lululemon Athletica Inc.       2,518,364       3114,118         Lear Corp.       1,664,822       309,341         JM Smucker Co.       2,691,952       289,331         PVH Corp.       1,922,496       287,836         Newell Brands Inc.       10,940,294       282,150         Hasbro Inc.       2,813,088       256,457         NVR Inc.       86,339       256,457         Lamb Weston Holdings Inc.       3,659,636       250,722         Hormel Foods Corp.       6,631,411       246,755         Bunge Ltd.       3,507,412       245,199         * Michael Kors Holdings Ltd.       3,606,868       240,217         Whirlpool Corp.       1,607,046       234,998         * LKQ Corp.       7,328,254       233,771         Snap-on Inc.       1,412,180       226,966         BorgWarner Inc.       5,257,159       226,899         * US Foods Holding Corp.       1,801,881       199,468         Hanesbrands Inc.       9,053,018       199,347				
Molson Coors Brewing Co. Class B       4,627,372       314,846         Lululemon Athletica Inc.       2,518,364       314,418         Lear Corp.       1,664,822       309,341         JM Smucker Co.       2,691,952       289,331         PVH Corp.       1,922,496       287,836         Newell Brands Inc.       10,940,294       282,150         Hasbro Inc.       2,813,088       259,676         NVR Inc.       86,339       256,457         Lamb Weston Holdings Inc.       3,659,636       250,722         Hormel Foods Corp.       6,631,411       246,755         Bunge Ltd.       3,517,412       245,199         * Michael Kors Holdings Ltd.       3,606,868       240,217         Whirlpool Corp.       1,607,046       234,998         * LKQ Corp.       7,328,254       233,771         Snap-on Inc.       1,412,180       226,966         BorgWarner Inc.       5,257,159       226,896         US Foods Holding Corp.       5,374,501       203,264         Ingredion Inc.       1,801,881       199,468         Hanesbrands Inc.       9,053,018       199,347				
Lululemon Athletica Inc.       2,518,364       314,418         Lear Corp.       1,664,822       309,341         JM Smucker Co.       2,691,952       289,331         PVH Corp.       10,940,294       287,836         Newell Brands Inc.       10,940,294       282,150         Hasbro Inc.       2,813,088       259,676         NVR Inc.       86,339       256,457         Lamb Weston Holdings Inc.       3,659,636       250,722         Horrnel Foods Corp.       6,631,411       246,755         Bunge Ltd.       3,517,412       245,199         Michael Kors Holdings Ltd.       3,606,868       240,217         Whirlpool Corp.       1,607,046       234,998         LKQ Corp.       7,328,254       233,771         Snap-on Inc.       1,412,180       226,966         BorgWarner Inc.       5,257,159       226,896         US Foods Holding Corp.       5,374,501       203,264         Ingredion Inc.       1,801,881       199,464         Hanesbrands Inc.       9,053,018       199,347				
Lear Corp.1,664,822309,341JM Smucker Co.2,691,952289,331PVH Corp.1,922,496287,836Newell Brands Inc.10,940,294282,150Hasbro Inc.2,813,088259,676NVR Inc.86,339256,457Lamb Weston Holdings Inc.3,659,636250,722Hormel Foods Corp.6,631,411246,755Bunge Ltd.3,517,412245,199Michael Kors Holdings Ltd.3,606,868240,217Whirlpool Corp.1,607,046234,998LKQ Corp.7,328,254233,771Snap-on Inc.1,412,180226,966BorgWarner Inc.5,257,159226,899US Foods Holding Corp.5,374,501203,264Ingredion Inc.1,801,881199,468Hanesbrands Inc.9,053,018199,347		•		
JM Smucker Co.       2,691,952       289,331         PVH Corp.       1,922,496       287,836         Newell Brands Inc.       10,940,294       282,150         Hasbro Inc.       2,813,088       259,676         NVR Inc.       86,339       256,457         Lamb Weston Holdings Inc.       3,659,636       250,722         Hormel Foods Corp.       6,631,411       246,755         Bunge Ltd.       3,517,412       245,199         Michael Kors Holdings Ltd.       3,606,868       240,217         Whirlpool Corp.       1,607,046       234,998         LKQ Corp.       7,328,254       233,771         Snap-on Inc.       1,412,180       226,896         BorgWarner Inc.       5,257,159       226,899         US Foods Holding Corp.       5,374,501       203,264         Ingredion Inc.       1,801,881       199,468         Hanesbrands Inc.       9,053,018       199,347	*			
PVH Corp.       1,922,496       287,836         Newell Brands Inc.       10,940,294       282,150         Hasbro Inc.       2,813,088       259,676         NVR Inc.       86,339       256,457         Lamb Weston Holdings Inc.       3,659,636       250,722         Hormel Foods Corp.       6,631,411       246,755         Bunge Ltd.       3,517,412       245,199         Michael Kors Holdings Ltd.       3,606,868       240,217         Whirlpool Corp.       1,607,046       234,998         LKQ Corp.       7,328,254       233,771         Snap-on Inc.       1,412,180       226,966         BorgWarner Inc.       5,257,159       226,899         US Foods Holding Corp.       5,374,501       203,264         Ingredion Inc.       1,801,881       199,468         Hanesbrands Inc.       9,053,018       199,347			· · ·	
Newell Brands Inc.       10,940,294       282,150         Hasbro Inc.       2,813,088       259,676         NVR Inc.       86,339       256,457         Lamb Weston Holdings Inc.       3,659,636       250,722         Hormel Foods Corp.       6,631,411       246,755         Bunge Ltd.       3,517,412       245,199         * Michael Kors Holdings Ltd.       3,606,868       240,217         Whirlpool Corp.       1,607,046       234,998         * LKQ Corp.       7,328,254       233,771         Snap-on Inc.       1,412,180       226,966         BorgWarner Inc.       5,257,159       226,966         BorgWarner Inc.       5,374,501       203,264         Ingredion Inc.       1,801,881       199,468         Hanesbrands Inc.       9,053,018       199,347				
Hasbro Inc.       2,813,088       259,676         NVR Inc.       86,339       256,457         Lamb Weston Holdings Inc.       3,659,636       250,722         Hormel Foods Corp.       6,631,411       246,755         Bunge Ltd.       3,517,412       245,199         * Michael Kors Holdings Ltd.       3,606,868       240,217         Whirlpool Corp.       1,607,046       234,998         * LKQ Corp.       7,328,254       233,771         Snap-on Inc.       1,412,180       226,966         BorgWarner Inc.       5,257,159       226,899         * US Foods Holding Corp.       5,374,501       203,264         Ingredion Inc.       1,801,881       199,468         Hanesbrands Inc.       9,053,018       199,347		·		
NVR Inc.       86,339       256,457         Lamb Weston Holdings Inc.       3,659,636       250,722         Hormel Foods Corp.       6,631,411       246,755         Bunge Ltd.       3,517,412       245,199         Michael Kors Holdings Ltd.       3,606,868       240,217         Whirlpool Corp.       1,607,046       234,998         LKQ Corp.       7,328,254       233,771         Snap-on Inc.       1,412,180       226,966         BorgWarner Inc.       5,257,159       226,899         US Foods Holding Corp.       5,374,501       203,264         Ingredion Inc.       1,801,881       199,468         Hanesbrands Inc.       9,053,018       199,347				
Hormel Foods Corp. 6,631,411 246,755 Bunge Ltd. 3,517,412 245,199  Michael Kors Holdings Ltd. 3,606,868 240,217 Whirlpool Corp. 1,607,046 234,998  LKQ Corp. 7,328,254 233,771 Snap-on Inc. 1,412,180 226,966 BorgWarner Inc. 5,257,159 226,899  US Foods Holding Corp. 5,374,501 203,264 Ingredion Inc. 1,801,881 199,468 Hanesbrands Inc. 9,053,018 199,347	*	NVR Inc.	86,339	256,457
Bunge Ltd.       3,517,412       245,199         Michael Kors Holdings Ltd.       3,606,868       240,217         Whirlpool Corp.       1,607,046       234,998         LKQ Corp.       7,328,254       233,771         Snap-on Inc.       1,412,180       226,966         BorgWarner Inc.       5,257,159       226,899         US Foods Holding Corp.       5,374,501       203,264         Ingredion Inc.       1,801,881       199,468         Hanesbrands Inc.       9,053,018       199,347			3,659,636	
Michael Kors Holdings Ltd.       3,606,868       240,217         Whirlpool Corp.       1,607,046       234,998         LKQ Corp.       7,328,254       233,771         Snap-on Inc.       1,412,180       226,966         BorgWarner Inc.       5,257,159       226,899         US Foods Holding Corp.       5,374,501       203,264         Ingredion Inc.       1,801,881       199,468         Hanesbrands Inc.       9,053,018       199,347			· · ·	
Whirlpool Corp.       1,607,046       234,998         LKQ Corp.       7,328,254       233,771         Snap-on Inc.       1,412,180       226,966         BorgWarner Inc.       5,257,159       226,899         US Foods Holding Corp.       5,374,501       203,264         Ingredion Inc.       1,801,881       199,468         Hanesbrands Inc.       9,053,018       199,347			· · ·	
LKQ Corp.       7,328,254       233,771         Snap-on Inc.       1,412,180       226,966         BorgWarner Inc.       5,257,159       226,899         US Foods Holding Corp.       5,374,501       203,264         Ingredion Inc.       1,801,881       199,468         Hanesbrands Inc.       9,053,018       199,347	*			
Snap-on Inc.       1,412,180       226,966         BorgWarner Inc.       5,257,159       226,899         US Foods Holding Corp.       5,374,501       203,264         Ingredion Inc.       1,801,881       199,468         Hanesbrands Inc.       9,053,018       199,347	*			
BorgWarner Inc.       5,257,159       226,899         US Foods Holding Corp.       5,374,501       203,264         Ingredion Inc.       1,801,881       199,468         Hanesbrands Inc.       9,053,018       199,347				
US Foods Holding Corp.       5,374,501       203,264         Ingredion Inc.       1,801,881       199,468         Hanesbrands Inc.       9,053,018       199,347				
Ingredion Inc.       1,801,881       199,468         Hanesbrands Inc.       9,053,018       199,347	*			
Hanesbrands Inc. 9,053,018 199,347				
Campbell Soup Co. 4,887,464 198,138		Hanesbrands Inc.		
		Campbell Soup Co.	4,887,464	198,138

				Market Value
Pute Croup Inc.   6,393,981   183,827   Polisia Fuldutiries Inc.   1,499,998   183,198   183,199   183,			Shares	(\$000)
Polaris Industries Inc.		Pinnacle Foods Inc.	· · · · · · · · · · · · · · · · · · ·	
Halley-Davidson Inc.		!		
Raph Lauren Corp. Class A   1,391,444   174,382   20fferies Flannacial Group Inc.   7,454,197   188,508   20fferies Flannacial Group Inc.   1,388,736   164,926   Corly Inc. Class A   1,227,592   189,155   Gentex Corp.   6,813,336   165,834   182,927   183,3078   185,108   183,3078   185,108   183,3078   185,108   183,3078   185,108   183,3078   185,108   183,3078   185,108   183,3078   185,108   183,3078   185,108   183,3078   185,108   183,3078   185,108   183,3078				
Jeffeise Financial Toroug Inc.				
V. Wayfair Inc.         1,388,786         66,815,562         69,185         66,815,562         69,185         66,813,336         168,828         66,813,336         168,838         168,838         168,838         168,838         168,838         168,838         168,838         168,838         168,838         168,838         168,838         168,838         168,838         168,838         168,838         168,838         168,838         168,838         168,838         168,938         168,938,938         144,387         144,387         144,3591         144				
Coty Inc. Class A         11,287,562         1581,55           Centex Corps         6,313,336         158,843           WABCO Holdings Inc.         1,334,028         156,108           Loggett & Platt Inc.         3,277,003         145,557           Middleby Corp.         14,587,009         145,557           Herbalife Nutrition Ltd.         2,207,394         143,591           Mattel Inc.         3,359,898         141,559           Mattel Inc.         3,359,898         141,559           Goodward Tire & Rubber Co.         3,359,898         133,408           Post Holdings Inc.         1,598,683         133,408           Fost Holdings Inc.         1,598,477         136,813           Toll Brothers Inc.         1,293,353         122,141           Center's Inc.         1,293,353         122,141           Thor Industries Inc.         1,246,142         121,362           Valvoline Inc.         4,973,692         107,283           Valvoline Inc.         4,973,692         107,283           Valvoline Inc.         4,973,692         107,283           Valvoline Inc.         4,973,692         107,283           Valvoline Inc.         4,973,692         107,288           Valvoline Inc.	*,^			
WABCO Holdings Inc.         1,334,028         156,108           Leggert & Platt Inc.         3,277,003         146,285           Middleby Corp.         949,636         143,870         145,187           Hehsalife Nutrition Ltd.         8,593,889         114,112         Brunswick Corp.         5,916,735         140,393           Mattel Inc.         5,981,898         141,112         Brunswick Corp.         5,981,663         139,406           Ocotyper Time & Riubber Co.         5,981,663         139,406         1,590,477         136,813           Toll Brothers Inc.         1,590,477         136,813         101,812         127,141           Carter's Inc.         1,129,353         122,111         127,141         127,141         12,1352         127,141         12,1352         127,141         12,1352         127,141         12,1352         127,141         12,1352         127,141         12,1352         127,141         12,1352         127,141         12,1352         127,141         13,131,140         13,141,142         13,131,140         13,141,142         13,131,140         13,142,142         13,142,142         13,142,142         13,142,142         13,142,142         13,142,142         13,142,142         13,142,142         13,142,142         13,142,142         13,142,142				159,155
Leggett & Platt Inc.		· ·		
Midleby Corp.         1338,570         145,877           Pool Corp.         949,636         145,879           Herbalfe Nutrition Ltd.         2,672,954         143,891           Mattel Inc.         8538,3889         141,112           But Inc.         5,985,663         139,406           Post Holdings Inc.         1,590,477         136,813           Post Holdings Inc.         1,590,477         136,813           Toll Brothers Inc.         3,437,169         122,141           Carter's Inc.         1,129,353         122,211           Carter's Inc.         1,129,353         122,211           Carter's Inc.         1,129,353         122,211           Carter's Inc.         1,129,353         122,211           Carter's Inc.         1,120,323         107,223	*			
Pool Corp.         949,636 144,870           Mattel Inc.         8,593,889 141,112           Brunswick Corp.         2,171,735 140,033           Goodyear Tire & Rubber Co.         5,985,653 139,406           Post Holdings Inc.         15,904,77 136,813           Toll Brothers Inc.         3,437,169 127,141           Cartar's Inc.         1,246,142 121,362           Valvoline Inc.         1,246,142 121,362           Valvoline Inc.         4,973,692 107,283           Valvoline Inc.         4,712,366 105,934           Nu Skin Enterprises Inc. Class A         4,712,366 105,934           Nu Skin Enterprises Inc. Class A         3,373,897 101,251           Delph Technologies plc         2,226,596 101,221           Usbernologies plc         4,675,710 98,564           Visteon Corp.         4,675,710 98,564           Flowers Foods Inc.         1,497,987 94,313           Flowers Foods Inc.         1,497,987 94,313           Flowers Foods Inc.         1,497,987 94,313           Flowers Foods Inc.         3,498,268 78,807           Valvolume World Wide Inc.         2,288,125 78,588           Valvolume World Wide Inc.         3,498,268 78,807           Tree-flouse Foods Inc.         3,498,268 78,807           Tree-flouse Foods Inc.				
Herbasife Nutrition Ltd.         2 672 954         145,591           Mattel Inc.         8593,889         141,112           Businswick Corp.         2,171,735         140,033           Coodyser Tire & Rubber Co.         1,590,477         136,813           Toll Rothers Inc.         1,590,477         136,813           Toll Rothers Inc.         1,129,353         122,141           Thor Industries Inc.         4,973,892         107,283           Valvoline Inc.         4,973,892         107,283           Number Amour Inc. Class A         1,319,140         103,144           Skechers U.S.A. Inc. Class A         1,319,140         103,144           Skechers U.S.A. Inc. Class A         1,319,140         103,144           Visteon Corp.         2,226,596         101,221           Under Amour Inc.         4,675,710         88,564           Visteon Corp.         748,847         96,781           Energizer Holdings Inc.         1,483,877         98,313           Flowers Foods Inc.         4,469,476         39,099           Deekers Outdoor Corp.         790,841         89,278           Dark Ing. Class A         3,173,797         74,428           Oberating Date Class A         3,602,685         78,079 </td <td>-,/\</td> <td></td> <td></td> <td></td>	-,/\			
Mattel Inc.         8,593,889         141,112           Brunswick Corp.         2,171,735         140,033           Goodyvar Tire & Rubber Co.         5,985,653         139,406           Post Holdings Inc.         1590,477         138,813           Toll Brothers Inc.         3,437,169         127,141           Carter's Inc.         1,129,353         122,411           Tor Industries Inc.         1,246,142         121,382           Valvoline Inc.         4,973,692         107,283           Under Armour Inc. Class A         4,712,366         105,934           N. Skin Enterprises Inc. Class A         3,373,897         101,251           Seechers U.S.A. Inc. Class A         3,373,897         101,251           Delph Technologies plc         2,226,556         101,221           Under Armour Inc.         4,675,710         99,564           Viston Cong.         4,675,710         99,564           Flowers Foods Inc.         1,497,987         93,313           Flowers Foods Inc.         1,497,987         93,313           Flowers Foods Inc.         1,497,987         93,313           Verbut Class A         1,752         9,788           Verbut Class A         1,787         9,788 <t< td=""><td>*,^</td><td>·</td><td></td><td>,</td></t<>	*,^	·		,
Brunswick Corp.   2,171,755   140,033   Goodyear Tire & Hubber Co.   5,986,653   133,406   7   136,813   133,406   7   136,813   133,406   7   136,813   133,406   7   136,813   132,411   132,353   122,411   132,401   142,410   121,362   142,401   121,362   142,401   142,401   121,362   142,401				
** Post Holdings Inc.       1.580,477       136,813         Toll Brothers Inc.       1.129,363       122,411         Thor Industries Inc.       1.126,142       121,236         Valvoline Inc.       4,973,692       107,283         Under Armour Inc. Class A       4,712,386       105,893         Nu Skin Enterprises Inc. Class A       1,319,140       103,144         Skachner U.S.A. Inc. Class A       3,373,897       101,124         Delphi Tachnologies pic       2,226,596       101,221         Visteon Corp.       748,847       96,781         Energizer Holdings Inc.       1,497,907       94,313         Flowers Foods Inc.       4,480,476       93,093         Darling Ingredients Inc.       4,112,518       81,778         Darling Ingredients Inc.       4,112,518       81,778         Darling Ingredients Inc.       4,112,518       81,778         Volverine World Wide Inc.       2,228,125       79,588         Webbert Inc.       3,499,326       78,074         TreeHouse Foods Inc.       3,499,326       78,074         Darling Ingredients Inc.       4,112,518       81,75         Volverine World Wide Inc.       2,228,125       79,588         Wolbertine World Wide Inc.       <		Brunswick Corp.		
Total Brothers Inc.			5,985,653	139,406
Carter's Inc.         1,129,353         122,411           Thor Industries Inc.         1,246,142         121,362           Valvoline Inc.         4,973,682         107,283           Nu Skin Enterprises Inc. Class A         4,712,366         105,934           Nu Skin Enterprises Inc. Class A         1,319,140         103,144           Delph Technologies plc         2,226,596         101,221           Under Armour Inc.         4,675,710         38,564           Ustson Corp.         748,847         98,767           Energizer Holdings Inc.         4,469,476         93,309           E Deckers Outdoor Corp.         4,469,476         93,039           Dearling Ingredients Inc.         4,112,518         81,757           Darling Ingredients Inc.         4,112,518         81,757           Volverine World Wide Inc.         2,288,125         78,558           Wolverine World Wide Inc.         2,288,125         78,558           Wolverine World Wide Inc.         1,417,397         74,428           Da a inc.         2,329,303         70,216	*	o contract of the contract of		
This Industries Inc.				
Valvoline Inc.				
V. Under Armour Inc. Class A         4,712,566         105,934           Nu Skin Enterprises Inc. Class A         1,319,140         103,144           Skechers U.S.A. Inc. Class A         3,373,897         101,251           Delphi Technologies pic         4,675,710         98,564           Visteon Corp.         748,847         96,781           Energizer Holdings Inc.         1,497,987         94,313           Flowers Foods Inc.         4,69,476         93,099           Deckers Cutdor Corp.         790,841         89,278           Darling Ingredients Inc.         4,112,518         81,757           Zynga Inc. Class A         119,629,985         79,894           Wolverine World Wide Inc.         2,286,125         79,558           Weblist Inc.         3,499,326         78,070           TreeHouse Foods Inc.         1,417,397         74,428           Dana Inc.         3,602,685         72,738           Columbia Sportswear Co.         391,641         72,411           Steven Madden Ltd.         1,322,339         70,216           Steven Madden Ltd.         1,322,339         70,216           Hein Celestial Group Inc.         2,239,031         69,405           Hein Celestial Group Inc.         3,748,368				
Nu Skin Enterprises Inc. Class A         1,319,140         103,144           Skochers U.S.A. Inc. Class A         3,373,897         101,251           Upleph Technologies plc         2,226,596         101,221           Visteon Corp.         748,647         96,781           Energizer Holdings Inc.         1,497,987         94,313           Flowers Foods Inc.         4,469,476         93,099           Deckers Outdoor Corp.         790,841         89,278           Darling Ingredients Inc.         4,112,518         81,757           Zynga Inc. Class A         19,629,985         79,884           Wolverine World Wide Inc.         2,288,125         79,558           Welbilt Inc.         3,499,326         78,070           TreeHouse Foods Inc.         1,417,397         74,428           Daria Inc. Sportswear Co.         1,417,397         74,428           Columbia Sportswear Co.         1,417,397         74,428           Dana Inc.         3,602,685         72,738           Columbia Sportswear Co.         1,366,445         8,951           Steven Madden Ltd.         1,322,339         70,216           Edgewell Personal Care Co.         1,366,445         89,951           Edgewell Personal Care Co.         1,366,445	* ^			
Skechers U.S.A. Inc. Class A         3,373,897         101,251           Delphi Technologies plc         2,226,596         101,221           Visteon Corp.         4,675,710         98,564           Visteon Corp.         748,847         96,781           Energizer Holdings Inc.         1,497,987         94,313           Flowers Foods Inc.         4,469,476         93,099           Deckers Outdoor Corp.         799,841         89,278           Zynga Inc. Class A         19,629,985         79,884           Wolverine World Wide Inc.         2,288,125         79,588           Welbilt Inc.         3,602,685         72,738           TreeHouse Foods Inc.         1,417,397         74,428           Dana Inc.         3,602,685         72,738           Columbia Sportswear Co.         791,641         72,411           Steven Madden Ltd.         1,322,339         70,216           Hain Celestial Group Inc.         2,329,031         69,405           Edgewell Personal Care Co.         1,366,445         68,951           Hellen of Troy Ltd.         679,088         66,856           Lancaster Colony Corp.         481,122         66,597           TRI Pointe Group Inc.         3,748,368         61,232	,			
Delphi Technologies plc	*			
V. Misteon Corp.         748,847         96,781           Energizer Holdings Inc.         1,497,987         94,313           Flowers Foods Inc.         4,409,476         93,099           D. Deckers Outdoor Corp.         790,841         89,278           D. Deckers Outdoor Corp.         790,841         81,757           Zyrga Inc. Class A         4,112,518         81,757           Velbilt Inc.         3,499,236         78,978           Velbilt Inc.         3,499,326         78,070           TreeHouse Foods Inc.         1,417,397         74,428           Dana Inc.         3,602,685         72,738           Columbia Sportswear Co.         791,641         72,411           Steven Madden Ltd.         1,322,339         70,216           Steven Madden Ltd.         1,322,339         70,216           Edgewell Personal Care Co.         1,366,436         68,951           Helen of Troy Ltd.         679,088         68,566           Lancaster Colony Corp.         481,122         66,597           Boston Beer Co. Inc. Class A         210,774         63,169           Till Pointe Group Inc.         3,748,368         61,323           KB Home         2,165,275         89,982           Cooper-		Delphi Technologies plc		101,221
Regriter Holdings Inc.	*,^			
Flowers Foods Inc.	*	·		
beckers Outdoor Corp.         790,841         89,278           Darling Ingredients Inc.         4,112,518         81,757           Valyage Inc. Class A         19,629,985         79,894           Wolverine World Wide Inc.         2,288,125         79,558           Welbit Inc.         3,499,326         78,070           TreeHouse Foods Inc.         1,417,397         74,428           Dana Inc.         3,602,685         72,738           Columbia Sportswear Co.         791,641         72,411           Steven Madden Ltd.         1,322,339         70,216           Hain Celestial Group Inc.         2,329,031         69,405           Edgewell Personal Care Co.         1,366,445         68,951           Lancaster Colony Corp.         481,122         66,856           Lancaster Colony Corp.         481,122         66,856           Boston Beer Co. Inc. Class A         210,774         63,169           TRI Pointe Group Inc.         3,748,368         61,323           TRI Pointe Group Inc.         3,748,368         61,323           Talyor Morrison Home Corp. Class A         2,807,078         58,331           Jay Snack Foods Corp.         1,93,574         56,866           Tempur Sealy International Inc.         1,153,6				
Nome       Darling Ingredients Inc.       4,112,518       81,757         2 Tynga Inc. Class A       19,629,985       79,894         Wolverine World Wide Inc.       2,288,125       79,558         Welbilt Inc.       3,499,326       78,070         Tree House Foods Inc.       1,417,397       74,428         Dana Inc.       791,641       72,418         Columbia Sportswear Co.       791,641       72,411         Steven Madden Ltd.       1,322,339       70,216         Hain Celestial Group Inc.       2,329,031       69,405         Edgewell Personal Care Co.       1,366,445       68,951         Helen of Troy Ltd.       679,088       66,856         Lancaster Colony Corp.       481,122       66,856         Boston Beer Co. Inc. Class A       210,774       63,169         Boston Beer Co. Inc. Class A       2,105,275       58,952         Cooper-Standard Holdings Inc.       3,748,368       61,323         KB Home       2,165,275       58,952         Taylor Morrison Home Corp. Class A       2,807,078       58,331         Jay Snack Foods Corp.       1,153,619       55,431         Eanderson Farms Inc.       514,730       54,124         LCI Industries       595,22				
F. Winga Inc. Class A Wolverine World Wide Inc.         19,629,985         79,894           Wolverine World Wide Inc.         2,288,125         79,558           Welbit Inc.         3,499,326         78,070           TreeHouse Foods Inc.         1,417,397         74,428           Dana Inc.         3,602,685         72,738           Columbia Sportswear Co.         791,641         72,411           Steven Madden Ltd.         1,322,339         70,216           Hain Celestial Group Inc.         2,329,031         69,405           Helen of Troy Ltd.         679,088         66,856           Helen of Troy Ltd.         679,088         66,856           Hain Celestial Group Inc.         481,122         66,597           Boston Beer Co. Inc. Class A         210,774         63,169           Till Pointe Group Inc.         3,748,368         61,323           KB Home         2,165,275         58,982           Cooper-Standard Holdings Inc.         446,753         58,377           Taylor Morrison Home Corp. Class A         2,807,078         58,331           J&J Shack Foods Corp.         1,293,574         56,866           Tempur Sealy International Inc.         1,153,619         55,431           Sanderson Farms Inc.	*	· ·	·	
Wolverine World Wide Inc.         2,288,125         79,558           Welbit Inc.         3,499,326         78,070           TreeHouse Foods Inc.         1,417,397         74,428           Dana Inc.         3,602,685         72,738           Columbia Sportswear Co.         791,641         72,411           Steven Madden Ltd.         1,322,339         70,216           Hain Celestial Group Inc.         2,329,031         69,405           Edgewell Personal Care Co.         1,366,445         68,951           Helen of Troy Ltd.         679,088         66,556           Lancaster Colony Corp.         481,122         66,597           Boston Beer Co. Inc. Class A         210,774         63,169           TRI Pointe Group Inc.         3,748,368         61,323           KB Home         2,165,275         58,982           Cooper-Standard Holdings Inc.         2,807,078         58,377           Taylor Morrison Home Corp. Class A         2,807,078         58,337           Jasack Foods Corp.         373,215         56,904           Tenneco Inc.         1,293,574         56,866           Tenneur Seally International Inc.         1,147,30         54,124           LCI Industries         514,730         54,124	*		· · · · · · · · · · · · · · · · · · ·	
**         Welblit Inc.         3,499,326         78,070           1 TreeHouse Foods Inc.         1,417,397         74,428           bana Inc.         3,602,685         72,738           Columbia Sportswear Co.         791,641         72,411           Steven Madden Ltd.         1,322,339         70,216           Hain Celestial Group Inc.         2,329,031         69,405           Edgewell Personal Care Co.         1,366,445         68,951           Helen of Troy Ltd.         679,088         66,557           Lancaster Colony Corp.         481,122         66,597           Boston Beer Co. Inc. Class A         210,774         63,169           TRI Pointe Group Inc.         3,748,388         61,323           KB Home         2,165,275         58,982           Cooper-Standard Holdings Inc.         446,753         58,371           Taylor Morrison Home Corp. Class A         2,807,078         58,331           Jayl Snack Foods Corp.         373,215         56,904           Tenneco Inc.         1,293,574         56,866           Lol Industries         514,730         54,124           Lol Industries         514,730         54,124           Lol Industries         1,506,226         51,061 <td></td> <td>, 0</td> <td></td> <td></td>		, 0		
Dana Inc.         3,602,685         72,738           Columbia Sportswear Co.         791,641         72,411           Steven Madden Ltd.         1,322,339         70,216           Hain Celestial Group Inc.         2,329,031         69,405           Edgewell Personal Care Co.         1,366,445         68,851           Helen of Troy Ltd.         679,088         66,856           Lancaster Colony Corp.         481,122         66,597           Boston Beer Co. Inc. Class A         210,774         63,169           TRI Pointe Group Inc.         3,748,368         61,323           KB Home         2,165,275         58,982           Cooper-Standard Holdings Inc.         2,807,078         58,331           Taylor Morrison Home Corp. Class A         2,807,078         58,331           Jak J Snack Foods Corp.         373,215         56,904           Tempur Sealy International Inc.         1,153,619         55,431           Sanderson Farms Inc.         514,730         54,124           LCI Industries         595,227         53,660           Herman Miller Inc.         1,506,226         51,061           Inc.         1,673,348         50,033           Mobit Corp.         663,617         50,282 <tr< td=""><td>*</td><td>Welbilt Inc.</td><td></td><td>,</td></tr<>	*	Welbilt Inc.		,
Columbia Sportswear Co.         791,641         72,411           Steven Madden Ltd.         1,322,339         70,216           Hain Celestial Group Inc.         2,329,031         69,405           Edgewell Personal Care Co.         1,366,445         68,951           Helen of Troy Ltd.         679,088         66,856           Lancaster Colony Corp.         481,122         66,586           Boston Beer Co. Inc. Class A         210,774         63,169           TRI Pointe Group Inc.         3,748,368         61,323           KB Home         2,165,275         58,982           Cooper-Standard Holdings Inc.         446,753         58,377           Taylor Morrison Home Corp. Class A         2,807,078         58,331           J&J Snack Foods Corp.         373,215         56,904           Tempur Sealy International Inc.         1,153,619         55,431           Sanderson Farms Inc.         514,730         54,124           LCI Industries         595,227         53,600           Herman Miller Inc.         1,506,226         51,061           Inc.         1,673,348         50,033           WD-40 Co.         333,497         48,774           Vector Group Ltd.         2,496,675         47,637      <	*			
Steven Madden Ltd.       1,322,339       70,216         Hain Celestial Group Inc.       2,329,031       69,405         Edgewell Personal Care Co.       1,366,445       68,951         Helen of Troy Ltd.       679,088       66,856         Lancaster Colony Corp.       481,122       66,597         Boston Beer Co. Inc. Class A       210,774       63,169         TRI Pointe Group Inc.       3,748,368       61,323         KB Home       2,165,275       58,982         Cooper-Standard Holdings Inc.       446,753       58,371         Taylor Morrison Home Corp. Class A       2,807,078       58,331         J&J Snack Foods Corp.       373,215       56,904         Tenneco Inc.       1,293,574       56,866         Tompur Sealy International Inc.       1,153,619       55,431         Sanderson Farms Inc.       514,730       54,124         LCI Industries       595,227       53,660         Herman Miller Inc.       1,506,226       51,061         ** B&G Foods Inc.       333,497       48,774         Vector Group Ltd.       2,496,675       47,637         Tupperware Brands Corp.       1,140,591       47,038         Borman Products Inc.       683,150       46,666				
***       Hain Celestial Group Inc.       2,329,031       69,405         **       Edgewell Personal Care Co.       1,366,445       68,951         **       Helen of Troy Ltd.       679,088       66,856         **       Lancaster Colony Corp.       481,122       66,597         **       Boston Beer Co. Inc. Class A       210,774       63,169         **       TRI Pointe Group Inc.       3,748,368       61,232         KB Home       2,165,275       58,982         **       Cooper-Standard Holdings Inc.       446,753       58,377         **       Taylor Morrison Home Corp. Class A       2,807,078       58,331         J&J& Snack Foods Corp.       2,807,078       58,331         J&Su Snack Foods Corp.       1,153,619       55,431         **       Tempur Sealy International Inc.       1,293,574       56,866         **       Tempur Sealy International Inc.       1,153,619       55,431         Sanderson Farms Inc.       514,730       54,114       514,730       54,114         LCI Industries       595,227       53,660       51,661       51,662       51,661         **       B&G Foods Inc.       1,673,348       50,033       70,282       70,282       70,282				
Edgewell Personal Care Co.       1,366,445       68,951         Helen of Troy Ltd.       679,088       66,856         Lancaster Colony Corp.       481,122       66,597         Boston Beer Co. Inc. Class A       210,774       63,169         TRI Pointe Group Inc.       3,748,368       61,323         KB Home       2,165,275       58,982         Cooper-Standard Holdings Inc.       446,753       58,377         Taylor Morrison Home Corp. Class A       2,807,078       58,331         J&J Snack Foods Corp.       373,215       56,904         Tenneco Inc.       1,153,619       55,431         Sanderson Farms Inc.       514,730       54,124         LCI Industries       514,730       54,124         LCI Industries       595,227       53,660         Herman Miller Inc.       1,506,226       51,061         ** iRobot Corp.       663,617       50,282         ** B&G Foods Inc.       1,673,348       50,033         WD-40 Co.       333,497       48,774         Yeator Group Ltd.       2,496,675       47,637         Tupperware Brands Corp.       1,140,591       47,038         ** Dorman Products Inc.       683,150       46,666         Medifast	*			
Helen of Troy Ltd.         679,088         66,856           Lancaster Colony Corp.         481,122         66,597           Boston Beer Co. Inc. Class A         210,774         63,169           TRI Pointe Group Inc.         3,748,368         61,323           KB Home         2,165,275         58,982           Cooper-Standard Holdings Inc.         446,753         58,371           Taylor Morrison Home Corp. Class A         2,807,078         58,331           J&J Snack Foods Corp.         373,215         56,904           Tenneco Inc.         1,293,574         56,866           *A         Tempur Sealy International Inc.         1,153,619         55,431           Sanderson Farms Inc.         514,730         54,124           LCI Industries         595,227         53,660           Herman Miller Inc.         1,506,226         51,061           *A         1860 Foods Inc.         1,673,348         50,033           WD-40 Co.         333,497         48,774           Vector Group Ltd.         2,496,675         47,637           Tupperware Brands Corp.         1,140,591         47,038           *B         G-III Apparel Group Ltd.         290,830         46,579           Medifast Inc.         29	*			
Lancaster Colony Corp.       481,122       66,597         * Boston Beer Co. Inc. Class A       210,774       63,169         * TRI Pointe Group Inc.       3,748,368       61,323         KB Home       2,165,275       58,982         * Cooper-Standard Holdings Inc.       446,753       58,377         * Taylor Morrison Home Corp. Class A       2,807,078       58,331         J&J Snack Foods Corp.       373,215       56,904         * Tenneco Inc.       1,293,574       56,866         * Tempur Sealy International Inc.       1,153,619       55,431         Sanderson Farms Inc.       514,730       54,124         LCI Industries       595,227       53,660         Herman Miller Inc.       1,506,226       51,061         * B&G Foods Inc.       1,673,348       50,033         WD-40 Co.       333,497       48,774         Vector Group Ltd.       2,496,675       47,637         Tupperware Brands Corp.       1,140,591       47,038         * Dorman Products Inc.       683,150       46,666         Medifast Inc.       290,830       46,579         * G-III Apparel Group Ltd.       1,000,159       44,407         * Gavco Industries Inc.       213,468       44,327     <	*			
⋅ Boston Beer Co. Inc. Class A       210,774       63,169         ⋅ TRI Pointe Group Inc.       3,748,368       61,323         KB Home       2,165,275       58,982         ⋅ Cooper-Standard Holdings Inc.       446,753       58,377         ⋅ Taylor Morrison Home Corp. Class A       2,807,078       58,331         J&J Snack Foods Corp.       373,215       56,904         Tenneco Inc.       1,293,574       56,866         ⋅ Tempur Sealy International Inc.       1,153,619       55,431         Sanderson Farms Inc.       514,730       54,124         LCI Industries       595,227       53,660         Herman Miller Inc.       1,506,226       51,061         ⋅ IRobot Corp.       663,617       50,282         & B&G Foods Inc.       1,673,348       50,033         WD-40 Co.       333,497       48,774         Vector Group Ltd.       2,496,675       47,637         Tupperware Brands Corp.       1,140,591       47,038         Borman Products Inc.       683,150       46,666         Medifast Inc.       290,830       46,579         Herman Miller Inc.       1,000,159       44,407         Cavco Industries Inc.       213,468       44,327 <td></td> <td></td> <td></td> <td></td>				
KB Home       2,165,275       58,982         Cooper-Standard Holdings Inc.       446,753       58,377         Taylor Morrison Home Corp. Class A       2,807,078       58,331         J&J Snack Foods Corp.       373,215       56,904         Tenneco Inc.       1,293,574       56,866         Tempur Sealy International Inc.       1,153,619       55,431         Sanderson Farms Inc.       514,730       54,124         LCI Industries       595,227       53,660         Herman Miller Inc.       1,506,226       51,061         *A iRobot Corp.       663,617       50,282         B&G Foods Inc.       1,673,348       50,033         WD-40 Co.       333,497       48,774         Vector Group Ltd.       2,496,675       47,637         Tupperware Brands Corp.       1,140,591       47,038         Dorman Products Inc.       683,150       46,666         Medifast Inc.       290,830       46,579         G-III Apparel Group Ltd.       1,000,159       44,407         Cavco Industries Inc.       213,468       44,327	*		210,774	63,169
Cooper-Standard Holdings Inc.       446,753       58,377         Taylor Morrison Home Corp. Class A       2,807,078       58,331         J&J Snack Foods Corp.       373,215       56,904         Tenneco Inc.       1,293,574       56,866         Tempur Sealy International Inc.       1,153,619       55,431         Sanderson Farms Inc.       514,730       54,124         LCI Industries       595,227       53,660         Herman Miller Inc.       1,506,226       51,061         Memoral Miller Inc.       1,506,226       51,061         Medifable Corp.       663,617       50,282         B&G Foods Inc.       1,673,348       50,033         WD-40 Co.       333,497       48,774         Vector Group Ltd.       2,496,675       47,637         Tupperware Brands Corp.       1,140,591       47,038         Dorman Products Inc.       683,150       46,666         Medifast Inc.       290,830       46,566         Medifast Inc.       290,830       46,576         G-Ill Apparel Group Ltd.       1,000,159       44,407         Cavco Industries Inc.       213,468       44,327	*	•		
Taylor Morrison Home Corp. Class A       2,807,078       58,331         J&J Snack Foods Corp.       373,215       56,904         Tenneco Inc.       1,293,574       56,866         ** Tempur Sealy International Inc.       1,153,619       55,431         Sanderson Farms Inc.       514,730       54,124         LCI Industries       595,227       53,660         Herman Miller Inc.       1,506,226       51,061         ** iRobot Corp.       663,617       50,282         ** B&G Foods Inc.       1,673,348       50,033         WD-40 Co.       333,497       48,774         Vector Group Ltd.       2,496,675       47,637         Tupperware Brands Corp.       1,140,591       47,038         * Dorman Products Inc.       683,150       46,666         Medifast Inc.       290,830       46,579         * G-Ill Apparel Group Ltd.       1,000,159       44,407         * Cavco Industries Inc.       213,468       44,327				
J&J Snack Foods Corp.       373,215       56,904         Tenneco Inc.       1,293,574       56,866         *A Tempur Sealy International Inc.       1,153,619       55,431         Sanderson Farms Inc.       514,730       54,124         LCI Industries       595,227       53,660         Herman Miller Inc.       1,506,226       51,061         *A B&G Foods Inc.       663,617       50,282         A B&G Foods Inc.       1,673,348       50,033         WD-40 Co.       333,497       48,774         Vector Group Ltd.       2,496,675       47,637         Tupperware Brands Corp.       1,140,591       47,038         * Dorman Products Inc.       683,150       46,666         Medifast Inc.       290,830       46,579         * G-III Apparel Group Ltd.       1,000,159       44,407         * Cavco Industries Inc.       213,468       44,327	*			
Tenneco Inc.       1,293,574       56,866         ★ Tempur Sealy International Inc.       1,153,619       55,431         Sanderson Farms Inc.       514,730       54,124         LCI Industries       595,227       53,660         Herman Miller Inc.       1,506,226       51,061         ★ B&G Foods Inc.       663,617       50,282         ♦ WD-40 Co.       333,497       48,774         Vector Group Ltd.       2,496,675       47,637         Tupperware Brands Corp.       1,140,591       47,038         ★ Dorman Products Inc.       683,150       46,666         Medifast Inc.       290,830       46,579         ★ G-III Apparel Group Ltd.       1,000,159       44,407         ★ Cavco Industries Inc.       213,468       44,327	-			
*** Tempur Sealy International Inc.       1,153,619       55,431         Sanderson Farms Inc.       514,730       54,124         LCI Industries       595,227       53,660         Herman Miller Inc.       1,506,226       51,061         ** iRobot Corp.       663,617       50,282         A B&G Foods Inc.       1,673,348       50,033         WD-40 Co.       333,497       48,774         Vector Group Ltd.       2,496,675       47,637         Tupperware Brands Corp.       1,140,591       47,038         * Dorman Products Inc.       683,150       46,666         Medifast Inc.       290,830       46,579         * G-III Apparel Group Ltd.       1,000,159       44,407         * Cavco Industries Inc.       213,468       44,327		· ·		
Sanderson Farms Inc.       514,730       54,124         LCI Industries       595,227       53,660         Herman Miller Inc.       1,506,226       51,061         ** iRobot Corp.       663,617       50,282         * B&G Foods Inc.       1,673,348       50,033         WD-40 Co.       333,497       48,774         Vector Group Ltd.       2,496,675       47,637         Tupperware Brands Corp.       1,140,591       47,038         * Dorman Products Inc.       683,150       46,666         Medifast Inc.       290,830       46,579         * G-III Apparel Group Ltd.       1,000,159       44,407         * Cavco Industries Inc.       213,468       44,327	*,^			
LCI Industries       595,227       53,660         Herman Miller Inc.       1,506,226       51,061         ** iRobot Corp.       663,617       50,282         * B&G Foods Inc.       1,673,348       50,033         WD-40 Co.       333,497       48,774         Vector Group Ltd.       2,496,675       47,637         Tupperware Brands Corp.       1,140,591       47,038         * Dorman Products Inc.       683,150       46,666         Medifast Inc.       290,830       46,579         * G-III Apparel Group Ltd.       1,000,159       44,407         * Cavco Industries Inc.       213,468       44,327				
*** iRobot Corp.       663,617       50,282         ** B&G Foods Inc.       1,673,348       50,033         WD-40 Co.       333,497       48,774         Vector Group Ltd.       2,496,675       47,637         Tupperware Brands Corp.       1,140,591       47,038         * Dorman Products Inc.       683,150       46,666         Medifast Inc.       290,830       46,579         * G-III Apparel Group Ltd.       1,000,159       44,407         * Cavco Industries Inc.       213,468       44,327		LCI Industries		
B&G Foods Inc.       1,673,348       50,033         WD-40 Co.       333,497       48,774         Vector Group Ltd.       2,496,675       47,637         Tupperware Brands Corp.       1,140,591       47,038         Dorman Products Inc.       683,150       46,666         Medifast Inc.       290,830       46,579         G-III Apparel Group Ltd.       1,000,159       44,407         Cavco Industries Inc.       213,468       44,327				
WD-40 Co.       333,497       48,774         Vector Group Ltd.       2,496,675       47,637         Tupperware Brands Corp.       1,140,591       47,038         Dorman Products Inc.       683,150       46,666         Medifast Inc.       290,830       46,579         G-III Apparel Group Ltd.       1,000,159       44,407         Cavco Industries Inc.       213,468       44,327		•		
Vector Group Ltd.       2,496,675       47,637         Tupperware Brands Corp.       1,140,591       47,038         Dorman Products Inc.       683,150       46,666         Medifast Inc.       290,830       46,579         G-III Apparel Group Ltd.       1,000,159       44,407         Cavco Industries Inc.       213,468       44,327	^			
Tupperware Brands Corp.       1,140,591       47,038         Dorman Products Inc.       683,150       46,666         Medifast Inc.       290,830       46,579         G-III Apparel Group Ltd.       1,000,159       44,407         Cavco Industries Inc.       213,468       44,327				
Dorman Products Inc.       683,150       46,666         Medifast Inc.       290,830       46,579         G-III Apparel Group Ltd.       1,000,159       44,407         Cavco Industries Inc.       213,468       44,327				
Medifast Inc.       290,830       46,579         G-III Apparel Group Ltd.       1,000,159       44,407         Cavco Industries Inc.       213,468       44,327	*			
* G-III Apparel Group Ltd.       1,000,159       44,407         * Cavco Industries Inc.       213,468       44,327				
* Cavco Industries Inc. 213,468 44,327	*		·	,
Callaway Golf Co. 2,331,077 44,221	*	Cavco Industries Inc.	213,468	44,327
		Callaway Golf Co.	2,331,077	44,221

		Market Value
	Shares	(\$000)
* American Axle & Manufacturing Holdings Inc.	2,815,826	43,814
* Meritage Homes Corp.	963,686	42,354
* Fox Factory Holding Corp.	882,379	41,075
Universal Corp.	620,879	41,009
^ Spectrum Brands Holdings Inc.	492,449	40,194
HNI Corp.	1,075,004	39,990
ACCO Brands Corp.  * Gentherm Inc.	2,622,178	36,317
La-Z-Boy Inc.	914,706 1,167,289	35,948 35,719
Calavo Growers Inc.	367,553	35,719
Interface Inc. Class A	1,515,196	34,774
* USANA Health Sciences Inc.	298,623	34,431
MDC Holdings Inc.	1,118,131	34,405
Cooper Tire & Rubber Co.	1,288,134	33,878
Schweitzer-Mauduit International Inc.	759,895	33,223
Oxford Industries Inc.	397,169	32,957
Fresh Del Monte Produce Inc.	732,277	32,623
* Cal-Maine Foods Inc.	708,389	32,480
* Hostess Brands Inc. Class A	2,358,025	32,460
* National Beverage Corp.	297,148	31,765
*^ Fitbit Inc. Class A	4,662,025	30,443
*^ Fossil Group Inc.	1,125,126	30,232
Seaboard Corp.	7,569	29,994
Winnebago Industries Inc.	718,674	29,178
Nutrisystem Inc.	757,823	29,176
* Crocs Inc.	1,637,446	28,835
* Central Garden & Pet Co. Class A	690,887	27,960
MGP Ingredients Inc.	314,562	27,936
Steelcase Inc. Class A	1,958,176	26,435
*^ LGI Homes Inc.	456,450	26,351
* Sleep Number Corp.	895,170	25,978
* Pilgrim's Pride Corp.	1,271,682	25,599
Dean Foods Co.	2,322,049	24,405
Knoll Inc.	1,147,136	23,872
* Stoneridge Inc.	668,927	23,506
Standard Motor Products Inc.	471,105	22,773
Inter Parfums Inc.	425,083	22,742
Phibro Animal Health Corp. Class A	484,852	22,327
* Vista Outdoor Inc.	1,427,684	22,115
* Modine Manufacturing Co.	1,193,650	21,784
Andersons Inc.	626,339	21,421
* Malibu Boats Inc. Class A	506,995	21,263
Acushnet Holdings Corp.	822,662	20,122
^ Camping World Holdings Inc. Class A	794,209	19,839
* Century Communities Inc.	609,620	19,234
Movado Group Inc.	385,391	18,614
* Glu Mobile Inc.	2,874,185	18,424
* M/I Homes Inc.	683,034	18,087
*^ GoPro Inc. Class A	2,797,638	18,017
* William Lyon Homes Class A	775,740	17,997
* Central Garden & Pet Co.	406,579	17,678
Lennar Corp. Class B	409,984	17,502
Briggs & Stratton Corp.	993,767	17,500
National Presto Industries Inc.	135,875	16,849
* Freshpet Inc.	598,812	16,437
Coca-Cola Bottling Co. Consolidated	115,769	15,644
Tower International Inc.	477,916	15,198
Ethan Allen Interiors Inc.	614,729	15,061
John B Sanfilippo & Son Inc.	200,099	14,897
* Primo Water Corp.	804,867	14,077
Tootsie Roll Industries Inc.	455,251	14,045
Kimball International Inc. Class B	856,458	13,840
Hooker Furniture Corp.	287,151	13,467
Titan International Inc.	1,242,658	13,334

			Market
		Shares	Value (\$000)
*	ZAGG Inc.	753,277	13,032
*	MCBC Holdings Inc.	431,046	12,479
*	Unifi Inc.	378,373	11,994
*	Nautilus Inc.	742,503	11,657
*	Beazer Homes USA Inc.	777,734	11,472
*	Universal Electronics Inc.	332,852	11,001
	Superior Industries International Inc.	603,972	10,811
*	Vera Bradley Inc.	707,043	9,927
*	Motorcar Parts of America Inc.	506,878	9,484
	Johnson Outdoors Inc. Class A	110,155	9,311
	Limoneira Co.	368,022	9,057
*,^	elf Beauty Inc.	568,176	8,659
*	Perry Ellis International Inc.	308,561	8,384
*,^	Flexsteel Industries Inc. 22nd Century Group Inc.	195,786 3,168,812	7,812 7,795
*	Farmer Brothers Co.	250,444	7,795 7,651
	Bassett Furniture Industries Inc.	250,444	7,631
	Turning Point Brands Inc.	208,702	6,658
	Culp Inc.	267,120	6,558
	Hamilton Beach Brands Holding Co. Class A	224,615	6,525
*	Seneca Foods Corp. Class A	228,990	6,183
	Skyline Champion Corp.	174,164	6,103
	Weyco Group Inc.	165,184	6,013
*	Hovnanian Enterprises Inc. Class A	3,528,723	5,752
	Rocky Brands Inc.	185,059	5,552
*,^	PolarityTE Inc.	235,638	5,547
*	Craft Brew Alliance Inc.	267,325	5,520
	Oil-Dri Corp. of America	129,438	5,455
*	Clarus Corp.	601,618	4,963
	Superior Group of Cos. Inc.	231,336	4,791
	Libbey Inc.	585,475	4,760
*,^	Vuzix Corp.	592,062	4,411
	Lifetime Brands Inc.	336,352	4,255
*	New Home Co. Inc.	420,530	4,193
*	Alliance One International Inc.	252,523	4,003
*,^	Revion Inc. Class A	207,651	3,644
	Marine Products Corp.	192,480	3,422
*	Shiloh Industries Inc.	389,356	3,387
*,^	Jamba Inc.	303,128	3,228
*,^	Castle Brands Inc. Lakeland Industries Inc.	2,686,731 200,276	3,197 2,834
	Escalade Inc.	193,788	2,732
	Strattec Security Corp.	88,294	2,697
* ^	Akoustis Technologies Inc.	370,402	2,693
,	Core Molding Technologies Inc.	187,022	2,671
*	Delta Apparel Inc.	137,842	2,667
*,^	Eastman Kodak Co.	665,683	2,530
*,^	Funko Inc. Class A	192,360	2,414
	Alico Inc.	71,437	2,265
*,^	RiceBran Technologies	1,012,677	2,187
*	Nature's Sunshine Products Inc.	221,552	2,072
	Kewaunee Scientific Corp.	56,675	2,037
	Rocky Mountain Chocolate Factory Inc.	173,764	1,988
*	JAKKS Pacific Inc.	566,895	1,857
*,^	S&W Seed Co.	562,635	1,829
*	Lifevantage Corp.	283,359	1,805
*	Natural Alternatives International Inc.	175,779	1,784
*,^	Blink Charging Co.	325,521	1,670
*,^	Veru Inc.	781,750	1,579
	Crown Crafts Inc.	274,576	1,565
*,^	Sequential Brands Group Inc.	791,041	1,558
*,^	Iconix Brand Group Inc.	2,554,939	1,491
	Unique Fabricating Inc.	159,609	1,395
*,^	Orchids Paper Products Co.	328,747	1,308

		Shares	Market Value (\$000)
	Acme United Corp.	59,859	1,242
*,^	Celsius Holdings Inc.	269,229	1,238
*,^	Differential Brands Group Inc.	277,853	1,070
	Virco Manufacturing Corp.	227,507	1,012
*	Alpha Pro Tech Ltd.	293,460	983
*	US Auto Parts Network Inc.	640,927	961
*,^	New Age Beverages Corp.	455,352	852
*	Tandy Leather Factory Inc. Coffee Holding Co. Inc.	93,919 130,802	733 706
*	Vince Holding Corp.	42,432	700
	LS Starrett Co. Class A	105,296	674
*,^	Nova Lifestyle Inc.	403.061	673
*	Dixie Group Inc.	271,685	625
*,^	Lipocine Inc.	471,782	613
*	Lifeway Foods Inc.	116,677	587
*	Willamette Valley Vineyards Inc.	64,597	552
*	Zedge Inc. Class B	143,177	538
*,^	Reed's Inc.	176,831	504
*	Avon Products Inc.	272,240	441
	Mannatech Inc.	19,579	401
*	Charles & Colvard Ltd.	212,413	227
*	Emerson Radio Corp.	153,609	224
*	Summer Infant Inc.	149,701	208
	P&F Industries Inc. Class A	19,303	168
*,^	Cherokee Inc.	222,325	124
*	Bridgford Foods Corp.	6,897	94
*	Cyanotech Corp.	23,496	92
	Ocean Bio-Chem Inc.	22,278	80
	CompX International Inc.	5,846	77
*,^	CTI Industries Corp.	14,046	60
*	CDTi Advanced Materials Inc. Koss Corp.	102,033 17,633	59 41
*	CCA Industries Inc.	14,100	41
*	Hovnanian Enterprises Inc. Class B	19,300	31
*,^	Level Brands Inc.	8,000	30
Cor	nsumer Services (13.2%)		56,391,602
*	Amazon.com Inc.	10,323,574	17,548,011
	Home Depot Inc.	28,871,767	5,632,882
*	Netflix Inc.	10,336,108	4,045,863
	Comcast Corp. Class A	114,928,401	3,770,801
	Walt Disney Co.	35,434,316	3,713,871
	Walmart Inc.	36,955,972	3,165,279
	McDonald's Corp.	19,651,519	3,079,197
*	Booking Holdings Inc.	1,205,582	2,443,823
	Costco Wholesale Corp.	10,982,709	2,295,167
	Lowe's Cos. Inc.	19,632,788	1,876,306
	CVS Health Corp.	25,437,421	1,636,898
	Starbucks Corp.	32,807,936	1,602,668
	TJX Cos. Inc.	14,905,796	1,418,734
	Twenty-First Century Fox Inc. Class A	26,349,332	1,309,298
	Walgreens Boots Alliance Inc.	21,091,597	1,265,812
	Charter Communications Inc. Class A Target Corp.	4,159,841 13,339,643	1,219,707
*	eBay Inc.	23,609,940	1,015,414 856,096
	Marriott International Inc. Class A	23,609,940 6,641,981	840,875
	Ross Stores Inc.	9,478,247	803,281
	Sysco Corp.	11,729,129	800,982
	Delta Air Lines Inc.	15,802,012	782,832
	Las Vegas Sands Corp.	9,878,136	754,294
	McKesson Corp.	5,160,559	688,419
	Southwest Airlines Co.	13,062,251	664,607
	Dollar General Corp.	6,722,447	662,833
	Yum! Brands Inc.	8,089,001	632,722

			Market Value
		Shares	(\$000)
	Twenty-First Century Fox Inc.	12,018,985	592,175
	Hilton Worldwide Holdings Inc.	7,471,663	591,457
	Carnival Corp.	10,024,001	574,475
*	Kroger Co.	20,120,625	572,432
	O'Reilly Automotive Inc. Dollar Tree Inc.	2,049,573 5,949,497	560,702 505,707
	CBS Corp. Class B	8,532,460	479,695
*	AutoZone Inc.	673,114	451,612
	Best Buy Co. Inc.	5,997,564	447,298
	Royal Caribbean Cruises Ltd.	4,242,134	439,485
	Omnicom Group Inc.	5,700,066	434,744
*	United Continental Holdings Inc.	5,891,560	410,818
	Wynn Resorts Ltd.	2,446,749	409,439
	American Airlines Group Inc.	10,551,317	400,528
	Tiffany & Co.	2,950,404	388,273
	Cardinal Health Inc.	7,777,791	379,790
	Expedia Group Inc.	3,095,478	372,045
	MGM Resorts International	12,546,437	364,223
*	AmerisourceBergen Corp. Class A Ulta Beauty Inc.	4,116,500	351,014
	Darden Restaurants Inc.	1,437,725 3,093,600	335,651 331,201
*,^	CarMax Inc.	4,466,501	325,474
,	Kohl's Corp.	4,205,637	306,591
	Domino's Pizza Inc.	1,059,172	298,867
	Macy's Inc.	7,661,616	286,774
*	Copart Inc.	4,965,186	280,831
	Vail Resorts Inc.	1,011,835	277,435
	Nielsen Holdings plc	8,904,409	275,413
	Viacom Inc. Class B	9,129,796	275,355
*	Chipotle Mexican Grill Inc. Class A	626,819	270,391
*	Burlington Stores Inc.	1,702,214	256,234
*	Norwegian Cruise Line Holdings Ltd.	5,053,539	238,780
*	Advance Auto Parts Inc.	1,758,146	238,580
	GrubHub Inc. Tractor Supply Co.	2,260,831 3,065,764	237,184 234,500
*	Qurate Retail Group Inc. QVC Group Class A	11,039,726	234,263
	Aramark	6,138,193	227,727
	Interpublic Group of Cos. Inc.	9,686,245	227,046
	Gap Inc.	6,809,680	220,566
	L Brands Inc.	5,928,898	218,658
*	ServiceMaster Global Holdings Inc.	3,388,505	201,514
	FactSet Research Systems Inc.	969,299	192,018
^	Sirius XM Holdings Inc.	28,010,220	189,629
	News Corp. Class A	12,050,263	186,779
	Alaska Air Group Inc.	3,082,078	186,127
*	KAR Auction Services Inc. Discovery Communications Inc.	3,362,580	184,269
*	DISH Network Corp. Class A	7,225,156 5,435,041	184,241 182,672
*	Liberty Media Corp-Liberty SiriusXM C	5,435,041 3,972,836	180,208
*	Liberty Media Corp-Liberty SindsAM C  Liberty Media Corp-Liberty Formula One	4,688,621	174,088
*	Caesars Entertainment Corp.	15,617,072	167,103
*	Live Nation Entertainment Inc.	3,399,382	165,108
	Service Corp. International	4,362,210	156,123
	Foot Locker Inc.	2,959,491	155,817
	Nordstrom Inc.	2,934,034	151,924
*	JetBlue Airways Corp.	7,904,828	150,034
*	Bright Horizons Family Solutions Inc.	1,447,569	148,405
*	TripAdvisor Inc.	2,654,931	147,906
	Wyndham Hotels & Resorts Inc.	2,485,224	146,206
*	Dunkin' Brands Group Inc.	2,096,013	144,772
*,^	Madison Square Garden Co. Class A	455,174 5,092,007	141,190 120,795
-,^	Discovery Communications Inc. Class A Sabre Corp.	5,083,097 5,480,671	139,785 135,044
*	Grand Canyon Education Inc.	1,200,666	134,006
	Grand Garryon Education inc.	1,200,000	104,000

			Market
		Shares	Value (\$000)
_	D. III.		
*	Rollins Inc. Five Below Inc.	2,472,212 1,330,208	129,989 129,975
	Chemed Corp.	399,155	128,452
	Six Flags Entertainment Corp.	1,789,474	125,353
	H&R Block Inc.	5,229,900	119,137
	Williams-Sonoma Inc.	1,887,181	115,835
	Dun & Bradstreet Corp.	921,992	113,082
	Wyndham Destinations Inc.	2,485,227	110,021
	Extended Stay America Inc.	5,067,717	109,513
*	Stamps.com Inc.	426,427	107,907
*	Liberty Media Corp-Liberty SiriusXM A	2,391,558	107,740
*	Etsy Inc.	2,548,481	107,520
	Texas Roadhouse Inc. Class A	1,599,994	104,816
*	Weight Watchers International Inc.	993,246	100,417
*	Casey's General Stores Inc. Planet Fitness Inc. Class A	940,526 2,190,237	98,830 96,239
*	Ollie's Bargain Outlet Holdings Inc.	1,323,476	95,952
	New York Times Co. Class A	3,677,323	95,243
^	Cracker Barrel Old Country Store Inc.	597,104	93,274
	Dolby Laboratories Inc. Class A	1,487,837	91,785
	American Eagle Outfitters Inc.	3,946,256	91,750
	Cinemark Holdings Inc.	2,609,775	91,551
*	Performance Food Group Co.	2,488,033	91,311
	Cable One Inc.	121,784	89,303
	ILG Inc.	2,612,667	86,296
*	Urban Outfitters Inc.	1,906,335	84,927
*	SiteOne Landscape Supply Inc.	998,249	83,823
*	Hilton Grand Vacations Inc.	2,414,288	83,776
	Hyatt Hotels Corp. Class A	1,071,644	82,677
	Signet Jewelers Ltd.	1,477,424	82,366
	Wendy's Co.	4,753,969	81,673
	Churchill Downs Inc. Nexstar Media Group Inc. Class A	269,719 1,077,055	79,972 79,056
*	Yelp Inc. Class A	1,999,986	78,359
	Aaron's Inc.	1,768,960	76,861
	Tribune Media Co. Class A	1,954,995	74,818
*	Shutterfly Inc.	829,934	74,719
*	AMC Networks Inc. Class A	1,163,938	72,397
*,^	Trade Desk Inc. Class A	770,565	72,279
*	AutoNation Inc.	1,487,499	72,263
*	Beacon Roofing Supply Inc.	1,695,160	72,248
*	Adtalem Global Education Inc.	1,498,999	72,102
	AMERCO	199,390	71,013
*	Chegg Inc.	2,528,764	70,274
*	Sprouts Farmers Market Inc.	3,183,306	70,256
	World Wrestling Entertainment Inc. Class A	960,274	69,927
*	John Wiley & Sons Inc. Class A Penn National Gaming Inc.	1,119,902 2,044,025	69,882 68,659
	Boyd Gaming Corp.	1,972,010	68,350
*,^	RH	482,468	67,401
	Dick's Sporting Goods Inc.	1,907,178	67,228
	Hillenbrand Inc.	1,420,435	66,974
*	Scientific Games Corp.	1,355,182	66,607
	Bed Bath & Beyond Inc.	3,327,752	66,305
	Choice Hotels International Inc.	852,832	64,474
	SkyWest Inc.	1,229,618	63,817
	Graham Holdings Co. Class B	108,355	63,507
*	Spirit Airlines Inc.	1,708,935	62,120
	Morningstar Inc.	478,929	61,423
	Jack in the Box Inc.	719,674	61,259
*	Sotheby's	1,123,198	61,035
*	Liberty Expedia Holdings Inc. Class A PriceSmart Inc.	1,367,965	60,108
	Marriott Vacations Worldwide Corp.	659,454 525,768	59,681 59,391
	iviamoti vacations vvonuvvide corp.	525,768	৩৬,১৬।

			Market
			Value
		Shares	(\$000)
*	Murphy USA Inc.	797,870	59,274 50,127
	Sinclair Broadcast Group Inc. Class A TEGNA Inc.	1,839,410 5,395,677	59,137 58.543
	Red Rock Resorts Inc. Class A	1,737,107	58,193
	Lions Gate Entertainment Corp. Class B	2,433,929	57,100
*	Acxiom Corp.	1,901,345	56,945
	Cheesecake Factory Inc.	1,026,421	56,515
*	Eldorado Resorts Inc.	1,444,998	56,499
*	Avis Budget Group Inc.	1,723,000	55,997
	Lithia Motors Inc. Class A	590,537	55,847
*	United Natural Foods Inc.	1,266,751	54,040
^	Altice USA Inc. Class A	3,110,926	53,072
*	Brinker International Inc. Michaels Cos. Inc.	1,113,515	53,003
*	Cars.com Inc.	2,756,810 1,783,084	52,848 50,622
	Meredith Corp.	986,043	50,022
*	Sally Beauty Holdings Inc.	3,039,059	48,716
	Children's Place Inc.	396,860	47,941
*	Dave & Buster's Entertainment Inc.	1,007,068	47,936
*,^	Pandora Media Inc.	6,061,994	47,769
*,^	Rite Aid Corp.	26,644,464	46,095
	Matthews International Corp. Class A	783,157	46,050
*	Groupon Inc. Class A	10,567,625	45,441
	Monro Inc.	780,998	45,376
*	Pinnacle Entertainment Inc.	1,342,875	45,295
	Allegiant Travel Co. Class A DSW Inc. Class A	323,876 1,714,525	45,003 44,269
	Hawaiian Holdings Inc.	1,714,525	44,209
	Big Lots Inc.	1,043,604	43,602
*,^	Cargurus Inc.	1,204,123	41,831
	Abercrombie & Fitch Co.	1,696,456	41,529
	Bloomin' Brands Inc.	2,060,823	41,423
*	Rush Enterprises Inc. Class A	942,792	40,898
	Penske Automotive Group Inc.	861,170	40,346
	Wingstop Inc.	727,032	37,893
	Lions Gate Entertainment Corp. Class A	1,476,087	36,636
*	Asbury Automotive Group Inc.	520,990	35,714
	Diplomat Pharmacy Inc. GameStop Corp. Class A	1,379,883 2,419,613	35,270 35,254
	Office Depot Inc.	13,648,016	34,802
*	MSG Networks Inc.	1,441,953	34,535
*	Herc Holdings Inc.	610,906	34,418
*,^	Shake Shack Inc. Class A	516,548	34,185
	Caleres Inc.	967,520	33,273
	Dine Brands Global Inc.	428,514	32,053
	Sonic Corp.	916,068	31,531
	Group 1 Automotive Inc.	497,102	31,317
*,^	Roku Inc.	734,147	31,289
	Tailored Brands Inc.	1,222,819	31,206
*	Gray Television Inc.	1,968,613	31,104
*	BJ's Restaurants Inc. At Home Group Inc.	515,824	30,949
	Strayer Education Inc.	784,230 271,161	30,703 30,644
	Guess? Inc.	1,427,129	30,541
*	National Vision Holdings Inc.	832,576	30,447
*,^	Carvana Co. Class A	713,725	29,691
	Gannett Co. Inc.	2,759,715	29,529
*	SeaWorld Entertainment Inc.	1,341,371	29,269
	Papa John's International Inc.	576,340	29,232
^	Dillard's Inc. Class A	307,434	29,053
*	Liberty TripAdvisor Holdings Inc. Class A	1,772,948	28,544
_	Capella Education Co.	284,618	28,092
*	Liberty Media Corp-Liberty Formula One Class A	782,552 610,031	27,632
	Scholastic Corp.	618,931	27,425

Shares	Market Value
Cucinet Technology Inc.         1,982,018           Laureate Education Inc. Class A         17,810,755           International Speedway Corp. Class A         17,800,780           New Media Investment Group Inc.         60,372           Core-Mark Holding Co. Inc.         1,099,716           Chico's FAS Inc.         3,048,892           Denny's Corp.         1,539,320           A MCI Homeservices Inc. Class A         1,575,216           Belmond Ltd. Class A         1,575,216           Belmond Ltd. Class A         1,575,216           Liberty Media Corp-Liberty Braves         871,063           Providence Service Corp.         282,349           Simply Good Foods Co.         1,539,999           Spartan/Bash Co.         1,536,123           A MC Entertainment Holdings Inc. Class A         1,346,123           Hertz Global Holdings Inc.         1,350,003           PetWed Express Inc.         475,897           Ruth's Hospitality Group Inc.         371,440           Wiss Markets Inc.         371,440           Hought on Mifflin Harcurt Co.         2,574,426           S PP Plus Corp.         52,239           G enesco Inc.         1,286,675           Party City Holdico Inc.         1,302,910           LW Serry Co	(\$000)
Lucraete Education Inc. Class A         1,810,715           International Speedway Cyrc. Class A         577,800           New Media Investment Group Inc.         1,393,345           Core-Mark Holding Co. Inc.         1,099,716           Chico's FAS Inc.         3,048,992           Denny's Corp.         1,539,3220           ANGI Homesevrices Inc. Class A         2,043,090           Liberty Medic Corp-Liberty Braves         881,000           Providence Service Corp.         282,349           Simply Good Foods Co.         86,726           Spotata Nash Co.         866,726           AMC Entertainment Holdings Inc. Class A         1,346,123           Hortz Global Holdings Inc.         1,359,999           Spotata Nash Co.         866,726           AMC Entertainment Holdings Inc. Class A         1,346,123           Hortz Global Holdings Inc.         1,359,979           PetMed Express Inc.         371,140           Wois Markets Inc.         371,140           Houghton Miffili Harcourt Co.         2,574,426           XO Group Inc.         25,438           Buckle Inc.         371,440           Wois Markets Inc.         325,439           SP Plus Corp.         252,339           Genesco Inc.         4,25	26,022
International Speedway Corp. Class A   1,390,345	25,964
New Media Investment Group Inc.         1,39,345           Core- Mark Holding Co. Inc.         1,699,716           Cheo's FAS Inc.         3,048,892           Denny's Corp.         1,539,320           ANGI Homesenvices Inc. Class A         2,043,090           Iberny Media Corp-Liberty Braves         2871,063           Providence Service Corp.         282,349           Simply Good Foods Co.         35,729,999           SpartanNash Co.         85,726           AMC Entertainment Holdings Inc. Class A         1,346,123           Hortz Global Holdings Inc.         33,117           PetMed Express Inc.         475,897           Ruth's Hospitality Group Inc.         371,440           Weis Markets Inc.         371,440           Hortz Global Holdings Inc.         371,440           Houghton Mifflin Harcourt Co.         2,574,426           XO Group Inc.         371,440           Buckle Inc.         725,438           SP Plus Corp.         322,339           Genesco Inc.         444,485           TrueCar Inc.         1,198,631           SUPERWALU Inc.         897,197           Party City Holdoo Inc.         7,340,204           Voverstock.com Inc.         364,833           Ascen	25,948
*** Trupanion Inc.         680,372           Core-Mark Holding Co. Inc.         1,099,716           Chico's FAS Inc.         3,048,892           Denny's Corp.         1,539,320           AMGI Homeservices Inc. Class A         1,575,216           Belmond Ltc. Class A         2,043,090           Liberty Media Corp-Liberty Braves         871,063           Simple Good Foods Co.         1,529,989           SpartanNash Co.         485,676           AMC Entertainment Holdings Inc. Class A         1,340,003           Hertz Global Holdings Inc.         1,380,003           Perfided Express Inc.         475,887           Ruth's Hospitality Group Inc.         475,887           Wisi Markets Inc.         371,440           Houghton Mifflin Harcourt Co.         5274,426           V. Of Group Inc.         725,438           Buckle Inc.         912,449           Buckle Inc.         912,449           Buckle Inc.         92,239           Buckle Inc.         92,249	25,828
Core-Mark Holding Co. Inc.         1,099,716           Chio's FAS Inc.         3,048,892           Denny's Corp.         1,539,320           ANGI Homeservices Inc. Class A         1,575,216           Belmond Ltd. Class A         2,043,090           Liberty Media Corp-Liberty Braves         871,063           Providence Service Corp.         382,349           Simply Good Foods Co.         1,529,999           SpartanNash Co.         366,726           AMC Entertainment Holdings Inc. Class A         1,346,123           Hertz Global Holdings Inc.         1,380,083           Pettly Ed Express Inc.         1,380,083           Pettly Explainty Group Inc.         375,117           Weis Markets Inc.         371,440           Young Inc.         371,442           Buckle Inc.         152,499           Buckle Inc.         152,438           SPP Plus Corp.         522,939           Buckle Inc.         1,382,675           SUPERNAULI Inc.         1,382,675           SUPERNAULI Inc.         1,362,910           Party City Holdeo Inc.         1,362,910           Lumber Liquidators Holdings Inc.         709,771           Lumber Liquidators Holdings Inc.         1,362,910           Lumb	25,694
Chico's FAS Inc.         3,048,892           Denny's Corp.         1,539,320           ANGI Homeservices Inc. Class A         1,575,216           Bellmond Ltd. Class A         2,043,090           Liberty Media Corp-Liberty Braves         871,063           Providence Service Corp.         282,349           Simply Good Foods Co.         1,529,969           SpartanNash Co.         866,726           AMC Entertainment Holdings Inc. Class A         1,346,123           Hertz Global Holdings Inc.         1,380,083           PetMed Express Inc.         475,897           Ruth's Hospitality Group Inc.         371,440           Houghton Mifflin Harcourt Co.         2,574,426           WO Group Inc.         152,239           Genesco Inc.         725,438           SP Plus Corp.         522,239           Genesco Inc.         484,485           SP Plus Corp.         522,239           Genesco Inc.         484,485           SUPERVALU Inc.         897,197           Valve Frey Holdeo Inc.         1,198,871           EV Scripps Co. Class A         1,362,910           Valve Veryps Co. Inc.         7,340,204           Valve Veryps Co. Inc.         9,417,312           Jumber Liquidators	25,490
Denny's Corp.         1,539,320           ANCH Momeservices Inc. Class A         2,043,090           Bellmond Ltd. Class A         2,043,090           Providence Service Corp.         282,349           Providence Service Corp.         282,349           Simply Good Foods Co.         1,529,398           SpartanNash Co.         386,776           AWC Entertainment Holdings Inc. Class A         1,346,123           Hertz Global Holdings Inc.         1,380,833           PetIMed Express Inc.         476,897           Ruth's Hospitality Group Inc.         371,147           Weis Markets Inc.         371,147           VO Group Inc.         371,442           Buckle Inc.         775,438           S PP Ilvs Corp.         522,399           Genesco Inc.         484,485           Truce'ar Inc.         1,382,675           SUPERNAUL Inc.         1,372,797           Party City Holdeo Inc.         1,372,910           EW Sorpsp. Co. Class A         1,362,910           LWB Sorpsp.	24,964
ANGI Homeservices Inc. Class A         1,575,216           Bellmond Ltd. Class A         2,043,990           Liberty Media Corp-Liberty Braves         871,063           Simply Good Foods Co.         1,529,969           SpartanNash Co.         456,726           AMC Entertainment Holdings Inc. Class A         1,346,123           Hertz Clobal Holdings Inc.         475,897           Ruth's Hospitality Group Inc.         475,897           Ruth's Hospitality Group Inc.         371,440           Weis Markets Inc.         371,440           Houghton Mifflin Harcourt Co.         2,574,426           XO Group Inc.         612,449           Buckle Inc.         725,438           SP Plus Corp.         522,939           Genesco Inc.         1,828,675           Truc Car Inc.         1,828,675           SUPERVALU Inc.         897,197           Party City Holdido Inc.         1,198,631           EW Scripps Co. Class A         1,362,910           Lumber Liquidators Holdings Inc.         709,771           J. J. Penney Co. Inc.         7,340,204           Ascens Retail Group Inc.         4,147,512           Express Inc.         1,800,714           American Public Education Inc.         1,907,094	24,818
Belmond Lrd. Class A         2,043,090           Liberty Media Corp-Liberty Braves         871,083           Providence Service Corp.         282,349           Simply Good Foods Co.         856,726           AMC Entertainment Holdings Inc. Class A         1,346,123           Hertz Clobal Holdings Inc.         1,380,083           PetMed Express Inc.         475,897           Ruth's Hospitality Group Inc.         735,117           Weis Markets Inc.         371,440           Hought on Mifflin Harcourt Co.         2,574,426           XO Group Inc.         612,449           Buckle Inc.         725,438           SP Plus Corp.         612,449           Buckle Inc.         725,438           SP Plus Corp.         522,939           Genesco Inc.         484,485           TrueCar Inc.         1,826,675           SUPERVALU Inc.         1,826,675           SUPERVALU Inc.         1,826,675           VERYENGER Onc.         7,947,777           J. Zeroney Co. Class A         1,936,2910           Lumber Liquidators Holdings Inc.         7,947,202           J. Zeroney Co. Inc.         7,940,204           Overstock.com Inc.         1,907,971           J. Zeroney Co. Inc.         <	24,521
Liberty Media Corp-Liberty Braves         87, 1063           Providence Service Corp.         282, 249           Simply Good Foods Co.         1,529,669           SpartanNash Co.         385, 726           AMC Entertalment Holdings Inc. Class A         1,346, 123           Hertz Global Holdings Inc.         478, 897           Ruth's Hospitality Group Inc.         478, 897           Ruth's Hospitality Group Inc.         371, 440           Weis Markets Inc.         371, 440           Houghton Mifflin Harcourt Co.         2, 574, 426           XO Group Inc.         612, 449           Buckle Inc.         725, 438           SP Plus Corp.         522, 939           Genesco Inc.         484, 486           TrueCar Inc.         897, 197           SUPERNAUL Inc.         897, 197           Party City Holdoo Inc.         1,198, 631           EW Scripps Co. Class A         1,380, 910           Lumber Liquidators Holdings Inc.         709,771           J CP Penney Co. Inc.         7,340, 204           J OP Penney Co. Inc.         804, 833           L Scene Retail Group Inc.         1,907, 904           Express Inc.         1,907, 904           Express Inc.         1,907, 904	24,227
Providence Service Corp.         282,349           Simply Good Foods Co.         1,529,969           SpartanNash Co.         856,726           AMC Entertainment Holdings Inc. Class A         1,346,123           Hertz Global Holdings Inc.         1,380,083           PetWed Express Inc.         1,380,083           Ruth's Hospitality Group Inc.         75,117           Weis Markets Inc.         371,440           Houghton Mifflin Harcourt Co.         2,574,426           XO Group Inc.         612,449           Buckle Inc.         725,438           SP Plus Corp.         612,449           Buckle Inc.         725,438           SP Plus Corp.         522,939           Genesco Inc.         484,485           TrueCar Inc.         1,828,675           SUPERVALU Inc.         897,197           Party City Holdco Inc.         1,198,631           EW Scripps Co. Class A         1,198,631           Lumber Liquidators Holdings Inc.         709,771           J. D'enney Co. Inc.         7,340,204           Overstock com Inc.         1,307,211           Owerstock com Inc.         1,417,312           Express Inc.         1,800,714           Renth Target Inc.         568,863	22,780
Simply Good Foods Co.         1,529,989           SpartanNalsh Co.         856,726           AMC Entertainment Holdings Inc. Class A         1,346,123           Hertz Global Holdings Inc.         1,380,083           PetMed Express Inc.         475,897           Ruth's Hospitality Group Inc.         735,117           Weis Markets Inc.         371,440           Houghton Mifflin Harcourt Co.         2,574,426           XO Group Inc.         612,449           Buckle Inc.         725,438           SP Plus Corp.         522,939           Genesco Inc.         484,485           TrucCar Inc.         1,828,675           SUPERVALU Inc.         897,197           Party City Holdeo Inc.         1,198,631           EW Scripps Co. Class A         1,362,910           Lumber Liquidators Holdings Inc.         709,771           J C Penney Co. Inc.         7,340,204           Voerstock com Inc.         504,833           A Scene Retail Group Inc.         1,800,714           A Renta-Center Inc.         1,800,714           Renta-Center Inc.         566,863           Chefs' Warshouse Inc.         556,023           K12 Inc.         957,881           Red Robin Gournet Burgers Inc.	22,526
SpartanNash Co.         866,726           AMC Entretainment Holdings Inc.         1,346,123           Hertz Global Holdings Inc.         1,380,083           PetMed Express Inc.         475,897           Ruth's Hospitalify Group Inc.         373,117           Weis Markets Inc.         371,440           Houghton Mifflin Harcourt Co.         2,574,426           XO Group Inc.         612,449           Buckle Inc.         725,438           SP Plus Corp.         522,939           Genesco Inc.         484,485           TrueCar Inc.         1,986,631           EW Scripps Co. Class A         1,362,910           Lumber Liquidators Holdings Inc.         709,771           V Denney Co. Inc.         7,340,204           Overstock.com Inc.         7,340,204           Overstock.com Inc.         7,340,204           Overstock.com Inc.         7,340,204           Ascena Fetail Group Inc.         4,147,312           Express Inc.         1,800,714           American Public Education Inc.         1,907,714           Red Robin Gourmet Burgers Inc.         1,907,094           TechTarget Inc.         566,863           Chefs' Warehouse Inc.         554,023           K12 Inc. <td< td=""><td>22,179</td></td<>	22,179
MMC Entertainment Holdings Inc. Class A         1,346,123           Hertz Global Holdings Inc.         1,380,083           PetMed Express Inc.         375,117           Weis Markets Inc.         371,440           Houghton Mifflin Harcourt Co.         2,574,426           XO Group Inc.         612,449           Buckle Inc.         725,438           SP Plus Corp.         522,939           Genesco Inc.         484,485           TrueCar Inc.         1,828,675           SUPERNAU Unc.         897,197           Party City Holdoo Inc.         1,198,631           EW Scripps Co. Class A         1,362,910           Lumber Liquidators Holdings Inc.         709,771           J Penney Co. Inc.         7,340,204           Overstock.com Inc.         504,833           Ascena Retail Group Inc.         4,147,312           Express Inc.         1,800,714           Rent-A-Center Inc.         1,097,094           TochTarget Inc.         566,863           K12 Inc.         957,881           Red Robin Gournet Burgers Inc.         326,440           National CineMedia Inc.         458,965           Fiesta Restaurant Group Inc.         458,965           Marcus Corp.         451,139	22,093
Hettz Global Holdings Inc.         1,380,083           PetMed Express Inc.         375,897           Ruth's Hospitality Group Inc.         735,117           Weis Markets Inc.         371,440           No Group Inc.         612,449           Buckle Inc.         612,449           Buckle Inc.         522,939           Genesco Inc.         522,939           Genesco Inc.         484,485           Party City Holdco Inc.         1,828,675           SUPERVALU Inc.         887,197           Party City Holdco Inc.         1,382,910           EW Scripps Co. Class A         1,362,910           Verstock com Inc.         7,340,204           Overstock com Inc.         7,340,204           Overstock com Inc.         1,417,312           Express Inc.         1,100,714           American Public Education Inc.         386,114           Rent-A-Center Inc.         1,097,094           Tech Farget Inc.         566,863           Chefs' Warehouse Inc.         554,023           K12 Inc.         554,023           Red Robin Gournet Burgers Inc.         326,440           National Cine Media Inc.         458,965           Fiesta Restaurant Group Inc.         458,965 <t< td=""><td>21,864</td></t<>	21,864
PetMed Express Inc.         475,897           Ruth's Hospitality Group Inc.         735,117           Weis Markets Inc.         371,440           Houghton Mifflin Harcourt Co.         2,574,426           XO Group Inc.         612,449           Buckle Inc.         725,438           SP Plus Corp.         522,939           Genesco Inc.         484,485           TrueCar Inc.         1,828,675           SUPERVAU Inc.         897,197           Party City Holdco Inc.         1,198,631           EW Scripps Co. Class A         1,362,910           Lumber Liquidators Holdings Inc.         799,771           JC Penney Co. Inc.         7,340,204           Overstock com Inc.         504,833           Ascena Retail Group Inc.         1,180,714           Express Inc.         4,147,312           Express Inc.         1,207,004           Techtarget Inc.         386,114           Rent-A-Center Inc.         566,863           Chefs' Warehouse Inc.         566,863           K12 Inc.         566,863           K2 Conn's Inc.         566,863           K12 Inc.         566,863           K12 Inc.         566,863           K12 Inc.         687,695 <td>21,403</td>	21,403
Ruth's Hospitality Group Inc.         735,117           Weis Markets Inc.         371,440           Houghton Mifflin Harcourt Co.         2,574,426           XO Group Inc.         612,449           Buckle Inc.         725,438           SP Plus Corp.         522,939           Genesco Inc.         484,485           TrueCar Inc.         1,828,675           SUFERVALU Inc.         897,197           Party City Holdco Inc.         1,198,631           EW Scripps Co. Class A         1,362,910           Voerstock.com Inc.         70,340,204           Voerstock.com Inc.         504,833           A Ascena Retail Group Inc.         1,800,714           Express Inc.         1,800,714           A merican Public Education Inc.         386,114           Rent-A-Center Inc.         1,997,094           TechTarget Inc.         566,863           Chefs' Warehouse Inc.         354,023           K12 Inc.         957,881           Red Robin Gourmet Burgers Inc.         326,440           National CineMedia Inc.         458,965           Fiesta Restaurant Group Inc.         458,965           Fiesta Restaurant Group Inc.         666,665           Marcus Corp.         687,039     <	21,170
Weis Markets Inc.         371,440           Houghton Mifflin Harcourt Co.         2,574,426           XO Group Inc.         612,449           Buckle Inc.         725,438           SP Plus Corp.         522,939           Genesco Inc.         484,485           TrueCar Inc.         897,197           Party City Holdco Inc.         897,197           EW Scripps Co. Class A         1,368,2910           Lumber Liquidators Holdings Inc.         709,771           JC Penney Co. Inc.         709,771           JC Verstock.com Inc.         504,833           Ascena Retail Group Inc.         4,147,312           Express Inc.         4,147,312           Ascena Retail Group Inc.         386,114           RentCenter Inc.         386,114           RentCenter Inc.         566,863           TechTarget Inc.         554,023           K12 Inc.         957,881           Red Robin Gourrnet Burgers Inc.         356,440           National CineMedia Inc.         458,965           Conn's Inc.         458,965           Feista Restaurant Group Inc.         458,965           Marcues Corp.         451,139           Regis Corp.         861,378           Emerald E	20,963
th Houghton Mifflin Harcourt Co.         2,574,426           XO Group Inc.         612,449           Buckle Inc.         725,438           SP Plus Corp.         522,939           Genesco Inc.         484,485           TrueCar Inc.         1,828,675           SUPERVALU Inc.         1,198,631           EW Scripps Co. Class A         1,362,910           Lumber Liquidators Holdings Inc.         709,771           Lumber Liquidators Holdings Inc.         7,340,204           Voerstock.com Inc.         7,340,204           Accena Retail Group Inc.         504,833           Ascena Retail Group Inc.         1,800,714           Express Inc.         1,800,714           American Public Education Inc.         386,114           American Public Education Inc.         386,114           Tech Target Inc.         566,863           Chefe' Warehouse Inc.         554,023           K12 Inc.         957,881           Red Robin Gourmet Burgers Inc.         326,440           National CineMedia Inc.         458,965           Fiesta Restaurant Group Inc.         458,965           Fiesta Restaurant Group Inc.         667,084           Acto Corp. Class A         667,084           Emerald Exposi	20,620
XO Group Inc.         612,449           Buckle Inc.         725,438           SP Plus Corp.         522,939           Genesco Inc.         484,485           TrucCar Inc.         1,228,675           SUPERVALU Inc.         897,197           Party City Holdoo Inc.         1,198,631           EW Scripps Co. Class A         1,362,910           Lumber Liquidators Holdings Inc.         709,771           JC Penney Co. Inc.         709,771           VE Seripss Co. Inc.         504,833           Ascena Retail Group Inc.         504,833           Ascena Retail Group Inc.         1,800,714           American Public Education Inc.         386,114           Rent-A-Center Inc.         1,097,094           TechTarget Inc.         566,863           Chefs' Warehouse Inc.         554,023           K12 Inc.         957,881           Red Robin Gourmet Burgers Inc.         326,440           National CineMedia Inc.         1,807,282           Con's Inc.         458,965           Fiesta Restaurant Group Inc.         458,965           Again Holdings Inc.         687,695           Boot Barn Holdings Inc.         670,884           Caroc com Inc.         670,884 <t< td=""><td>19,813</td></t<>	19,813
Buckle Inc.         725,438           S P Plus Corp.         522,339           Genesco Inc.         484,485           ¹ TrueCar Inc.         1,828,675           SUPERWALU Inc.         897,197           Party City Holdoo Inc.         1,198,631           EW Scripps Co. Class A         1,362,910           ¹ Lumber Liquidators Holdings Inc.         709,771           ' Lowber Liquidators Holdings Inc.         709,771           ' Overstock com Inc.         504,833           ' Ascena Retail Group Inc.         4,147,312           ' Express Inc.         1,800,714           A American Public Education Inc.         386,114           ' American Public Education Inc.         386,114           ' Rent-A-Center Inc.         1,097,094           ' TechTarget Inc.         566,863           ' Chefs' Warehouse Inc.         566,863           ' Chefs' Warehouse Inc.         326,440           National CineMedia Inc.         1,807,282           ' Conn's Inc.         458,965           Fiesta Restaurant Group Inc.         458,965           Fiesta Restaurant Group Inc.         687,695           Baot Barn Holdings Inc.         687,695           Begis Corp.         861,378           Emerald Ex	19,694
SP Plus Corp.         522,939           Genesco Inc.         484,485           ↑ TrucCar Inc.         1,828,675           SUPERVALU Inc.         897,197           Party City Holdco Inc.         1,198,631           EW Scripps Co. Class A         1,362,910           ↑ Lumber Liquidators Holdings Inc.         709,771           J C Penney Co. Inc.         7,340,204           ↑ Overstock.com Inc.         504,833           A Ascena Retail Group Inc.         4,147,312           Express Inc.         1,800,714           A merican Public Education Inc.         386,114           Rent-A-Center Inc.         566,863           ↑ Chefs' Warehouse Inc.         566,863           K 12 Inc.         957,881           Red Robin Gourmet Burgers Inc.         326,440           National CineMedia Inc.         1,807,282           ↑ Con's Inc.         458,965           Fiesta Restaurant Group Inc.         458,965           ↑ Fiesta Restaurant Group Inc.         451,139           Marcus Corp.         861,378           Entercom Communications Corp. Class A         1,874,580           Emerald Expositions Events Inc.         670,884           Cato Corp. Class A         545,166           Care. co	19,598
Genesco Inc.         484,485           TrueCar Inc.         1,828,675           SUPERVALU Inc.         897,197           Party City Holdco Inc.         1,198,631           EW Scripps Co. Class A         1,362,910           Lumber Liquidators Holdings Inc.         709,771           JC Penney Co. Inc.         7,340,204           Overstock.com Inc.         504,833           Ascena Retail Group Inc.         1,800,714           Express Inc.         1,800,714           American Public Education Inc.         386,114           Rent-A-Center Inc.         1,097,094           TechTarget Inc.         568,683           Chefs' Warehouse Inc.         554,023           K12 Inc.         957,881           Red Robin Gournet Burgers Inc.         326,440           National CineMedia Inc.         458,965           Fiesta Restaurant Group Inc.         458,965           Marcus Corp.         451,139           Boot Barn Holdings Inc.         687,695           Regis Corp.         861,378           Entercom Communications Corp. Class A         1874,580           Emerald Expositions Events Inc.         670,884           Cato Corp. Class A         545,166           Chuy's Holdings Inc.	19,514
∴ TrueCar Inc.         1,828,675           SUPERVALU Inc.         897,197           ↑ Party City Holdco Inc.         1,198,631           EW Scripps Co. Class A         1,362,910           ↑ Lumber Liquidators Holdings Inc.         709,771           J.C Penney Co. Inc.         7,340,204           ↑ Overstock.com Inc.         504,833           4 Ascena Retail Group Inc.         4,147,312           Express Inc.         1,800,714           ↑ American Public Education Inc.         386,114           ↑ Rent-A-Center Inc.         1,097,094           ↑ TechTarget Inc.         566,863           ↑ Chefs' Warehouse Inc.         554,023           ↑ K12 Inc.         957,881           Red Robin Gourmet Burgers Inc.         326,440           National CineMedia Inc.         1,807,282           ↑ Conn's Inc.         458,965           ↑ Fiesta Restaurant Group Inc.         451,139           Marcus Corp.         451,139           ↑ Boot Barn Holdings Inc.         687,695           Emerald Expositions Events Inc.         670,884           Cato Corp. Class A         1,874,580           Emerald Expositions Events Inc.         627,624           Chuy's Holdings Inc.         415,327	19,453
SUPERVALU Inc.         897,197           Party City Holdco Inc.         1,198,631           EW Scripps Co. Class A         1,362,910           Lumber Liquidators Holdings Inc.         709,771           J C Penney Co. Inc.         7,340,204           Overstock.com Inc.         504,833           Ascena Retail Group Inc.         4,147,312           Express Inc.         1,800,714           American Public Education Inc.         386,114           Rent-A-Center Inc.         1,097,094           TechTarget Inc.         566,863           Chefs' Warehouse Inc.         957,881           Red Robin Gourmet Burgers Inc.         326,440           National CineMedia Inc.         326,440           National CineMedia Inc.         326,440           National CineMedia Inc.         451,139           Boot Barn Holdings Inc.         526,605           Marcus Corp.         451,139           Boot Barn Holdings Inc.         687,695           Regis Corp.         861,378           Entercom Communications Corp. Class A         1,874,580           Emerald Expositions Events Inc.         677,624           Chuy's Holdings Inc.         475,227           Clean Energy Fuels Corp.         3398,237	19,234
EW Scripps Co. Class A         1,198,631           EW Scripps Co. Class A         1,362,910           ↑ Lumber Liquidators Holdings Inc.         709,771           ↑ JC Penney Co. Inc.         7,340,204           ↑ Overstock.com Inc.         504,833           ↑ Ascena Retail Group Inc.         4,147,312           ★ Express Inc.         1,800,714           ↑ American Public Education Inc.         386,114           ★ Rent-A-Center Inc.         566,863           ↑ TechTarget Inc.         566,863           ↑ Chefs' Warehouse Inc.         554,023           ★ K12 Inc.         957,881           ♣ Red Robin Gourmet Burgers Inc.         326,440           ▶ National CineMedia Inc.         1,807,282           ♠ Conn's Inc.         458,965           ♣ Fiesta Restaurant Group Inc.         526,605           Marcus Corp.         451,139           ▶ Boot Barn Holdings Inc.         687,695           ♣ Regis Corp.         861,378           Entercom Communications Corp. Class A         1,874,580           Emerald Expositions Events Inc.         670,884           Care.com Inc.         627,624           ↑ Ohly's Holdings Inc.         627,624           ↑ Chuy's Holdings Inc.         686,554 <t< td=""><td>18,451</td></t<>	18,451
EW Scripps Co. Class A         1,362,910           Lumber Liquidators Holdings Inc.         709,771           Lopenney Co. Inc.         7,340,204           Overstock.com Inc.         504,833           Ascena Retail Group Inc.         4,147,312           Express Inc.         1,800,714           American Public Education Inc.         386,114           Rent-A-Center Inc.         1,097,094           TechTarget Inc.         566,863           Chefs' Warehouse Inc.         554,023           K12 Inc.         957,881           Red Robin Gournet Burgers Inc.         326,440           National CineMedia Inc.         1,807,282           Conn's Inc.         458,965           Fiesta Restaurant Group Inc.         526,605           Marcus Corp.         451,139           Boot Barn Holdings Inc.         687,695           Regis Corp.         861,378           Entercom Communications Corp. Class A         1,874,580           Emerald Expositions Events Inc.         670,884           Care. com Inc.         627,624           Chuy's Holdings Inc.         415,327           Clean Energy Fuels Corp.         33,388,237           MarineMax Inc.         656,554           Carrols Restaurant Grou	18,410
	18,279
∴ VC Penney Co. Inc.         7,340,204           ∴ Overstock.com Inc.         504,833           ∴ Ascena Retail Group Inc.         4,147,312           ∴ Express Inc.         1,800,714           ∴ American Public Education Inc.         386,114           ← Rent-A-Center Inc.         1,097,094           ↑ Tech Target Inc.         566,863           ← Chefs' Warehouse Inc.         554,023           ← K12 Inc.         957,881           ← Red Robin Gourmet Burgers Inc.         326,440           National CineMedia Inc.         1,807,282           ← Conn's Inc.         458,965           ← Fiesta Restaurant Group Inc.         526,605           Marcus Corp.         451,139           ← Boot Barn Holdings Inc.         687,695           ← Regis Corp.         861,378           Entercom Communications Corp. Class A         1,874,580           Emerald Expositions Events Inc.         670,884           Cato Corp. Class A         545,166           ← Care.com Inc.         627,624           ← Chuy's Holdings Inc.         3,398,237           ← MarineMax Inc.         656,554           Carrols Restaurant Group Inc.         656,554           MarineMax Inc.         656,554           Carrols	18,249
Voerstock.com Inc.         504,833           A Ascena Retail Group Inc.         4,147,312           Express Inc.         1,800,714           American Public Education Inc.         386,114           Rent-A-Center Inc.         1,097,094           TechTarget Inc.         566,863           Chefs' Warehouse Inc.         554,023           K12 Inc.         957,881           Red Robin Gourmet Burgers Inc.         326,440           National CineMedia Inc.         1,807,282           Conn's Inc.         458,965           Fiesta Restaurant Group Inc.         526,605           Marcus Corp.         451,139           Boot Barn Holdings Inc.         687,695           Regis Corp.         861,378           Entercom Communications Corp. Class A         1,874,580           Emerald Expositions Events Inc.         670,884           Cato Corp. Class A         545,166           Care.com Inc.         627,624           Chuy's Holdings Inc.         415,327           Clean Energy Fuels Corp.         3,398,237           MarineMax Inc.         656,554           Carrols Restaurant Group Inc.         836,685           Monarch Casino & Resort Inc.         280,430           Golden Entertainment In	17,283
** Ascena Retail Group Inc.         4,147,312           ** Express Inc.         1,800,714           ** American Public Education Inc.         386,114           ** Rent-A-Center Inc.         1,097,094           ** TechTarget Inc.         566,863           ** Chefs' Warehouse Inc.         554,023           ** K12 Inc.         957,881           ** Red Robin Gourmet Burgers Inc.         326,440           National CineMedia Inc.         1,807,282           ** Conn's Inc.         458,965           ** Fiesta Restaurant Group Inc.         526,605           Marcus Corp.         451,139           ** Boot Barn Holdings Inc.         687,695           ** Regis Corp.         861,378           Entercom Communications Corp. Class A         1,874,580           Emerald Expositions Events Inc.         670,884           Cato Corp. Class A         545,166           ** Care.com Inc.         627,624           ** Chuy's Holdings Inc.         3,398,237           ** MarineMax Inc.         656,554           ** Carrols Restaurant Group Inc.         366,554           ** Carrols Restaurant Group Inc.         386,685           ** Monarch Casino & Resort Inc.         280,430           ** Golden Entertainment Inc.	17,176
Express Inc.         1,800,714           American Public Education Inc.         336,114           Rent-A-Center Inc.         1,097,094           TechTarget Inc.         566,863           Chefs' Warehouse Inc.         554,023           K12 Inc.         957,881           Red Robin Gourmet Burgers Inc.         326,440           National CineMedia Inc.         1,807,282           Conn's Inc.         458,965           Fiesta Restaurant Group Inc.         526,605           Marcus Corp.         451,139           Boot Barn Holdings Inc.         687,695           Regis Corp.         861,378           Entercom Communications Corp. Class A         1,874,580           Emerald Expositions Events Inc.         670,884           Cato Corp. Class A         545,166           Care.com Inc.         627,624           Chuy's Holdings Inc.         415,327           Clean Energy Fuels Corp.         3,398,237           MarineMax Inc.         656,554           Carrols Restaurant Group Inc.         656,554           Carrols Restaurant Group Inc.         628,685           Monarch Casino & Resort Inc.         280,430           Golden Entertainment Inc.         448,695	16,988
* American Public Education Inc.         386,114           * Rent-A-Center Inc.         1,097,094           * TechTarget Inc.         566,863           * Chefs' Warehouse Inc.         554,023           * K12 Inc.         957,881           * Red Robin Gourmet Burgers Inc.         326,440           National CineMedia Inc.         1,807,282           *^ Conn's Inc.         458,965           * Fiesta Restaurant Group Inc.         526,605           Marcus Corp.         451,139           * Boot Barn Holdings Inc.         687,695           * Regis Corp.         861,378           Entercom Communications Corp. Class A         1,874,580           Emerald Expositions Events Inc.         670,884           Cato Corp. Class A         545,166           Care.com Inc.         627,624           * Chuy's Holdings Inc.         3,398,237           * MarineMax Inc.         656,554           * Carrols Restaurant Group Inc.         656,554           * Monarch Casino & Resort Inc.         448,695	16,527
** Rent-A-Center Inc.       1,097,094         ** TechTarget Inc.       566,863         ** Chefs' Warehouse Inc.       554,023         ** Chefs' Warehouse Inc.       957,881         ** Red Robin Gourmet Burgers Inc.       326,440         National CineMedia Inc.       1,807,282         *^ Conn's Inc.       458,965         * Fiesta Restaurant Group Inc.       526,605         Marcus Corp.       451,139         * Boot Barn Holdings Inc.       687,695         * Regis Corp.       861,378         Entercom Communications Corp. Class A       1,874,580         Emerald Expositions Events Inc.       670,884         Cato Corp. Class A       545,166         * Care.com Inc.       627,624         * Chuy's Holdings Inc.       415,327         * Clean Energy Fuels Corp.       3,398,237         * MarineMax Inc.       656,554         * Carrols Restaurant Group Inc.       836,685         * Monarch Casino & Resort Inc.       280,430         * Golden Entertainment Inc.       448,695	16,477
** TechTarget Inc.         566,863           ** Chefs' Warehouse Inc.         554,023           ** K12 Inc.         957,881           ** Red Robin Gourmet Burgers Inc.         326,440           National CineMedia Inc.         1,807,282           *^ Conn's Inc.         458,965           * Fiesta Restaurant Group Inc.         526,605           Marcus Corp.         451,139           * Boot Barn Holdings Inc.         687,695           * Regis Corp.         861,378           Entercom Communications Corp. Class A         1,874,580           Emerald Expositions Events Inc.         670,884           Cato Corp. Class A         545,166           * Care.com Inc.         627,624           * Chuy's Holdings Inc.         415,327           * Clean Energy Fuels Corp.         3,398,237           * Clean Energy Fuels Corp.         836,685           * Monarch Casino & Resort Inc.         836,685           * Monarch Casino & Resort Inc.         280,430           * Golden Entertainment Inc.         448,695	16,255
** Chefs' Warehouse Inc.       554,023         ** K12 Inc.       957,881         ** Red Robin Gourmet Burgers Inc.       326,440         National CineMedia Inc.       1,807,282         *^ Conn's Inc.       458,965         * Fiesta Restaurant Group Inc.       526,605         Marcus Corp.       451,139         * Boot Barn Holdings Inc.       687,695         * Regis Corp.       861,378         Entercom Communications Corp. Class A       1,874,580         Emerald Expositions Events Inc.       670,884         Cato Corp. Class A       545,166         * Care.com Inc.       627,624         * Chuy's Holdings Inc.       415,327         * Clean Energy Fuels Corp.       3,398,237         * MarineMax Inc.       656,554         * MarineMax Inc.       656,554         * Monarch Casino & Resort Inc.       280,430         * Monarch Casino & Resort Inc.       448,695	16,149
** K12 Inc.       957,881         ** Red Robin Gourmet Burgers Inc.       326,440         National CineMedia Inc.       1,807,282         ** Conn's Inc.       458,965         * Fiesta Restaurant Group Inc.       526,605         Marcus Corp.       451,139         * Boot Barn Holdings Inc.       687,695         * Regis Corp.       861,378         Entercom Communications Corp. Class A       1,874,580         Emerald Expositions Events Inc.       670,884         Cato Corp. Class A       545,166         * Care.com Inc.       627,624         * Chuy's Holdings Inc.       415,327         * Clean Energy Fuels Corp.       3,398,237         * MarineMax Inc.       656,554         * Carrols Restaurant Group Inc.       836,685         * Monarch Casino & Resort Inc.       280,430         * Golden Entertainment Inc.       448,695	16,099
*** Red Robin Gourmet Burgers Inc.       326,440         National CineMedia Inc.       1,807,282         *** Conn's Inc.       458,965         ** Fiesta Restaurant Group Inc.       526,605         Marcus Corp.       451,139         ** Boot Barn Holdings Inc.       687,695         * Regis Corp.       861,378         Entercom Communications Corp. Class A       1,874,580         Emerald Expositions Events Inc.       670,884         Cato Corp. Class A       545,166         * Care.com Inc.       627,624         * Chuy's Holdings Inc.       415,327         * Clean Energy Fuels Corp.       3,398,237         * MarineMax Inc.       656,554         * Carrols Restaurant Group Inc.       836,685         * Monarch Casino & Resort Inc.       280,430         * Golden Entertainment Inc.       448,695	15,790
National CineMedia Inc.       1,807,282         ★ Conn's Inc.       458,965         ★ Fiesta Restaurant Group Inc.       526,605         Marcus Corp.       451,139         ★ Boot Barn Holdings Inc.       687,695         ★ Regis Corp.       861,378         Entercom Communications Corp. Class A       1,874,580         Emerald Expositions Events Inc.       670,884         Cato Corp. Class A       545,166         ★ Care.com Inc.       627,624         ★ Chuy's Holdings Inc.       415,327         ★ Clean Energy Fuels Corp.       3,398,237         ★ MarineMax Inc.       656,554         ★ Carrols Restaurant Group Inc.       836,685         ★ Monarch Casino & Resort Inc.       280,430         ★ Golden Entertainment Inc.       448,695	15,681
*** Conn's Inc.       458,965         ** Fiesta Restaurant Group Inc.       526,605         Marcus Corp.       451,139         ** Boot Barn Holdings Inc.       687,695         ** Regis Corp.       861,378         Entercom Communications Corp. Class A       1,874,580         Emerald Expositions Events Inc.       670,884         Cato Corp. Class A       545,166         * Care.com Inc.       627,624         * Chuy's Holdings Inc.       415,327         * Clean Energy Fuels Corp.       3,398,237         * MarineMax Inc.       656,554         * Carrols Restaurant Group Inc.       836,685         * Monarch Casino & Resort Inc.       280,430         * Golden Entertainment Inc.       448,695	15,212
* Fiesta Restaurant Group Inc.       526,605         Marcus Corp.       451,139         * Boot Barn Holdings Inc.       687,695         * Regis Corp.       861,378         Entercom Communications Corp. Class A       1,874,580         Emerald Expositions Events Inc.       670,884         Cato Corp. Class A       545,166         * Care.com Inc.       627,624         * Chuy's Holdings Inc.       415,327         * Clean Energy Fuels Corp.       3,398,237         * MarineMax Inc.       656,554         * Carrols Restaurant Group Inc.       836,685         * Monarch Casino & Resort Inc.       280,430         * Golden Entertainment Inc.       448,695	15,181
Marcus Corp.       451,139         * Boot Barn Holdings Inc.       687,695         * Regis Corp.       861,378         Entercom Communications Corp. Class A       1,874,580         Emerald Expositions Events Inc.       670,884         Cato Corp. Class A       545,166         * Care.com Inc.       627,624         * Chuy's Holdings Inc.       415,327         * Clean Energy Fuels Corp.       3,398,237         * MarineMax Inc.       656,554         * Carrols Restaurant Group Inc.       836,685         * Monarch Casino & Resort Inc.       280,430         * Golden Entertainment Inc.       448,695	15,146
** Boot Barn Holdings Inc.       687,695         ** Regis Corp.       861,378         Entercom Communications Corp. Class A       1,874,580         Emerald Expositions Events Inc.       670,884         Cato Corp. Class A       545,166         * Care.com Inc.       627,624         * Chuy's Holdings Inc.       415,327         * Clean Energy Fuels Corp.       3,398,237         * MarineMax Inc.       656,554         * Carrols Restaurant Group Inc.       836,685         * Monarch Casino & Resort Inc.       280,430         * Golden Entertainment Inc.       448,695	15,114
* Regis Corp.       861,378         Entercom Communications Corp. Class A       1,874,580         Emerald Expositions Events Inc.       670,884         Cato Corp. Class A       545,166         * Care.com Inc.       627,624         * Chuy's Holdings Inc.       415,327         * Clean Energy Fuels Corp.       3,398,237         * MarineMax Inc.       656,554         * Carrols Restaurant Group Inc.       836,685         * Monarch Casino & Resort Inc.       280,430         * Golden Entertainment Inc.       448,695	14,662
Entercom Communications Corp. Class A       1,874,580         Emerald Expositions Events Inc.       670,884         Cato Corp. Class A       545,166         * Care.com Inc.       627,624         * Chuy's Holdings Inc.       415,327         * Clean Energy Fuels Corp.       3,398,237         * MarineMax Inc.       656,554         * Carrols Restaurant Group Inc.       836,685         * Monarch Casino & Resort Inc.       280,430         * Golden Entertainment Inc.       448,695	14,270
Emerald Expositions Events Inc.       670,884         Cato Corp. Class A       545,166         Care.com Inc.       627,624         Chuy's Holdings Inc.       415,327         Clean Energy Fuels Corp.       3,398,237         MarineMax Inc.       656,554         Carrols Restaurant Group Inc.       836,685         Monarch Casino & Resort Inc.       280,430         Golden Entertainment Inc.       448,695	14,247
Cato Corp. Class A       545,166         * Care.com Inc.       627,624         * Chuy's Holdings Inc.       415,327         * Clean Energy Fuels Corp.       3,398,237         * MarineMax Inc.       656,554         * Carrols Restaurant Group Inc.       836,685         * Monarch Casino & Resort Inc.       280,430         * Golden Entertainment Inc.       448,695	14,153
* Care.com Inc.       627,624         * Chuy's Holdings Inc.       415,327         * Clean Energy Fuels Corp.       3,398,237         * MarineMax Inc.       656,554         * Carrols Restaurant Group Inc.       836,685         * Monarch Casino & Resort Inc.       280,430         * Golden Entertainment Inc.       448,695	13,820
* Chuy's Holdings Inc.       415,327         * Clean Energy Fuels Corp.       3,398,237         * MarineMax Inc.       656,554         * Carrols Restaurant Group Inc.       836,685         * Monarch Casino & Resort Inc.       280,430         * Golden Entertainment Inc.       448,695	13,422
* Clean Energy Fuels Corp.       3,399,237         * MarineMax Inc.       656,554         * Carrols Restaurant Group Inc.       836,685         * Monarch Casino & Resort Inc.       280,430         * Golden Entertainment Inc.       448,695	13,105
* MarineMax Inc.       656,554         * Carrols Restaurant Group Inc.       836,685         * Monarch Casino & Resort Inc.       280,430         * Golden Entertainment Inc.       448,695	12,751
<ul> <li>Carrols Restaurant Group Inc.</li> <li>Monarch Casino &amp; Resort Inc.</li> <li>Golden Entertainment Inc.</li> <li>448,695</li> </ul>	12,539
<ul> <li>Monarch Casino &amp; Resort Inc.</li> <li>Golden Entertainment Inc.</li> <li>448,695</li> </ul>	12,442
*^ Golden Entertainment Inc. 448,695	12,425
	12,353
	12,110
Sonic Automotive Inc. Class A 586,860	12,089
* Zumiez Inc. 475,516	11,912
*^ Stitch Fix Inc. Class A 433,871	11,905
* QuinStreet Inc. 908,453	11,537
Drive Shack Inc. 1,484,009	11,457
* Hibbett Sports Inc. 494,382	11,321
Ingles Markets Inc. Class A 344,382	10,951
* America's Car-Mart Inc. 173,976	10,769

			Market
		Shares	Value (\$000)
*	PlayAGS Inc.	395,528	10,707
*	Del Taco Restaurants Inc.	715,383	10,144
	Winmark Corp.	63,178	9,379
	Haverty Furniture Cos. Inc.	428,962	9,266
*	Potbelly Corp.	713,262	9,237
	Shoe Carnival Inc.	280,564	9,104
*	Lindblad Expeditions Holdings Inc.	677,665	8,979
	Entravision Communications Corp. Class A Citi Trends Inc.	1,771,509	8,858
	Carriage Services Inc. Class A	320,312 353,152	8,789 8,670
	News Corp. Class B	533,132 544,146	8,625
	Barnes & Noble Inc.	1,349,297	8,568
	RCI Hospitality Holdings Inc.	270,696	8,568
	Nathan's Famous Inc.	90,498	8,516
*	Titan Machinery Inc.	497,670	7,739
*	tronc Inc.	431,769	7,461
*	MDC Partners Inc. Class A	1,607,611	7,395
*	1-800-Flowers.com Inc. Class A	585,063	7,343
	Tile Shop Holdings Inc.	951,576	7,327
*	Del Frisco's Restaurant Group Inc.	575,778	7,255
*,^	GNC Holdings Inc. Class A	1,994,992	7,022
*	Century Casinos Inc.	759,809	6,648
*,^	Lands' End Inc.	237,456	6,625
*	Gaia Inc. Class A	322,622	6,533
*	Habit Restaurants Inc. Class A	640,528	6,405
*	BJ's Wholesale Club Holdings Inc.	270,098	6,388
*	Francesca's Holdings Corp.	830,658	6,271
*	Bojangles' Inc.	424,423	6,112
	Town Sports International Holdings Inc.	411,706	5,990
	El Pollo Loco Holdings Inc.	522,466	5,956
*,^	Reading International Inc. Class A Duluth Holdings Inc.	373,363 249,048	5,955 5,925
*	BrightView Holdings Inc.	265,562	5,829
*	Red Lion Hotels Corp.	498,292	5,805
*,^	Daily Journal Corp.	24,749	5,697
	Natural Health Trends Corp.	224,180	5,609
*	Liberty Media Corp-Liberty Braves	217,655	5,596
*	Avid Technology Inc.	1,055,116	5,487
	Village Super Market Inc. Class A	185,950	5,478
*	Hemisphere Media Group Inc. Class A	405,908	5,317
*,^	Noodles & Co. Class A	431,232	5,304
*	Biglari Holdings Inc. Class B	28,255	5,184
	Tilly's Inc. Class A	331,331	5,020
*	Kirkland's Inc.	417,362	4,858
	Pier 1 Imports Inc.	2,021,218	4,810
*	Bridgepoint Education Inc. Class A Barnes & Noble Education Inc.	724,481 835,527	4,731 4,712
	Speedway Motorsports Inc.	267,785	4,649
*,^	Zoe's Kitchen Inc.	473,206	4,618
*	Liquidity Services Inc.	697,626	4,569
*,^	Boston Omaha Corp. Class A	216,518	4,562
	Saga Communications Inc. Class A	115,556	4,449
*	Cambium Learning Group Inc.	388,531	4,332
	CSS Industries Inc.	249,208	4,212
*	Smart & Final Stores Inc.	751,194	4,169
*,^	Blue Apron Holdings Inc. Class A	1,201,070	4,024
*	Leaf Group Ltd.	359,250	3,898
*	Sportsman's Warehouse Holdings Inc.	754,396	3,862
	Clear Channel Outdoor Holdings Inc. Class A	886,179	3,811
*	J. Jill Inc.	404,797	3,781
*	PCM Inc.	246,655	3,737
*,^	Global Eagle Entertainment Inc.	1,479,399	3,728
*,^	Container Store Group Inc.	440,571	3,705
-	J Alexander's Holdings Inc.	329,963	3,679

			Market
		Shares	Value (\$000)
*	New York & Co. Inc.	708,452	3,627
*,^	Lee Enterprises Inc.	1,159,701	3,305
	Big 5 Sporting Goods Corp.	432,094	3,284
*,^	Tuesday Morning Corp.	1,034,055	3,154
	Collectors Universe Inc.	211,658	3,120
*	Natural Grocers by Vitamin Cottage Inc.	241,385	3,075
*,^	Digital Turbine Inc.	1,950,631	2,945
*	Marchex Inc. Class B Biglari Holdings Inc.	929,908 2,825	2,846 2,684
*	Travelzoo	152,382	2,606
*	Build-A-Bear Workshop Inc.	324,459	2,466
*	RealNetworks Inc.	655,233	2,424
*	Rubicon Project Inc.	846,914	2,414
*,^	Profire Energy Inc.	708,971	2,396
*,^	Vitamin Shoppe Inc.	344,143	2,392
*,^	Sears Holdings Corp.	989,319	2,345
*	TheStreet Inc.	1,030,022	2,245
*,^	Remark Holdings Inc.	560,994	2,193
*	FTD Cos. Inc.	455,037	2,111
*	Full House Resorts Inc.	629,240	2,095
	AH Belo Corp. Class A	428,938	2,016
*,^	LiveXLive Media Inc.	341,600	1,971
*,^	Stein Mart Inc. Liberty Tax Inc.	795,970 241,260	1,950
٨	Fred's Inc. Class A	241,260 838,363	1,948 1,911
	A-Mark Precious Metals Inc.	136,129	1,808
*	Destination Maternity Corp.	301,997	1,758
*,^	Fluent Inc.	712,111	1,745
*	Destination XL Group Inc.	770,416	1,733
	Peak Resorts Inc.	336,921	1,685
	Salem Media Group Inc. Class A	315,296	1,624
*	EVINE Live Inc.	1,311,246	1,613
	Townsquare Media Inc. Class A	229,396	1,484
*	Papa Murphy's Holdings Inc.	266,958	1,482
^	Stage Stores Inc.	614,614	1,481
*	AutoWeb Inc.	283,057	1,279
*	Urban One Inc.	584,263	1,227
	Wayside Technology Group Inc.	82,067	1,153
*,^	Educational Development Corp.	60,132	1,127
-,^\	Chicken Soup For The Soul Entertainment Inc. Ark Restaurants Corp.	116,305 41.710	1,114 1,062
	Dover Motorsports Inc.	442,500	996
*	Emmis Communications Corp. Class A	183,328	970
*,^	McClatchy Co. Class A	96,865	964
	Harte-Hanks Inc.	78,963	876
	Beasley Broadcast Group Inc. Class A	76,851	861
*	Lazydays Holdings Inc.	93,600	832
*	Luby's Inc.	308,772	800
*,^	Famous Dave's of America Inc.	115,881	782
*	Ascent Capital Group Inc. Class A	254,049	714
*,^	Social Reality Inc.	148,260	678
*	Nevada Gold & Casinos Inc.	313,955	628
*,^	Good Times Restaurants Inc.	154,244	578 545
*	Interpace Diagnostics Group Inc. ONE Group Hospitality Inc.	612,138 204,067	545 406
	Canterbury Park Holding Corp.	31,705	496 490
*,^	Christopher & Banks Corp.	451,842	425
*,^	Kona Grill Inc.	137,965	324
*	Rush Enterprises Inc. Class B	7,149	314
*,^	Inspired Entertainment Inc.	49,376	309
*,^	Valeritas Holdings Inc.	226,029	303
*,^	Sears Hometown and Outlet Stores Inc.	143,195	301
*,^	Live Ventures Inc.	19,052	240
	Value Line Inc.	9,438	224

Fastadis Distilling Inc.   24,612   20				Market Value
*** If Trede Inc.         39,610         20           Oover Downs Gaming & Entertainment Inc.         102,519         18           *** Genius Brands International Inc.         68,896         16           *** Diversified Restaurant Holdings Inc.         122,337         15           *** National American University Holdings Inc.         13,704         14           *** Brand Restaurant Group Inc.         88,012         13           *** Space Restaurant Group Inc.         18,375         11           *** Space Networks SE ADR         10,970         11           *** FAT Brands International Inc.         5,452         44           *** Havery Furniture Cos. Inc. Class A         1,375         3           *** Volument Inc. Class A         1,375         3           *** Voll The World Inc.         7,184         3           *** Voll The World Inc. Class A         3,00         1           *** Voll The World Inc. Class A         3,00         1           *** Voll The World Inc. Class A         4,314         2           *** Voll The World Inc. Class A			Shares	(\$000)
**Dover Dower Gaming & Entotrainment Inc.         88,886         16           *** Genius Brands Incremational Inc.         88,886         16           *** Insignia Systems Inc.         96,450         16           National Amorican University Holdings Inc.         151,701         14           *** Rave Restaurant Group Inc.         88,017         11           *** SPAR Group Inc.         88,017         17           *** Carming Inc.         88,017         17           *** Carming Inc.         18,017         17           *** Carming Inc.         18,017         17           *** Fall Frands Inc.         5,432         4           *** Havert Y Entruiture Cos. Inc. Class A         1,375         3           *** Voungevity International Inc.         7,184         3           *** Voungevity International Inc.         4,442         2           *** VougalVoiris Inc.         3,300         1           *** University Inc. Class A         3,300         1           *** La Print Travel Group         42,243         3           *** University Inc. Class A         3,300         1           *** University Inc. Class A         3,300         1           *** La Print Travel Group         42,714,420         3,814,522 <td></td> <td></td> <td></td> <td>209</td>				209
** Genis Brands International Inc.	*,^			208
In Insignia Systems Inc.         96,450         16           National American University Holdings Inc.         153,701         14           National American University Holdings Inc.         153,701         14           SPAR Group Inc.         98,012         12           Spark Retworks SE ADR         110,970         11           FAT Grands Inc. Cos. Inc. Class A         10,970         11           FAT Grands Inc. Cos. Inc. Class A         17,975         3           NTN Buzzime Inc.         4,442         2           Vision Inc. Class A         300         1           Vision Inc. Class A         300         1           VogaWorks Inc.         3,300         1           Urban One Inc. Class A         95         95           DESE Cos. Inc.         2,900         2           Financials (19,8%)         95         95           JP Worgan Chaevey Inc. Class B         95,339,974         98,911,22           San of American Corp.         98,911,22         98,911,22           Financials (19,8%)         97,914,420         98,911,22           JP Worgan Chaevey Inc. Class B         97,314,420         98,911,22           San of American Chaeve Inc. Class A         92,312,62         98,911,22	* ^			
Diversified Restaurant Holdings Inc.         126,337         15,3701         14           National American University Holdings Inc.         95,445         13         14           Rawe Restaurant Group Inc.         96,445         13         12           SPAR Group Inc.         10,970         11         12           Spair Revivors SE ADP         10,970         11         13,878         11           Spair Revivors SE ADP         10,970         11         13,378         11           FAT Brands Inc.         5,432         4         4         3           Youngevity International Inc.         7,184         3         3           Youngevity International Inc.         92,42         2         4           Valacom Inc. Class A         9,20         2         2           Valacom Inc. Class A         9,50         9,50         9,50           Bull Entertailment Inc.         30         9,50         9,50           Bull Entertailment Inc.         30         9,50         9,2462,83           Photogran Chase & Co.         85,266,974         8,881,69         8,881,69           Bark of America Corp.         92,442,83         9,22,43         9,2442,83           Yes an Entry Service Acc.         10,	*		·	163
National American University Holdings Inc.	*			158
SPAR Group Inc.         98,012           Gaming Patriers International Corp.         13,878         11           ** Spark Networks SE ADR         10,970         11           FAT Brands Inc.         5,432         4           Hawarry Furniture Cos. Inc. Class A         1,1375         3           Vorungevity International Inc.         1,1376         3           NTN Buzzime Inc.         4,442         2           Vacorm Inc. Class A         300         1           **** Universal Travel Group         4,2843         3           **** Opsilise Inc.         3,300         1           **** Discrete Costs Inc.         3,300         1           **** Discrete Costs Inc.         3,900         1           **** Discrete Costs Inc.         3,900         1           **** International Travel Group         4,2443         8,81,69           **** Discrete Costs Inc.         3,900         1           **** International Travel Group         8,81,60         8,82,60           **** Berkhirthe Tathaway Inc. Class B         8,81,60         8,82,60           **** Berkhirthe Tathaway Inc. Class B         4,314,400         8,831,60           **** Berkhirthe Tathaway Inc. Class A         1,97,566         6,906,60				146
Gaming Partners International Corp.         13,878         11,970           FAT Brands Inc.         5,432         4           Heverty Furniture Cos. Inc. Cless A         1,375         3           Youngevity International Inc.         7,184         3           NTN Buzzime Inc.         4,442         2           Viscom Inc. Class A         300         1           YogaWorks Inc.         3,300         1           Ubusin Class A         950         1           BL Entertrainment Inc.         2,900         1           Burkshire Hathaway Inc. Class B         47,314,420         8,816,88           Barkshire Hathaway Inc. Class B         47,314,420         8,811,88           Barkshire Spa Co.         193,756,666         9,851,88           Wells Fargo & Co.         193,890,90         19,81,90           Vis Backer Corp.         3,81,90	*			136
Spark Networks SEADR       10,970       11,976         Haverty Furniture Cos. Inc. Class A       1,375       3         Voungevily International Inc.       4,442       2         INTN Buzzime Inc.       4,442       2         Viscom Inc. Class A       300       1         Urban One Inc. Class A       950       4         DGSE Cos. Inc.       2,900         BLI Entertainment Inc.       300       4         Berickhire Hathaway Inc. Class B       85,236,974       8,881,69         Berickhire Hathaway Inc. Class B       47,314,420       8,881,28         Bank of Armerica Corp.       41,110,1577       6,966,66         Wells Fargo & Co.       109,775,566       6,085,96         Visa Inc. Class A       43,714,803       5,922,43         Mastercard Inc. Class A       43,714,803       5,922,43         Mastercard Inc. Class A       43,714,803       5,922,43         Citigroup Inc.       63,811,839       4,270,80         Us Bancory       11,044,74,803       5,922,43         American Express Co.       17,209,955       1,865,75         American Invercorp.       11,044,700       1,933,76         Morago Stanley       33,210,197       1,574,6         Cha	*			123
F AT Brands Inc.         5.432         4 Haverty Furniture Cos. Inc. Class A         3.70         3.90         1.1375         3.90         3.90         1.1375         3.90         1.1375         3.90         1.1375         3.90         1.1375         3.90         1.1375         3.90         1.1375         1.1375         3.90         1.1375         1.1375         1.1375         3.90         1.1375         1.1375         3.90         1.1375         1.1375         3.90         1.1375         1.1375         3.90         1.1375         1.1375         3.90         1.1375         1.1375         3.90         1.1375         1.1375         3.90         1.1375         1.1375         3.90         1.1375         1.1375         3.90         1.1375         1.1375         3.90         1.1375         3.90         1.1375         3.90         1.1375         3.90         1.1375         3.90         4.1375         3.90         4.1375         3.90         4.1375         3.90         4.1375         3.90         4.1375         3.90         4.1375         3.90         4.1375         3.90         4.1375         3.90         4.1375         3.90         4.1375         3.90         4.1375         3.90         4.1375         3.90         4.1375         3.90	* ^	·	-,-	119
Haverty Furniture Cos. Inc. Class A   1,375   3, 2   Youngewith International Inc.   4,442   2,2   1,171   8,171				42
Y Ny Daugevity International Inc.       7,184       3         Viacom Inc. Class A       300       1         Y OgaWorks Inc.       3,300       1         Y OgaWorks Inc.       3,300       950         DISSE Cos. Inc.       2,900       8         RLU Enter tainment Inc.       300       950         BRU Enter tainment Inc.       300       950         Financials (19.8%)       97       8,81,69         JPM Organ Chase & Co.       8,52,69,74       8,831,69         Berkshire Hathaway Inc. Class B       8,81,69       8,811,69         Berkshire Hathaway Inc. Class A       47,314,420       9,92,462,63         Wells Fargo & Co.       241,101,577       6796,65         Visa Inc. Class A       47,144,503       5,922,43         Mastercard Inc. Class A       47,144,503       5,922,43         Goldman Sachs Group Inc.       8,849,572       1,873,64         American Express Co.       1,164,700       1,187,54				30
NIN Buzzime Inc.       4,442       2         Viacom Inc. Class A       300       1         2 Universal Travel Group       42,843       300         3 Urban One Inc. Class A       950         DGSE Cos. Inc.       2,900         ** BLI Entertainment Inc.       300         ** Financials (19,8%)       300         JPMorgan Chase & Co.       85,236,974         ** Barkshire Hathaway Inc. Class B       47,314,420       8,81,63         ** Barkshire Hathaway Inc. Class B       47,314,420       8,81,52         ** Bank of America Corp.       109,775,666       6,085,98         Visa Inc. Class A       109,775,666       6,085,98         Visa Inc. Class A       4,141,11,577       6,796,666         Wisa Inc. Class A       4,141,11,577       6,796,666         Wisa Inc. Class A       4,11,11,577       6,796,666       6,085,98         Visa Inc. Class A       4,11,11,577       6,796,666       6,085,98         Visa Inc. Class A       4,231,11,268       4,561,78       6,085,99         Visa Inc. Class A       4,31,11,11,11,11,11,11,11,11,11,11,11,11,	*		·	30
1º Universal Travel Group         42,843           YogaWkorks Inc.         3,300           1º Urban One Inc. Class A         950           No SE Cos. Inc.         2,900           ** IL Entertainment Inc.         300           Financials (19,8%)           Betchire Hathaway Inc. Class B         85,239,974         8,881,60           Berkshire Hathaway Inc. Class B         47,314,420         8,831,23           Bahe of America Corp.         109,775,666         8,085,98           Wells Fargo & Co.         109,775,666         8,085,98           Wals Inc. Class A         44,714,503         5,922,43           Mastercard Inc. Class A         42,212,888         4,561,76           Cifgroup Inc.         63,813,402         4,270,800           US Bancord         8,444,512         1,873,64           American Express Co.         8,444,512         1,873,64           American Express Co.         11,044,700         1,933,75           American Express Co.         33,800,528         1,552,44           PNC Financial Services Group Inc.         11,044,700         1,933,75           Charles Schwab Corp.         33,800,528         1,552,44           PNC Financial Services Group Inc.         8,223,735         1,530,83	*			20
Y OgsWorks Inc.       3,300         U Drab One Inc. Class A       950         BLJ Entertainment Inc.       2,900         Financials (19.8%)         JPMorgan Chase & Co.       85,236,974       8,881,69         Berkshire Hathavay Inc. Class B       47,314,420       8,881,26         Berkshire Hathavay Inc. Class B       47,314,420       8,881,26         Berkshire Hathavay Inc. Class B       47,314,420       8,881,69         Bank of America Copp.       241,101,577       6,796,68         Wisa Inc. Class A       19,775,666       6,095,98         Visa Inc. Class A       42,714,503       5,922,43         Mastercard Inc. Class A       23,212,668       4,561,75         Citigroup Inc.       63,819,490       42,708         U S Bancorp       9,100,783       1,995,522         Goldman Sachs Group Inc.       8,494,572       1,873,64         American Tower Corp.       11,054,700       1,593,764         Morgan Stanley       30,380,528       1,552,44         Charles Schwab Corp.       30,380,528       1,552,44         PNC Financial Services Group Inc.       11,054,700       1,573,46         Charles Chyabe       2,780,526       1,399,94         S SP Global				11
Usan One Inc. Class A   950	*,2			7
P DSSE Cos. Inc.         2900           RLJ Entertainment Inc.         300           Financials (19.8%)         92,462,63           JPMorgan Chase & Co.         85,236,974         8,881,69           B Berk shire Hathaway Inc. Class B         47,314,420         8,881,29           Bank of America Corp.         241,101,577         6,796,65           Wils Inc. Class A         124,101,507         6,796,65           Visa Inc. Class A         44,714,503         5,922,43           Mastercard Inc. Class A         23,212,668         4,561,76           Citigroup Inc.         63,819,490         4,270,80           US Bancoro         39,100,783         1,955,82           Goldman Sachs Group Inc.         11,209,995         1,686,57           American Tower Corp.         11,054,700         1,593,75           Morgan Stanley         33,210,197         1,574,16           Chubb Ltd.         11,181,537         1,510,42           PNC Financial Services Group Inc.         11,181,537         1,510,42           Chub Ltd.         11,094,740         1,404,17           Black Rose Inc.         2,805,267         1,399,82           Simon Property Group Inc.         2,805,267         1,399,81           Simon Property Group In				6
RLJ Entertainment Inc.	* ^			2 2
Pinancials (19.8%)   JPMorgan Chase & Co.	*			1
JPMorgan Chase & Co.				92,462,633
Berkshire Hathaway Inc. Class B         47,314,420         8.83,123           Bank of America Corp.         241,101,577         6,796,666         6,085,96           Wells Fargo & Co.         109,775,666         6,085,96         6,085,96         7,000         7,000         7,000         5,922,43         4,000,700         1,925,82         2,212,666         4,561,76         Citigroup Inc.         63,819,490         4,270,80         1,955,82         Goldman Sachs Group Inc.         63,819,490         4,270,80         1,955,82         Goldman Sachs Group Inc.         1,720,955         1,866,57         4,873,67         1,873,64         American Express Co.         17,209,955         1,866,57         4,873,700         1,583,75         1,866,57         American Tower Corp.         30,380,528         1,552,474         1,574,16         7,749,700         1,533,75         1,574,16	Fin	( )	25 226 Q7 <i>1</i>	8 881 603
Bank of America Corp.       241,101,577       6,796,65         Wells Fargo & Co.       109,775,666       6,085,96         Visa Inc. Class A       44,714,503       5,922,43         Mastercard Inc. Class A       23,212,668       4,561,75         Citigroup Inc.       63,819,490       4,270,80         US Bancorp       39,100,783       1,955,82         Goldman Sachs Group Inc.       8,494,572       1,873,42         American Express Co.       17,209,955       1,686,57         American Express Co.       17,209,955       1,686,57         Morgan Stanley       33,210,197       1,574,16         Charles Schwab Corp.       30,380,528       1,552,44         PNC Financial Services Group Inc.       11,194,700       1,943,71         BlackRock Inc.       2,805,267       1,399,4         Chubb Ltd.       11,054,740       1,404,17         BlackRock Inc.       2,805,267       1,399,4         CME Group Inc.       8,523,574       1,397,18         Simon Property Group Inc.       8,523,574       1,397,18         Sab Cibolal Inc.       6,292,785       1,283,03         Bank of New York Mellon Corp.       22,761,557       1,119,40         Capital One Financial Corp.       10,382,1	*			
Wells Fargo & Co.       109,775,666       6,085,96         Visa Inc. Class A       44,714,503       5,922,43         Mastercard Inc. Class A       23,212,668       4,561,75         Citigroup Inc.       63,819,490       4,270,80         US Bancorp       39,100,783       1,955,82         Goldman Sachs Group Inc.       8,494,572       1,873,84         American Express Co.       17,209,955       1,865,75         American Tower Corp.       11,054,700       1,593,75         Morgan Stanley       33,210,197       1,574,16         Charles Schwab Corp.       30,380,528       1,552,44         PNC Financial Services Group Inc.       11,181,537       1,510,42         Chubb Ltd.       11,195,470       1,494,17         BlackRock Inc.       2,805,267       1,399,94         CME Group Inc.       8,523,574       1,397,18         Simon Property Group Inc.       8,523,574       1,397,18         Simon Property Mellon Corp.       6,292,785       1,283,03         Bank of New York Mellon Corp.       22,2761,557       1,227,53         American International Group Inc.       22,455,628       1,905,58         Crown Castle International Corp.       10,332,170       1,111,62         Interco				6,796,653
Mastercard Inc. Class A       23 212 668       4 561,75         Citigroup Inc.       63,819,490       4,270,80         US Bancorp       39,100,783       1,955,82         Goldman Sachs Group Inc.       8,494,672       1,873,64         American Express Co.       17,209,955       1,686,67         American Tower Corp.       11,054,700       1,593,75         Morgan Stanley       30,380,528       1,552,44         PNC Financial Services Group Inc.       11,181,537       1,510,62         Chubb Ltd.       11,181,537       1,510,62         Chubb Ltd.       11,054,740       1,404,17         BlackRock Inc.       2,805,267       1,399,34         CME Group Inc.       8,523,574       1,397,18         Simon Property Group Inc.       7,749,732       1,318,92         S&P Global Inc.       6,292,785       1,283,03         Bark of New York Mellon Corp.       22,761,557       1,227,53         American International Group Inc.       22,761,557       1,227,53         American International Group Inc.       10,382,170       1,119,40         Capital One Financial Corp.       12,146,527       1,116,26         Intercontinental Exchange Inc.       14,506,768       1,066,97         Marsh &				6,085,963
Citigroup Inc.       63,819,490       4,270,880         US Bancorp       39,100,783       1,955,82         Goldman Sachs Group Inc.       8,494,572       1,873,64         American Express Co.       17,209,955       1,868,67         American Tower Corp.       11,1054,700       1,593,75         Morgan Stanley       33,210,197       1,574,16         Charles Schwab Corp.       30,380,528       1,552,44         PNC Financial Services Group Inc.       11,181,537       1,510,62         Chubb Ltd.       11,054,740       1,404,17         BlackRock Inc.       2,805,267       1,399,48         CME Group Inc.       8,523,574       1,397,18         Simon Property Group Inc.       8,523,574       1,397,18         Simon Property Group Inc.       8,523,574       1,318,92         SaP Global Inc.       7,749,732       1,318,92         SaP Global Inc.       6,292,785       1,227,53         Bank of New York Mellon Corp.       22,761,557       1,227,53         American International Group Inc.       22,455,628       1,190,59         Crown Castle International Corp.       10,382,170       1,111,94         Capital One Financial Corp.       12,146,527       1,116,26         Marsh & McL		Visa Inc. Class A	44,714,503	5,922,436
US Bancorp   1,955,82   3,910,783   1,955,82   3,944,572   1,873,64   3,945,72   1,873,64   3,945,72   1,873,64   3,945,72   1,873,64   3,945,72   1,873,64   3,945,72   1,973,75   1,985,87   3,945,75   3,955,82   3,955,82   3,955,82   3,955,82   3,955,82   3,955,82   3,955,82   3,955,82   3,955,82   3,955,82   3,955,82   3,955,82   3,955,83   3,955,82   3,955,83   3,955				4,561,754
Goldman Sachs Group Inc.       8,494,572       1,873,64         American Tower Corp.       11,054,700       1,583,75         Morgan Stanley       33,210,197       1,574,16         Charles Schwab Corp.       30,380,528       1,552,44         PNC Financial Services Group Inc.       11,181,537       1,510,62         Chubb Ltd.       11,054,740       1,404,17         BlackRock Inc.       2,805,267       1,399,94         CME Group Inc.       8,523,574       1,397,18         Simon Property Group Inc.       7,749,732       1,318,92         S&P Global Inc.       6,292,785       1,283,03         Bank of New York Mellon Corp.       22,761,557       1,227,53         American International Group Inc.       22,455,628       1,190,59         Crown Castle International Corp.       10,382,170       1,119,40         Capital One Financial Corp.       12,145,527       1,116,26         Intercontinental Exchange Inc.       14,506,768       1,964,75         Marsh & McLennan Cos. Inc.       12,705,964       1,041,50         B& EX Corp.       19,526,206       984,90         Prologis Inc.       20,350,473       887,28         Prologis Inc.       13,303,123       874,21         Progress				4,270,800
American Express Co.       17,209,955       1,886,57         American Tower Corp.       11,054,700       1,593,75         Morgan Stanley       30,310,197       1,574,16         Charles Schwab Corp.       30,380,528       1,552,46         PNC Financial Services Group Inc.       11,181,537       1,510,62         Chubb Ltd.       11,054,740       1,404,17         BlackRock Inc.       2,805,267       1,399,98         CME Group Inc.       8,523,574       1,397,18         Simon Property Group Inc.       8,523,574       1,389,21         Saw Global Inc.       6,292,785       1,283,03         Bank of New York Mellon Corp.       22,761,557       1,227,55         American International Group Inc.       22,455,628       1,190,59         Crown Castle International Corp.       10,382,170       1,119,40         Capital One Financial Corp.       12,146,527       1,116,26         Intercontinental Exchange Inc.       14,506,788       1,066,97         Marsh & McLennan Cos. Inc.       12,705,964       1,041,50         BB&T Corp.       19,526,206       984,90         Prudential Financial Inc.       10,519,556       983,88         MetLife Inc.       10,519,556       983,88         P				
American Tower Corp.       11,054,700       1,593,75         Morgan Stanley       33,210,197       1,574,16         Charles Schwab Corp.       30,380,528       1,552,44         PNC Financial Services Group Inc.       11,181,537       1,510,62         Chubb Ltd.       11,054,740       1,404,17         BlackRock Inc.       2,805,267       1,399,94         CME Group Inc.       8,523,574       1,397,18         Simon Property Group Inc.       7,749,732       1,318,92         S&P Global Inc.       6,292,785       1,283,03         Bank of New York Mellon Corp.       22,761,557       1,227,53         American International Group Inc.       22,455,628       1,190,59         Crown Castle International Corp.       10,382,170       1,119,40         Capital One Financial Corp.       12,146,527       1,116,26         Intercontinental Exchange Inc.       14,506,768       1,066,97         Marsh & McLennan Cos. Inc.       12,705,964       1,041,50         BB&T Corp.       19,526,206       984,90         Prudential Financial Inc.       10,519,556       983,68         MetLife Inc.       20,350,473       887,28         Prologis Inc.       13,308,123       874,21         Progressiv				
Morgan Stanley       33,210,197       1,574,16         Charles Schwab Corp.       30,380,528       1,552,44         PNC Financial Services Group Inc.       11,181,537       1,510,62         Chubb Ltd.       11,054,740       1,404,17         BlackRock Inc.       2,805,267       1,399,94         CME Group Inc.       8,523,574       1,397,18         Simon Property Group Inc.       7,749,732       1,318,92         S&P Global Inc.       6,292,785       1,283,03         Bank of New York Mellon Corp.       22,761,557       1,227,53         American International Group Inc.       22,455,628       1,190,59         Crown Castle International Corp.       10,382,170       1,119,40         Capital One Financial Corp.       10,382,170       1,116,26         Intercontinental Exchange Inc.       14,506,768       1,066,78         Marsh & McLennan Cos. Inc.       12,705,964       1,041,50         BB&T Corp.       19,526,206       984,90         Prudential Financial Inc.       10,519,556       983,68         MetLife Inc.       20,350,473       887,28         Prologis Inc.       13,308,123       874,21         Progressive Corp.       6,135,899       841,66         Public Storage </td <td></td> <td></td> <td></td> <td></td>				
Charles Schwab Corp.       30,380,528       1,552,44         PNC Financial Services Group Inc.       11,181,537       1,510,62         Chubb Ltd.       11,054,740       11,054,740       1,404,17         BlackRock Inc.       2,805,267       1,399,94         CME Group Inc.       8,523,574       1,397,18         Simon Property Group Inc.       7,749,732       1,318,92         S&P Global Inc.       6,292,785       1,283,03         Bank of New York Mellon Corp.       22,761,557       1,227,53         American International Group Inc.       22,456,628       1,190,59         Crown Castle International Corp.       10,382,170       1,119,40         Capital One Financial Corp.       12,146,527       1,116,26         Intercontinental Exchange Inc.       12,705,964       1,041,50         BB&T Corp.       19,526,206       984,90         Mursh & McLennan Cos. Inc.       10,519,556       983,68         MetLife Inc.       20,350,473       887,28         Prologis Inc.       13,308,123       874,21         Progressive Corp.       14,563,692       861,44         Equinix Inc.       1,988,671       854,91         An Inc.       1,988,671       854,91         An Inc.				1,574,163
PNC Financial Services Group Inc.       11,181,537       1,510,62         Chubb Ltd.       11,054,740       1,404,17         Black Rock Inc.       2,805,267       1,399,94         CME Group Inc.       8,523,574       1,397,18         Simon Property Group Inc.       7,749,732       1,318,92         S&P Global Inc.       6,292,785       1,287,33         Bank of New York Mellon Corp.       22,761,557       1,227,53         American International Group Inc.       22,455,628       1,190,59         Crown Castle International Corp.       10,382,170       1,119,40         Capital One Financial Corp.       10,382,170       1,119,40         Capital One Financial Corp.       12,146,527       1,116,66,97         Intercontinental Exchange Inc.       14,506,768       1,066,97         Marsh & McLennan Cos. Inc.       12,705,964       1,041,50         BB&T Corp.       19,526,206       984,90         Prudential Financial Inc.       10,519,556       983,68         MetLife Inc.       20,350,473       887,28         Prologis Inc.       13,308,123       874,21         Progressive Corp.       14,563,692       861,44         Equinix Inc.       1,988,671       854,91         Aon plc </td <td></td> <td></td> <td></td> <td>1,552,445</td>				1,552,445
BlackRock Inc.       2,805,267       1,399,94         CME Group Inc.       8,523,574       1,397,18         Simon Property Group Inc.       7,749,732       1,318,92         S&P Global Inc.       6,292,785       1,283,03         Bank of New York Mellon Corp.       22,761,557       1,227,55         American International Group Inc.       22,455,628       1,190,52         Crown Castle International Corp.       10,382,170       1,119,40         Capital One Financial Corp.       12,146,527       1,116,26         Intercontinental Exchange Inc.       14,506,788       1,066,97         Marsh & McLennan Cos. Inc.       12,705,964       1,041,50         BB&T Corp.       19,526,206       984,90         Prudential Financial Inc.       10,519,556       983,88         MetLife Inc.       20,350,473       887,28         Prologis Inc.       13,308,123       874,21         Progressive Corp.       14,563,692       861,44         Equinix Inc.       1,988,671       854,91         An on pic       6,135,899       841,66         Public Storage       3,708,386       841,28         Affac Inc.       19,437,589       836,20         Travelers Cos. Inc.       6,767,692 <t< td=""><td></td><td></td><td></td><td>1,510,626</td></t<>				1,510,626
CME Group Inc.       8,523,574       1,397,18         Simon Property Group Inc.       7,749,732       1,318,92         S&P Global Inc.       6,292,785       1,283,03         Bank of New York Mellon Corp.       22,761,557       1,227,55         American International Group Inc.       22,455,628       1,190,59         Crown Castle International Corp.       10,382,170       1,119,40         Capital One Financial Corp.       12,146,527       1,116,26         Intercontinental Exchange Inc.       12,705,964       1,061,97         Marsh & McLennan Cos. Inc.       12,705,964       1,041,50         BB&T Corp.       19,526,206       984,90         Prudential Financial Inc.       10,519,556       983,68         MetLife Inc.       20,350,473       887,28         Prologis Inc.       13,308,123       874,21         Progressive Corp.       14,563,692       861,44         Equinix Inc.       1,988,671       854,91         Aon plc       6,135,899       841,66         Public Storage       3,708,386       841,28         Affac Inc.       19,437,589       836,20         Travelers Cos. Inc.       8,709,063       811,72         State Street Corp.       8,709,063 <t< td=""><td></td><td></td><td></td><td>1,404,173</td></t<>				1,404,173
Simon Property Group Inc.       7,749,732       1,318,92         S&P Global Inc.       6,292,785       1,283,03         Bank of New York Mellon Corp.       22,761,557       1,227,53         American International Group Inc.       22,455,628       1,190,59         Crown Castle International Corp.       10,382,170       1,119,40         Capital One Financial Corp.       12,146,527       1,116,26         Intercontinental Exchange Inc.       14,506,768       1,066,97         Marsh & McLennan Cos. Inc.       12,705,964       1,041,50         BB&T Corp.       19,526,206       984,90         Prudential Financial Inc.       10,519,556       983,68         MetLife Inc.       20,350,473       887,28         Prologis Inc.       13,308,123       874,21         Progressive Corp.       14,563,692       861,44         Equinix Inc.       1,988,671       854,91         Aon plc       6,135,899       841,66         Public Storage       3,708,386       841,28         Aflac Inc.       19,437,589       836,20         Travelers Cos. Inc.       8,709,063       810,72         State Street Corp.       8,709,063       80,99         Allstate Corp.       8,809,006       8			· · · · · · · · · · · · · · · · · · ·	1,399,940
S&P Global Inc.       6,292,785       1,283,03         Bank of New York Mellon Corp.       22,761,557       1,227,53         American International Group Inc.       22,455,628       1,190,59         Crown Castle International Corp.       10,382,170       1,119,40         Capital One Financial Corp.       12,146,527       1,116,26         Intercontinental Exchange Inc.       14,506,768       1,066,97         Marsh & McLennan Cos. Inc.       12,705,964       1,041,50         BB&T Corp.       19,526,206       984,90         Prudential Financial Inc.       10,519,556       983,68         MetLife Inc.       20,350,473       887,28         Prologis Inc.       13,308,123       874,21         Progressive Corp.       14,563,692       861,44         Equinix Inc.       1,988,671       854,91         Aon plc       6,135,899       841,66         Public Storage       3,708,386       841,28         Aflac Inc.       19,437,589       386,20         Travelers Cos. Inc.       6,767,692       827,95         State Street Corp.       8,709,063       810,72         Allstate Corp.       8,809,006       803,99         SunTrust Banks Inc.       11,722,590       773,92<				
Bank of New York Mellon Corp.       22,761,557       1,227,53         American International Group Inc.       22,455,628       1,190,59         Crown Castle International Corp.       10,382,170       1,119,49         Capital One Financial Corp.       12,146,527       1,116,26         Intercontinental Exchange Inc.       14,506,768       1,066,97         Marsh & McLennan Cos. Inc.       12,705,964       1,041,50         BB&T Corp.       19,526,206       984,90         Prudential Financial Inc.       10,519,556       983,68         MetLife Inc.       20,350,473       887,28         Prologis Inc.       13,308,123       874,21         Progressive Corp.       14,563,692       861,44         Equinix Inc.       1,988,671       854,91         Aon plc       6,135,899       841,66         Public Storage       3,708,386       841,28         Aflac Inc.       19,437,589       836,20         State Street Corp.       8,709,063       810,72         Allstate Corp.       8,809,006       803,99         SunTrust Banks Inc.       11,722,590       773,92         Moody's Corp.       4,079,240       695,75         Weyerhaeuser Co.       18,932,008       690,26				
American International Group Inc.       22,455,628       1,190,59         Crown Castle International Corp.       10,382,170       1,119,40         Capital One Financial Corp.       12,146,527       1,116,26         Intercontinental Exchange Inc.       14,506,768       1,066,97         Marsh & McLennan Cos. Inc.       12,705,964       1,041,50         BB&T Corp.       19,526,206       984,90         Prudential Financial Inc.       10,519,556       983,68         MetLife Inc.       20,350,473       887,28         Prologis Inc.       13,308,123       874,21         Progressive Corp.       14,563,692       861,44         Equinix Inc.       1,988,671       854,91         Aon plc       6,135,899       841,66         Public Storage       3,708,386       841,28         Aflac Inc.       19,437,589       836,20         Travelers Cos. Inc.       6,767,692       827,95         State Street Corp.       8,809,006       803,99         Allstate Corp.       8,809,006       803,99         SunTrust Banks Inc.       11,722,590       773,92         Moody's Corp.       4,079,240       695,75         Weyerhaeuser Co.       18,932,008       690,26 </td <td></td> <td></td> <td></td> <td></td>				
Crown Castle International Corp.       10,382,170       1,119,40         Capital One Financial Corp.       12,146,527       1,116,26         Intercontinental Exchange Inc.       14,506,768       1,066,97         Marsh & McLennan Cos. Inc.       12,705,964       1,041,50         BB&T Corp.       19,526,206       984,90         Prudential Financial Inc.       10,519,556       983,68         MetLife Inc.       20,350,473       887,28         Prologis Inc.       13,308,123       874,21         Progressive Corp.       14,563,692       861,44         Equinix Inc.       1,988,671       854,91         Aon plc       6,135,899       841,68         Public Storage       3,708,386       841,28         Aflac Inc.       19,437,589       836,20         Travelers Cos. Inc.       6,767,692       827,95         State Street Corp.       8,709,063       810,72         Allstate Corp.       8,709,063       810,72         Allstate Corp.       8,809,006       803,99         SunTrust Banks Inc.       11,722,590       773,92         Weyerhaeuser Co.       18,932,008       690,26		'		1,190,597
Intercontinental Exchange Inc.       14,506,768       1,066,97         Marsh & McLennan Cos. Inc.       12,705,964       1,041,50         BB&T Corp.       19,526,206       984,90         Prudential Financial Inc.       10,519,556       983,68         MetLife Inc.       20,350,473       887,28         Prologis Inc.       13,308,123       874,21         Progressive Corp.       14,563,692       861,44         Equinix Inc.       1,988,671       854,91         Aon plc       6,135,899       841,66         Public Storage       3,708,386       841,28         Aflac Inc.       19,437,589       836,20         Travelers Cos. Inc.       6,767,692       827,95         State Street Corp.       8,709,063       810,72         Allstate Corp.       8,809,006       803,99         SunTrust Banks Inc.       11,722,590       773,92         Moody's Corp.       4,079,240       695,75         Weyerhaeuser Co.       18,932,008       690,26		·		1,119,406
Marsh & McLennan Cos. Inc.       12,705,964       1,041,50         BB&T Corp.       19,526,206       984,90         Prudential Financial Inc.       10,519,556       983,68         MetLife Inc.       20,350,473       887,28         Prologis Inc.       13,308,123       874,21         Progressive Corp.       14,563,692       861,44         Equinix Inc.       1,988,671       854,91         Aon plc       6,135,899       841,66         Public Storage       3,708,386       841,28         Aflac Inc.       19,437,589       836,20         Travelers Cos. Inc.       6,767,692       827,95         State Street Corp.       8,709,063       810,72         Allstate Corp.       8,809,006       803,99         SunTrust Banks Inc.       11,722,590       773,92         Moody's Corp.       4,079,240       695,75         Weyerhaeuser Co.       18,932,008       690,26		Capital One Financial Corp.	12,146,527	1,116,266
BB&T Corp.       19,526,206       984,90         Prudential Financial Inc.       10,519,556       983,68         MetLife Inc.       20,350,473       887,28         Prologis Inc.       13,308,123       874,21         Progressive Corp.       14,563,692       861,44         Equinix Inc.       1,988,671       854,91         Aon plc       6,135,899       841,66         Public Storage       3,708,386       841,28         Aflac Inc.       19,437,589       836,20         Travelers Cos. Inc.       6,767,692       827,95         State Street Corp.       8,709,063       810,75         Allstate Corp.       8,809,006       803,99         SunTrust Banks Inc.       11,722,590       773,92         Moody's Corp.       4,079,240       695,75         Weyerhaeuser Co.       18,932,008       690,26		•		1,066,973
Prudential Financial Inc.       10,519,556       983,68         MetLife Inc.       20,350,473       887,28         Prologis Inc.       13,308,123       874,21         Progressive Corp.       14,563,692       861,44         Equinix Inc.       1,988,671       854,91         Aon plc       6,135,899       841,66         Public Storage       3,708,386       841,28         Aflac Inc.       19,437,589       836,20         Travelers Cos. Inc.       6,767,692       827,95         State Street Corp.       8,709,063       810,72         Allstate Corp.       8,809,006       803,99         SunTrust Banks Inc.       11,722,590       773,92         Moody's Corp.       4,079,240       695,75         Weyerhaeuser Co.       18,932,008       690,26				1,041,508
MetLife Inc.       20,350,473       887,28         Prologis Inc.       13,308,123       874,21         Progressive Corp.       14,563,692       861,44         Equinix Inc.       1,988,671       854,91         Aon plc       6,135,899       841,66         Public Storage       3,708,386       841,28         Aflac Inc.       19,437,589       836,20         Travelers Cos. Inc.       6,767,692       827,95         State Street Corp.       8,709,063       810,72         Allstate Corp.       8,809,006       803,99         SunTrust Banks Inc.       11,722,590       773,92         Moody's Corp.       4,079,240       695,75         Weyerhaeuser Co.       18,932,008       690,26				
Prologis Inc.       13,308,123       874,21         Progressive Corp.       14,563,692       861,44         Equinix Inc.       1,988,671       854,91         Aon plc       6,135,899       841,66         Public Storage       3,708,386       841,28         Aflac Inc.       19,437,589       836,20         Travelers Cos. Inc.       6,767,692       827,95         State Street Corp.       8,709,063       810,72         Allstate Corp.       8,809,006       803,99         SunTrust Banks Inc.       11,722,590       773,92         Moody's Corp.       4,079,240       695,75         Weyerhaeuser Co.       18,932,008       690,26				
Progressive Corp.       14,563,692       861,44         Equinix Inc.       1,988,671       854,91         Aon plc       6,135,899       841,66         Public Storage       3,708,386       841,28         Aflac Inc.       19,437,589       836,20         Travelers Cos. Inc.       6,767,692       827,95         State Street Corp.       8,709,063       810,72         Allstate Corp.       8,809,006       803,99         SunTrust Banks Inc.       11,722,590       773,92         Moody's Corp.       4,079,240       695,75         Weyerhaeuser Co.       18,932,008       690,26				
Equinix Inc.       1,988,671       854,91         Aon plc       6,135,899       841,66         Public Storage       3,708,386       841,28         Aflac Inc.       19,437,589       836,20         Travelers Cos. Inc.       6,767,692       827,95         State Street Corp.       8,709,063       810,72         Allstate Corp.       8,809,006       803,99         SunTrust Banks Inc.       11,722,590       773,92         Moody's Corp.       4,079,240       695,75         Weyerhaeuser Co.       18,932,008       690,26				861,442
Aon plc       6,135,899       841,66         Public Storage       3,708,386       841,28         Aflac Inc.       19,437,589       836,20         Travelers Cos. Inc.       6,767,692       827,95         State Street Corp.       8,709,063       810,72         Allstate Corp.       8,809,006       803,99         SunTrust Banks Inc.       11,722,590       773,92         Moody's Corp.       4,079,240       695,75         Weyerhaeuser Co.       18,932,008       690,26				854,910
Public Storage       3,708,386       841,28         Aflac Inc.       19,437,589       836,20         Travelers Cos. Inc.       6,767,692       827,95         State Street Corp.       8,709,063       810,72         Allstate Corp.       8,809,006       803,99         SunTrust Banks Inc.       11,722,590       773,92         Moody's Corp.       4,079,240       695,75         Weyerhaeuser Co.       18,932,008       690,26			· · · · · · · · · · · · · · · · · · ·	841,661
Travelers Cos. Inc.       6,767,692       827,95         State Street Corp.       8,709,063       810,72         Allstate Corp.       8,809,006       803,99         SunTrust Banks Inc.       11,722,590       773,92         Moody's Corp.       4,079,240       695,75         Weyerhaeuser Co.       18,932,008       690,26			3,708,386	841,284
State Street Corp.       8,709,063       810,72         Allstate Corp.       8,809,006       803,99         SunTrust Banks Inc.       11,722,590       773,92         Moody's Corp.       4,079,240       695,75         Weyerhaeuser Co.       18,932,008       690,26				836,205
Allstate Corp.       8,809,006       803,99         SunTrust Banks Inc.       11,722,590       773,92         Moody's Corp.       4,079,240       695,75         Weyerhaeuser Co.       18,932,008       690,26				827,959
SunTrust Banks Inc.       11,722,590       773,92         Moody's Corp.       4,079,240       695,75         Weyerhaeuser Co.       18,932,008       690,26		·		,
Moody's Corp.       4,079,240       695,75         Weyerhaeuser Co.       18,932,008       690,26		•		
Weyerhaeuser Co. 18,932,008 690,26				
				690,261
T. Rowe Price Group Inc. 5,773,253 670,21		T. Rowe Price Group Inc.		670,217

			Market Value
		Shares	(\$000)
	Discover Financial Services	8,777,104	617,996
	Synchrony Financial	17,983,376	600,285
	AvalonBay Communities Inc.	3,447,318	592,559
	Equity Residential	9,195,686	585,673
	Welltower Inc. Digital Realty Trust Inc.	9,301,286 5,147,068	583,098 574,310
	M&T Bank Corp.	3,301,384	561,730
	Northern Trust Corp.	5,378,104	553,353
	KeyCorp	26,758,950	522,870
	Ameriprise Financial Inc.	3,630,118	507,781
	Ventas Inc.	8,910,513	507,454
	Regions Financial Corp.	28,330,978	503,725
	Willis Towers Watson plc	3,293,423	499,283
	Fifth Third Bancorp	17,277,991	495,878
	Boston Properties Inc.	3,853,665	483,327
	SBA Communications Corp. Class A IHS Markit Ltd.	2,879,806 9,190,881	475,514 474,158
	Citizens Financial Group Inc.	12,137,023	474,130
	Hartford Financial Services Group Inc.	8,920,190	456,089
	Huntington Bancshares Inc.	27,520,270	406,199
*	E*TRADE Financial Corp.	6,632,108	405,620
	Essex Property Trust Inc.	1,649,028	394,233
	First Republic Bank	4,047,183	391,727
	Comerica Inc.	4,298,487	390,818
	Host Hotels & Resorts Inc.	18,509,926	390,004
*	TD Ameritrade Holding Corp.	7,102,367	388,997
*	SVB Financial Group CBRE Group Inc. Class A	1,326,242 8,003,344	382,966 382,080
	Principal Financial Group Inc.	7,211,792	381,864
	Realty Income Corp.	7,077,998	380,726
	Equifax Inc.	3,003,953	375,825
	MSCI Inc. Class A	2,243,930	371,213
	XL Group Ltd.	6,458,923	361,377
*	Markel Corp.	329,847	357,670
	Lincoln National Corp.	5,442,658	338,805
	Loews Corp.	6,948,814	335,489
	Alexandria Real Estate Equities Inc. GGP Inc.	2,560,042	323,001 317,860
	Vornado Realty Trust	15,558,483 4,274,810	317,800
	HCP Inc.	11,733,651	302,963
	Extra Space Storage Inc.	2,992,019	298,633
	Annaly Capital Management Inc.	28,838,415	296,747
	Arthur J Gallagher & Co.	4,529,567	295,690
	Cboe Global Markets Inc.	2,809,151	292,348
	Raymond James Financial Inc.	3,266,953	291,902
*	Berkshire Hathaway Inc. Class A	1,026	289,373
	Mid-America Apartment Communities Inc.	2,830,796	284,976
	Ally Financial Inc. Invesco Ltd.	10,820,206 10,189,463	284,247 270,632
	Nasdag Inc.	2,913,100	265,879
	Franklin Resources Inc.	8,182,953	262,264
	Cincinnati Financial Corp.	3,897,158	260,564
	Zions Bancorporation	4,918,373	259,149
	Duke Realty Corp.	8,882,624	257,863
*	Arch Capital Group Ltd.	9,734,793	257,583
	UDR Inc.	6,685,288	250,966
	Iron Mountain Inc.	7,132,363	249,704
	FNF Group	6,480,479	243,796
	Regency Centers Corp. East West Bancorp Inc.	3,840,128 3,631,487	238,395
	Everest Re Group Ltd.	3,631,487 1,023,054	236,773 235,793
	Western Union Co.	1,023,054	235,793
*	Liberty Broadband Corp.	3,080,739	233,274
	Federal Realty Investment Trust	1,828,633	231,414
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			Market
		Shares	Value (\$000)
	SL Green Realty Corp.	2,285,400	229,751
	SEI Investments Co.	3,544,288	221,589
	Torchmark Corp.	2,675,278	217,794
	Reinsurance Group of America Inc. Class A	1,601,120	213,718
	Camden Property Trust	2,310,900	210,592
	Alleghany Corp.	365,599	210,208
	Affiliated Managers Group Inc.	1,374,919	204,409
	Unum Group	5,516,221	204,045
	Voya Financial Inc. Macerich Co.	4,274,916	200,921
	AGNC Investment Corp.	3,528,971 10,494,195	200,551 195,087
*	Black Knight Inc.	3,534,732	189,285
	American Financial Group Inc.	1,754,778	188,340
	Jones Lang LaSalle Inc.	1,128,176	187,266
	Kilroy Realty Corp.	2,468,254	186,699
	Sun Communities Inc.	1,900,251	185,997
	Equity LifeStyle Properties Inc.	1,997,268	183,549
	VEREIT Inc.	24,194,287	180,005
	WP Carey Inc.	2,694,740	178,796
	MarketAxess Holdings Inc.	895,379	177,160
*	Kimco Realty Corp. Athene Holding Ltd. Class A	10,102,094 3,895,527	171,635 170,780
	National Retail Properties Inc.	3,863,029	169,819
*	Signature Bank	1,303,918	166,745
	Apartment Investment & Management Co.	3,927,936	166,152
	Invitation Homes Inc.	7,150,843	164,898
	WR Berkley Corp.	2,274,746	164,714
	Gaming and Leisure Properties Inc.	4,584,628	164,130
	Liberty Property Trust	3,664,047	162,427
	Brown & Brown Inc.	5,838,126	161,891
	Douglas Emmett Inc. PacWest Bancorp	4,026,455 3,220,275	161,783 159,146
	Lazard Ltd. Class A	3,223,506	157,662
	Commerce Bancshares Inc.	2,420,746	156,646
	DCT Industrial Trust Inc.	2,329,269	155,432
	People's United Financial Inc.	8,572,784	155,082
	Cullen/Frost Bankers Inc.	1,431,251	154,919
*,^	Zillow Group Inc.	2,606,576	153,944
^	Omega Healthcare Investors Inc.	4,940,829	153,166
	Park Hotels & Resorts Inc.	4,998,290	153,098
	Synovus Financial Corp. American Campus Communities Inc.	2,822,609 3,437,995	149,118 147,421
	Webster Financial Corp.	2,310,721	147,421
	New Residential Investment Corp.	8,386,211	146,675
	CubeSmart	4,538,086	146,217
	VICI Properties Inc.	7,070,662	145,938
	CIT Group Inc.	2,888,721	145,620
	Eaton Vance Corp.	2,789,218	145,569
	CyrusOne Inc.	2,471,542	144,239
	First Horizon National Corp.	8,075,488	144,067
	Lamar Advertising Co. Class A	2,089,741	142,750
	Old Republic International Corp.  LPL Financial Holdings Inc.	7,106,926 2,125,631	141,499 139,314
	American Homes 4 Rent Class A	6,279,330	139,276
	Healthcare Trust of America Inc. Class A	5,161,081	139,143
	Forest City Realty Trust Inc. Class A	6,067,516	138,400
	Hudson Pacific Properties Inc.	3,891,562	137,878
	Bank of the Ozarks	3,042,273	137,024
	Starwood Property Trust Inc.	6,302,957	136,837
	First American Financial Corp.	2,629,164	135,980
*	Western Alliance Bancorp	2,393,419	135,491
	Assurant Inc. Brixmor Property Group Inc.	1,303,338 7,655,728	134,882 133,439
	Janus Henderson Group plc	4,323,882	133,439
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			Market
		Shares	Value (\$000)
	Highwoods Properties Inc.	2,561,700	129,955
	Medical Properties Trust Inc.	9,094,558	127,688
*	Howard Hughes Corp.	961,442	127,391
	New York Community Bancorp Inc.	11,524,754	127,233
	Validus Holdings Ltd.	1,871,270	126,498
	Hanover Insurance Group Inc.	1,054,495	126,075
	Sterling Bancorp	5,350,281	125,732
	Rayonier Inc.	3,215,023	124,389
	Umpqua Holdings Corp.	5,469,962	123,566
	STORE Capital Corp.	4,454,753	122,060
	Wintrust Financial Corp.	1,393,903	121,339
	RenaissanceRe Holdings Ltd.	1,000,380	120,366
*	EPR Properties Brighthouse Financial Inc.	1,856,689 2,993,527	120,295 119,951
*,^	Credit Acceptance Corp.	337,281	119,195
,	Associated Banc-Corp	4,324,012	118,046
	Popular Inc.	2,556,425	115,576
	Prosperity Bancshares Inc.	1,680,148	114,855
*	Texas Capital Bancshares Inc.	1,245,654	113,977
	Pinnacle Financial Partners Inc.	1,849,984	113,497
	Life Storage Inc.	1,158,559	112,739
	Hospitality Properties Trust	3,902,483	111,650
*	GCI Liberty Inc Class A	2,472,081	111,441
	Primerica Inc.	1,106,776	110,235
	Interactive Brokers Group Inc.	1,701,863	109,617
	Axis Capital Holdings Ltd.	1,969,894	109,566
	FNB Corp.	8,111,030	108,850
	BankUnited Inc.	2,661,656	108,729
	Senior Housing Properties Trust	6,006,836	108,664
*	Gramercy Property Trust HealthEquity Inc.	3,974,871 1,391,932	108,593 104,534
	First Industrial Realty Trust Inc.	3,091,981	103,087
	IBERIABANK Corp.	1,357,743	102,917
	Cousins Properties Inc.	10,386,178	100,642
	Hancock Whitney Corp.	2,149,723	100,285
	Chemical Financial Corp.	1,797,829	100,085
*	MGIC Investment Corp.	9,281,020	99,493
	FirstCash Inc.	1,100,484	98,878
	JBG SMITH Properties	2,680,727	97,766
*	Zillow Group Inc. Class A	1,633,179	97,582
	Sabra Health Care REIT Inc.	4,463,096	96,983
	Assured Guaranty Ltd.	2,713,823	96,965
	Apple Hospitality REIT Inc.	5,394,201	96,448
	RLJ Lodging Trust CoreSite Realty Corp.	4,373,034 860,644	96,425 95,377
	Ryman Hospitality Properties Inc.	1,146,980	95,377
	Valley National Bancorp	7,827,927	95,188
	LaSalle Hotel Properties	2,771,828	94,880
	MB Financial Inc.	2,029,485	94,777
	TCF Financial Corp.	3,847,634	94,729
*	Equity Commonwealth	3,006,451	94,703
	Weingarten Realty Investors	3,054,350	94,105
	Sunstone Hotel Investors Inc.	5,589,800	92,902
	United Bankshares Inc.	2,527,934	92,017
	Healthcare Realty Trust Inc.	3,159,290	91,872
	Home BancShares Inc.	3,961,828	89,379
	Bank of Hawaii Corp.	1,062,407	88,626
	Radian Group Inc.	5,385,178 1,144,177	87,348
	UMB Financial Corp.	1,144,177	87,221 96,922
	Navient Corp. Stifel Financial Corp.	6,663,290 1,649,914	86,823 86,208
	Spirit Realty Capital Inc.	1,649,914	85,723
*	Green Dot Corp. Class A	1,167,564	85,688
	Taubman Centers Inc.	1,452,354	85,340
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			Market
			Market Value
		Shares	(\$000)
	Evercore Inc. Class A	805,697	84,961
	Uniti Group Inc.	4,197,430	84,075
*	Essent Group Ltd.	2,332,752	83,559
	Investors Bancorp Inc.	6,471,063	82,765
	GEO Group Inc. First Financial Bankshares Inc.	3,005,132	82,761 82,304
	Selective Insurance Group Inc.	1,616,968 1,472,289	80,976
	Chimera Investment Corp.	4,428,383	80,951
	Cathay General Bancorp	1,979,125	80,135
^	Blackstone Mortgage Trust Inc. Class A	2,547,867	80,079
	CNO Financial Group Inc.	4,199,806	79,964
	BancorpSouth Bank	2,425,768	79,929
	Education Realty Trust Inc.	1,914,139	79,437
	EastGroup Properties Inc.	830,139	79,328
	Paramount Group Inc.	5,149,190	79,298
*	Glacier Bancorp Inc.	2,040,434	78,924
	SLM Corp. South State Corp.	6,790,500 896,380	77,751 77,313
	Community Bank System Inc.	1,305,053	77,089
	American Equity Investment Life Holding Co.	2,135,082	76,863
	Corporate Office Properties Trust	2,620,345	75,964
	Columbia Banking System Inc.	1,848,785	75,615
	PotlatchDeltic Corp.	1,486,605	75,594
	Brandywine Realty Trust	4,422,802	74,657
	MFA Financial Inc.	9,840,739	74,593
	Colony Capital Inc.	11,899,550	74,253
	Realogy Holdings Corp.	3,238,043	73,827
*	AXA Equitable Holdings Inc.	3,578,423	73,751
	Fulton Financial Corp.	4,453,040	73,475 73,232
	Legg Mason Inc. Kemper Corp.	2,108,609 963,904	73,232 72,919
	National Health Investors Inc.	980,873	72,919
	Erie Indemnity Co. Class A	614,290	72,032
	Financial Engines Inc.	1,597,383	71,722
	Washington Federal Inc.	2,191,859	71,674
	First Financial Bancorp	2,338,269	71,668
	Physicians Realty Trust	4,485,768	71,503
	BGC Partners Inc. Class A	6,293,043	71,237
	CoreCivic Inc.	2,975,508	71,085
	Old National Bancorp	3,810,829	70,881 70,801
	Retail Properties of America Inc. Piedmont Office Realty Trust Inc. Class A	5,539,964 3,527,700	70,801
	Empire State Realty Trust Inc.	4,058,649	69,403
	RLI Corp.	1,043,289	69,055
	Kennedy-Wilson Holdings Inc.	3,246,901	68,672
	First Midwest Bancorp Inc.	2,643,534	67,331
	Columbia Property Trust Inc.	2,964,023	67,313
	Outfront Media Inc.	3,458,267	67,263
	Two Harbors Investment Corp.	4,249,390	67,140
	DDR Corp.	3,750,439	67,133
	Pebblebrook Hotel Trust	1,719,268	66,708
	STAG Industrial Inc.	2,443,901	66,547
	White Mountains Insurance Group Ltd. Xenia Hotels & Resorts Inc.	73,112 2,673,103	66,284 65,117
*	FCB Financial Holdings Inc. Class A	1,104,282	64,932
	Rexford Industrial Realty Inc.	2,047,206	64,262
	Great Western Bancorp Inc.	1,512,855	63,525
	Union Bankshares Corp.	1,632,190	63,460
*	OneMain Holdings Inc.	1,896,545	63,136
	Simmons First National Corp. Class A	2,109,290	63,068
	PS Business Parks Inc.	489,927	62,956
	First Citizens BancShares Inc. Class A	155,726	62,804
	CVB Financial Corp.	2,741,943	61,474
	DiamondRock Hospitality Co.	4,979,210	61,145

			Market
			Value
_		Shares	(\$000)
	Urban Edge Properties	2,657,722	60,782
	Aspen Insurance Holdings Ltd. International Bancshares Corp.	1,488,090 1,415,045	60,565 60,564
	Washington REIT	1,977,331	59,972
	Hope Bancorp Inc.	3,335,188	59,466
	CenterState Bank Corp.	1,990,040	59,343
	Moelis & Co. Class A	1,010,511	59,266
	United Community Banks Inc.	1,920,170	58,892
*,^	Bofl Holding Inc.	1,414,482	57,866
	Acadia Realty Trust Tanger Factory Outlet Centers Inc.	2,110,045 2,404,056	57,752 56,471
	BOK Financial Corp.	598,416	56,257
	First Merchants Corp.	1,211,107	56,195
	Apollo Commercial Real Estate Finance Inc.	3,070,281	56,125
*	Genworth Financial Inc. Class A	12,390,369	55,757
	Trustmark Corp.	1,682,297	54,893
	Retail Opportunity Investments Corp.	2,803,871	53,722
	Renasant Corp.	1,178,971	53,667
	Independent Bank Corp. Federated Investors Inc. Class B	679,174 2,273,345	53,247 53,014
	Ameris Bancorp	978,666	52,212
	Santander Consumer USA Holdings Inc.	2,727,965	52,077
*	Eagle Bancorp Inc.	845,239	51,813
	Towne Bank	1,606,304	51,562
*	Quality Care Properties Inc.	2,343,721	50,413
	Terreno Realty Corp.	1,330,508	50,120
	QTS Realty Trust Inc. Class A	1,266,061	50,009
*	Enstar Group Ltd.	241,160	49,992
	Banner Corp. First Hawaiian Inc.	823,239 1,702,729	49,501 49,413
	WesBanco Inc.	1,068,569	48,128
	Lexington Realty Trust	5,509,286	48,096
	Chesapeake Lodging Trust	1,516,705	47,989
	Argo Group International Holdings Ltd.	813,427	47,301
	ProAssurance Corp.	1,333,431	47,270
	ServisFirst Bancshares Inc.	1,118,627	46,680
	LegacyTexas Financial Group Inc. Horace Mann Educators Corp.	1,164,451 1,005,738	45,437 44,856
	LTC Properties Inc.	1,010,311	43,181
	Invesco Mortgage Capital Inc.	2,694,341	42,840
	Heartland Financial USA Inc.	775,587	42,541
	Mack-Cali Realty Corp.	2,089,824	42,382
٨	Colony Credit Real Estate Inc.	2,030,486	42,092
	Houlihan Lokey Inc. Class A	815,270	41,758
	PRA Group Inc. Virtu Financial Inc. Class A	1,082,931 1,563,746	41,747 41,517
*	Pacific Premier Bancorp Inc.	1,085,391	41,408
	WSFS Financial Corp.	774,499	41,281
*	First BanCorp	5,390,117	41,234
	Capitol Federal Financial Inc.	3,094,544	40,724
	Provident Financial Services Inc.	1,466,142	40,363
	Northwest Bancshares Inc.	2,319,841	40,342
*	HRG Group Inc.	3,080,754	40,327
* ^	Hilltop Holdings Inc.	1,826,922	40,320
*,^	LendingTree Inc. Government Properties Income Trust	187,057 2,514,613	39,993 39,857
	Alexander & Baldwin Inc.	2,514,613 1,693,478	39,797
	NBT Bancorp Inc.	1,034,389	39,462
	National General Holdings Corp.	1,481,019	38,995
	Berkshire Hills Bancorp Inc.	948,706	38,517
	Walker & Dunlop Inc.	691,428	38,478
	First Commonwealth Financial Corp.	2,480,295	38,469
	Agree Realty Corp.	723,114	38,159
	National Storage Affiliates Trust	1,235,209	38,069

			Market
		Shares	Value (\$000)
	Washington Prima Craus Inc		
	Washington Prime Group Inc. Four Corners Property Trust Inc.	4,682,962 1,536,294	37,979 37,839
	Summit Hotel Properties Inc.	2,629,928	37,634
	American Assets Trust Inc.	981,419	37,579
	Westamerica Bancorporation	660,247	37,311
	Park National Corp.	329,877	36,755
	AmTrust Financial Services Inc.	2,517,096	36,674
	Artisan Partners Asset Management Inc. Class A	1,214,345	36,613
	Infinity Property & Casualty Corp.	256,039	36,447
	S&T Bancorp Inc.	830,551	35,913
*	Waddell & Reed Financial Inc. Class A LendingClub Corp.	1,986,568 9,378,233	35,699 35,544
	Select Income REIT	1,577,814	35,453
	Navigators Group Inc.	615,738	35,097
	Kite Realty Group Trust	2,049,785	35,010
*	Seacoast Banking Corp. of Florida	1,103,647	34,853
	First Busey Corp.	1,069,889	33,937
	Global Net Lease Inc.	1,651,251	33,735
	Brookline Bancorp Inc.	1,808,677	33,641
	Ladder Capital Corp. Class A	2,153,603	33,639
^	Seritage Growth Properties Class A	785,113	33,312
	Sandy Spring Bancorp Inc.	807,677	33,123
	Cadence BanCorp Class A	1,143,554 1,919,154	33,014
	CareTrust REIT Inc. First Interstate BancSystem Inc. Class A	757,145	32,031 31,952
	Mercury General Corp.	737,143	31,897
	Monmouth Real Estate Investment Corp.	1,923,345	31,793
*	Cannae Holdings Inc.	1,712,018	31,758
	HFF Inc. Class A	921,820	31,665
	Kearny Financial Corp.	2,348,455	31,587
	Boston Private Financial Holdings Inc.	1,984,912	31,560
	Redwood Trust Inc.	1,904,433	31,366
*,^	Redfin Corp.	1,348,788	31,144
	Employers Holdings Inc.	773,659	31,101
	Tompkins Financial Corp.	359,901	30,908
	State Bank Financial Corp.	916,841	30,622
	Safety Insurance Group Inc. First Bancorp	352,362 732,427	30,092 29,964
	Independent Bank Group Inc.	445,231	29,741
	Heritage Financial Corp.	840,946	29,307
*	FGL Holdings	3,488,865	29,272
	OceanFirst Financial Corp.	975,843	29,236
	WisdomTree Investments Inc.	3,198,134	29,039
	Enterprise Financial Services Corp.	535,966	28,915
	Americold Realty Trust	1,307,144	28,783
*	Third Point Reinsurance Ltd.	2,292,070	28,651
	Lakeland Financial Corp.	593,716	28,611
	PennyMac Mortgage Investment Trust	1,501,011	28,504
	CYS Investments Inc. Easterly Government Properties Inc.	3,795,565 1,419,026	28,467 28,040
	City Holding Co.	370,714	27,889
	Tier REIT Inc.	1,172,293	27,877
	James River Group Holdings Ltd.	705,424	27,716
*	Enova International Inc.	757,119	27,673
	Piper Jaffray Cos.	358,550	27,555
	AMERISAFE Inc.	474,750	27,417
	Beneficial Bancorp Inc.	1,690,627	27,388
	National Bank Holdings Corp. Class A	704,962	27,204
	Universal Insurance Holdings Inc.	768,812	26,985
	United Fire Group Inc.	491,103	26,770
*	NRG Yield Inc.	1,548,822	26,640
-	CorePoint Lodging Inc. Kinsale Capital Group Inc.	1,021,322 475,645	26,452 26,094
	PJT Partners Inc.	475,045	25,702
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			Market Value
		Shares	(\$000)
	Ramco-Gershenson Properties Trust	1,938,387	25,606
	BancFirst Corp.	431,681	25,556
	American National Insurance Co.	211,629	25,309
*	NMI Holdings Inc. Class A	1,522,820	24,822
	Flagstar Bancorp Inc. Hannon Armstrong Sustainable Infrastructure Capital Inc.	718,389 1,228,553	24,612 24,264
	Stewart Information Services Corp.	553.410	23,835
	Chatham Lodging Trust	1,116,082	23,683
	TFS Financial Corp.	1,489,544	23,490
	Southside Bancshares Inc.	697,171	23,481
*	Triumph Bancorp Inc.	568,593	23,170
	Carolina Financial Corp.	535,060	22,965
	ARMOUR Residential REIT Inc.	1,002,775	22,873
	Meridian Bancorp Inc. RE/MAX Holdings Inc. Class A	1,194,177 435,079	22,868 22,820
	TPG RE Finance Trust Inc.	1,117,067	22,620
٨	CBL & Associates Properties Inc.	4,064,306	22,638
	Lakeland Bancorp Inc.	1,134,312	22,516
*	Encore Capital Group Inc.	615,186	22,516
	Getty Realty Corp.	781,820	22,024
	Meta Financial Group Inc.	226,047	22,017
	Virtus Investment Partners Inc.	170,196	21,777
	United Financial Bancorp Inc.	1,242,137	21,762
	Bryn Mawr Bank Corp. Cohen & Steers Inc.	469,815 517.254	21,752 21,575
	Independence Realty Trust Inc.	2,092,193	21,575
	InfraREIT Inc.	969,491	21,494
	Franklin Street Properties Corp.	2,508,950	21,477
	Hanmi Financial Corp.	755,619	21,422
	MTGE Investment Corp.	1,092,864	21,420
	Banc of California Inc.	1,087,178	21,254
	Capstead Mortgage Corp.	2,341,345	20,955
	CoBiz Financial Inc. Central Pacific Financial Corp.	952,529 709,564	20,460 20,329
	Hersha Hospitality Trust Class A	947,332	20,329
	Washington Trust Bancorp Inc.	348,159	20,228
	TrustCo Bank Corp. NY	2,270,599	20,208
	Preferred Bank	327,312	20,117
*,^	MBIA Inc.	2,224,904	20,113
	Alexander's Inc.	51,613	19,749
	Universal Health Realty Income Trust	306,028	19,580
*	Customers Bancorp Inc. FBL Financial Group Inc. Class A	686,781 246,525	19,491 19,414
	Nelnet Inc. Class A	331,621	19,414
	Stock Yards Bancorp Inc.	505,568	19,287
*	Marcus & Millichap Inc.	494,140	19,276
٨	Pennsylvania REIT	1,737,502	19,095
	Live Oak Bancshares Inc.	615,251	18,857
*	INTL. FCStone Inc.	364,133	18,829
	TriCo Bancshares	502,350	18,813
	ConnectOne Bancorp Inc.	750,272 678,201	18,682
	Univest Corp. of Pennsylvania Ashford Hospitality Trust Inc.	678,201 2,287,402	18,651 18,528
	Community Trust Bancorp Inc.	369,197	18,441
	Horizon Bancorp Inc.	878,868	18,184
	Granite Point Mortgage Trust Inc.	985,922	18,092
	German American Bancorp Inc.	486,454	17,439
*,^	Columbia Financial Inc.	1,040,798	17,225
*	iStar Inc.	1,586,435	17,118
*	St. Joe Co.	951,683	17,083
	Northfield Bancorp Inc. Flushing Financial Corp.	1,024,920 651,499	17,034 17,004
	Urstadt Biddle Properties Inc. Class A	747,443	16,915
	Guaranty Bancorp	566,362	16,878
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			Market
		Shares	Value (\$000)
_			
_	HomeStreet Inc. National Western Life Group Inc. Class A	622,945 54,481	16,788 16,740
	Camden National Corp.	364,522	16,662
	Federal Agricultural Mortgage Corp.	186,034	16,646
	Investors Real Estate Trust	2,998,297	16,581
*	Veritex Holdings Inc.	529,110	16,439
	Hamilton Lane Inc. Class A	339,478	16,285
*	Liberty Broadband Corp. Class A	215,057	16,267
*	TriState Capital Holdings Inc.	621,557	16,223
*	National Commerce Corp.	347,785	16,102
	Armada Hoffler Properties Inc. Saul Centers Inc.	1,075,888 298,496	16,031 15,993
	Investment Technology Group Inc.	763,179	15,966
	NRG Yield Inc. Class A	935,536	15,951
٨	New York Mortgage Trust Inc.	2,647,501	15,911
	Heritage Commerce Corp.	929,159	15,786
	Opus Bank	546,664	15,689
	Oritani Financial Corp.	967,813	15,679
	Bridge Bancorp Inc.	432,039	15,532
	FB Financial Corp.	381,349	15,529
	Preferred Apartment Communities Inc. Class A	908,244	15,431
	Great Southern Bancorp Inc.	269,507	15,416
	Diamond Hill Investment Group Inc. Peoples Bancorp Inc.	79,281 407,967	15,415 15,413
	OFG Bancorp	1,095,424	15,413
	QCR Holdings Inc.	323,073	15,330
	New Senior Investment Group Inc.	2,003,022	15,163
	CatchMark Timber Trust Inc. Class A	1,189,815	15,146
	Midland States Bancorp Inc.	430,380	14,745
*	First Foundation Inc.	790,362	14,653
	First Defiance Financial Corp.	218,232	14,635
^	Arbor Realty Trust Inc.	1,367,484	14,263
	Dime Community Bancshares Inc.	729,192	14,219
	Greenhill & Co. Inc.	499,266	14,179
*,^	Willscot Corp. Mercantile Bank Corp.	957,292 373,918	14,168 13,820
*	EZCORP Inc. Class A	1,146,834	13,819
	Fidelity Southern Corp.	539,264	13,703
*	Southern First Bancshares Inc.	307,858	13,607
	Maiden Holdings Ltd.	1,752,900	13,585
	BBX Capital Corp. Class A	1,488,088	13,437
	Peapack Gladstone Financial Corp.	383,559	13,267
	First of Long Island Corp.	531,922	13,218
*	Nationstar Mortgage Holdings Inc.	751,416	13,172
	RMR Group Inc. Class A	167,646	13,152
	Community Healthcare Trust Inc.	439,684	13,133
	People's Utah Bancorp Gladstone Commercial Corp.	367,270 672,675	13,112 12,929
*	Equity Bancshares Inc. Class A	311,573	12,924
*	Bancorp Inc.	1,228,838	12,854
	Independent Bank Corp.	502,500	12,814
	Green Bancorp Inc.	590,373	12,752
	Blue Hills Bancorp Inc.	572,265	12,704
	AG Mortgage Investment Trust Inc.	674,552	12,675
*	World Acceptance Corp.	111,379	12,364
	Bank of Marin Bancorp	152,238	12,308
	United Community Financial Corp.	1,112,769	12,229
	Cedar Realty Trust Inc.	2,572,788	12,144
	Allegiance Bancshares Inc. NexPoint Residential Trust Inc.	276,799 420,244	11,999 11,956
	Anworth Mortgage Asset Corp.	2,402,741	11,956
	UMH Properties Inc.	773,782	11,878
	State Auto Financial Corp.	396,273	11,853
	First Financial Corp.	259,136	11,752
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			Market Value
		Shares	(\$000)
	Bancshares Inc.	363,323	11,575
* Spirit MTA REIT		1,116,868	11,504
^ Orchid Island Ca	•	1,526,518	11,479
Front Yard Resid	· ·	1,101,414	11,477
* Franklin Financia	Finance Trust Inc.	578,229 302,096	11,437 11,359
* HomeTrust Ban		401,667	11,309
Old Line Bancsh		323,646	11,298
Financial Institut		343,385	11,297
Merchants Band		395,462	11,283
Westwood Hold		189,492	11,282
United Insurance		576,117	11,280
* eHealth Inc.		506,742	11,199
Industrial Logist	cs Properties Trust	499,560	11,165
	structure Trust Inc.	293,933	11,052
<ul> <li>Atlantic Capital I</li> </ul>		559,134	10,987
* FRP Holdings In		169,293	10,962
Whitestone REI		872,349	10,887
Arrow Financial	· ·	296,430	10,790
* Ocwen Financia		2,722,753	10,782
Dynex Capital In	C.	1,645,699	10,746
<ul> <li>Safeguard Scien</li> <li>Braemar Hotels</li> </ul>		823,501 922.903	10,541
Waterstone Fina		617,183	10,540 10,523
First Connecticu		343,731	10,523
* Nicolet Banksha	and the second s	190,648	10,518
First Mid-Illinois		265,641	10,440
Bar Harbor Bank		343,023	10,390
City Office REIT		806,299	10,345
	Mortgage Capital Corp.	991,945	10,336
CNB Financial C		342,777	10,304
* Greenlight Capit	al Re Ltd. Class A	723,849	10,279
* Tejon Ranch Co		422,457	10,266
New York REIT		557,026	10,160
First Internet Ba	·	296,245	10,102
Old Second Ban	•	699,050	10,066
	icial Services Inc. Class A	509,128	10,004
Exantas Capital	!	978,923 896,582	9,965 9,880
MedEquities Re Charter Financia		408,555	9,867
HCI Group Inc.	r Corp.	237,168	9,859
One Liberty Pro	perties Inc	370,942	9,797
	al Real Estate Corp.	702,402	9,700
	gage Investment Corp.	538,290	9,614
First Bancshares		265,725	9,553
Farmers Nationa	l Banc Corp.	591,427	9,433
*.^ Republic First Ba	· ·	1,198,992	9,412
<ul> <li>On Deck Capital</li> </ul>		1,344,153	9,409
Access National		327,004	9,352
Republic Bancor		205,592	9,313
Farmers Capital		178,750	9,313
Jernigan Capital		487,228	9,287
1st Source Corp		172,849	9,235
Carribriage Darie		106,626	9,227
<ul><li>* Ambac Financial</li><li>* BSB Bancorp In-</li></ul>		461,022 265,633	9,151 9,138
^ Heritage Insurar		265,633 546,865	9,138
•	ngland Bancorp Inc.	826,922	9,096
	Investment Corp. Class A	878,439	9,057
	nancial Group Inc.	267,608	9,040
	oldings Inc. Class A	321,101	8,991
PCSB Financial	•	448,173	8,905
*,^ Cowen Inc. Clas		633,785	8,778
BankFinancial C	orp.	485,224	8,564

		_	Market Value
		Shares	(\$000)
*	Health Insurance Innovations Inc. Class A Global Indemnity Ltd.	264,035 218,560	8,542 8,519
	Home Bancorp Inc.	177,914	8,282
	Ladenburg Thalmann Financial Services Inc.	2,430,270	8,263
	Consolidated-Tomoka Land Co.	133,771	8,228
	Sierra Bancorp	290,674	8,209
	RBB Bancorp	255,166	8,196
	West Bancorporation Inc.	324,396	8,159
	Newmark Group Inc. Class A	573,179	8,156
*	Regional Management Corp.	232,139	8,130
^	CBTX Inc.	245,941	8,128
٨	Farmers & Merchants Bancorp Inc.	201,135	8,116
	SB One Bancorp	272,756	8,101
	American National Bankshares Inc.	199,921	7,997
*,^	Territorial Bancorp Inc.	254,485	7,889
Α,	Baycom Corp. Farmland Partners Inc.	315,434 883.123	7,807 7,771
*	SmartFinancial Inc.	300,275	7,771
*,^	Citizens Inc. Class A	991,892	7,737
*	Byline Bancorp Inc.	345,801	7,725
	Enterprise Bancorp Inc.	190,131	7,687
*	FedNat Holding Co.	331,895	7,657
	Southern National Bancorp of Virginia Inc.	428,883	7,651
*	Howard Bancorp Inc.	420,337	7,566
*,^	WMIH Corp.	5,599,104	7,503
	Peoples Financial Services Corp.	157,152	7,389
	Hingham Institution for Savings	33,478	7,355
	Sutherland Asset Management Corp.	450,108	7,314
	Civista Bancshares Inc.	299,327	7,256
	Northrim BanCorp Inc.	183,224	7,247
*	National Bankshares Inc.	153,792	7,136
	Curo Group Holdings Corp. Baldwin & Lyons Inc.	284,100 286,935	7,088 7,001
	Marlin Business Services Corp.	233,360	6,966
	PICO Holdings Inc.	594,034	6,920
*,^	Altisource Portfolio Solutions SA	236,564	6,901
	Macatawa Bank Corp.	567,501	6,889
	Southern Missouri Bancorp Inc.	173,081	6,754
*,^	Business First Bancshares Inc.	254,751	6,713
*	HarborOne Bancorp Inc.	354,148	6,708
	Reliant Bancorp Inc.	235,644	6,610
	Citizens & Northern Corp.	255,270	6,601
	First Bancorp Inc.	233,525	6,590
	Shore Bancshares Inc.	341,092	6,488
	EMC Insurance Group Inc.	231,249	6,424
	Summit Financial Group Inc.	239,178	6,420
	Ames National Corp. Timberland Bancorp Inc.	206,152 166,648	6,360 6,223
	Capital City Bank Group Inc.	261,465	6,178
	Bluerock Residential Growth REIT Inc. Class A	688,027	6,178
	Guaranty Bancshares Inc.	184,851	6,089
٨	Innovative Industrial Properties Inc.	165,888	6,075
	Great Ajax Corp.	459,318	6,008
	First Bank	431,733	6,001
	FNB Bancorp	162,194	5,948
	Codorus Valley Bancorp Inc.	192,162	5,896
*	Metropolitan Bank Holding Corp.	112,308	5,894
*,^	First Choice Bancorp	191,826	5,862
	MutualFirst Financial Inc.	153,532	5,796
^	GAIN Capital Holdings Inc.	763,888	5,767
	Bankwell Financial Group Inc.	173,599	5,581
	Orrstown Financial Services Inc. FS Bancorp Inc.	214,135 87,529	5,568 5,536
	Central Valley Community Bancorp	260,043	5,536
	Central valies Community Dancorp	200,043	5,503

			Market Value
_		Shares	(\$000)
*	Goosehead Insurance Inc. Class A Investar Holding Corp.	217,810	5,437 5,418
*	MoneyGram International Inc.	195,961 803,591	5,418
	Investors Title Co.	29,098	5,373
	Bank of Commerce Holdings	421,001	5,368
	First Business Financial Services Inc.	205,792	5,351
	Century Bancorp Inc. Class A	69,532	5,312
*,^	Forestar Group Inc.	250,927	5,207
*	AV Homes Inc. CB Financial Services Inc.	240,257 148.005	5,142 5,091
	BCB Bancorp Inc.	338,703	5,091
	Penns Woods Bancorp Inc.	112,508	5,038
	MidSouth Bancorp Inc.	376,607	4,990
	Safety Income & Growth Inc.	260,049	4,933
	C&F Financial Corp.	78,800	4,929
	Evans Bancorp Inc.	106,388	4,904
*	Bank of Princeton	145,868	4,850
*	Stratus Properties Inc. First Northwest Bancorp	157,698 300,525	4,818 4,799
	MBT Financial Corp.	446,897	4,799 4,759
*	Elevate Credit Inc.	560,849	4,745
	Tiptree Inc.	687,552	4,675
	Global Medical REIT Inc.	525,888	4,659
	Sterling Bancorp Inc.	343,208	4,585
	Ellington Residential Mortgage REIT	420,285	4,581
	ACNB Corp.	134,025	4,564
	Gladstone Land Corp.	359,037	4,549
	Northeast Bancorp Unity Bancorp Inc.	208,478 199,004	4,545 4,527
	Kingstone Cos. Inc.	267,878	4,527
	Reis Inc.	205,363	4,477
	Riverview Bancorp Inc.	530,161	4,475
*	NI Holdings Inc.	263,923	4,473
	SI Financial Group Inc.	293,277	4,326
	Chemung Financial Corp.	86,278	4,323
	Community Financial Corp.	121,775	4,306
*	LCNB Corp. Community Bankers Trust Corp.	218,549 475,134	4,305 4,252
	Parke Bancorp Inc.	178,967	4,233
*	Entegra Financial Corp.	144,122	4,223
٨	Owens Realty Mortgage Inc.	253,142	4,222
*	Trinity Place Holdings Inc.	627,012	4,107
	Independence Holding Co.	122,798	4,083
	Premier Financial Bancorp Inc.	218,661	4,082
	Norwood Financial Corp.	112,131	4,039
*	ESSA Bancorp Inc. Pacific Mercantile Bancorp	254,680 411,516	4,032 4,012
	First Community Corp.	154,655	3,882
	First Financial Northwest Inc.	195,218	3,811
	GAMCO Investors Inc. Class A	141,614	3,790
	Mackinac Financial Corp.	228,302	3,785
	Pzena Investment Management Inc. Class A	403,565	3,717
	Ohio Valley Banc Corp.	70,113	3,677
*	MVB Financial Corp. Hallmark Financial Services Inc.	203,353 364.291	3,671
	Prudential Bancorp Inc.	364,291 183,429	3,636 3,540
	County Bancorp Inc.	126,977	3,492
	Middlefield Banc Corp.	68,285	3,462
	Donegal Group Inc. Class A	253,996	3,457
	Peoples Bancorp of North Carolina Inc.	107,804	3,453
	Federal Agricultural Mortgage Corp. Class A	41,769	3,409
*,^	Select Bancorp Inc.	251,901 137,437	3,393
	Malvern Bancorp Inc.	137,427	3,346
	Silvercrest Asset Management Group Inc. Class A	204,501	3,333

			Market
		Shares	Value (\$000)
_	Union Bankshares Inc.	63,618	3,302
	Griffin Industrial Realty Inc.	74,670	3,302
*	Esquire Financial Holdings Inc.	123,271	3,253
	First Guaranty Bancshares Inc.	123,775	3,221
	1st Constitution Bancorp	140,122	3,209
	United Security Bancshares	286,264	3,206
*	Atlas Financial Holdings Inc.	362,441	3,171
	Provident Financial Holdings Inc.	160,738	3,067
	Clipper Realty Inc.	357,527	3,053
*	Victory Capital Holdings Inc. Class A	287,000	3,036
	First United Corp.	143,415	2,933
*	Coastway Bancorp Inc.	104,366	2,891
^	Greene County Bancorp Inc.	84,105	2,851
*	Associated Capital Group Inc. Class A Provident Bancorp Inc.	74,243 105,836	2,818 2,773
	SB Financial Group Inc.	136,390	2,773 2,771
	Sotherly Hotels Inc.	392,483	2,740
	Two River Bancorp	139,722	2,673
	MSB Financial Corp.	121,527	2,613
	Old Point Financial Corp.	90,388	2,609
*	Capstar Financial Holdings Inc.	138,876	2,573
*,^	Impac Mortgage Holdings Inc.	261,677	2,494
	DNB Financial Corp.	70,032	2,455
	Plumas Bancorp	85,240	2,404
٨	Hunt Cos. Finance Trust Inc.	676,213	2,306
*	Essential Properties Realty Trust Inc.	169,200	2,291
*	Randolph Bancorp Inc.	134,594	2,261
	United Community Bancorp	82,959	2,256
*	Rafael Holdings Inc. Class B	245,207	2,253
^	First Savings Financial Group Inc.	29,086	2,138
*,^	PDL Community Bancorp	134,993	2,121
	American River Bankshares	130,024	2,061
*	Maui Land & Pineapple Co. Inc. Consumer Portfolio Services Inc.	181,832 491,566	2,037 2,001
*	Ashford Inc.	30,806	1,996
	Summit State Bank	126,542	1,955
*	Aspen Group Inc.	256,748	1,918
	Blue Capital Reinsurance Holdings Ltd.	161,959	1,790
*,^	Riot Blockchain Inc.	277,836	1,761
	BRT Apartments Corp.	136,124	1,736
*,^	Transcontinental Realty Investors Inc.	51,342	1,717
	AmeriServ Financial Inc.	413,195	1,694
	Luther Burbank Corp.	142,534	1,640
*	Performant Financial Corp.	702,380	1,510
	PB Bancorp Inc.	130,685	1,483
	Global Self Storage Inc.	353,584	1,467
	Eagle Bancorp Montana Inc.	70,782	1,366
	Condor Hospitality Trust Inc.	129,639	1,348
-	Anchor Bancorp Inc. Hennessy Advisors Inc.	51,344 74,969	1,348 1,301
	Manhattan Bridge Capital Inc.	74,969 172,279	1,301
*	Jason Industries Inc.	559,958	1,299
	Sound Financial Bancorp Inc.	32,075	1,249
*	Spirit of Texas Bancshares Inc.	59,688	1,230
	Citizens Community Bancorp Inc.	85,675	1,212
	First US Bancshares Inc.	102,757	1,197
	Manning & Napier Inc.	385,373	1,195
	Severn Bancorp Inc.	137,109	1,186
	United Bancorp Inc.	87,666	1,183
	Urstadt Biddle Properties Inc.	64,362	1,176
*	Nicholas Financial Inc.	124,786	1,148
	Elmira Savings Bank	51,975	1,065
*,^	ITUS Corp.	347,601	1,053
*,^	Tremont Mortgage Trust	76,963	1,012

			Market Value
		Shares	(\$000)
*	Altisource Asset Management Corp.	13,783	961
*,^	OP Bancorp	65,367	831
*	Security National Financial Corp. Class A	159,180	828
2	Winthrop Realty Trust Bank of South Carolina Corp.	562,609 39,296	815 813
^	Wheeler REIT Inc.	199,544	806
*	Limestone Bancorp Inc.	52,082	794
	Pathfinder Bancorp Inc.	48,152	769
*	Meridian Bank	42,029	765
^	Sachem Capital Corp.	174,987	717
*,^	Intersections Inc.	341,144	693
*	Conifer Holdings Inc.	103,597	653
•	1347 Property Insurance Holdings Inc. Citizens First Corp.	91,546 23,929	650 635
*	FFBW Inc.	55,772	619
	Bancorp 34 Inc.	37,486	584
	Medley Management Inc. Class A	163,603	581
*	Bridgewater Bancshares Inc.	39,859	507
	Bank of the James Financial Group Inc.	30,484	505
	IF Bancorp Inc.	20,453	499
٨	US Global Investors Inc. Class A	289,331	466
*	Central Federal Corp.	191,317	459
•	Community First Bancshares Inc. Ottawa Bancorp Inc.	38,486 27,075	428 379
^	HV Bancorp Inc.	25,024	375
*	Eagle Financial Bancorp Inc.	19,339	317
*	National Holdings Corp.	94,636	311
*	JW Mays Inc.	4,614	196
	WVS Financial Corp.	11,313	187
*	Income Opportunity Realty Investors Inc.	12,550	165
*	ICC Holdings Inc.	8,902	142
	Southwest Georgia Financial Corp.	6,256	142
*,^	RMG Networks Holding Corp.	102,173 23,292	125
-,^	Ditech Holding Corp. Oxbridge Re Holdings Ltd.	23,292 67,076	122 117
	Asta Funding Inc.	22,841	79
	Level One Bancorp Inc.	2,832	77
*	National Holdings Corp. Warrants Exp. 01/18/2022	92,151	69
*	FSB Bancorp Inc.	2,939	52
^	CPI Card Group Inc.	16,009	32
	Bancorp of New Jersey Inc.	986	17
	Cohen & Co. Inc.	1,074	11
*	Glen Burnie Bancorp	857	9
*,^,2	GWG Holdings Inc. Ditech Holding Corp Warrants Exp 01/31/2028	300 43,103	2
*,^,2	Ditech Holding Corp Series B Warrants Exp. 01/31/2028	34,201	_
Hes	alth Care (12.7%)	- · · · -	138,838,331
1100	Johnson & Johnson	67,144,991	8,147,373
	UnitedHealth Group Inc.	24,054,849	5,901,617
	Pfizer Inc.	146,436,519	5,312,717
	Merck & Co. Inc.	67,347,667	4,088,003
	AbbVie Inc.	37,934,567	3,514,638
	Amgen Inc.	16,564,922	3,057,719
	Medtronic plc	33,922,297	2,904,088
	Abbott Laboratories Gilead Sciences Inc.	43,887,375 32,549,396	2,676,691 2,305,799
	Bristol-Myers Squibb Co.	32,549,396 40,919,735	2,305,799
	Eli Lilly & Co.	24,578,053	2,097,245
	Thermo Fisher Scientific Inc.	10,071,454	2,086,201
	Becton Dickinson and Co.	6,686,215	1,601,750
*	Biogen Inc.	5,282,339	1,533,146
	Anthem Inc.	6,385,742	1,519,998

			Market
		Shares	Value (\$000)
_	Aetna Inc.	8,184,265	1,501,813
*	Celgene Corp.	18,140,902	1,440,750
	Allergan plc	8,485,815	1,414,755
*	Intuitive Surgical Inc.	2,835,304	1,356,636
	Stryker Corp.	7,482,591	1,263,510
*	Boston Scientific Corp.	34,531,076	1,129,166
*	Express Scripts Holding Co.	14,049,758	1,084,782
*	Vertex Pharmaceuticals Inc.	6,377,596	1,083,936
	Cigna Corp.	6,087,300	1,034,537
	Zoetis Inc.	12,116,642	1,032,217
*	Illumina Inc.	3,679,776	1,027,725
	Humana Inc.	3,445,549	1,025,499
	Baxter International Inc.	12,780,644	943,723
*	Edwards Lifesciences Corp.	5,275,205	767,912
	HCA Healthcare Inc.	6,988,642	717,035
*	Regeneron Pharmaceuticals Inc.	1,987,580	685,695
*	Alexion Pharmaceuticals Inc.	5,286,587	656,330
*	Align Technology Inc.	1,906,054	652,137
*	Centene Corp.	4,880,086	601,275
	Zimmer Biomet Holdings Inc.	5,080,608	566,183
*	IDEXX Laboratories Inc.	2,176,167	474,274
*	Laboratory Corp. of America Holdings	2,554,815	458,666
*	Mylan NV	12,254,286	442,870
*	ABIOMED Inc.	1,055,427	431,722
*	IQVIA Holdings Inc.	4,318,447	431,067
*	BioMarin Pharmaceutical Inc.	4,419,969	416,361
	Quest Diagnostics Inc.	3,399,229	373,711
	ResMed Inc.	3,572,221	370,011
*	Waters Corp.	1,864,003	360,852
	Teleflex Inc.	1,154,510	309,651
*	Incyte Corp.	4,507,961	302,033
	Cooper Cos. Inc.	1,224,348	288,273
*	Henry Schein Inc.	3,852,501	279,846
*	WellCare Health Plans Inc.	1,117,889	275,269
*	Hologic Inc.	6,839,936	275,269
*	Varian Medical Systems Inc.	2,285,430	259,899
	Dentsply Sirona Inc.	5,696,543	249,338
*	Jazz Pharmaceuticals plc	1,431,252	246,605
	Universal Health Services Inc. Class B	2,175,952	242,488
	Perrigo Co. plc	3,126,037	227,919
*	DaVita Inc.	3,120,037	227,618
*	Alnylam Pharmaceuticals Inc.	2,263,684	222,950
	STERIS plc	2,118,357	222,449
*	Neurocrine Biosciences Inc.	2,118,337	221,350
*	Nektar Therapeutics Class A	4,289,280	209,446
*	Sarepta Therapeutics Inc.	1,560,347	206,247
*	DexCom Inc.	2,095,112	198,994
*	Bluebird Bio Inc.	1,251,409	196,409
	West Pharmaceutical Services Inc.	1,857,247	184,406
*	Exact Sciences Corp.	3,058,085	182,843
*	Sage Therapeutics Inc.	1,106,398	173,184
	Seattle Genetics Inc.	· · ·	
*	Exelixis Inc.	2,578,701	171,200
*		7,459,904 3,875,764	160,537
	Alkermes plc Encompass Health Corp.	3,875,764 2,339,606	159,526 158,438
*	·		
-	Bio-Rad Laboratories Inc. Class A	523,534 1,651,530	151,060 144,245
*	Hill-Rom Holdings Inc.	1,651,539	144,245
-	Catalent Inc.	3,356,231	140,593
*	Bio-Techne Corp.	938,203	138,807
*	Molina Healthcare Inc.	1,385,744	135,720
*	Charles River Laboratories International Inc.	1,195,910	134,253
*	Envision Healthcare Corp.	3,021,197	132,963
*	Ionis Pharmaceuticals Inc.	3,129,307	130,398
*	Insulet Corp.	1,475,367	126,439

			Market
		Shares	Value (\$000)
*	PRA Health Sciences Inc.	1,279,162	119,423
*	Integra LifeSciences Holdings Corp.	1,847,467	118,995
*	FibroGen Inc.	1,883,637	117,916
*	Haemonetics Corp.	1,314,389	117,874
*	United Therapeutics Corp.	1,038,603	117,518
*	Masimo Corp.	1,162,708	113,538
*	ICU Medical Inc.	382,898	112,438
*	Loxo Oncology Inc.	642,733	111,501
*	Penumbra Inc.	774,276	106,966
*	Ligand Pharmaceuticals Inc.	515,065	106,706
*	Agios Pharmaceuticals Inc.	1,222,301	102,954
*	Neogen Corp.	1,230,115	98,643
*	MEDNAX Inc.	2,265,210	98,038
*	Globus Medical Inc.	1,835,671	92,628
	Ultragenyx Pharmaceutical Inc.	1,180,183	90,721
*,^	Syneos Health Inc.	1,930,037	90,519
*	Immunomedics Inc. Array BioPharma Inc.	3,795,205	89,832 88,700
	Cantel Medical Corp.	5,286,029 891,404	87,678
*	Acadia Healthcare Co. Inc.	2,101,366	85,967
*	Tenet Healthcare Corp.	2,101,500	85,521
*	Inogen Inc.	428,224	79,791
*,^	Teladoc Inc.	1,325,535	76,947
	Healthcare Services Group Inc.	1,745,350	75,382
	Bruker Corp.	2,545,440	73,920
*	Supernus Pharmaceuticals Inc.	1,225,721	73,359
*	Amicus Therapeutics Inc.	4,693,222	73,308
*	Wright Medical Group NV	2,683,564	69,665
*	Horizon Pharma plc	4,120,779	68,240
*,^	Heron Therapeutics Inc.	1,732,454	67,306
*	Halyard Health Inc.	1,171,406	67,063
*	LHC Group Inc.	779,861	66,748
*,^	Aerie Pharmaceuticals Inc.	986,497	66,638
*	NuVasive Inc.	1,277,104	66,563
*	Ironwood Pharmaceuticals Inc. Class A	3,477,602	66,492
*	Blueprint Medicines Corp.	1,044,175	66,284
*	Spark Therapeutics Inc.	797,989	66,042
	Myriad Genetics Inc. Amedisys Inc.	1,755,166 727,235	65,591 62,149
*	Portola Pharmaceuticals Inc.	1,635,164	61,760
*	Medicines Co.	1,676,662	61,533
*	Merit Medical Systems Inc.	1,194,509	61,159
*	Madrigal Pharmaceuticals Inc.	209,055	58,471
*	Magellan Health Inc.	603,403	57,897
*	Clovis Oncology Inc.	1,249,160	56,799
*	Arena Pharmaceuticals Inc.	1,235,377	53,862
*	Nevro Corp.	674,263	53,840
*	Emergent BioSolutions Inc.	1,059,912	53,515
*	Quidel Corp.	798,898	53,127
*	Novocure Ltd.	1,690,656	52,918
*	Global Blood Therapeutics Inc.	1,167,427	52,768
*	Prestige Brands Holdings Inc.	1,351,222	51,860
*	REGENXBIO Inc.	718,888	51,580
*	Halozyme Therapeutics Inc.	3,035,249	51,205
*	Foundation Medicine Inc.	372,321	50,896
*	Spectrum Pharmaceuticals Inc.	2,353,086	49,321
*	Omnicell Inc.	929,309	48,742
*	Endo International plc	5,016,641	47,307
	Puma Biotechnology Inc.	797,594	47,178 46,751
_	Acceleron Pharma Inc.	963,545	46,751
*,^	Select Medical Holdings Corp.	2,566,365	46,580 46,539
","	Intercept Pharmaceuticals Inc. Patterson Cos. Inc.	554,500 2,051,646	46,528 46,511
*	Repligen Corp.	2,051,646 985,951	46,379
	ποριίχοπ συτμ.	900,901	40,379

			Market Value
		Shares	(\$000)
*	LifePoint Health Inc.	943,739	46,054
*	NxStage Medical Inc.	1,646,655	45,942
*	Insmed Inc.	1,921,508	45,444
	CONMED Corp.	620,001	45,384
*	HMS Holdings Corp.	2,089,369	45,172
	Abaxis Inc.	542,269	45,014
*	Xencor Inc.	1,195,459	44,244
	Ensign Group Inc.	1,217,348	43,605
*	Brookdale Senior Living Inc.	4,668,973	42,441
	Amneal Pharmaceuticals Inc.	2,585,573	42,429
*,^	TESARO Inc.	954,106	42,429
	Enanta Pharmaceuticals Inc.	360,830	41,820
	MyoKardia Inc.	839,365	41,674
*,^	AxoGen Inc.	806,292	40,516
7,7	Corcept Therapeutics Inc.	2,565,308	40,327
*,^	Akorn Inc.	2,409,346	39,971
*,^	OPKO Health Inc.	8,489,583	39,901
	Editas Medicine Inc.	1,067,307	38,242
*,^	Mallinckrodt plc	2,049,220	38,238
*,^	ACADIA Pharmaceuticals Inc.	2,502,313	38,210
*	Zogenix Inc.	846,628	37,421
	Momenta Pharmaceuticals Inc.	1,807,873	36,971
	PTC Therapeutics Inc.	1,095,208	36,941
	Sangamo Therapeutics Inc.	2,577,589	36,602
	iRhythm Technologies Inc.	447,020	36,267
*	ImmunoGen Inc.	3,661,203	35,623
	Mirati Therapeutics Inc.	714,101	35,205
	BioTelemetry Inc.	775,047	34,877 34,728
*	Tivity Health Inc.	986,597	
	Varex Imaging Corp.	928,754	34,447
*,^	Acorda Therapeutics Inc. Glaukos Corp.	1,164,749 787,804	33,428 32,016
*	Pacira Pharmaceuticals Inc.	974,956	31,247
	Luminex Corp.	1,026,384	30,309
*	Atara Biotherapeutics Inc.	824,030	30,283
*,^	Radius Health Inc.	1,008,225	29,712
*	AnaptysBio Inc.	413,614	29,712
*	Retrophin Inc.	1,026,571	29,363 27,984
	US Physical Therapy Inc.	290,114	27,851
*	Natus Medical Inc.	802,149	27,631
*,^	TherapeuticsMD Inc.	4,355,252	27,074 27,177
*,^	Arrowhead Pharmaceuticals Inc.	1,959,942	26,655
*	Aimmune Therapeutics Inc.	988,506	26,581
*	Audentes Therapeutics Inc.	692,899	26,476
*	lovance Biotherapeutics Inc.	2,050,267	26,243
*	Intersect ENT Inc.	698,612	26,163
	Owens & Minor Inc.	1,561,158	26,087
*	Orthofix International NV	455,912	25,905
*	Cardiovascular Systems Inc.	793,566	25,664
*,^	Intrexon Corp.	1,779,629	24,808
*	STAAR Surgical Co.	792,595	24,570
*,^	Dynavax Technologies Corp.	1,595,121	24,326
*	Genomic Health Inc.	480,385	24,211
*	Innoviva Inc.	1,741,714	24,211
*	OraSure Technologies Inc.	1,445,337	23,805
*	G1 Therapeutics Inc.	542,256	23,566
*	Karyopharm Therapeutics Inc.	1,386,857	23,563
*,^	Esperion Therapeutics Inc.	599,518	23,495
*,^	Tandem Diabetes Care Inc.	1,060,413	23,350
*	NeoGenomics Inc.	1,764,567	23,133
*	Alder Biopharmaceuticals Inc.	1,460,508	23,133
*	K2M Group Holdings Inc.	1,024,079	23,070
*	Vanda Pharmaceuticals Inc.	1,193,011	22,727
*,^	Theravance Biopharma Inc.	1,002,058	22,727
,	тногачаное вюрнанна ню.	1,002,000	22,121

Revance Therapeutics Inc.         825,369           Cerus Corp.         3,386,168           Eagle Pharmaceuticals Inc.         296,914           Feature CryoLife Inc.         1,619,329           CryoLife Inc.         797,166           Triple-S Management Corp. Class B         565,979           AtriCure Inc.         801,524           Flexion Therapeutics Inc.         829,002           Omeros Corp.         1,158,369           Atrion Corp.         34,460           CytomX Therapeutics Inc.         891,376           AngioDynamics Inc.         894,813           Intellia Therapeutics Inc.         726,184           R1 RCM Inc.         2,278,756           Tactile Systems Technology Inc.         378,830           Kindred Healthcare Inc.         2,188,731           TG Therapeutics Inc.         1,471,915           Intra-Cellular Therapies Inc.         1,280,992           Cymabay Therapeutics Inc.         1,405,819           Rhythm Pharmaceuticals Inc.         584,106           Epizyme Inc.         1,236,745           Collegium Pharmaceutical Inc.         2,657,736           MiMedx Group Inc.         304,805           Surmodicis Inc.         615,171	Value (\$000) 22,656 22,586 22,465 22,347 22,201 22,107 21,681 21,430 21,013 20,655 20,377
. Cerus Corp.         3,386,168           . Eagle Pharmaceuticals Inc.         296,914           . Endocyte Inc.         1,619,329           . CryoLife Inc.         797,166           . Triple-S Management Corp. Class B         565,979           . AtriCure Inc.         801,524           . Flexion Therapeutics Inc.         829,002           . Omeros Corp.         1,158,369           . Atrion Corp.         34,460           . CytomX Therapeutics Inc.         891,376           . AngioDynamics Inc.         894,813           . Intellia Therapeutics Inc.         2,278,756           . Tactile Systems Technology Inc.         2,788,756           . Tactile Systems Technology Inc.         378,830           . Kindred Healthcare Inc.         2,188,731           . TG Therapeutics Inc.         1,089,186           . Intra-Cellular Therapies Inc.         927,097           . Cymabay Therapeutics Inc.         927,097           . Cymabay Therapeutics Inc.         584,106           . Epizyme Inc.         584,106           . Epizyme Inc.         1,280,992           . Collegium Pharmaceutical Inc.         1,280,992           . Collegium Pharmaceutical Inc.         2,657,736           . MiMedx Group Inc.         30	22,586 22,465 22,347 22,201 22,107 21,681 21,430 21,013 20,655 20,377
Image: Practical section of Endocyte Inc.         296,914           Image: Properties Inc.         1,619,329           Image: CryoLife Inc.         797,166           Image: Triple-S Management Corp. Class B         565,979           AtriCure Inc.         801,524           Image: Properties Inc.         829,002           Omeros Corp.         1,158,369           Atrion Corp.         34,460           CytomX Therapeutics Inc.         891,376           AngioDynamics Inc.         894,813           Intellia Therapeutics Inc.         726,184           R1 RCM Inc.         2,278,756           Tactile Systems Technology Inc.         378,830           Kindred Healthcare Inc.         2,188,731           Intra-Cellular Therapeutics Inc.         1,471,915           Intra-Cellular Therapies Inc.         1,089,186           MacroGenics Inc.         927,097           Cymabay Therapeutics Inc.         584,106           Rhythm Pharmaceuticals Inc.         1,280,992           Coherus Biosciences Inc.         1,280,992           Collegium Pharmaceutical Inc.         1,236,745           MiMedx Group Inc.         304,805	22,465 22,347 22,201 22,107 21,681 21,430 21,013 20,655 20,377
♣ Endocyte Inc.         1,619,329           C CryoLife Inc.         797,166           Triple-S Management Corp. Class B         565,979           AtriCure Inc.         801,524           ♣ Flexion Therapeutics Inc.         829,002           ♠ Omeros Corp.         1,158,369           Atrion Corp.         34,460           ♣ AngioDynamics Inc.         891,376           ♣ AngioDynamics Inc.         894,813           ♣ Intellia Therapeutics Inc.         726,184           ♣ R1 RCM Inc.         2,278,756           ♣ Tactile Systems Technology Inc.         378,830           ★ Kindred Healthcare Inc.         2,188,731           ♣ TG Therapeutics Inc.         1,471,915           ♣ Intra-Cellular Therapies Inc.         1,089,186           ♠ MacroGenics Inc.         927,097           ★ Windown Pharmaceuticals Inc.         1,405,819           ♣ Rhythm Pharmaceuticals Inc.         1,280,992           ♣ Coherus Biosciences Inc.         1,236,745           ♠ Milledx Group Inc.         2,657,736           ♠ Milledx Group Inc.         2,657,736           ♠ Surmodics Inc.         304,805	22,347 22,201 22,107 21,681 21,430 21,013 20,655 20,377
. CryoLife Inc.         797,166           . Triple-S Management Corp. Class B         565,979           . AtriCure Inc.         801,524           . Flexion Therapeutics Inc.         829,002           . Omeros Corp.         1,158,369           . Atrion Corp.         34,460           . AngioDynamics Inc.         891,376           . AngioDynamics Inc.         894,813           . Intellia Therapeutics Inc.         726,184           . R1 RCM Inc.         2,278,756           . Tactile Systems Technology Inc.         378,830           . Kindred Healthcare Inc.         2,188,731           . TG Therapeutics Inc.         1,471,915           . Intra-Cellular Therapies Inc.         1,089,186           . MacroGenics Inc.         927,097           . Winder Marmaceuticals Inc.         1,405,819           . Rhythm Pharmaceuticals Inc.         1,280,992           . Coherus Biosciences Inc.         1,280,992           . Collegium Pharmaceutical Inc.         716,351           . MilMedx Group Inc.         2,657,736           . Surmodics Inc.         304,805	22,201 22,107 21,681 21,430 21,013 20,655 20,377
* Triple-S Management Corp. Class B         565,979           A AtriCure Inc.         801,524           * Flexion Therapeutics Inc.         829,002           * Omeros Corp.         1,158,369           Atrion Corp.         34,460           * CytomX Therapeutics Inc.         891,376           * AngioDynamics Inc.         894,813           * Intellia Therapeutics Inc.         726,184           * R1 RCM Inc.         2,278,756           * Tactile Systems Technology Inc.         378,830           * Kindred Healthcare Inc.         2,188,731           * TG Therapeutics Inc.         1,471,915           Intra-Cellular Therapies Inc.         1,089,186           * MacroGenics Inc.         927,097           * Cymabay Therapeutics Inc.         1,405,819           * Rhythm Pharmaceuticals Inc.         584,106           * Epizyme Inc.         1,280,992           * Coherus Biosciences Inc.         1,280,992           * Collegium Pharmaceutical Inc.         2,657,736           * MilMedx Group Inc.         2,657,736           * Surmodics Inc.         304,805	22,107 21,681 21,430 21,013 20,655 20,377
. AtriCure Inc.       801,524         . Flexion Therapeutics Inc.       829,002         . Omeros Corp.       1,158,369         Atrion Corp.       34,460         . OtytomX Therapeutics Inc.       891,376         . AngioDynamics Inc.       894,813         . Intellia Therapeutics Inc.       726,184         . R1 RCM Inc.       2,278,756         . Tactile Systems Technology Inc.       378,830         . Kindred Healthcare Inc.       2,187,731         . Intra-Cellular Therapeutics Inc.       1,089,186         . MacroGenics Inc.       927,097         . Cymabay Therapeutics Inc.       1,405,819         . Rhythm Pharmaceuticals Inc.       584,106         . Epizyme Inc.       1,280,992         . Coherus Biosciences Inc.       716,351         . MilMedx Group Inc.       2,657,736         . MilMedx Group Inc.       304,805	21,681 21,430 21,013 20,655 20,377
Flexion Therapeutics Inc.         829,002           Omeros Corp.         1,158,369           Atrion Corp.         34,460           CytomX Therapeutics Inc.         891,376           AngioDynamics Inc.         894,813           Intellia Therapeutics Inc.         726,184           R1 RCM Inc.         2,278,756           Tactile Systems Technology Inc.         378,830           Kindred Healthcare Inc.         2,188,731           TG Therapeutics Inc.         1,471,915           Intra-Cellular Therapies Inc.         1,089,186           MacroGenics Inc.         927,097           Cymabay Therapeutics Inc.         1,405,819           Rhythm Pharmaceuticals Inc.         584,106           Epizyme Inc.         1,236,745           Cohlegium Pharmaceutical Inc.         716,351           MiMedx Group Inc.         2,657,736           MiMedx Group Inc.         304,805	21,430 21,013 20,655 20,377
*** Omeros Corp.       1,158,369         Atrion Corp.       34,460         ** CytomX Therapeutics Inc.       891,376         * AngioDynamics Inc.       894,813         ** Intellia Therapeutics Inc.       726,184         ** R1 RCM Inc.       2,278,756         ** Tactile Systems Technology Inc.       378,830         * Kindred Healthcare Inc.       2,188,731         ** TG Therapeutics Inc.       1,471,915         * Intra-Cellular Therapies Inc.       1,089,186         * MacroGenics Inc.       927,097         * Cymabay Therapeutics Inc.       1,405,819         * Rhythm Pharmaceuticals Inc.       584,106         * Epizyme Inc.       1,280,992         * Coherus Biosciences Inc.       1,236,745         * Collegium Pharmaceutical Inc.       716,351         * MiMedx Group Inc.       2,657,736         * Surmodics Inc.       304,805	21,013 20,655 20,377
Atrion Corp.       34,460         CytomX Therapeutics Inc.       891,376         AngioDynamics Inc.       894,813         Intellia Therapeutics Inc.       726,184         R1 RCM Inc.       2,278,756         Tactile Systems Technology Inc.       378,830         Kindred Healthcare Inc.       2,188,731         TG Therapeutics Inc.       1,471,915         Intra-Cellular Therapies Inc.       1,089,186         MacroGenics Inc.       927,097         Cymabay Therapeutics Inc.       1,405,819         Rhythm Pharmaceuticals Inc.       584,106         Epizyme Inc.       1,280,992         Coherus Biosciences Inc.       1,236,745         Collegium Pharmaceutical Inc.       716,351         MiMedx Group Inc.       2,657,736         Surmodics Inc.       304,805	20,655 20,377
** AngioDynamics Inc.       894,813         ** Intellia Therapeutics Inc.       726,184         ** R1 RCM Inc.       2,278,756         ** Tactile Systems Technology Inc.       378,830         * Kindred Healthcare Inc.       2,188,731         * TG Therapeutics Inc.       1,471,915         * Intra-Cellular Therapies Inc.       1,089,186         * MacroGenics Inc.       927,097         * Cymabay Therapeutics Inc.       1,405,819         * Rhythm Pharmaceuticals Inc.       584,106         * Epizyme Inc.       1,280,992         * Coherus Biosciences Inc.       1,236,745         * Collegium Pharmaceutical Inc.       716,351         * MiMedx Group Inc.       2,657,736         * Surmodics Inc.       304,805	
***       Intellia Therapeutics Inc.       726,184         **       R1 RCM Inc.       2,278,756         **       Tactile Systems Technology Inc.       378,830         *       Kindred Healthcare Inc.       2,188,731         **       TG Therapeutics Inc.       1,471,915         *       Intra-Cellular Therapies Inc.       1,089,186         *       MacroGenics Inc.       927,097         *       Cymabay Therapeutics Inc.       1,405,819         *       Rhythm Pharmaceuticals Inc.       584,106         *       Epizyme Inc.       1,280,992         *       Coherus Biosciences Inc.       12,36,745         *       Collegium Pharmaceutical Inc.       716,351         *       MilMedx Group Inc.       2,657,736         *       Surmodics Inc.       304,805	
** R1 RCM Inc.       2,278,756         ** Tactile Systems Technology Inc.       378,830         * Kindred Healthcare Inc.       2,188,731         * TG Therapeutics Inc.       1,471,915         * Intra-Cellular Therapies Inc.       1,089,186         * MacroGenics Inc.       927,097         * Cymabay Therapeutics Inc.       1,405,819         * Rhythm Pharmaceuticals Inc.       584,106         * Epizyme Inc.       1,280,992         * Coherus Biosciences Inc.       1,236,745         * Collegium Pharmaceutical Inc.       716,351         * MiMedx Group Inc.       2,657,736         * Surmodics Inc.       304,805	19,901
*** Tactile Systems Technology Inc.       378,830         * Kindred Healthcare Inc.       2,188,731         ** TG Therapeutics Inc.       1,471,915         * Intra-Cellular Therapies Inc.       1,089,186         * MacroGenics Inc.       927,097         * Cymabay Therapeutics Inc.       1,405,819         * Rhythm Pharmaceuticals Inc.       584,106         * Epizyme Inc.       1,280,992         * Coherus Biosciences Inc.       1,236,745         * Collegium Pharmaceutical Inc.       716,351         * MiMedx Group Inc.       2,657,736         * Surmodics Inc.       304,805	19,868
* Kindred Healthcare Inc.       2,188,731         * TG Therapeutics Inc.       1,471,915         * Intra-Cellular Therapies Inc.       1,089,186         * MacroGenics Inc.       927,097         * Cymabay Therapeutics Inc.       1,405,819         * Rhythm Pharmaceuticals Inc.       584,106         * Epizyme Inc.       1,280,992         * Coherus Biosciences Inc.       1,236,745         * Collegium Pharmaceutical Inc.       716,351         * MiMedx Group Inc.       2,657,736         * Surmodics Inc.       304,805	19,780
*** TG Therapeutics Inc.       1,471,915         * Intra-Cellular Therapies Inc.       1,089,186         * MacroGenics Inc.       927,097         * Cymabay Therapeutics Inc.       1,405,819         * Rhythm Pharmaceuticals Inc.       584,106         * Epizyme Inc.       1,280,992         * Coherus Biosciences Inc.       1,236,745         * Collegium Pharmaceutical Inc.       716,351         * MiMedx Group Inc.       2,657,736         * Surmodics Inc.       304,805	19,699
* Intra-Cellular Therapies Inc.       1,089,186         * MacroGenics Inc.       927,097         * Cymabay Therapeutics Inc.       1,405,819         * Rhythm Pharmaceuticals Inc.       584,106         * Epizyme Inc.       1,280,992         * Coherus Biosciences Inc.       1,236,745         * Collegium Pharmaceutical Inc.       716,351         * MiMedx Group Inc.       2,657,736         * Surmodics Inc.       304,805	19,699
* MacroGenics Inc.       927,097         * Cymabay Therapeutics Inc.       1,405,819         * Rhythm Pharmaceuticals Inc.       584,106         * Epizyme Inc.       1,280,992         * Coherus Biosciences Inc.       1,236,745         * Collegium Pharmaceutical Inc.       716,351         * MiMedx Group Inc.       2,657,736         * Surmodics Inc.       304,805	19,356 19,246
* Cymabay Therapeutics Inc.       1,405,819         * Rhythm Pharmaceuticals Inc.       584,106         * Epizyme Inc.       1,280,992         * Coherus Biosciences Inc.       1,236,745         * Collegium Pharmaceutical Inc.       716,351         * MiMedx Group Inc.       2,657,736         * Surmodics Inc.       304,805	19,240
* Rhythm Pharmaceuticals Inc.       584,106         * Epizyme Inc.       1,280,992         * Coherus Biosciences Inc.       1,236,745         * Collegium Pharmaceutical Inc.       716,351         * MiMedx Group Inc.       2,657,736         * Surmodics Inc.       304,805	18,866
<ul> <li>Epizyme Inc.</li> <li>Coherus Biosciences Inc.</li> <li>Collegium Pharmaceutical Inc.</li> <li>MiMedx Group Inc.</li> <li>Surmodics Inc.</li> <li>1,280,992</li> <li>1,236,745</li> <li>716,351</li> <li>2,657,736</li> <li>304,805</li> </ul>	18,259
* Collegium Pharmaceutical Inc.       716,351         * MiMedx Group Inc.       2,657,736         * Surmodics Inc.       304,805	17,357
** MiMedx Group Inc.       2,657,736         * Surmodics Inc.       304,805	17,314
* Surmodics Inc. 304,805	17,085
	16,983
HealthStream Inc. 615 171	16,825
	16,800
* Assembly Biosciences Inc. 428,190	16,789
*^ Athenex Inc. 897,614	16,749
Meridian Bioscience Inc. 1,049,078	16,680
* Heska Corp.       159,659         * Denali Therapeutics Inc.       1,071,640	16,571 16,342
National HealthCare Corp. 229,165	16,129
* AMAG Pharmaceuticals Inc. 816,814	15,928
* Medpace Holdings Inc. 354,488	15,243
*^ Geron Corp. 4,425,177	15,178
Invacare Corp. 812,747	15,117
* Natera Inc. 800,588	15,067
*^ La Jolla Pharmaceutical Co. 515,623	15,041
*^ Accelerate Diagnostics Inc. 667,628	14,888
* Deciphera Pharmaceuticals Inc. 368,215	14,489
* Kura Oncology Inc. 793,936	14,450
<ul> <li>Progenics Pharmaceuticals Inc.</li> <li>Adamas Pharmaceuticals Inc.</li> <li>546.660</li> </ul>	14,418 14,120
<ul><li>*A Adamas Pharmaceuticals Inc.</li><li>* RadNet Inc.</li><li>546,660</li><li>937,753</li></ul>	14,120
* Apellis Pharmaceuticals Inc. 635,793	13,987
* BioCryst Pharmaceuticals Inc. 2,407,403	13,794
* ANI Pharmaceuticals Inc. 205,095	13,700
LeMaitre Vascular Inc. 409,003	13,693
*^ Fate Therapeutics Inc. 1,180,892	13,391
* GlycoMimetics Inc. 812,815	13,111
* Cutera Inc. 323,796	13,049
* Five Prime Therapeutics Inc. 815,883	12,899
* Amphastar Pharmaceuticals Inc. 842,375	12,855
*^ Optinose Inc. 456,340	12,768
<ul> <li>Lantheus Holdings Inc.</li> <li>Aclaris Therapeutics Inc.</li> <li>876,458</li> <li>637,094</li> </ul>	12,752 12,723
* CorVel Corp. 235,328	12,723
*A Reata Pharmaceuticals Inc. Class A 361,469	12,708
* Lexicon Pharmaceuticals Inc. 1,052,238	12,627
*^ Novavax Inc. 9,290,836	12,450
* Sorrento Therapeutics Inc. 1,708,001	
*^ Cara Therapeutics Inc. 641,963	12,298
*^ Abeona Therapeutics Inc. 756,664	12,298 12,294 12,107

			Market Value
		Shares	(\$000)
*	Endologix Inc.	2,136,665	12,094
*	Akebia Therapeutics Inc.	1,186,970	11,846
*,^	Pacific Biosciences of California Inc.	3,334,838	11,839
*	Stemline Therapeutics Inc.	732,995	11,765
*,^	Lannett Co. Inc.	861,662	11,719
*	Rigel Pharmaceuticals Inc.	4,097,563	11,596
*	ArQule Inc.	2,091,210	11,564
*	Anika Therapeutics Inc.	358,057	11,458
*,^	Senseonics Holdings Inc.	2,753,274	11,316
*,^	Viking Therapeutics Inc.	1,170,181	11,105
*,^	Sientra Inc.	559,281	10,912
*,^	Rocket Pharmaceuticals Inc.	552,972	10,855
*,^	Verastem Inc.	1,540,076	10,596
*	Voyager Therapeutics Inc.	540,453	10,560
*	Invitae Corp.	1,427,573	10,493
*	ChemoCentryx Inc.	779,777	10,270
*	BioScrip Inc.	3,499,606	10,254
*,^	Synergy Pharmaceuticals Inc.	5,879,357	10,230
*	Addus HomeCare Corp.	177,955	10,188
*,^	Dicerna Pharmaceuticals Inc.	826,354	10,123
*	Vericel Corp.	1,040,260	10,091
	Utah Medical Products Inc.	89,720	9,883
*	Cytokinetics Inc.	1,174,595	9,749
*	PDL BioPharma Inc.	4,134,194	9,674
*	Depomed Inc.	1,431,673	9,549
*,^	ZIOPHARM Oncology Inc.	3,135,343	9,469
*,^	Dova Pharmaceuticals Inc.	311,902	9,332
*,^	Antares Pharma Inc.	3,582,297	9,242
*	Community Health Systems Inc.	2,754,499	9,145
*,^	Kadmon Holdings Inc.	2,289,979	9,137
*	NanoString Technologies Inc.	663,191	9,072
*	Achillion Pharmaceuticals Inc.	3,204,546	9,069
*,^	CytoSorbents Corp.	768,333	8,759
*	Dermira Inc.	948,079	8,722
*	Accuray Inc.	2,108,089	8,643
*	GenMark Diagnostics Inc.	1,346,005	8,587
*	Concert Pharmaceuticals Inc.	504,591	8,492
*,^	Inovio Pharmaceuticals Inc.	2,157,892	8,459
*,^	CareDx Inc.	675,488	8,268
*,^	Keryx Biopharmaceuticals Inc.	2,177,438	8,187
*	Kindred Biosciences Inc.	766,034	8,158
*,^	Solid Biosciences Inc.	218,792	7,796
*,^	Paratek Pharmaceuticals Inc.	761,179	7,764
*,^	Akcea Therapeutics Inc.	326,910	7,751
*	Zafgen Inc.	755,863	7,732
*,^	Bellicum Pharmaceuticals Inc.	1,032,463	7,620
*,^	ViewRay Inc.	1,080,349	7,476
*,^	Surgery Partners Inc.	496,732	7,401
*	Catalyst Pharmaceuticals Inc.	2,361,658	7,368
*	Aduro Biotech Inc.	1,042,693	7,299
*	Adverum Biotechnologies Inc.	1,368,241	7,252
*,^	CASI Pharmaceuticals Inc.	874,637	7,198
*	BioSpecifics Technologies Corp.	157,967	7,086
*	Minerva Neurosciences Inc.	858,347	7,081
*,^	Achaogen Inc.	815,876	7,065
*	CTI BioPharma Corp.	1,390,899	6,927
*	Capital Senior Living Corp.	648,867	6,923
*	Civitas Solutions Inc.	414,068	6,791
*,^	AVEO Pharmaceuticals Inc.	2,972,686	6,718
*,^	MannKind Corp.	3,520,716	6,689
*	Enzo Biochem Inc.	1,275,089	6,618
*,^	Clearside Biomedical Inc.	608,323	6,503
*	RTI Surgical Inc.	1,413,679	6,503
*,^	Corbus Pharmaceuticals Holdings Inc.	1,286,614	6,497
		1,200,017	0,707

			Market Value
		Shares	(\$000)
*,^	MediciNova Inc.	815,667	6,493
*,^	Marinus Pharmaceuticals Inc.	915,297	6,471
*,^	Corium International Inc.	805,223	6,450
*	Melinta Therapeutics Inc.	998,619	6,341
*,^	T2 Biosystems Inc. Rockwell Medical Inc.	803,284 1,260,230	6,217 6,213
*	Sienna Biopharmaceuticals Inc.	404,597	6,146
*	Unum Therapeutics Inc.	422,308	6,060
*,^	SIGA Technologies Inc.	1,017,293	6,043
*,^	Savara Inc.	525,142	5,945
*,^	Athersys Inc.	2,986,229	5,883
*	Idera Pharmaceuticals Inc.	4,420,000	5,834
*	Durect Corp.	3,723,360	5,808
*	Inspire Medical Systems Inc.	160,361	5,718
*	Veracyte Inc.	608,274	5,681
*,^	Agenus Inc.	2,457,912	5,579
*,^	Apollo Medical Holdings Inc. Selecta Biosciences Inc.	214,919	5,558 5,461
*	OrthoPediatrics Corp.	412,123 204,963	5,461 5,460
*,^	PetIO Inc.	202.232	5,432
*,^	Insys Therapeutics Inc.	749,630	5,427
*	Syros Pharmaceuticals Inc.	529,625	5,407
*	Chimerix Inc.	1,130,865	5,383
*,^	Palatin Technologies Inc.	5,422,870	5,259
*,^	Homology Medicines Inc.	248,985	5,079
*	Mersana Therapeutics Inc.	281,711	5,031
*	Ocular Therapeutix Inc.	717,276	4,842
*,^	BioTime Inc.	2,329,213	4,798
*,^	Vital Therapies Inc.	695,533	4,764
*,^	Avid Bioservices Inc.	1,213,783	4,758
* ^	American Renal Associates Holdings Inc. Cohbar Inc.	301,632	4,757 4,731
*,^	Galectin Therapeutics Inc.	722,252 735,995	4,731
*,^	Seres Therapeutics Inc.	542,839	4,668
*	Tetraphase Pharmaceuticals Inc.	1,294,615	4,622
*	Harvard Bioscience Inc.	859,931	4,601
*	Aratana Therapeutics Inc.	1,063,683	4,521
*	FONAR Corp.	170,182	4,518
*,^	Amyris Inc.	684,216	4,372
*	Aeglea BioTherapeutics Inc.	410,752	4,346
*	Corvus Pharmaceuticals Inc.	394,400	4,330
*	Immune Design Corp.	951,025	4,327
*,^	Cue Biopharma Inc.	363,047	4,306
*,^	Ardelyx Inc. Ampio Pharmaceuticals Inc.	1,154,946	4,273 4,272
*,^	GTx Inc.	1,941,946 274,632	4,272
*,^	BioDelivery Sciences International Inc.	1,414,198	4,172
*,^	Tocagen Inc.	445,490	4,161
*,^	Teligent Inc.	1,198,067	4,145
*	Fluidigm Corp.	692,728	4,129
*,^	Synlogic Inc.	411,410	4,044
*	Kala Pharmaceuticals Inc.	293,461	4,029
*	XOMA Corp.	192,716	4,024
*,^	Helius Medical Technologies Inc. Class A	409,633	3,900
*	Quorum Health Corp.	771,176	3,856
*,^	Neos Therapeutics Inc.	615,637	3,848
*	SeaSpine Holdings Corp.	302,141	3,813
	Catalyst Biosciences Inc.	322,900 300,377	3,768
*,^	Calyxt Inc. Pfenex Inc.	200,277 682,191	3,739 3,691
*	Ra Pharmaceuticals Inc.	369,649	3,678
*	Chembio Diagnostics Inc.	329,680	3,659
*,^	AcelRx Pharmaceuticals Inc.	1,044,710	3,526
*	Calithera Biosciences Inc.	703,130	3,516
			-,0

			Market Value
_		Shares	(\$000)
*	MEI Pharma Inc.	880,806	3,470
*	Aldeyra Therapeutics Inc.	429,986	3,418
*	Jounce Therapeutics Inc. Eiger BioPharmaceuticals Inc.	440,533 274,247	3,374 3,346
*,^	Organovo Holdings Inc.	2,362,328	3,307
*	AAC Holdings Inc.	352,762	3,305
*,^	Evolus Inc.	117,145	3,279
*,^	Conatus Pharmaceuticals Inc.	765,014	3,274
*,^	NewLink Genetics Corp.	686,633	3,268
*,^	ADMA Biologics Inc.	712,900	3,215
-	ContraFect Corp. Aceto Corp.	1,434,632 919,622	3,171 3,081
*,^	Genesis Healthcare Inc.	1,313,128	3,007
*,^	Zynerba Pharmaceuticals Inc.	307,385	2,994
*,^	Odonate Therapeutics Inc.	134,091	2,961
*,^	Tyme Technologies Inc.	926,156	2,927
*	Bovie Medical Corp.	665,652	2,896
*	Syndax Pharmaceuticals Inc.	409,853	2,877
*,^	Arcus Biosciences Inc.	234,334	2,868
*	Sesen Bio Inc. Allena Pharmaceuticals Inc.	1,440,671 214,529	2,809 2,795
*	Miragen Therapeutics Inc.	434,596	2,786
*	Celcuity Inc.	107.764	2,675
*,^	Spring Bank Pharmaceuticals Inc.	225,402	2,671
*,^	Anavex Life Sciences Corp.	1,010,161	2,647
*	Surface Oncology Inc.	156,411	2,551
*,^	iRadimed Corp.	122,879	2,550
	Psychemedics Corp.	132,234	2,544
*,^	BioLife Solutions Inc.	221,176	2,524
*,^	Mustang Bio Inc. Adamis Pharmaceuticals Corp.	366,024 782,045	2,522 2,503
*	Infinity Pharmaceuticals Inc.	1,298,402	2,480
*,^	EyePoint Pharmaceuticals Inc.	1,179,356	2,453
*,^	Gemphire Therapeutics Inc.	239,413	2,440
*	Ophthotech Corp.	882,771	2,410
*	Ovid therapeutics Inc.	306,127	2,388
*,^	Eloxx Pharmaceuticals Inc.	136,883	2,337
	Aptevo Therapeutics Inc. Recro Pharma Inc.	446,531 443,396	2,228 2,226
*	Bioxcel Therapeutics Inc.	234,967	2,220
*	Protagonist Therapeutics Inc.	316,162	2,125
*,^	HTG Molecular Diagnostics Inc.	640,999	2,090
*,^	Cidara Therapeutics Inc.	395,629	2,057
*	Juniper Pharmaceuticals Inc.	233,525	2,032
*,^	Sophiris Bio Inc.	718,437	2,019
*,^	Corindus Vascular Robotics Inc.	2,399,515	1,981
*,^	SCYNEXIS Inc. NantKwest Inc.	1,198,544 635,282	1,966
*	Otonomy Inc.	499.546	1,944 1,923
*,^	Fortress Biotech Inc.	644,427	1,920
*,^	Pulse Biosciences Inc.	122,827	1,860
*,^	Invuity Inc.	465,260	1,815
*	Joint Corp.	219,797	1,798
*,^	Nobilis Health Corp.	1,482,407	1,779
*,^	Novan Inc.	590,876	1,737
*,^	Proteostasis Therapeutics Inc.	622,010 130,942	1,735 1,734
*	Misonix Inc. Trevena Inc.	139,843 1,192,783	1,734 1,718
*,^	OncoSec Medical Inc.	1,192,783	1,718
*,^	XBiotech Inc.	379,164	1,699
*	IRIDEX Corp.	249,167	1,689
	Tricida Inc.	56,367	1,685
*,^	KemPharm Inc.	255,572	1,661
*,^	Bellerophon Therapeutics Inc.	686,231	1,661

			Market
		Shares	Value (\$000)
*,^	Xtant Medical Holdings Inc.	299,044	1,660
*,^	VIVUS Inc.	2,337,262	1,648
*,^	Celldex Therapeutics Inc.	3,249,146	1,636
*,^	Ekso Bionics Holdings Inc.	904,808	1,620
*,^	BrainStorm Cell Therapeutics Inc.	412,248	1,608
*	Conformis Inc.	1,265,091	1,581
*	Histogenics Corp.	630,548	1,576
*,^	resTORbio Inc. Catabasis Pharmaceuticals Inc.	170,859	1,563
*,^	Viveve Medical Inc.	1,605,389 562,975	1,540 1,531
,	Merrimack Pharmaceuticals Inc.	303,329	1,489
*	Kiniksa Pharmaceuticals Ltd. Class A	84,550	1,467
*,^	Zosano Pharma Corp.	354,246	1,445
*,^	Sunesis Pharmaceuticals Inc.	672,732	1,426
*,^	Sensus Healthcare Inc.	192,174	1,395
*,^	TapImmune Inc.	147,909	1,395
*	OncoMed Pharmaceuticals Inc.	603,265	1,394
*	Regulus Therapeutics Inc.	2,078,501	1,370
*	Alpine Immune Sciences Inc.	180,890	1,369
*	Versartis Inc.	676,069	1,369
*,^	Alimera Sciences Inc.	1,374,781	1,345
*,^	Tracon Pharmaceuticals Inc.	497,527	1,343
*	Molecular Templates Inc.	254,524	1,331
*	InfuSystem Holdings Inc.	372,833	1,324
*	Krystal Biotech Inc.	86,943	1,293
*,^	Second Sight Medical Products Inc.	722,783	1,200
*,^	Advaxis Inc.	824,712	1,196
*,^	Cumberland Pharmaceuticals Inc. Curis Inc.	194,545	1,193
*	Menlo Therapeutics Inc.	673,049 142,255	1,164 1,155
*,^	Spero Therapeutics Inc.	78,094	1,146
*,^	Caladrius Biosciences Inc.	174,630	1,130
*,^	AzurRx BioPharma Inc.	348,814	1,120
*,^	Asterias Biotherapeutics Inc. Class A	804,565	1,086
*,^	Imprimis Pharmaceuticals Inc.	483,269	1,063
*,^	Axsome Therapeutics Inc.	331,550	1,061
*,^	Genocea Biosciences Inc.	1,225,285	1,048
*	Electromed Inc.	188,884	1,024
*	Alphatec Holdings Inc.	339,444	1,012
*,^	Actinium Pharmaceuticals Inc.	1,543,137	988
*,^	Rexahn Pharmaceuticals Inc.	697,518	983
*	Apollo Endosurgery Inc.	136,681	954
*,^	Celsion Corp.	317,098	935
*,^	Applied Genetic Technologies Corp. Restoration Robotics Inc.	246,541	912
*	Aptinyx Inc.	248,798 35.532	863 859
*,^	Opiant Pharmaceuticals Inc.	59,762	854
*,^	UNITY Biotechnology Inc.	56,550	852
*	Avrobio Inc.	29,363	839
*	CAS Medical Systems Inc.	424,399	828
*,^	Oncocyte Corp.	318,793	813
*,^	Evoke Pharma Inc.	320,197	800
*,^	Heat Biologics Inc.	366,360	788
*,^	Leap Therapeutics Inc.	86,614	780
*	Aevi Genomic Medicine Inc.	683,697	759
*,^	Moleculin Biotech Inc.	408,934	732
*,^	Synthetic Biologics Inc.	3,034,629	725
*,^	Navidea Biopharmaceuticals Inc.	3,067,067	701
*,^	Pernix Therapeutics Holdings Inc.	276,171	671
*,^	OvaScience Inc.	737,991	670
*,^	BioPharmX Corp.	2,965,020	655
*,^	Matinas BioPharma Holdings Inc. Vermillion Inc.	1,485,839 823,255	645 643
*,^	Fulgent Genetics Inc.	823,255 155,059	642
,	i digent deliblics inc.	100,009	042

Capricor Therapeutics Inc.				Market Value
6 Kall/vista Phramacoutcales Inc.         79,070         624           6 Forty Seven Inc.         39,445         631           6 Arsanis Inc.         167,445         603           7 Arsanis Inc.         1560,400         605           6 Akers Bosciences Inc.         19,000         605           6 Akers Bosciences Inc.         19,000         605           6 Holding Corp.         90,000         573           6 Holding Corp.         42,283         574           6 Schramscoutcals Inc.         10,100         573           6 Schramscoutcals Inc.         42,283         576           7 Oyfix Corp.         482,387         566           8 SELLAS Life Sciences Group Inc.         160,583         548           9 Obioin Therapeutics Inc.         254,939         548           9 Egiale Corp.         124,337         455           10 Obioin Therapeutics Inc.         254,939         548           10 Obioin Therapeutics Inc.         254,939         548           10 Obioin Therapeutics Inc.         120,377         472           10 Obioin Therapeutics Inc.         120,377         472           10 Obioin Therapeutics Inc.         120,377         472           10 Obioin Therapeutics Inc.			Shares	(\$000)
For Seven Inc.         39.445         631           Arasnis Inc.         167.455         688           Dijaried Corp.         380,006         605           Akeris Bloedenices Inc.         1,600,000         604           Champions Oncology Inc.         30,800         805           Torix Fibramecuticals Holding Corp.         30,800         805           Torix Corp.         101,000         573           Western Therapeutics Inc.         101,000         573           Vive Corp.         482,263         571           Vive Corp.         492,263         571           Vive Corp.         492,357         566           Feigh Therapeutics Inc.         100,353         548           SELLAS Life Sciences Group Inc.         100,353         548           Feigh Therapeutics Inc.         323,007         495           Fee Star Senior Living Inc.         323,007         495           College Corp.         50,604         444           No College Corp.         50,604         444           No Corp.         50,604         444           No Corp.         50,604         444           No Corp.         50,604         444           No Corp. <td< td=""><td>*,^</td><td></td><td></td><td></td></td<>	*,^			
****         Amanis Inc.         167,445         608           Diginal Corp.         390,00         605           Aker Bissedience Inc.         1,560,000         604           Champion Oncology Inc.         19,690         503           Toma Pharmaceutrasi McGrop.         130,005         881           Exists Invariance Inc.         20,000         571           Magental Therapeutics Inc.         42,285         575           Cyffs Corp         42,285         573           Oyffs Corp         42,285         576           Edge Therapeutics Inc.         153,2519         588           SELLAS Life Sciences Group Inc.         160,353         548           Eleas Therapeutics Inc.         254,399         548           EVE Star Serior Living Inc.         23,367         456           Eve Star Serior Living Inc.         32,363         436           Catasys Inc.         39,088         422           Vicinity Pharma Inc.         42,277         474           Action Medical Inc.         39,088         422           Post Therapeutics Inc.         39,088         422           Post Therapeutics Inc.         313,349         399           Value Pharma Inc.         423,272 <td>*</td> <td></td> <td></td> <td></td>	*			
Digitard Corp.				
44 Airs Bissciences Inc.         1,860,400         604           C Champions Oncology Inc.         91,890         500           Tornic Pharmaceuticals Inc.         130,509         581           5 Sepharmaceuticals Inc.         120,204         571           4 Sepharmaceuticals Inc.         42,233         571           Cythx Cop.         482,357         586           Edge Thrapportics Inc.         521,533         548           Edge Thrapportics Inc.         521,533         548           5 Elgar Thrapportics Inc.         521,533         548           6 Elgar Thrapportics Inc.         521,533         548           6 Elgar Thrapportics Inc.         521,533         548           7 Five Star Spring Living Inc.         521,533         548           8 Five Star Spring Living Inc.         70,338         473           1 Institute Inc.         330,089         452           2 Institute Inc.         330,089         452           3 Institute Inc.         35,203         444           4 Nome Therapeutics Inc.         35,203         444           4 Nome Therapeutics Inc.         35,203         442           4 Nome Therapeutics Inc.         32,359         422           4 Nome Therapeutic	-,/			
champions Oncology Inc.         391,689         589           cloub Fhammeauticals Indiang Corp.         130,599         581           cibico Therapeutics Inc.         101,200         573           Magentar Therapeutics Inc.         42,263         571           Cyffix Corp.         492,357         556           Edge Therapeutics Inc.         532,519         548           Cyffix Corp.         160,333         548           SELLAS Life Sciences Group Inc.         160,335         548           Obboton Therapeutics Inc.         224,539         548           Fee Star Senior Living Inc.         323,637         455           Egalet Corp.         1123,477         474           Catesy Inc.         383,009         444           Voral Inc.         383,009         444           Voral Inc.         383,009         444           Noon Therapeutics Inc.         383,009         444           Noon Therapeutics Inc.         383,009         442           Noon Therapeutics Inc.         383,009         442           Noon Therapeutics Inc.         383,009         422           Velocity Pharme Inc.         288,011         396           Keezar Life Sciences Inc.         22,617	*,^			
1 Tonk Pharmaceuticals Holding Corp.         130,509         581           1 Eidos Threapeutics Inc.         101,200         573           2 Scharmaceuticals Inc.         101,200         573           2 Cyths Corp.         492,357         556           2 Edge Therapeutics Inc.         492,357         556           3 Edge Therapeutics Inc.         180,353         548           4 SELLAS Life Sciences Group Inc.         180,353         548           5 Pre Star Science Living Inc.         180,353         485           6 Classing Management Inc.         193,353         485           7 Vial Inc.         330,089         495           8 Classing Management Inc.         330,089         495           9 Virgal Inc.         330,089         495           1 ImmuCell Corp.         68,054         444           1 Noon Therapeutics Inc.         37,272         441           2 Acthor Medical Inc.         32,599         422           Mymorth Medical Inc.         333,894         412           4 Checkpoint Therapeutics Inc.         133,894         411           5 Classifical Group Inc. CVR         288,011         396           6 Classifical Group Inc. CVR         383,011         396 <t< td=""><td>*</td><td></td><td></td><td></td></t<>	*			
1. Elidos Therapeutica Inc.         28,204         574           5. Sepharmaceuticals Inc.         101,200         573           5. Magonta Therapeutica Inc.         42,263         571           6. Edge Therapeutica Inc.         522,519         588           7. Obtion Therapeutica Inc.         252,519         588           8. SELLAS List Selences Group Inc.         252,539         588           8. SELLAS List Selences Group Inc.         24,393         588           8. Fave Star Senior Living Inc.         24,393         588           8. Fave Star Senior Living Inc.         10,3477         474           9. Catasy Inc.         323,937         485           1. Catasy Inc.         333,939         422           1. Catasy Inc.         333,939         422           1. Neon Therapeutics Inc.         333,939         422           1. Neon Therapeutics Inc.         473,723         431           2. Actions Medical Inc.         138,954         411           3. April Pharmaceutical Inc.         138,954         411           4. Checkpoint Therapeutics Inc.         138,954         399           4. Kezz Life Sciences Inc.         28,011         396           5. Kezz Life Sciences Inc.         333,934         399	*			
Magnata Therapeutics Inc.         42,263         571           Cyfik Corp.         492,357         556           Edga Tharapeutics Inc.         525,159         548           SELLAS Life Sciences Group Inc.         525,159         548           Obalon Therapeutics Inc.         24,939         548           Five Star Senior Living Inc.         24,939         548           Egalet Corp.         1,123,477         474           Catasy Inc.         393,089         452           Catasy Inc.         393,089         452           Immodell Corp.         69,064         444           Neon Therapeutics Inc.         35,003         444           April Medical Inc.         35,003         444           April Medical Group Inc.         35,003         444           Morphamalic.         35,003         444           Mark Companies.         35,003         444           Mark Companies.         35,003         444           Inception Inc.         35,003         444           April Therapeutics Inc.         35,003         444           Micro Inception Inc.         32,003         379           Virgin Medical Group Inc. CVP         28,003         379	*			574
Cyfix Corp.         492,387         566           Edge Therapeutics Inc.         532,519         548           SELLAS Life Sciences Group Inc.         100,383         548           SELLAS Life Sciences Group Inc.         294,393         548           Fire Star Senior Living Inc.         323,637         485           Eppele Corp.         1,123,477         474           Vical Inc.         393,089         452           ImmuCell Corp.         55,064         444           Neon Interpeutics Inc.         55,064         444           Neon Interpeutics Inc.         473,723         431           Aption Medical Inc.         338,983         471           Aption Medical Inc.         138,984         411           Aption Medical Inc.         138,984         373           Aption Medical Inc.         145,629         382	*,^	scPharmaceuticals Inc.	101,200	573
Elega Therapeutics Inc.         524,519         548           SELLAS Life Sciences Group Inc.         160,353         548           Obalon Therapeutics Inc.         254,393         548           Eley Star Senior Living Inc.         323,637         495           Egalet Corp.         1,123,477         474           Vical Inc.         393,089         452           Viry Inc.         393,089         452           Immodell Corp.         35,003         444           Neon Therapeutics Inc.         35,203         444           Apthon Medical Inc.         329,992         422           Myom One.         133,954         411           Checkpoint Therapeutics Inc.         138,954         431           Myom One.         133,954         431           Wirght Medical Group Inc. CVR         288,011         396           Kezar Life Sciences Inc.         288,011         396           Cleveland Blockabs Inc.         152,609         382           Cleveland Blockabs Inc.         152,609         382           Virght Merapeutics Inc.         218,333         373           Scholar Rock Holding Corp.         22,945         352           Apil Enrapeutics Inc.         152,009         <	*,^			
SELLAS Life Sciences Group Inc.         160,8553         548           Oblan Therapeutics Inc.         325,8393         488           Five Star Senior Living Inc.         323,637         485           Catasys Inc.         70,338         473           Vical Inc.         393,089         452           ImmuCell Corp.         65,054         444           Noon Therapeutics Inc.         35,203         444           3fy Pharma Inc.         473,723         431           Aethon Medical Inc.         138,854         411           Myomo Inc.         138,854         411           Checkpoint Therapeutics Inc.         138,854         431           Villegar Experiences Inc.         133,849         399           Wight Medical Group Inc. CVR         28,011         396           Kezz Life Sciences Inc.         22,617         391           Cleekepind BioLabs Inc.         152,629         382           Neurasteam Inc.         341,528         379           Isolar Pharmaceuticals Inc.         152,634         325           Cyclacel Pharmaceuticals Inc.         63,76         32           Alleon Therapeutics Inc.         63,76         32           Scholar Rock Holding Corp.         22,54				
Volation Therappeutics Inc.         254,939         548           Five Star Senior Living Inc.         323,657         485           Egalet Corp.         1123,477         474           Volatillor.         330,809         452           Vical Inc.         350,009         452           ImmuCell Corp.         65,054         444           Neon Therappeutics Inc.         35,203         444           Aymmeller.         479,279         421           Author Medical Inc.         328,595         422           Mymon the Medical Group Inc.         138,384         411           Checkpoint Therappeutics Inc.         138,384         339           Wiright Medical Group Inc. Orl         288,011         398           Kazar Life Sciences Inc.         288,011         398           Cleveland Blotabs Inc.         288,011         398           Verice Pharmaceuticals Inc.         31,528         379           Lord Spanning Inc.         31,528         379           Lord Spanning Inc.         32,333         373           Coverlace Pharmaceuticals Inc.         31,509         30           Lord Spanning Inc.         32,333         373           Spanning Inc.         32,434			·	
1. Five Star Senior Living Inc.         23,837         485           Egalet Corp.         1,123,477         474           Catasys Inc.         70,338         473           Vical Inc.         933,089         452           InmuCell Corp.         65,054         444           Neon Therapeutics Inc.         35,203         444           aliyr Pharma Inc.         473,723         431           Aethon Medical Inc.         329,592         422           Myono Inc.         138,895         411           Checkpoint Therapeutics Inc.         133,849         399           Wright Medical Group Inc. CVR         28,811         36           Kezar Life Sciences Inc.         22,617         391           Cleckpoint Therapeutics Inc.         155,269         382           Neuralsteam Inc.         341,528         379           Isolar Pharmaceuticals Inc.         362,333         373           Aglie Therapeutics Inc.         63,755         352           Varica Pharmaceuticals Inc.         63,755         352           Varica Pharmaceuticals Inc.         63,755         323           Varica Pharmaceuticals Inc.         63,755         333           Varica Pharmaceuticals Inc.         63,755<				
Egalet Corp.         1,122,477         474           Catasys Inc.         393,089         452           Vical Inc.         393,089         452           ImmuCell Corp.         66,064         444           Neon Therapeutics Inc.         35,203         444           al Tyr Pharma Inc.         473,723         441           Achtloin Medical Inc.         138,964         411           Checkpoint Therapeutics Inc.         133,849         389           Wright Medical Group Inc. CVR         280,111         386           Kezar Life Sciences Inc.         22,617         391           Cleveland BioLabs Inc.         155,689         382           Neuralistem Inc.         314,528         379           Isofay Inc.         833,336         375           Cyclacel Pharmaceuticals Inc.         26,933         373           Cyclacel Pharmaceuticals Inc.         60,933         373           Scholar Flock Holding Corp.         22,545         352           Hairon Therapeutics Inc.         60,475         322           Titan Pharmaceuticals Inc.         16,922         344           Vernice Pharmaceuticals Inc.         16,922         344           Vernice Therapeutics Inc.         48,046 </td <td></td> <td></td> <td></td> <td></td>				
Catasys Inc.         70,338         473           Vical Inc.         393,098         452           ImmuCell Corp.         65,054         444           A Inc.         35,203         444           A Fly Pharma Inc.         372,592         421           A Aethin Medical Inc.         329,592         422           Myorno Inc.         138,954         411           Checkpoint Therapeutics Inc.         138,954         411           Wingth Medical Group Inc. CVR         288,011         396           Wingth Medical Group Inc. CVR         288,011         396           Neuralstern Inc.         155,299         382           Neuralstern Inc.         155,299         382           Neuralstern Inc.         833,336         375           Cyclacel Pharmaceuticals Inc.         833,336         375           Cyclacel Pharmaceuticals Inc.         83,336         375           Aglier Therapeutics Inc.         63,175         362           Titan Pharmaceuticals Inc.         63,175         362           Titan Pharmaceuticals Inc.         16,922         334           Wirer Pharmaceuticals Inc.         16,922         334           Verica Pharmaceuticals Inc.         129,943 <td< td=""><td></td><td></td><td>·</td><td></td></td<>			·	
Vial Inc.         393,089         452           ImmuCall Corp.         65,054         444           Neon Therapeutics Inc.         35,203         444           A a Tyr Pharma Inc.         473,723         431           A Athlon Medical Inc.         329,592         422           Myomo Inc.         138,954         411           Checkpoint Therapeutics Inc.         133,849         399           Wight Medical Group Inc. CVR         288,011         396           Kezar Life Sciences Inc.         22,617         391           Cleckpland Blot Jab Inc.         341,528         379           Neuralstem Inc.         341,528         379           Is Sofaly Inc.         341,528         379           Is Sofaly Inc.         341,528         379           Is Sofaly Inc.         341,528         379           Sofolar Rock Holding Corp.         362,933         373           Alleron Therapeutics Inc.         31,899         340           Biomerica Inc.         31,899         340           Itar Pharmaceuticals Inc.         31,899         340           Is Biomerica Inc.         31,899         340           Increase Inc.         35,466         333				
ImmuCell Corp.				
4 af Vr Pharma Inc.         473,723         441           Aethino Medical Inc.         329,522         422           Myomo Inc.         138,954         411           Checkpoint Therapeutics Inc.         138,954         411           Wright Medical Group Inc. CVR         288,011         396           Cleveland BioLabs Inc.         155,269         382           Neuralistem Inc.         833,336         375           Verglage Pharmaceuticals Inc.         833,336         375           Cyclaced Pharmaceuticals Inc.         754,951         373           Aglier Therapeutics Inc.         63,175         322           Alleron Therapeutics Inc.         63,175         322           Alleron Therapeutics Inc.         311,809         340           Tital Pharmaceuticals Inc.         311,809         340           Tital Pharmaceuticals Inc.         311,809         340           Biomerica Inc.         311,809         340           Vertica Pharmaceuticals Inc.         16,922         334           Vertica Pharmaceuticals Inc.         16,922         334           Vertica Pharmaceuticals Inc.         28,203         333           Varicibed Inc.         122,069         317           Diversicare	*		•	
A Athlon Medical Inc.         329,592         422           Myome Inc.         138,854         411           C Checkpoint Therapeutics Inc.         133,849         399           Whight Medical Group Inc. CVR         28,011         336           Kezar Life Sciences Inc.         22,617         391           Cleveland BioLabs Inc.         315,5269         382           Neural Statem Inc.         833,336         375           IsoRay Inc.         833,336         375           Cyclacel Pharmaceuticals Inc.         262,933         373           Agile Therapeutics Inc.         754,951         373           Scholar Rock Holding Corp.         22,545         352           Titan Pharmaceuticals Inc.         311,809         340           Biomerica Inc.         311,809         340           Biomerica Inc.         870,63         339           Verrica Pharmaceuticals Inc.         16,922         334           Microbot Medical Inc.         450,466         333           Verrica Pharmaceuticals Inc.         28,003         333           Various Therapeutics Inc.         42,006         317           Value Therapeutics Inc.         9752,491         331           Value Therapeutics Inc.	*			444
** Myomo Inc.         138,954         411           Checkpoint Therapeutics Inc.         133,849         399           ** Wright Medical Group Inc. CVR         288,011         396           ** Kezar Life Sciences Inc.         22,617         391           ** Cleveland BioLabs Inc.         155,269         382           ** Nouralstem Inc.         341,528         379           ** IsoRay Inc.         333,336         375           ** Cyclacel Pharmaceuticals Inc.         262,933         373           ** Aglier Therapeutics Inc.         63,175         342           ** Alleron Therapeutics Inc.         63,175         342           ** Alleron Therapeuticals Inc.         311,809         340           ** Blomerica Inc.         311,809         340           ** Blomerica Inc.         16,922         334           ** Verrica Pharmaceuticals Inc.         16,922         334           ** Verrica Pharmaceuticals Inc.         16,922         334           ** Evel Biosciences Inc.         229,443         333           ** Variage Pharmaceuticals Inc.         752,491         331           ** Outsterix Corp.         22,069         317           ** Diversicare Healthcare Services Inc.         83,998         301	*,^		473,723	431
Checkpoint Therapeutics Inc.         133,849         399           Wight Medical Group Inc.CVR         288,011         396           Cleveland BicLabs Inc.         155,269         382           Neural Steiner Inc.         341,528         379           IsoPlay Inc.         833,336         375           IsoPay Inc.         802,933         373           Agile Therapeutics Inc.         626,933         373           Scholar Rock Holding Corp.         22,545         352           Alleron Therapeutics Inc.         63,175         342           Hiran Pharmaceuticals Inc.         63,175         342           Verrica Pharmaceuticals Inc.         11,099         340           Verrica Pharmaceuticals Inc.         16,922         334           Verrica Pharmaceuticals Inc.         16,922         334           Microbot Medical Inc.         450,466         333           Verlo Biosciences Inc.         28,003         333           Valor Diversicar Healthcare Services Inc.         437         302           Varie Pharmaceuticals Inc.         17,253,757         298           Diffusion Pharmaceuticals Inc.         19,324         256           Ortholoilogics Inc.         19,742         256	*,^	Aethlon Medical Inc.		422
Winght Medical Group Inc. CVR         288,011         396           Kezar Life Sciences Inc.         22,617         391           Verlealand BioLabs Inc.         155,269         382           Nouralstem Inc.         341,528         379           IsoRay Inc.         383,336         375           Cyclacel Pharmaceuticals Inc.         262,933         373           Scholar Rock Holding Corp.         22,545         352           Alleron Therapeutics Inc.         63,175         342           Alleron Harmaceuticals Inc.         311,809         340           Biomerica Inc.         37,803         399           Verrica Pharmaceuticals Inc.         450,466         333           Verrica Pharmaceuticals Inc.         450,466         333           Evelo Biosciences Inc.         450,466         333           Evelo Biosciences Inc.         32,203         333           Verica Pharmaceuticals Inc.         450,466         333           Verica Pharmaceuticals Inc.         450,466         333           Verica Pharmaceuticals Inc.         32,203         333           Valoritic Pharmaceutical Inc.         39,968         301           Outractic Corp.         39,998         301           Varica	*,^	,		
Kezar Life Sciences Inc.         22,617         381           Cleveland BioLabs Inc.         155,269         382           Neuralstem Inc.         341,528         379           IsoRay Inc.         833,336         375           Cyclacel Pharmaceuticals Inc.         62,933         373           Agile Therapeutics Inc.         754,951         373           Alleron Therapeutics Inc.         63,175         342           Titan Pharmaceuticals Inc.         311,809         340           Biomerica Inc.         87,953         339           Verrica Pharmaceuticals Inc.         16,922         334           Verrica Pharmaceuticals Inc.         16,922         334           Microbot Medical Inc.         82,033         333           Evelo Biosciences Inc.         450,466         333           Aradigm Corp.         29,443         333           NanoViricides Inc.         752,491         331           Ounterix Corp.         22,069         317           Diversicare Healthcare Services Inc.         44,377         302           Variage Pharmaceuticals Inc.         1,253,757         298           Diffusion Pharmaceuticals Inc.         1,253,757         298           Vary Novus Therapeutics I	*		·	
Cleveland Biolabs Inc.         155,269         382           Neuralistem Inc.         341,528         379           IsoRay Inc.         333,336         375           Cyclacel Pharmaceuticals Inc.         262,933         373           Aglier Therapeutics Inc.         754,951         373           Scholar Rock Holding Corp.         22,545         552           Alleron Therapeutics Inc.         311,809         340           Inc.         37,853         333           Verica Pharmaceuticals Inc.         480,466         333           Evelo Biosciences Inc.         480,466         333           Avadigm Corp.         229,443         333           Avadigm Corp.         229,443         333           As anoviricides Inc.         38,398         301           Corflecik Inc.         1,253,757         298           Diffusion Pharmaceuticals Inc.         1,253,757 <th< td=""><td></td><td></td><td></td><td></td></th<>				
Neuralstem Inc.         341,528         379           IsoRay Inc.         833,336         375           Koycael Pharmaceuticals Inc.         262,933         373           Agille Therapeutics Inc.         754,951         373           Agille Therapeutics Inc.         754,951         352           Alleron Therapeutics Inc.         63,175         342           Itan Pharmaceuticals Inc.         311,809         340           Verrica Pharmaceuticals Inc.         16,922         334           Verrica Pharmaceuticals Inc.         450,466         333           Evelo Biosciences Inc.         450,466         333           Verrica Pharmaceuticals Inc.         28,203         333           Aradigm Corp.         229,443         333           Varica Pharmaceuticals Inc.         752,491         331           Quanterix Corp.         22,069         317           Diversicare Healthcare Services Inc.         33,998         301           Avenue Therapeutics Inc.         33,998         301           Avenue Therapeutics Inc.         38,516         270           Novus Therapeutics Inc.         39,588         274           Novus Therapeutics Inc.         39,598         246           PLx Pharma I				
IsoBay Inc.         833,336         375           Cyclacel Pharmaceuticals Inc.         262,933         373           Aglie Therapeutics Inc.         754,951         373           Scholar Rock Holding Corp.         22,545         352           Alieron Therapeutics Inc.         63,175         342           Intan Pharmaceuticals Inc.         311,809         340           Biomerica Inc.         87,053         339           Verica Pharmaceuticals Inc.         16,922         334           Microbot Medical Inc.         450,466         333           Evelo Biosciences Inc.         229,443         333           Aradigm Corp.         229,443         333           NanoViricides Inc.         752,491         331           Quanterix Corp.         22,069         317           Diversicare Healthcare Services Inc.         44,377         302           Actigm Pharmaceuticals Inc.         1253,757         298           Diffusion Pharmaceuticals Inc.         38,998         301           PLX Pharma Inc.         67,837         268           Oncobiologics Inc.         19,142         256           Oncobiologics Inc.         19,142         250           On Pharmaceuticals Inc.				
Vyclacel Pharmaceuticals Inc.         262,933         373           Aglie Therapeutics Inc.         754,951         373           Scholar Rock Holding Corp.         22,545         352           Alleron Therapeutics Inc.         63,175         342           Titan Pharmaceuticals Inc.         311,809         340           Biomerica Inc.         87,053         339           Verrica Pharmaceuticals Inc.         450,466         333           Verrica Pharmaceuticals Inc.         450,466         333           Verrica Pharmaceuticals Inc.         48,066         333           Verrica Pharmaceuticals Inc.         28,203         333           Aradigm Corp.         28,203         333           Aradigm Corp.         229,443         333           AnaoViricides Inc.         752,491         331           Quanterix Corp.         752,491         331           Avenue Therapeutics Inc.         44,377         302           Avenue Therapeutics Inc.         83,998         301           Valvidis Inc.         599,588         274           Novus Therapeutics Inc.         599,588         274           PLx Pharma Inc.         67,837         688          Aution Pharmaceuticals Inc.         11,202				
Agile Therapeutics Inc.         754,951         373           Scholar Rock Holding Corp.         22,545         352           Alleron Therapeutics Inc.         63,175         342           Titan Pharmaceuticals Inc.         311,809         340           Biomerica Inc.         87,053         339           Verrica Pharmaceuticals Inc.         16,922         334           Microbot Medical Inc.         450,466         333           Evelo Biosciences Inc.         28,203         333           Aradigm Corp.         229,443         333           Anoviricides Inc.         752,491         331           Quarterix Corp.         22,069         317           Diversicare Healthcare Services Inc.         44,377         302           Avenue Therapeutics Inc.         1,253,757         298           Diffusion Pharmaceuticals Inc.         1,253,757         298           Diffusion Pharmaceuticals Inc.         1,253,757         298           Diffusion Pharmaceuticals Inc.         19,742         250           PLx Pharma Inc.         67,837         268           Cortex Cortex Pharmaceuticals Inc.         19,742         250           Oncobiologics Inc.         294,705         249           Onr				
Scholar Rock Holding Corp.         22,545         352           Alleron Therapeutics Inc.         63,175         342           Titan Pharmaceuticals Inc.         311,809         340           Biomerica Inc.         87,053         339           Verrica Pharmaceuticals Inc.         16,922         334           Microbot Medical Inc.         28,003         333           Evelo Biosciences Inc.         28,003         333           Aradigm Corp.         22,9443         333           Quanterix Corp.         22,069         317           Diversicare Healthcare Services Inc.         44,377         302           Avenue Therapeutics Inc.         33,998         301           Corfledix Inc.         1,253,757         298           Diffusion Pharmaceuticals Inc.         38,516         270           Novus Therapeutics Inc.         38,516         270           PLx Pharma Inc.         67,837         268           Xeris Pharmaceuticals Inc.         19,742         250           Oncobiologics Inc.         19,742         250           ContraVir Pharmaceuticals Inc.         189,269         246           Chiasma Inc.         180,261         243           Oncobiologics Inc.         180,	*			
r. Aleron Therapeutics Inc.         31,89         342           1 Titan Pharmaceuticals Inc.         311,809         340           8 Biomerica Inc.         87,053         339           9 Verrica Pharmaceuticals Inc.         16,922         334           1 Microbot Medical Inc.         28,203         333           2 Feb Biosciences Inc.         28,203         333           3 Aradigm Corp.         229,443         333           3 NanoViricides Inc.         22,069         317           Diversicare Healthcare Services Inc.         44,377         302           4 Avenue Therapeutics Inc.         44,377         302           5 Cordedix Inc.         1,253,757         298           6 Cordedix Inc.         1,253,757         298           9 Iffusion Pharmaceuticals Inc.         38,516         270           10 Novs Therapeutics Inc.         38,516         270           10 PLx Pharma Inc.         67,837         268           2 Xeris Pharmaceuticals Inc.         19,742         250           3 Contravi Pharmaceuticals Inc.         19,742         250           4 Contravi Pharmaceutical Inc.         18,269         246           5 Chiasma Inc.         19,342         243           6 Nuoroe	*			
r. Intan Pharmaceuticals Inc.         311,809         340           Biomerica Inc.         87,053         339           Verrica Pharmaceuticals Inc.         16,922         334           Microbot Medical Inc.         450,466         333           Paradigm Corp.         28,203         333           NanoViricides Inc.         229,443         333           NanoViricides Inc.         752,491         331           Quanterix Corp.         22,069         317           Diversicare Healthcare Services Inc.         44,377         302           Avenue Therapeutics Inc.         83,998         301           CorMedix Inc.         1,253,757         298           Diffusion Pharmaceuticals Inc.         599,558         274           Novus Therapeutics Inc.         38,516         270           PLx Pharma Inc.         67,837         268           Veris Pharmaceuticals Inc.         19,742         250           Chiasma Inc.         19,742         250           Chiasma Inc.         161,721         243           Neuronetics Inc.         8,484         226           Pain Therapeutics Inc.         109,368         225           Pain Therapeutics Inc.         109,368         225 </td <td>*,^</td> <td></td> <td></td> <td></td>	*,^			
Verrica Pharmaceuticals Inc.         16,922         334           Microbot Medical Inc.         450,466         333           Evelo Biosciences Inc.         28,203         333           A radigm Corp.         229,443         333           NanoViricides Inc.         752,491         331           Diversicare Healthcare Services Inc.         22,069         317           Avenue Therapeutics Inc.         44,377         302           Polifusion Pharmaceuticals Inc.         1,253,757         298           Diffusion Pharmaceuticals Inc.         599,588         274           Novus Therapeutics Inc.         38,516         270           Pux Pharma Inc.         67,837         268           Xeris Pharmaceuticals Inc.         19,742         250           Young Contravir Pharmaceuticals Inc.         19,742         250           Young Contravir Pharmaceuticals Inc.         189,269         246           Young Diversion Inc.         189,269         246           Young Diversion Inc.         189,269         246           Young Diversion Inc.         1,202,617         236           Young Diversion Inc.         1,202,617         236           Young Diversion Inc.         1,202,617         236 <t< td=""><td>*,^</td><td></td><td>·</td><td></td></t<>	*,^		·	
Microbot Medical Inc.         450,466         333           Evelo Biosciences Inc.         28,203         333           Aradigm Corp.         29,443         333           NanoViricides Inc.         752,491         331           Quanterix Corp.         22,069         317           Diversicare Healthcare Services Inc.         44,377         302           Avenue Therapeutics Inc.         83,998         301           CorMedix Inc.         1,253,757         298           Diffusion Pharmaceuticals Inc.         599,588         274           Novus Therapeutics Inc.         38,516         270           PLx Pharma Inc.         67,837         268           Varis Pharmaceuticals Inc.         14,102         268           Yeris Pharmaceuticals Inc.         19,742         250           Oncobiologics Inc.         19,742         250           On Cobiologics Inc.         189,269         246           Chiasma Inc.         161,721         243           Neuronetics Inc.         1,202,617         236           Pain Therapeutics Inc.         1,202,617         236           Biolase Inc.         166,316         201           Pro-Dex Inc.         215,407         198	*,^	Biomerica Inc.	87,053	339
√N         Evelo Biosciences Inc.         28,203         333           √A Aradigm Corp.         229,443         333           √A NanoViricides Inc.         752,491         331           √A Quanterix Corp.         22,069         317           Diversicare Healthcare Services Inc.         44,377         302           √A Venue Therapeutics Inc.         83,998         301           √A CorMedix Inc.         1,253,757         298           √A Diffusion Pharmaceuticals Inc.         599,588         274           √A Novus Therapeutics Inc.         38,516         270           √A PLx Pharma Inc.         67,837         268           √A Expharma Inc.         14,102         268           √A Translate Bio Inc.         19,742         250           √A ContraVir Pharmaceuticals Inc.         19,742         250           √A ContraVir Pharmaceuticals Inc.         189,269         246           Chiasma Inc.         161,721         243           ✓A Pair Therapeutics Inc.         8,484         226           A Biolase Inc.         109,368         225           ✓A Biolase Inc.         109,368         225           A Biolase Inc.         166,316         201           ✓A Pro-Dex Inc. <td>*</td> <td></td> <td></td> <td></td>	*			
Name Viricides Inc.       229,443       333         Namo Viricides Inc.       752,491       331         Namo Viricides Inc.       752,491       331         Namo Viricides Inc.       22,069       31,7         Diversicare Healthcare Services Inc.       44,377       302         A venue Therapeutics Inc.       83,998       301         Movidix Inc.       1,253,757       298         Novus Therapeuticals Inc.       599,588       274         Novus Therapeuticals Inc.       67,837       268         Ex Pharma Inc.       67,837       268         Yeis Pharmaceuticals Inc.       19,742       250         Oncobiologics Inc.       19,742       250         Oncobiologics Inc.       294,705       249         ContraVir Pharmaceuticals Inc.       189,269       246         ContraVir Pharmaceutical Inc.       189,269       246         Neuronetics Inc.       189,269       246         Neuronetics Inc.       3,484       225         Pain Therapeutics Inc.       3,484       225         Biolase Inc.       109,368       225         Biolase Inc.       215,407       198         CEL-SCI Corp.       215,407       198				
NanoViricides Inc.         752,491         331           Ouanterix Corp.         22,069         317           Diversicare Healthcare Services Inc.         44,377         302           Avenue Therapeutics Inc.         83,998         301           CorfMedix Inc.         1,253,757         298           Diffusion Pharmaceuticals Inc.         599,588         274           Novus Therapeutics Inc.         38,516         270           PLx Pharma Inc.         67,837         268           Xeris Pharmaceuticals Inc.         14,102         268           Translate Bio Inc.         19,742         250           Occobiologics Inc.         294,705         249           Colisama Inc.         189,269         246           Chiasma Inc.         1202,617         236           Ohr Pharmaceutical Inc.         1,202,617         236           Pain Therapeutics Inc.         8,484         226           Biolase Inc.         109,368         225           Biolase Inc.         109,368         225           Biolase Inc.         215,407         198           Pro-Dex Inc.         27,970         187           Flex Pharma Inc.         688,752         173			•	
Machanis Corp.         22,069         317           Diversicare Healthcare Services Inc.         44,377         302           Avenue Therapeutics Inc.         83,998         301           Machanis Corp.         1,253,757         298           Diffusion Pharmaceuticals Inc.         199,588         274           Novus Therapeutics Inc.         38,516         270           PLx Pharma Inc.         67,837         268           Translate Bio Inc.         19,742         250           Morcabiologics Inc.         294,705         249           Machanis Inc.         189,269         246           ContraVir Pharmaceuticals Inc.         161,721         243           Machanis Inc.         161,721         243           Machanis Inc.         161,721         243           Machanis Inc.         160,721         236           Machanis Inc.         160,721         236           Machanis Inc.         160,316         201           Machanis Inc.         109,368         225           Machanis Inc.         166,316         201           Machanis Inc.         27,970         187           Machanis Inc.         27,970         187           Machanis Inc. <td></td> <td></td> <td></td> <td></td>				
Diversicare Healthcare Services Inc.         44,377         302           A Avenue Therapeutics Inc.         83,998         301           CorMedix Inc.         1,253,757         298           Diffusion Pharmaceuticals Inc.         1,253,757         298           Novus Therapeutics Inc.         38,516         270           PLx Pharma Inc.         67,837         268           Xeris Pharmaceuticals Inc.         14,102         268           Translate Bio Inc.         19,742         250           Oncobiologics Inc.         294,705         249           ContraVir Pharmaceuticals Inc.         189,269         246           Chiasma Inc.         161,721         243           On Pharmaceutical Inc.         1,202,617         236           Neuronetics Inc.         8,484         226           Pain Therapeutics Inc.         8,484         226           Pain Therapeutics Inc.         109,368         225           Biolase Inc.         27,970         187           Pro-Dex Inc.         27,970         187           Flex Pharma Inc.         199,119         187           Aytu BioScience Inc.         658,752         173           Aytu BioScience Inc.         658,752 <th< td=""><td></td><td></td><td></td><td></td></th<>				
★ Avenue Therapeutics Inc.       83,998       301         ★ Corl Medix Inc.       1,253,757       298         ★ Diffusion Pharmaceuticals Inc.       599,588       274         ★ Novus Therapeutics Inc.       38,516       270         ► PLx Pharma Inc.       67,837       268         ★ Varis Pharmaceuticals Inc.       14,102       268         Translate Bio Inc.       19,742       250         ♠ Oncobiologics Inc.       294,705       249         ♠ ContraVir Pharmaceuticals Inc.       189,269       246         ♠ ContraVir Pharmaceutical Inc.       161,721       243         ♠ Ohr Pharmaceutical Inc.       1,202,617       236         ♠ Neuronetics Inc.       8,484       226         ♠ Pain Therapeutics Inc.       18,484       226         ♠ Pain Therapeutics Inc.       186,316       201         ♠ Biolase Inc.       186,316       201         ♠ Pro-Dex Inc.       215,407       198         ♣ Pro-Dex Inc.       27,970       187         ♠ Aytu BioScience Inc.       58,752       173         ♠ Soligenix Inc.       52,703       160         ♠ Vaxart Inc.       52,703       160	,	· ·		
*** CorMedix Inc.       1,253,757       298         *** Diffusion Pharmaceuticals Inc.       599,588       274         *** Novus Therapeutics Inc.       38,516       270         ** PLx Pharma Inc.       67,837       268         ** Zeris Pharmaceuticals Inc.       14,102       268         ** Translate Bio Inc.       19,742       250         ** Oncobiologics Inc.       294,705       249         ** ContraVir Pharmaceuticals Inc.       189,269       246         Chiasma Inc.       161,721       243         ** Ohr Pharmaceutical Inc.       1,202,617       236         ** Neuronetics Inc.       8,484       226         ** Pain Therapeutics Inc.       8,484       226         ** Pain Therapeutics Inc.       166,316       201         ** OEL-SCI Corp.       215,407       198         ** Pro-Dex Inc.       27,970       187         ** Flex Pharma Inc.       199,119       187         ** Soligenix Inc.       658,752       173         ** Soligenix Inc.       52,703       160	*,^			
★ Norus Therapeuticals Inc.       599,588       274         ★ Novus Therapeutics Inc.       38,516       270         P Lx Pharma Inc.       67,837       268         Xeris Pharmaceuticals Inc.       14,102       268         Translate Bio Inc.       19,742       250         ♠ Oncobiologics Inc.       294,705       249         ♠ ContraVir Pharmaceuticals Inc.       189,269       246         ♠ Chiasma Inc.       161,721       243         ♠ Ohr Pharmaceutical Inc.       1,202,617       236         ♠ Neuronetics Inc.       8,484       226         ♠ Pain Therapeutics Inc.       8,484       226         ♠ Biolase Inc.       190,368       225         ♠ Biolase Inc.       166,316       201         ♠ CEL-SCI Corp.       215,407       198         ♠ Pro-Dex Inc.       27,970       187         ♠ Flex Pharma Inc.       199,119       187         ♠ Aytu BioScience Inc.       658,752       173         ♠ Soligenix Inc.       52,703       160         ♠ Vaxart Inc.       52,703       160				
**       PLx Pharma Inc.       67,837       268         *Xeris Pharmaceuticals Inc.       14,102       268         Translate Bio Inc.       19,742       250         **Oncobiologics Inc.       294,705       249         **OntraVir Pharmaceuticals Inc.       189,269       246         **Ohr Pharmaceutical Inc.       161,721       243         **Ohr Pharmaceutical Inc.       1,202,617       236         **Neuronetics Inc.       8,484       226         **Pain Therapeutics Inc.       109,368       225         **Biolase Inc.       166,316       201         **Pro-Dex Inc.       215,407       198         **Pro-Dex Inc.       27,970       187         **Flex Pharma Inc.       199,119       187         **Aytu BioScience Inc.       658,752       173         **Aytu BioScience Inc.       173,900       169         **Aytur Inc.       52,703       160	*,^	Diffusion Pharmaceuticals Inc.		
Xeris Pharmaceuticals Inc.       14,102       268         Translate Bio Inc.       19,742       250         Oncobiologics Inc.       294,705       249         ContraVir Pharmaceuticals Inc.       189,269       246         Chiasma Inc.       161,721       243         Vohr Pharmaceutical Inc.       1,202,617       236         Neuronetics Inc.       8,484       226         Pain Therapeutics Inc.       109,368       225         Biolase Inc.       166,316       201         Pro-Dex Inc.       27,970       187         Pro-Dex Inc.       27,970       187         Flex Pharma Inc.       199,119       187         Aytu BioScience Inc.       658,752       173         Soligenix Inc.       173,900       169         Vaxart Inc.       52,703       160	*,^	Novus Therapeutics Inc.	38,516	270
Translate Bio Inc.       19,742       250         ↑ Oncobiologics Inc.       294,705       249         ↑ ContraVir Pharmaceuticals Inc.       189,269       246         ↑ Chiasma Inc.       161,721       243         ↑ Ohr Pharmaceutical Inc.       1,202,617       236         ↑ Neuronetics Inc.       8,484       226         ↑ Pain Therapeutics Inc.       109,368       225         ♠ Biolase Inc.       166,316       201         ↑ CEL-SCI Corp.       215,407       198         ↑ Pro-Dex Inc.       27,970       187         ↑ Flex Pharma Inc.       199,119       187         ↑ Aytu BioScience Inc.       658,752       173         ↑ Soligenix Inc.       173,900       169         ↑ Vaxart Inc.       52,703       160	*	PLx Pharma Inc.	67,837	268
*** Oncobiologics Inc.       294,705       249         ** ContraVir Pharmaceuticals Inc.       189,269       246         * Chiasma Inc.       161,721       243         * Ohr Pharmaceutical Inc.       1,202,617       236         * Neuronetics Inc.       8,484       226         * Pain Therapeutics Inc.       109,368       225         A Biolase Inc.       166,316       201         * CEL-SCI Corp.       215,407       198         * Pro-Dex Inc.       27,970       187         * Flex Pharma Inc.       199,119       187         * Aytu BioScience Inc.       658,752       173         * Soligenix Inc.       173,900       169         * Vaxart Inc.       52,703       160	*			
*** ContraVir Pharmaceuticals Inc.       189,269       246         * Chiasma Inc.       161,721       243         * Ohr Pharmaceutical Inc.       1,202,617       236         * Neuronetics Inc.       8,484       226         * Pain Therapeutics Inc.       109,368       225         A Biolase Inc.       166,316       201         * CEL-SCI Corp.       215,407       198         * Pro-Dex Inc.       27,970       187         * Flex Pharma Inc.       199,119       187         * Aytu BioScience Inc.       658,752       173         * Soligenix Inc.       173,900       169         * Vaxart Inc.       52,703       160				
** Chiasma Inc.       161,721       243         *^ Ohr Pharmaceutical Inc.       1,202,617       236         * Neuronetics Inc.       8,484       226         *^ Pain Therapeutics Inc.       109,368       225         A Biolase Inc.       166,316       201         *^ CEL-SCI Corp.       215,407       198         * Pro-Dex Inc.       27,970       187         * Flex Pharma Inc.       199,119       187         * Aytu BioScience Inc.       658,752       173         * Soligenix Inc.       173,900       169         * Vaxart Inc.       52,703       160				
*** Ohr Pharmaceutical Inc.       1,202,617       236         * Neuronetics Inc.       8,484       226         * Pain Therapeutics Inc.       109,368       225         A Biolase Inc.       166,316       201         * CEL-SCI Corp.       215,407       198         * Pro-Dex Inc.       27,970       187         * Flex Pharma Inc.       199,119       187         * Aytu BioScience Inc.       658,752       173         * Soligenix Inc.       173,900       169         * Vaxart Inc.       52,703       160				
**       Neuronetics Inc.       8,484       226         **       Pain Therapeutics Inc.       109,368       225         A Biolase Inc.       166,316       201         **       CEL-SCI Corp.       215,407       198         * Pro-Dex Inc.       27,970       187         * Flex Pharma Inc.       199,119       187         * Aytu BioScience Inc.       658,752       173         * Soligenix Inc.       173,900       169         * Vaxart Inc.       52,703       160				
***       Pain Therapeutics Inc.       109,368       225         A Biolase Inc.       166,316       201         ***       CEL-SCI Corp.       215,407       198         **       Pro-Dex Inc.       27,970       187         **       Flex Pharma Inc.       199,119       187         **       Aytu BioScience Inc.       658,752       173         **       Soligenix Inc.       173,900       169         **       Vaxart Inc.       52,703       160	*			
A Biolase Inc.       166,316       201         * CEL-SCI Corp.       215,407       198         * Pro-Dex Inc.       27,970       187         * Flex Pharma Inc.       199,119       187         * Aytu BioScience Inc.       658,752       173         * Soligenix Inc.       173,900       169         A Vaxart Inc.       52,703       160	*,^			
***       CEL-SCI Corp.       215,407       198         **       Pro-Dex Inc.       27,970       187         **       Flex Pharma Inc.       199,119       187         **       Aytu BioScience Inc.       658,752       173         **       Soligenix Inc.       173,900       169         **       Vaxart Inc.       52,703       160				
* Pro-Dex Inc.       27,970       187         * Flex Pharma Inc.       199,119       187         * Aytu BioScience Inc.       658,752       173         * Soligenix Inc.       173,900       169         * Vaxart Inc.       52,703       160				
* Flex Pharma Inc.       199,119       187         * Aytu BioScience Inc.       658,752       173         * Soligenix Inc.       173,900       169         * Vaxart Inc.       52,703       160	*			
* Aytu BioScience Inc.       658,752       173         * Soligenix Inc.       173,900       169         A Vaxart Inc.       52,703       160	*			
*^ Soligenix Inc.       173,900       169         ^ Vaxart Inc.       52,703       160	*			
	*,^	Soligenix Inc.		169
* Bioanalytical Systems Inc. 92,933 153	^			
	*	Bioanalytical Systems Inc.	92,933	153

			Market Value
		Shares	(\$000)
*,^	Co-Diagnostics Inc. Proteon Therapeutics Inc.	36,687 49,866	142 122
*	Retractable Technologies Inc.	49,866 161,528	119
*,^	Fibrocell Science Inc.	39,114	106
*,^	Sonoma Pharmaceuticals Inc.	38,184	95
*,^	Soleno Therapeutics Inc.	38,112	89
*,^	Genprex Inc.	11,200	86
*,^	Bio-Path Holdings Inc.	55,033	82
*,^	Pulmatrix Inc.	171,620	77
*,^	Onconova Therapeutics Inc. Biocept Inc.	187,984 369,590	76 74
*,^	Cytori Therapeutics Inc.	50,466	73
*,^	ReShape Lifesciences Inc.	27,809	64
	ProPhase Labs Inc.	19,408	63
*,^	Cellectar Biosciences Inc.	97,148	60
*,^	Altimmune Inc.	127,353	57
*,^	iBio Inc.	62,933	57
	Citius Pharmaceuticals Inc.	22,052	51
*,^	Eyenovia Inc. Milestone Scientific Inc.	8,038 63,770	51 50
*,^	Apricus Biosciences Inc.	113,371	44
*,^	Achieve Life Sciences Inc.	11.036	42
*,^	Hemispherx Biopharma Inc.	101,255	32
*,^	AquaBounty Technologies Inc.	8,850	29
*	NovaBay Pharmaceuticals Inc.	11,471	29
*,^	Cesca Therapeutics Inc.	39,860	17
*	Cancer Genetics Inc.	14,502	13
*	American Shared Hospital Services	4,591	13
*,^	InVivo Therapeutics Holdings Corp.  Dare Bioscience Inc.	3,595 3,904	6 5
,,,	Avanos Medical Inc.	34	2
*,^	Trovagene Inc.	1,176	1
*	Galena Biopharma Inc Warrants Exp. 03/18/2020	157,500	
*	Sunesis Pharmaceuticals Inc. Warrants Exp. 10/27/2018	12,500	
Ind	ustrials (12.9%)		88,850,946
	Boeing Co.	14,582,572	4,892,599
	General Electric Co.	217,366,633	2,958,360
	3M Co.	14,852,629	2,921,809
	Union Pacific Corp.	19,278,141	2,731,327
	Honeywell International Inc. Accenture plc Class A	18,685,824 16,098,833	2,691,693 2,633,608
	United Technologies Corp.	19,014,859	2,377,428
*	PayPal Holdings Inc.	28,232,047	2,350,883
	Caterpillar Inc.	14,962,140	2,029,914
	United Parcel Service Inc. Class B	17,257,530	1,833,267
	Lockheed Martin Corp.	6,073,643	1,794,336
	Danaher Corp.	15,734,930	1,552,723
	Automatic Data Processing Inc.	10,474,376	1,405,033
	Raytheon Co.	7,185,440	1,388,083
	FedEx Corp. Northrop Grumman Corp.	6,016,115 4,363,100	1,366,019 1,342,246
	CSX Corp.	4,362,190 20,807,200	1,342,240
	General Dynamics Corp.	6,315,335	1,177,242
	Deere & Co.	8,100,106	1,132,395
	Emerson Electric Co.	15,779,278	1,090,979
	Norfolk Southern Corp.	7,068,548	1,066,432
	Illinois Tool Works Inc.	7,627,789	1,056,754
	Waste Management Inc.	10,811,564	879,413
	Fidelity National Information Services Inc.	8,272,128	877,094
	Sherwin-Williams Co. Eaton Corp. plc	2,105,695 10,942,421	858,218 817,837
	TE Connectivity Ltd.	10,942,421 8,752,539	788,254
	Johnson Controls International plc	23,148,947	774,332
		257. 1575 17	,002

			Market
		Shares	Value (\$000)
*	Fiserv Inc.	10,338,478	765,978
	Roper Technologies Inc.	2,575,906	710,718
	Amphenol Corp. Class A	7,576,501	660,292
*	Worldpay Inc. Class A	7,447,774	609,079
	Fortive Corp.	7,848,433	605,193
	Ingersoll-Rand plc	6,221,258	558,233
	Rockwell Collins Inc.	4,106,256	553,031
	Paychex Inc.	8,081,079	552,342
	PACCAR Inc.	8,793,137	544,823
	Rockwell Automation Inc.	3,152,480	524,037
	Cummins Inc.	3,923,272	521,795
	Parker-Hannifin Corp.	3,314,310	516,535
	Agilent Technologies Inc. Waste Connections Inc.	8,054,847 6,598,722	498,112 496,752
*	FleetCor Technologies Inc.	2,239,073	471,661
	Global Payments Inc.	3,982,211	443,977
	Vulcan Materials Co.	3,302,913	426,274
*	Verisk Analytics Inc. Class A	3,918,764	421,816
	AMETEK Inc.	5,778,871	417,003
	TransDigm Group Inc.	1,176,743	406,141
	Cintas Corp.	2,135,077	395,139
	Textron Inc.	5,860,189	386,245
*	CoStar Group Inc.	910,618	375,748
	L3 Technologies Inc.	1,952,979	375,597
	WW Grainger Inc.	1,192,601	367,798
*	Mettler-Toledo International Inc.	635,483	367,710
	Republic Services Inc. Class A	5,352,527	365,899
	WestRock Co.	6,402,456	365,068
	Martin Marietta Materials Inc.	1,569,900	350,606
	Total System Services Inc.	4,128,541	348,944
	Fastenal Co.	7,176,014	345,382
	Broadridge Financial Solutions Inc.	2,939,520	338,339
	TransUnion	4,605,531	329,940
	Expeditors International of Washington Inc.	4,388,742	320,817
*	Ball Corp. United Rentals Inc.	8,744,207 2,096,254	310,857 309,449
	Xylem Inc.	2,090,254 4,494,615	302,847
*	XPO Logistics Inc.	3,009,758	301,518
	Masco Corp.	7,798,164	291,807
	CH Robinson Worldwide Inc.	3,475,709	290,778
	Dover Corp.	3,853,815	282,099
*	Keysight Technologies Inc.	4,676,185	276,035
	Alliance Data Systems Corp.	1,175,055	274,023
	Kansas City Southern	2,559,362	271,190
	JB Hunt Transport Services Inc.	2,193,475	266,617
	Packaging Corp. of America	2,354,433	263,202
	IDEX Corp.	1,915,094	261,372
	Old Dominion Freight Line Inc.	1,747,389	260,291
	Jack Henry & Associates Inc.	1,926,988	251,202
	Spirit AeroSystems Holdings Inc. Class A	2,847,240	244,606
	Huntington Ingalls Industries Inc.	1,119,825	242,767
*	First Data Corp. Class A	11,525,529	241,229
	Jacobs Engineering Group Inc.	3,556,447	225,799
	AO Smith Corp.	3,617,018	213,947
*	Wabtec Corp. Trimble Inc.	2,169,714 6,292,220	213,890
*	WEX Inc.	6,283,220 1,074,879	206,341 204,743
*,^	Sensata Technologies Holding plc	4,271,993	203,261
	PerkinElmer Inc.	4,271,993 2,760,884	203,261
	Fortune Brands Home & Security Inc.	2,760,884 3,682,807	197,730
	Lennox International Inc.	978,533	195,853
*	IPG Photonics Corp.	874,392	192,917
*	Zebra Technologies Corp.	1,336,439	191,445
	Robert Half International Inc.	2,937,078	191,204
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			Market
		Shares	Value (\$000)
_	Carra la c		
*	Graco Inc. HD Supply Holdings Inc.	4,219,451 4,418,309	190,804 189,501
	Arconic Inc.	10,841,862	184,420
	Cognex Corp.	4,121,996	183,882
	Allegion plc	2,365,878	183,024
	FLIR Systems Inc.	3,438,072	178,677
	Sealed Air Corp.	4,175,115	177,234
	Owens Corning	2,777,778	176,028
	Fluor Corp.	3,501,751	170,815
*	Teledyne Technologies Inc.	845,913	168,387
	Nordson Corp.	1,308,694	168,049
	Pentair plc	3,988,614	167,841
	Carlisle Cos. Inc.	1,531,704	165,899
*	Arrow Electronics Inc.	2,187,229	164,655
	BWX Technologies Inc.	2,484,664	154,844
*	Toro Co.	2,533,073	152,618
	Berry Global Group Inc. Booz Allen Hamilton Holding Corp. Class A	3,272,180	150,324 149,818
*	Crown Holdings Inc.	3,425,984 3,340,262	149,510
	Hexcel Corp.	2,244,525	148,992
	Donaldson Co. Inc.	3,234,492	145,940
	AptarGroup Inc.	1,554,750	145,183
	HEICO Corp. Class A	2,379,730	145,045
	Hubbell Inc. Class B	1,367,004	144,547
	ManpowerGroup Inc.	1,651,804	142,154
	Watsco Inc.	794,812	141,699
	MDU Resources Group Inc.	4,890,230	140,252
*	Stericycle Inc.	2,144,937	140,043
	Littelfuse Inc.	606,794	138,458
	Lincoln Electric Holdings Inc.	1,559,108	136,827
*	Allison Transmission Holdings Inc.	3,292,839	133,327
*	AECOM Flowserve Corp.	4,022,416	132,860
	Xerox Corp.	3,268,441 5,443,368	132,045 130,641
	National Instruments Corp.	3,111,950	130,640
	Oshkosh Corp.	1,857,699	130,633
	Sonoco Products Co.	2,479,152	130,155
	Trinity Industries Inc.	3,731,899	127,855
	Avnet Inc.	2,973,558	127,536
	Knight-Swift Transportation Holdings Inc.	3,315,852	126,699
*	Quanta Services Inc.	3,769,303	125,895
*	Genesee & Wyoming Inc. Class A	1,529,884	124,410
	Eagle Materials Inc.	1,150,119	120,728
	Acuity Brands Inc.	1,032,832	119,674
	Curtiss-Wright Corp.	992,766	118,159
	ITT Inc.	2,198,381	114,909
	Landstar System Inc.	1,045,840	114,206
*	Graphic Packaging Holding Co. Kirby Corp.	7,689,778 1,333,857	111,579 111,510
	EMCOR Group Inc.	1,458,896	111,139
	Genpact Ltd.	3,762,581	108,851
	Jabil Inc.	3,886,330	107,496
*	CoreLogic Inc.	2,069,758	107,420
	Woodward Inc.	1,389,116	106,767
*	Euronet Worldwide Inc.	1,233,875	103,362
	Air Lease Corp. Class A	2,455,232	103,046
	AGCO Corp.	1,681,867	102,123
	Crane Co.	1,267,367	101,554
	MAXIMUS Inc.	1,620,928	100,676
*	nVent Electric plc	3,986,310	100,056
	Louisiana-Pacific Corp.	3,634,686	98,936
*	Coherent Inc.	618,747	96,784
	ASGN Inc. MSC Industrial Direct Co. Inc. Class A	1,236,052	96,647
	IVIOC INQUSTRIAL DIRECT CO. INC. CIASS A	1,134,039	96,223

			Market
			Value
		Shares	(\$000)
	Brink's Co.	1,202,910	95,932
	Bemis Co. Inc.	2,260,009	95,395
	Ryder System Inc.	1,326,357	95,312
*	Trex Co. Inc.	1,473,448	92,223
^	Universal Display Corp.	1,060,858	91,234
*	Conduent Inc.	5,006,323	90,965
-	USG Corp. Insperity Inc.	2,106,074 951,961	90,814 90.674
*	KLX Inc.	1,260,025	90,596
	Regal Beloit Corp.	1,104,859	90,377
*	Axon Enterprise Inc.	1,387,634	87,671
	MSA Safety Inc.	872,615	84,068
	Korn/Ferry International	1,342,255	83,126
*	MasTec Inc.	1,629,485	82,696
	Valmont Industries Inc.	548,274	82,652
	Tetra Tech Inc.	1,408,185	82,379
	Macquarie Infrastructure Corp.	1,926,850	81,313
*	Generac Holdings Inc.	1,545,361	79,942
*	Gardner Denver Holdings Inc.	2,713,842	79,760
	Deluxe Corp.	1,202,766	79,635
	EnerSys	1,063,808	79,403
*	Cimpress NV	536,757	77,808
*	Terex Corp.	1,842,334	77,728
*	Proto Labs Inc.	646,803	76,937
	Vishay Intertechnology Inc.	3,310,883	76,812
*	Timken Co. Rexnord Corp.	1,757,846 2,603,456	76,554 75,656
	Barnes Group Inc.	1,277,871	75,050 75,267
*	RBC Bearings Inc.	582,856	75,207 75,078
	Kennametal Inc.	2,047,766	73,515
*	Clean Harbors Inc.	1,309,826	72,761
*	Summit Materials Inc. Class A	2,753,638	72,283
*	Armstrong World Industries Inc.	1,131,518	71,512
	Maxar Technologies Ltd.	1,414,343	71,453
	John Bean Technologies Corp.	796,334	70,794
	GATX Corp.	944,748	70,129
*	AMN Healthcare Services Inc.	1,195,845	70,077
*	TopBuild Corp.	887,698	69,542
*	Owens-Illinois Inc.	4,084,758	68,665
	UniFirst Corp.	386,593	68,388
*	Applied Industrial Technologies Inc. WESCO International Inc.	971,714	68,166 67,785
	Simpson Manufacturing Co. Inc.	1,187,123 1,052,635	65,463
	KBR Inc.	3,545,684	63,539
*	Colfax Corp.	2,059,140	63,113
	Belden Inc.	1,023,004	62,526
	Exponent Inc.	1,275,911	61,626
*	II-VI Inc.	1,409,719	61,252
	Moog Inc. Class A	775,864	60,486
	Granite Construction Inc.	1,079,578	60,089
*	TriNet Group Inc.	1,062,990	59,464
*	FTI Consulting Inc.	939,388	56,814
*	Esterline Technologies Corp.	759,862	56,078
	Convergys Corp.	2,280,799	55,743
	Watts Water Technologies Inc. Class A	702,901	55,107
*	Universal Forest Products Inc.	1,455,088	53,285
*	Floor & Decor Holdings Inc. Class A Builders FirstSource Inc.	1,079,298	53,242 52,196
	Mobile Mini Inc.	2,853,229 1,106,698	52,186 51,904
	Silgan Holdings Inc.	1,106,698	51,904 51,844
*	Masonite International Corp.	718,542	51,627
*	Saia Inc.	633,632	51,229
*	Rogers Corp.	457,384	50,980
*	Integer Holdings Corp.	786,261	50,832
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			Market Value
		Shares	(\$000)
*	Navistar International Corp.	1,246,367	50,752
*	WageWorks Inc.	1,009,234	50,462
*	Aerojet Rocketdyne Holdings Inc. Plexus Corp.	1,699,188	50,109 50,051
*	JELD-WEN Holding Inc.	840,623 1,738,517	49,704
	Otter Tail Corp.	1,042,858	49,640
*	Itron Inc.	821,778	49,348
	Covanta Holding Corp.	2,964,762	48,919
	ABM Industries Inc.	1,664,290	48,564
*	Sanmina Corp.	1,649,956	48,344
*	Novanta Inc. Schneider National Inc. Class B	771,812	48,084
	Kaman Corp.	1,738,857 684,742	47,836 47,720
	Mueller Water Products Inc. Class A	3,995,162	46,823
*	Meritor Inc.	2,228,036	45,831
*	Atlas Air Worldwide Holdings Inc.	637,249	45,691
*	Cotiviti Holdings Inc.	1,029,182	45,418
*	ExIService Holdings Inc.	798,900	45,226
*	Anixter International Inc.	714,366	45,219
	Brady Corp. Class A	1,163,591	44,856
*	Actuant Corp. Class A	1,527,781	44,840
*	Harsco Corp. SPX FLOW Inc.	2,025,747 1,014,706	44,769 44,414
	Franklin Electric Co. Inc.	975,850	44,011
	Boise Cascade Co.	976,610	43,654
*	Advanced Disposal Services Inc.	1,760,330	43,621
	Albany International Corp.	724,058	43,552
	Forward Air Corp.	735,502	43,453
*	Paylocity Holding Corp.	727,981	42,849
	Comfort Systems USA Inc.	928,198	42,511
	Mueller Industries Inc.	1,428,458	42,154
	Greenbrier Cos. Inc. Greif Inc. Class A	794,172 784,272	41,893 41,480
	Werner Enterprises Inc.	1,087,597	40,839
*	TTM Technologies Inc.	2,298,554	40,524
	Matson Inc.	1,055,522	40,511
	Triton International Ltd.	1,320,513	40,487
	Cubic Corp.	622,566	39,969
*	Hub Group Inc. Class A	795,508	39,616
*	Imperva Inc.	809,186	39,043
*	Aerovironment Inc.	537,744	38,411
	AAR Corp. EnPro Industries Inc.	824,147 526,782	38,315 36.848
*	American Woodmark Corp.	397,692	36,409
	HEICO Corp.	498,516	36,357
	Methode Electronics Inc.	898,632	36,215
	Benchmark Electronics Inc.	1,241,897	36,201
	McGrath RentCorp	570,410	36,090
*	SPX Corp.	1,015,133	35,580
*	World Fuel Services Corp.	1,711,063	34,923
	Knowles Corp. Apogee Enterprises Inc.	2,278,602 718,470	34,863 34,609
	ESCO Technologies Inc.	599,383	34,584
	ManTech International Corp. Class A	644,173	34,553
	US Ecology Inc.	537,446	34,235
	Federal Signal Corp.	1,464,783	34,115
	Raven Industries Inc.	887,176	34,112
*	MINDBODY Inc. Class A	878,562	33,912
	Sun Hydraulics Corp.	698,452	33,658
	Tennant Co.	424,618	33,545
*	BMC Stock Holdings Inc. OSI Systems Inc.	1,605,525 427,208	33,475 33,036
*	Milacron Holdings Corp.	1,740,481	32,947
*	TriMas Corp.	1,120,285	32,936
	mirido oorp.	1,120,200	52,550

			Market
		Shares	Value
*,^	Final and Hardelana Class A		(\$000)
-,*	Evolent Health Inc. Class A AAON Inc.	1,555,032 981,772	32,733 32,644
*	Fabrinet	884,550	32,631
*	Patrick Industries Inc.	567,262	32,249
*	Air Transport Services Group Inc.	1,420,370	32,086
	Standex International Corp.	313,885	32,079
	EVERTEC Inc.	1,452,819	31,744
	Altra Industrial Motion Corp.	726,530	31,313
	ICF International Inc.	436,838	31,037
*,^	Ambarella Inc.	798,068	30,813
*	KEMET Corp. Astec Industries Inc.	1,270,378 510,644	30,680 30,537
	Badger Meter Inc.	682,379	30,537
	H&E Equipment Services Inc.	797,188	29,982
*	Gibraltar Industries Inc.	788,012	29,550
	ArcBest Corp.	645,927	29,519
*	CBIZ Inc.	1,277,365	29,379
*	Installed Building Products Inc.	518,599	29,327
*	Continental Building Products Inc.	924,303	29,162
*	Sykes Enterprises Inc.	984,136	28,323
	Primoris Services Corp.	1,034,228	28,162
	Aircastle Ltd.	1,372,138	28,129
*	Cardtronics plc Class A AZZ Inc.	1,161,799	28,092
	CTS Corp.	636,495 768,036	27,656 27,649
*	TrueBlue Inc.	1,015,269	27,361
	Viad Corp.	499,869	27,118
	Materion Corp.	498,746	27,007
	Kadant Inc.	275,695	26,508
*,^	MACOM Technology Solutions Holdings Inc.	1,144,363	26,366
	Wabash National Corp.	1,407,086	26,256
*	Kratos Defense & Security Solutions Inc.	2,270,224	26,130
	Advanced Drainage Systems Inc.	906,112	25,869
	Lindsay Corp.	263,445	25,552
	Douglas Dynamics Inc.	527,444	25,317
^	Navigant Consulting Inc. ADT Inc.	1,121,207 2,866,166	24,824 24,792
*	Casella Waste Systems Inc. Class A	960,565	24,600
*	PGT Innovations Inc.	1,163,494	24,259
*	Atkore International Group Inc.	1,157,778	24,047
	Triumph Group Inc.	1,191,891	23,361
	Encore Wire Corp.	482,371	22,889
*	NCI Building Systems Inc.	1,089,686	22,883
	Sturm Ruger & Co. Inc.	407,896	22,842
	Multi-Color Corp.	351,895	22,750
	Manitowoc Co. Inc.	878,152	22,709
*	GMS Inc.	837,273 428,655	22,682 22,569
*	MTS Systems Corp. FARO Technologies Inc.	426,000	22,309
*	Huron Consulting Group Inc.	541,329	22,140
	Marten Transport Ltd.	938,834	22,016
	Heartland Express Inc.	1,175,295	21,802
	Schnitzer Steel Industries Inc.	639,035	21,535
*,^	US Concrete Inc.	398,517	20,922
	Columbus McKinnon Corp.	474,715	20,584
	Alamo Group Inc.	227,445	20,552
*	GreenSky Inc. Class A	953,629	20,169
	AVX Corp.	1,282,379	20,095
*	Kforce Inc.	582,944 750,041	19,995
	Aegion Corp. Class A	758,841	19,540
*	Vicor Corp. Tutor Perini Corp.	447,472 1,042,243	19,487 19,229
	Cass Information Systems Inc.	1,042,243	19,229
*	Echo Global Logistics Inc.	645,787	18,889
		070,707	10,000

Shares   Biolitical   Shares   Shares   Biolitical   Shares   Shares				Market
Grif Ceh International List   1,448,429   18,825   18,429   CIRCOE International Inc.   495,184   18,302   CIRCOE International Inc.   495,184   18,302   17,787   Gorman Rupp Co.   500,701   17,525   Gorman Rupp Co.   500,701   17,525   CIRCOE International Inc.   401,488   17,524   Griffen Corp.   398,009   17,897   18,988   17,524   Griffen Corp.   398,009   17,897   18,988   17,894   17,994   18,995			Charac	Value
1 Thermon Group Holdings Inc.         806,270         18,439           Cards industrial Corp. ple         1,080,260         1,108,260           Cards industrial Corp. ple         1,090,270         1,726,72           Cydal Inc.         401,460         1,726,72           Update Inc.         401,460         1,726,72           Vesco Instruments Inc.         1,186,865         16,614           Incavalon Holdings Inc. Class A         1,731,387         16,886           American Outdoor Brands Corp.         1,233,079         16,519           Mess Laboratories Inc.         74,220         16,510           Toam Inc.         714,720         16,510           Myes Industries Inc.         850,835         16,538           Barret Blusses Callass A         10,000         16,538           Global Brass & Capper Holdings Inc.         16,660         16,196           Global Brass & Capper Holdings Inc.         15,660         16,196           Quad/Graphics Inc.         76,765         15,992           Argan Inc.         384,309         15,739           Controld Corp.         384,309         15,739           OWG Ground Inc.         36,740         16,860           Owe Stalling Products Corp.         36,287         15,30		Coeff - b later stice of the		
CIRCOR International Inc.	*			,
Gares Industrial Corp. plc         1,083,256         17,787           Cydild Inc.         500,701         17,527           Lydid Inc.         401,468         17,524           Griffon Gorp.         99,669         17,259           Involan Holdings Inc. Class A         1,03,368         16,984           Involan Holdings Inc. Class A         1,03,389         16,564           Mess Laboratories Inc.         74,720         16,514           Team Inc.         74,720         16,514           Team Inc.         74,720         16,514           Saret Russiless Services Inc.         10,499         16,466           Kelly Services Inc. Class A         729,099         16,366           Kelly Services Inc. Class A         729,099         16,366           Global Erras & Copper Holdings Inc.         161,607         16,166           Ouwell/Graphics Inc.         344,339         15,730           Corrected Corp.         344,438         15,606           ObMC Global Inc.         444,438         15,606           Hericitis & Strugglass International Inc.         343,338         15,338           Ourse Building Productes Corp.         852,897         15,309           Puralsight Inc. Class A         622,733         15,226				
Lydali Inc.	*			
Griffon Corp.		Gorman-Rupp Co.	500,701	
Vecco Instruments Inc.	*			
Invalorate Holdings Inc. Class A         1,701,387         16,816           American Outdoor Binads Corp         18,733,079         16,516           Mess Laboratories Inc.         78,272         16,516           Myers Industries Inc.         859,835         16,509           Barrett Business Services Inc.         16,616         Kelly Services Inc. Class A         770,799         16,465           Kelly Services Inc. Class A         770,795         16,802         16,802           Global Brass & Corper Holdings Inc.         777,795         16,902           Ouad/Graphics Inc.         777,795         15,802           Argan Inc.         394,838         15,739           Commol Corp.         484,808         15,739           Visco Analysis Inc. Class A         15,902         16,902           Valesco Alexanter Holdings Inc.         499,803         15,739           Use Control Corp.         499,803         15,739           Pull Leigheit Inc. Class A         15,209         15,309           Pull Leigheit Inc. Class A         16,229         13,302           Open Elegent Inc.         499,803         15,279           Instell Industries Inc.         400,921         14,272           Instell Industries Inc.         400,921         <			·	
American Outdoor Brands Corp.         1,373,799         16,514           Mess Laboratories Inc.         714,720         16,510           Team Inc.         714,720         16,510           Myers Industries Inc.         189,835         16,509           Kells Services Inc.         170,499         16,656           Kells Services Inc.         779,099         16,368           Kells Services Inc.         516,607         16,968           Cload Brass & Copper Holdings Inc.         384,339         15,393           Argan Inc.         384,339         15,393           Controld Corp.         464,000         15,890           Argan Inc.         384,339         15,393           Wesco Aircraft Holdings Inc.         1,378,338         15,009           DMC Global Inc.         444,479         15,647           Holdidk & Strugglise International Inc.         438,383         15,779           Glance Scilling Products Corp.         682,297         1,508           Durie Eleverptiese Inc.         92,297         1,508           Astronics Corp.         18,229         14,227           Astronics Corp.         18,229         14,227           Astronics Corp.         18,229         14,324           Timke	* .			
Mesa Laboratories Inc.         78,275         16,610           Y Team Inc.         174,270         16,610           Myers Industries Inc.         88,835         16,509           Barrett Business Services Inc.         170,499         16,485           Kelly Services Inc. Class A         729,099         16,388           Global Farsa & Copper Holdings Inc.         767,265         15,992           Agan Inc.         484,339         15,739           Controld Corp.         494,409         15,680           DMC Global Inc.         344,479         15,600           Hedrick As Gling Products Corp.         494,479         15,400           Hurstell Control Corp.         40,291         14,727           Pulluslight Inc. Class A         622,273         15,200           Pulluslight Inc. Class A         622,273         15,200           Pulluslight Inc. Class A         622,273         15,200           Astronics Corp.         400,291         14,727           Astronics Corp.         400,291         14,727           Instell Industries Inc.         400,921         14,272           Instell Prinarial Solutions Inc.         825,190         14,337           Dornelley Financial Solutions Inc.         825,190         14,33				
1 Team Inc.         714,720         16,101           Myers Industries Inc.         859,825         16,509           Barret Business Services Inc.         170,499         16,465           Kelly Services Inc. (Sas A         729,099         16,368           Global Brass & Copper Holdings Inc.         516,607         16,196           Out-Ordination of Common Inc.         384,339         15,739           Control & Corp.         498,400         15,690           Vesco Aircreft Holdings Inc.         13,783,338         15,006           DMC Global Inc.         439,383         15,378           Outenex Building Products Corp.         439,383         15,378           Ounenex Building Products Corp.         482,837         15,229           Pural slight Inc. Class A         622,733         15,229           DXF Enterprises Inc.         400,921         14,727           Insteal Industries Inc.         410,921         14,727           Insteal Industries Inc.         410,223         14,427           Astronics Corp.         410,223         14,427           Astronics Corp.         410,223         14,427           Astronics Corp.         410,223         14,437           Introllage Inc.         20,205         13,333		· ·	,, -	
Barrett Business Services Inc.         859,835         16,509           Barrett Business Services Inc.         170,499         16,465           Kelly Services Inc. Class A         729,099         16,368           Global Brass & Copper Holdings Inc.         767,265         15,982           Argan Inc.         384,339         15,739           Control4 Corp.         645,400         15,600           DMC Global Inc.         344,479         15,667           Heldrick & Struggles International Inc.         344,479         15,667           Heldrick & Struggles International Inc.         362,897         15,309           Pluralistip Inc. Class A         622,733         15,276           DWF Enterprises Inc.         395,995         15,127           Insteal Industries Inc.         395,995         15,127           Insteal Industries Inc.         400,268         14,470           NVE Corp.         402,268         14,470           Park Electrochemical Corp.         618,229         14,337           Domelley Financial Solutions Inc.         873,145         14,276           Engilly Holdings Inc.         200,264         13,378           MYB Croup Inc.         200,264         13,378           MYB Croup Inc.         80,314	*,^			
Barrett Business Sarvices Inc.         170,499         16,465           Kelly Services Inc.         729,099         16,368           Global Brass & Copper Holdings Inc.         516,607         16,196           Quad/Gaphics Inc.         384,339         15,739           Controld Corp.         684,400         15,690           Wesco Aircraft Holdings Inc.         1378,338         15,606           DMC Global Inc.         430,383         15,606           Heldrick & Struggles International Inc.         430,383         15,787           Quanex Building Products Corp.         485,2897         15,309           Puralsight Inc. Class A         622,733         15,226           DXP Enterprises Inc.         400,921         14,727           Astronics Corp.         118,253         14,401           NYE Corp.         118,253         14,401           NYE Corp.         118,253         14,401           NYE Corp.         118,253         14,401           NYE Gold Inc.         805,190         14,334           Timken Street Corp.         805,190         14,334           Timken Street Corp.         805,190         14,334           Timken Street Corp.         805,190         14,334           Timke				
Global Brass & Copper Holdings Inc.   16,196   15,982   Argan Inc.   384,339   15,739   Control Corp.   645,400   15,5982   Argan Inc.   384,339   15,739   Control Corp.   645,400   15,696   Mesco Aircraft Holdings Inc.   344,479   15,667   Heldrick & Struggles International Inc.   344,97   15,667   Heldrick & Struggles International Inc.   349,333   15,378   Cuance Rulliding Products Corp.   482,833   15,378   Cuance Rulliding Products Corp.   482,833   15,378   Cuance Rulliding Products Corp.   482,839   15,378   Cuance Rulliding Products Corp.   492,268   14,4727   Astronics Gorp.   402,268   14,470   NVE Corp.   118,253   14,401   NVE Corp.   118,253   14,401   NVE Corp.   118,253   14,401   NVE Corp.   18,253   14,401   NVE Corp.   18,253   14,401   NVE Corp.   18,253   14,401   NVE Corp.   18,253   14,401   NVE Corp.   18,254   14,276   Englity Floatical Solutions Inc.   457,241   14,010   NVE Corp.   487,241   14,010   NVE Corp.   488,289   NVE Corp.   489,027   12,443   NV		•	170,499	16,465
Oua/Graphics Inc.         767,265         15,382           Argan Inc.         384,339         15,739           Controld Corp.         684,400         15,690           DMC Global Inc.         444,479         15,660           Heldrick & Struggles International Inc.         439,338         15,596           Learner Bullding Products Corp.         862,837         15,090           Pluralscipt Inc. Class A         622,733         15,266           DXP Enterprises Inc.         395,985         15,127           Insteel Industries Inc.         440,921         14,727           Astronics Corp.         402,288         14,470           NVE Corp.         118,229         14,337           Park Electrochemical Corp.         818,229         14,337           Donnelloy Financial Solutions Inc.         818,239         14,337           Implied Financial Solutions Inc.         873,145         14,760           Englity Holdings Inc.         200,284         13,878           Inglity Holdings Inc.         200,284         13,878           MyS Group Inc.         335,799         13,880           Hyster Yale Materials Handling Inc.         200,286         13,303           Lyce Communications Inc.         331,579         12,488 </td <td></td> <td>Kelly Services Inc. Class A</td> <td>729,099</td> <td></td>		Kelly Services Inc. Class A	729,099	
Again Inc.   384,339   15,739     Controld Corp.   645,400   15,690     Wesco Aircraft Holdings Inc.   1378,338   15,060     DMC Global Inc.   344,479   15,567     Heldrick & Struggles International Inc.   439,383   15,378     Cuanex Building Products Corp.   82,273   15,276     Puralsight Inc. Class A   622,733   15,276     DXP Entarprises Inc.   440,921   14,277     Insteal Industries Inc.   440,921   14,277     Astronics Corp.   402,288   14,470     Park Electrochemical Corp.   118,283   14,401     Park Electrochemical Corp.   118,283   14,401     Park Electrochemical Corp.   18,334   14,401     Park Electrochemical Corp.   873,145   14,276     Engility Holdings Inc.   457,241   14,010     NVS Global Inc.   585,546   13,303     Hyster-Yale Materials Handling Inc.   585,546   13,303     Hyster-Yale Materials Inc.   585,546   12,393     NV Inc.   586,227   12,133     Resources Connection Inc.   643,145   12,165     Engility Holdings Inc.   643,145   12,165     Engility Holdings Inc.   16,83,145   12,165     Spartan Motors Inc.   504,247   11,376     Hyster-Yale Materials Handling Inc.   504,247   11,376     Kimball Electronics Inc.   11,031   10,368     VSE Corp.   26,899   10,733     Landec Corp.   26,899   10,733     Landec Corp.   27,900   28,899   10,733     Landec Corp.   28,899   10,733     Landec Corp.   28,899   10,733     Landec Corp.			·	
Control Corp.         645,400         15,900           Wesco Airreit Holdings Inc.         1378,338         15,506           DMC Global Inc.         434,479         15,606           Heidrick & Struggles International Inc.         439,383         15,378           Quanex Building Products Corp.         622,733         15,206           DNP Enterprises Inc.         395,985         15,127           Instell Industries Inc.         440,921         14,727           Astronics Corp.         118,253         14,401           NE Corp.         118,253         14,401           Park Electrochemical Corp.         618,229         14,334           Timken Steel Corp.         825,190         143,334           Timken Steel Corp.         457,241         14,010           NVE Goldbal Inc.         827,190         138,259           MYB Group Inc.         385,799         13,880           Hyster-Yale Materials Handling Inc.         207,056         13,309           Leet Cockentric Industries Inc.         133,579         12,443           Electro Scientric Industries Inc.         133,579         12,443           International Seavays Inc.         335,546         12,333           N Inc.         535,546         12,333				
Wesco Aircraft Holdings Inc.       1,378,338       15,506         DMC Global Inc.       344,479       15,467         Heldrick & Struggles International Inc.       439,383       15,378         Quanex Building Products Corp.       852,987       15,309         Pluralsight Inc. Class A       622,733       15,266         DXP Enterprises Inc.       395,985       15,127         Insteel Industries Inc.       400,921       14,227         Astronics Corp.       402,268       14,470         NVE Corp.       118,253       14,470         AVE Turnics Corp.       118,253       14,470         AVE Turnics Corp.       118,253       14,470         Average Turnics Corp.       118,253       14,470         Average Turnics Corp.       825,190       14,334         Timken Steel Corp.       873,145       14,276         Englity Holdings Inc.       457,241       14,010         NVB Global Inc.       385,799       13,878         MYB Group Inc.       385,799       13,680         Hyster-Yale Materials Handling Inc.       813,579       12,741         REV Group Inc.       913,878       12,741         Reliance Centerific Industries Inc.       913,878       12,741				
DMC Global Inc.		Control4 Corp.  Wassa Aircraft Haldings Inc.		
Heidrick & Strugles International Inc.   439,383   15,278     Quarex Building Products Corp.   15,009     Pluralsight Inc. Class A   622,733   15,226     DXP Enterprises Inc.   385,985   15,127     Insteal Industries Inc.   440,921   14,727     Astronics Corp.   402,268   14,470     NVE Corp.   118,253   14,401     Park Electrochemical Corp.   118,259   14,337     Donnelley Financial Solutions Inc.   825,190   14,334     TimkenSteal Corp.   873,145   14,276     Engility Holdings Inc.   457,241   14,010     NV5 Global Inc.   385,799   13,680     Hyster-Yale Materials Handling Inc.   207,056   13,303     LSC Communications Inc.   733,579   12,741     NEV Group Inc.   733,579   12,741     NEV Group Inc.   733,579   12,443     International Seaways Inc.   535,546   12,393     NN Inc.   535,546   12,393     NN Inc.   535,546   12,393     NN Inc.   536,247   11,555     Ennis Inc.   596,227   12,133     Everi Holdings Inc.   596,227   12,133				
Ouanex Building Products Corp.         852,897         15,309           Plurlasight Inc. Class A         622,733         15,226           DXP Enterprises Inc.         395,985         15,127           Instell Industries Inc.         440,921         14,272           Astronics Corp.         402,288         14,470           NVE Corp.         618,229         14,337           Donnelley Financial Solutions Inc.         825,190         14,334           TimkenSteel Corp.         873,145         14,276           Englity Holdings Inc.         457,241         14,010           NNS Global Inc.         200,264         13,878           MYR Group Inc.         385,799         13,680           Hyster-Yale Materials Handling Inc.         207,056         13,303           LSC Communications Inc.         813,579         12,741           REV Group Inc.         734,180         12,488           Electro Scientific Industries Inc.         789,027         12,443           International Seaways Inc.         535,546         12,393           NI Inc.         643,145         12,155           Ennis Inc.         643,145         12,155           Ennis Inc.         643,145         12,155           Ennis In				
Pluralisight Inc. Class A   622.733   15,226   DXP Enterprises Inc.   395,985   15,127   Insteel Industries Inc.   440,921   14,727   Astronics Corp.   440,288   14,470   NVE Corp.   118,253   14,401   Park Electrochamical Corp.   118,253   14,401   Park Electrochamical Solutions Inc.   825,190   14,337   Donnelley Financial Solutions Inc.   873,145   14,276   Engility Holdings Inc.   457,241   14,010   NV5 Global Inc.   457,241   14,010   NV5 Global Inc.   457,241   14,010   NV5 Global Inc.   457,241   14,010   NV5 Group Inc.   200,264   13,878   MYR Group Inc.   207,066   13,303   LSC Communications Inc.   813,579   12,741   REV Group Inc.   734,180   12,488   Electro Scientific Industries Inc.   734,180   12,488   Electro Scientific Industries Inc.   595,277   12,143   International Seaways Inc.   535,546   12,393   NN Inc.   596,227   12,133   Everi Holdings Inc.   596,227   11,330   Essendant Inc.   596,200   10,971   Essendant Inc.   596,200   10,971   Essendant Inc.   596,200   10,971   Essendant Inc.   596,200   10,971   Eagle Bulk Shipping Inc.   11,501   19,995   CAA International Inc.   191,041   9,722   Vishay Precision Group Inc.   253,801   9,687   Eagle Bulk Shipping Inc.   1,510,211   9,995   CRA International Inc.   191,041   9,722   Vishay Precision Group Inc.   253,801   9,587   Eagle Bulk Shipping Inc.   1,515,597   9,202   Vishay Precision Group Inc.   253,801   9,597   Eagle Bulk Shipping Inc.   1,515,597   9,202   Vishay Precision Group Inc.   253,801   9,597   Eagle Bulk Shipping Inc.   1,515,597   9,202   Vishay Precision Group Inc.   253,801   Eagle Bulk Shipping Inc.   1,515,597   9,202   Vishay Prec				
Insteel Industries Inc.	*			
Astronics Corp.       402.268       14,470         NVE Corp.       118,253       14,401         Park Electrochemical Corp.       618,229       14,337         Donnelley Financial Solutions Inc.       825,190       14,334         I TimkenSteel Corp.       873,145       14,276         Engility Holdings Inc.       457,241       14,010         NV5 Global Inc.       385,799       13,680         MYR Group Inc.       385,799       13,680         Hyster-Yale Materials Handling Inc.       207,056       13,303         LSC Communications Inc.       813,579       12,741         REV Group Inc.       734,180       12,488         Electro Scientific Industries Inc.       535,546       12,393         International Seaways Inc.       535,546       12,393         NN Inc.       535,546       12,393         Everi Holdings Inc.       596,227       12,433         Everi Holdings Inc.       702,424       11,811         TTEC Holdings Inc.       702,424       11,811         TTEC Holdings Inc.       702,424       11,815         TTEC Holdings Inc.       504,217       11,370         B. Riley Financial Inc.       504,217       11,370         PHH C	*		395,985	
NVE Corp.         118,253         14,401           Park Electrochemical Corp.         618,229         14,337           Donnelley Financial Solutions Inc.         825,190         14,334           TimkenSteel Corp.         873,145         14,276           Englity Holdings Inc.         457,241         14,010           NVS Global Inc.         200,264         13,878           MYR Group Inc.         385,799         13,680           Hyster-Yale Materials Handling Inc.         207,056         13,303           LSC Communications Inc.         813,579         12,741           REV Group Inc.         813,579         12,741           REV Group Inc.         734,180         12,488           Electro Scientific Industries Inc.         789,027         12,443           International Seaways Inc.         789,027         12,443           NN Inc.         643,145         12,155           Ennis Inc.         596,227         12,133           Everi Holdings Inc.         1,663,126         11,903           Resources Connection Inc.         1,663,126         11,903           TTEC Holdings Inc.         777,193         11,736           S partan Motors Inc.         617,081         11,370           Kimb				
Park Electrochemical Corp.         618.229         14,337           Donnelley Financial Solutions Inc.         825,190         14,334           TimkenSteel Corp.         873,145         14,276           Engility Holdings Inc.         200,264         13,878           NVS Global Inc.         385,799         13,680           MYR Group Inc.         3815,799         13,680           Hyster-Yale Materials Handling Inc.         207,056         13,303           LSC Communications Inc.         813,579         12,741           REV Group Inc.         734,180         12,488           Electro Scientific Industries Inc.         734,180         12,488           International Seaways Inc.         535,546         12,393           NN Inc.         643,145         12,155           Ennis Inc.         596,227         12,133           Everi Holdings Inc.         363,226         11,903           Resources Connection Inc.         702,424         11,871           TTEC Holdings Inc.         343,122         11,855           Sparta Motors Inc.         617,081         11,293           Essendant Inc.         617,081         11,293           Essendant Inc.         695,260         10,971           Nat	*	•		
Donnelley Financial Solutions Inc.         825,190         14,334           TimkenSteel Corp.         873,145         14,276           Engility Holdings Inc.         457,241         14,010           NVS Global Inc.         385,799         13,688           MYR Group Inc.         207,056         13,303           LSC Communications Inc.         813,579         12,741           REV Group Inc.         734,180         12,488           Electro Scientific Industries Inc.         734,180         12,488           I leterros Electrific Industries Inc.         789,027         12,443           International Seaways Inc.         535,546         12,393           NN Inc.         643,145         12,155           Ennis Inc.         596,227         12,133           Everi Holdings Inc.         1,653,126         11,903           Resources Connection Inc.         702,424         11,871           TTEC Holdings Inc.         343,122         11,855           Spartan Motors Inc.         777,193         11,736           S, Riley Financial Inc.         617,081         11,293           P HH Corp.         617,081         11,293           Essendant Inc.         843,827         11,155           Cryo				
TimkenSteel Corp.         873,145         14,276           Engility Holdings Inc.         457,241         14,010           NYS Global Inc.         200,264         13,878           MYR Group Inc.         395,799         13,680           Hyster-Yale Materials Handling Inc.         207,056         13,303           LSC Communications Inc.         813,579         12,741           REV Group Inc.         734,180         12,488           Electro Scientific Industries Inc.         798,027         12,448           International Seaways Inc.         643,145         12,155           NN Inc.         643,145         12,155           Ennis Inc.         643,145         12,155           Ennis Inc.         643,145         12,155           Ennis Inc.         1,653,126         11,903           Resources Connection Inc.         702,424         11,871           TTEC Holdings Inc.         343,122         11,855           Spartan Motors Inc.         777,193         11,730           Kimball Electronics Inc.         617,081         11,293           PHH Corp.         1,033,232         11,251           Essendant Inc.         695,260         10,971           CyoPort Inc.         695,260 </td <td>*</td> <td></td> <td></td> <td></td>	*			
Englithy Holdings Inc.       457,241       14,010         NV5 Global Inc.       200,264       13,878         MYR Group Inc.       385,799       13,680         Hyster-Yale Materials Handling Inc.       207,056       13,303         LSC communications Inc.       813,579       12,741         REV Group Inc.       734,180       12,488         Electro Scientific Industries Inc.       789,027       12,443         International Seaways Inc.       535,546       12,393         NN Inc.       643,145       12,155         Ennis Inc.       596,227       12,133         Everi Holdings Inc.       1,653,126       11,903         Resources Connection Inc.       702,424       11,871         TTEC Holdings Inc.       343,122       11,855         Spartan Motors Inc.       777,193       11,736         B. Riley Finacial Inc.       504,217       11,370         International Inc.       617,081       11,293         PHH Corp.       1,033,232       11,221         Essendant Inc.       695,260       10,971         National Research Corp.       695,260       10,971         National Research Corp.       286,989       10,733         Landec Corp.	*			
NVS Global Inc.         200_264         13,878           MYR Group Inc.         385,799         13,680           LSC Communications Inc.         207,056         13,303           LSC Communications Inc.         813,579         12,741           REV Group Inc.         734,180         12,483           Electro Scientific Industries Inc.         789,027         12,443           International Seaways Inc.         535,546         12,393           NN Inc.         643,145         12,155           Ennis Inc.         596,227         12,133           Everi Holdings Inc.         596,227         12,133           Resources Connection Inc.         702,424         11,871           TTEC Holdings Inc.         343,122         11,855           Spartan Motors Inc.         343,122         11,855           Spartan Motors Inc.         504,217         11,370           Kimball Electronics Inc.         617,081         11,239           PHH Corp.         10,33,232         11,221           Essendant Inc.         695,260         10,971           National Research Corp.         286,989         10,733           Landec Corp.         210,944         10,441           Ducommun Inc.         313,317<	*		·	
MYR Group Inc.       385,799       13,680         Hyster-Yale Materials Handling Inc.       207,056       13,303         LSC Communications Inc.       813,579       12,741         REV Group Inc.       734,180       12,488         Electro Scientific Industries Inc.       789,027       12,443         International Seaways Inc.       535,546       12,393         NN Inc.       643,145       12,155         Ennis Inc.       643,145       12,155         Ennis Inc.       596,227       12,133         Everi Holdings Inc.       1,653,126       11,903         Resources Connection Inc.       702,424       11,871         TTEC Holdings Inc.       777,193       11,736         Spartan Motors Inc.       777,193       11,736         B. Riley Financial Inc.       504,217       11,370         Kimball Electronics Inc.       617,081       11,293         PHH Corp.       1,033,232       11,221         Essendant Inc.       695,260       10,971         National Research Corp.       695,260       10,971         National Research Corp.       286,989       10,733         Landec Corp.       211,954       10,127         CAl International Inc.	*			
LSC Communications Inc.   REV Group Inc.   734,180   12,741   REV Group Inc.   734,180   12,488   Electro Scientific Industries Inc.   7389,027   12,443	*	MYR Group Inc.		
REV Group Inc.       734,180       12,488         E Electro Scientific Industries Inc.       789,027       12,433         I International Seaways Inc.       535,546       12,393         NN Inc.       643,145       12,155         Ennis Inc.       596,227       12,133         E veri Holdings Inc.       1,653,126       11,903         Resources Connection Inc.       702,424       11,871         TTEC Holdings Inc.       343,122       11,855         Spartan Motors Inc.       777,193       11,736         B. Riley Financial Inc.       504,217       11,370         K imball Electronics Inc.       617,081       11,293         P HH Corp.       10,33,232       11,221         Essendant Inc.       843,827       11,155         CryoPort Inc.       895,260       10,971         National Research Corp.       869,899       10,733         Landec Corp.       286,989       10,733         Landec Corp.       211,954       10,127         C CAl International Inc.       435,637       10,124         InnerWorkings Inc.       1,150,211       9,995         CRA International Inc.       910,041       9,722         Vishay Precision Group Inc.		Hyster-Yale Materials Handling Inc.	207,056	13,303
Electro Scientific Industries Inc.       789,027       12,443         International Seaways Inc.       535,546       12,333         NN Inc.       643,145       12,155         Ennis Inc.       596,227       12,133         Everi Holdings Inc.       702,424       11,871         Resources Connection Inc.       702,424       11,871         TTEC Holdings Inc.       702,424       11,871         Spartan Motors Inc.       777,193       11,736         B. Riley Financial Inc.       504,217       11,370         Kimball Electronics Inc.       617,081       11,293         PHH Corp.       1,033,232       11,221         Essendant Inc.       843,827       11,155         **OryoPort Inc.       695,260       10,971         National Research Corp.       286,989       10,733         Landec Corp.       286,989       10,733         Lander Corp.       211,954       10,127         **C CAl International Inc.       435,637       10,124         InnerWorkings Inc.       191,041       9,722         **Vishay Precision Group Inc.       253,801       9,683         **C Cross Country Healthcare Inc.       253,801       9,687         **C Cross Country He				
International Seaways Inc.       535,546       12,393         NN Inc.       643,145       12,155         Ennis Inc.       596,227       12,133         Everi Holdings Inc.       1,653,126       11,903         Resources Connection Inc.       702,424       11,871         TTEC Holdings Inc.       343,122       11,875         Spartan Motors Inc.       777,193       11,736         B. Riley Financial Inc.       504,217       11,370         Kimball Electronics Inc.       617,081       11,293         PHH Corp.       1,033,232       11,221         Essendant Inc.       843,827       11,155         *^*       CryoPort Inc.       695,260       10,971         National Research Corp.       286,989       10,733         Landec Corp.       700,746       10,441         Ducommun Inc.       313,317       10,368         VSE Corp.       211,954       10,127         CAl International Inc.       191,041       9,722         Vishay Precision Group Inc.       253,801       9,657         Eagle Bulk Shipping Inc.       1,751,783       9,530         Eagle Bulk Shipping Inc.       1,751,783       9,530         Crovenant Transportation Group			·	
NN Inc.       643,145       12,155         Ennis Inc.       596,227       12,133         Everi Holdings Inc.       1,653,126       11,903         Resources Connection Inc.       702,424       11,871         TTEC Holdings Inc.       343,122       11,855         Spartan Motors Inc.       777,193       11,736         B. Riley Financial Inc.       504,217       11,370         K Kimball Electronics Inc.       617,081       11,293         PHH Corp.       1,033,232       11,221         Essendant Inc.       843,827       11,155         *** CryoPort Inc.       695,260       10,971         National Research Corp.       286,989       10,733         ** Landec Corp.       286,989       10,733         ** Uscommun Inc.       313,317       10,368         VSE Corp.       211,954       10,127         ** CAl International Inc.       435,637       10,124         ** Inner/Workings Inc.       1,150,211       9,995         ** CRA International Inc.       253,801       9,683         ** Cross Country Healthcare Inc.       850,397       9,567         ** Eagle Bulk Shipping Inc.       1,751,783       9,530         ** Hight Motion Technologies I	*		·	
Ennis Inc.       596,227       12,133         • Everi Holdings Inc.       1,653,126       11,903         Resources Connection Inc.       702,424       11,871         TTEC Holdings Inc.       343,122       11,855         Spartan Motors Inc.       777,193       11,736         B. Riley Financial Inc.       504,217       11,370         K Kinball Electronics Inc.       617,081       11,293         • PHH Corp.       1,033,232       11,221         Essendant Inc.       843,827       11,155         • CryoPort Inc.       695,260       10,971         National Research Corp.       286,989       10,733         • Landec Corp.       700,746       10,441         • Ducommun Inc.       313,317       10,368         VSE Corp.       211,954       10,127         • CAl International Inc.       435,637       10,124         • InnerWorkings Inc.       1,150,211       9,995         • CRA International Inc.       253,801       9,683         • Vishay Precision Group Inc.       850,397       9,667         • Lander Corp.       1,751,783       9,530         • Cross Country Healthcare Inc.       850,397       9,667         • Eagle Bulk Shipping Inc.		·		
Everi Holdings Inc.       1,653,126       11,903         Resources Connection Inc.       702,424       11,871         TTEC Holdings Inc.       343,122       11,855         Spartan Motors Inc.       777,193       11,736         B. Riley Financial Inc.       504,217       11,370         Kimball Electronics Inc.       617,081       11,293         PHH Corp.       1,033,232       11,221         Essendant Inc.       843,827       11,155         *** CryoPort Inc.       695,260       10,971         National Research Corp.       286,989       10,733         ** Landec Corp.       286,989       10,733         ** Landec Corp.       313,317       10,368         VSE Corp.       211,954       10,127         ** CAl International Inc.       435,637       10,124         ** InnerWorkings Inc.       1,150,211       9,995         ** Chan International Inc.       253,801       9,683         ** Cross Country Healthcare Inc.       850,397       9,567         ** Eagle Bulk Shipping Inc.       1,751,783       9,530         ** Covenant Transportation Group Inc. Class A       197,596       9,374         ** Covenant Transportation Group Inc. Class A       297,596       9,			·	
Resources Connection Inc.       702,424       11,871         TTEC Holdings Inc.       343,122       11,855         Spartan Motors Inc.       777,193       11,736         B. Riley Financial Inc.       504,217       11,370         Kimball Electronics Inc.       617,081       11,293         PHH Corp.       1,033,232       11,221         Essendant Inc.       843,827       11,155         CryoPort Inc.       695,260       10,971         National Research Corp.       286,989       10,733         Landec Corp.       700,746       10,441         Ducommun Inc.       313,317       10,368         VSE Corp.       211,954       10,127         CAI International Inc.       435,637       10,124         InnerWorkings Inc.       1,150,211       9,995         CRA International Inc.       191,041       9,722         Vishay Precision Group Inc.       253,801       9,683         Cross Country Healthcare Inc.       850,397       9,567         Eagle Bulk Shipping Inc.       1,751,783       9,530         Allied Motion Technologies Inc.       197,176       9,441         Covenant Transportation Group Inc. Class A       297,596       9,374 <td< td=""><td>*</td><td></td><td></td><td></td></td<>	*			
Spartan Motors Inc.         777,193         11,736           B. Riley Financial Inc.         504,217         11,370           Kimball Electronics Inc.         617,081         11,293           PHH Corp.         1,033,232         11,221           Essendant Inc.         843,827         11,155           CryoPort Inc.         695,260         10,971           National Research Corp.         286,989         10,733           Landec Corp.         700,746         10,441           Ducommun Inc.         313,317         10,368           VSE Corp.         211,954         10,127           CAI International Inc.         435,637         10,124           Inner/Workings Inc.         1,150,211         9,995           CRA International Inc.         191,041         9,722           Vishay Precision Group Inc.         253,801         9,683           Cross Country Healthcare Inc.         850,397         9,567           Eagle Bulk Shipping Inc.         1,751,783         9,530           Allied Motion Technologies Inc.         197,176         9,441           Covenant Transportation Group Inc. Class A         297,596         9,374           YRC Worldwide Inc.         915,597         9,202		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
B. Riley Financial Inc.       504,217       11,370         Kimball Electronics Inc.       617,081       11,293         PHH Corp.       1,033,232       11,221         Essendant Inc.       843,827       11,155         CryoPort Inc.       695,260       10,971         National Research Corp.       286,989       10,733         Landec Corp.       700,746       10,441         Ducommun Inc.       313,317       10,368         VSE Corp.       211,954       10,127         CAI International Inc.       435,637       10,124         InnerWorkings Inc.       1,150,211       9,995         CRA International Inc.       191,041       9,722         Vishay Precision Group Inc.       253,801       9,683         Cross Country Healthcare Inc.       850,397       9,567         Eagle Bulk Shipping Inc.       1,751,783       9,507         Eagle Bulk Shipping Inc.       197,176       9,441         Covenant Transportation Group Inc. Class A       297,596       9,374         YRC Worldwide Inc.       915,597       9,202		TTEC Holdings Inc.	343,122	11,855
Kimball Electronics Inc.       617,081       11,293         PHH Corp.       1,033,232       11,221         Essendant Inc.       843,827       11,155         CryoPort Inc.       695,260       10,971         National Research Corp.       286,989       10,733         Landec Corp.       700,746       10,441         Ducommun Inc.       313,317       10,368         VSE Corp.       211,954       10,127         CAI International Inc.       435,637       10,124         InnerWorkings Inc.       1,150,211       9,995         CRA International Inc.       191,041       9,722         Vishay Precision Group Inc.       253,801       9,683         Cross Country Healthcare Inc.       850,397       9,567         Eagle Bulk Shipping Inc.       1,751,783       9,530         Allied Motion Technologies Inc.       197,176       9,441         Covenant Transportation Group Inc. Class A       297,596       9,374         YRC Worldwide Inc.       915,597       9,202			777,193	
PHH Corp.       1,033,232       11,221         Essendant Inc.       843,827       11,155         CryoPort Inc.       695,260       10,971         National Research Corp.       286,989       10,733         Landec Corp.       700,746       10,441         Ducommun Inc.       313,317       10,368         VSE Corp.       211,954       10,127         CAl International Inc.       435,637       10,124         InnerWorkings Inc.       1,150,211       9,995         CRA International Inc.       191,041       9,722         Vishay Precision Group Inc.       253,801       9,683         Cross Country Healthcare Inc.       850,397       9,567         Eagle Bulk Shipping Inc.       1,751,783       9,530         Allied Motion Technologies Inc.       197,176       9,441         Covenant Transportation Group Inc. Class A       297,596       9,374         YRC Worldwide Inc.       915,597       9,202				
Essendant Inc.       843,827       11,155         CryoPort Inc.       695,260       10,971         National Research Corp.       286,989       10,733         Landec Corp.       700,746       10,441         Ducommun Inc.       313,317       10,368         VSE Corp.       211,954       10,127         CAI International Inc.       435,637       10,124         InnerWorkings Inc.       1,150,211       9,995         CRA International Inc.       191,041       9,722         Vishay Precision Group Inc.       253,801       9,683         Cross Country Healthcare Inc.       850,397       9,567         Eagle Bulk Shipping Inc.       1,751,783       9,530         Allied Motion Technologies Inc.       197,176       9,441         Covenant Transportation Group Inc. Class A       297,596       9,374         YRC Worldwide Inc.       915,597       9,202	*			
CryoPort Inc.       695,260       10,971         National Research Corp.       286,989       10,733         Landec Corp.       700,746       10,441         Ducommun Inc.       313,317       10,368         VSE Corp.       211,954       10,127         CAI International Inc.       435,637       10,124         InnerWorkings Inc.       1,150,211       9,995         CRA International Inc.       191,041       9,722         Vishay Precision Group Inc.       253,801       9,683         Cross Country Healthcare Inc.       850,397       9,567         Eagle Bulk Shipping Inc.       1,751,783       9,530         Allied Motion Technologies Inc.       197,176       9,441         Covenant Transportation Group Inc. Class A       297,596       9,374         YRC Worldwide Inc.       915,597       9,202	*			
National Research Corp.       286,989       10,733         Landec Corp.       700,746       10,441         Ducommun Inc.       313,317       10,368         VSE Corp.       211,954       10,127         CAI International Inc.       435,637       10,124         InnerWorkings Inc.       1,150,211       9,995         CRA International Inc.       191,041       9,722         Vishay Precision Group Inc.       253,801       9,683         Cross Country Healthcare Inc.       850,397       9,567         Eagle Bulk Shipping Inc.       850,397       9,530         Allied Motion Technologies Inc.       197,176       9,441         Covenant Transportation Group Inc. Class A       297,596       9,374         YRC Worldwide Inc.       915,597       9,202	* ^		·	
Landec Corp.       700,746       10,441         Ducommun Inc.       313,317       10,368         VSE Corp.       211,954       10,127         * CAl International Inc.       435,637       10,124         * InnerWorkings Inc.       1,150,211       9,995         CRA International Inc.       191,041       9,722         * Vishay Precision Group Inc.       253,801       9,683         * Cross Country Healthcare Inc.       850,397       9,567         * Eagle Bulk Shipping Inc.       850,397       9,530         Allied Motion Technologies Inc.       197,176       9,441         * Covenant Transportation Group Inc. Class A       297,596       9,374         * YRC Worldwide Inc.       915,597       9,202	,			
* Ducommun Inc.       313,317       10,368         VSE Corp.       211,954       10,127         * CAI International Inc.       435,637       10,124         * InnerWorkings Inc.       1,150,211       9,995         CRA International Inc.       191,041       9,722         * Vishay Precision Group Inc.       253,801       9,683         * Cross Country Healthcare Inc.       850,397       9,567         * Eagle Bulk Shipping Inc.       1,751,783       9,530         Allied Motion Technologies Inc.       197,176       9,441         * Covenant Transportation Group Inc. Class A       297,596       9,374         * YRC Worldwide Inc.       915,597       9,202	*	·	•	
VSE Corp.       211,954       10,127         CAI International Inc.       435,637       10,124         InnerWorkings Inc.       1,150,211       9,995         CRA International Inc.       191,041       9,722         Vishay Precision Group Inc.       253,801       9,683         Cross Country Healthcare Inc.       850,397       9,567         Eagle Bulk Shipping Inc.       1,751,783       9,530         Allied Motion Technologies Inc.       197,176       9,441         Covenant Transportation Group Inc. Class A       297,596       9,374         YRC Worldwide Inc.       915,597       9,202	*	·	·	
InnerWorkings Inc.       1,150,211       9,995         CRA International Inc.       191,041       9,722         Vishay Precision Group Inc.       253,801       9,683         Cross Country Healthcare Inc.       850,397       9,567         Eagle Bulk Shipping Inc.       1,751,783       9,530         Allied Motion Technologies Inc.       197,176       9,441         Covenant Transportation Group Inc. Class A       297,596       9,374         YRC Worldwide Inc.       915,597       9,202				
CRA International Inc.       191,041       9,722         Vishay Precision Group Inc.       253,801       9,683         Cross Country Healthcare Inc.       850,397       9,567         Eagle Bulk Shipping Inc.       1,751,783       9,530         Allied Motion Technologies Inc.       197,176       9,441         Covenant Transportation Group Inc. Class A       297,596       9,374         YRC Worldwide Inc.       915,597       9,202	*			
' Vishay Precision Group Inc.       253,801       9,683         ' Cross Country Healthcare Inc.       850,397       9,567         ' Eagle Bulk Shipping Inc.       1,751,783       9,530         Allied Motion Technologies Inc.       197,176       9,441         ' Covenant Transportation Group Inc. Class A       297,596       9,374         ' YRC Worldwide Inc.       915,597       9,202	*	5 5 5		
* Cross Country Healthcare Inc.       850,397       9,567         * Eagle Bulk Shipping Inc.       1,751,783       9,530         Allied Motion Technologies Inc.       197,176       9,441         * Covenant Transportation Group Inc. Class A       297,596       9,374         * YRC Worldwide Inc.       915,597       9,202				
* Eagle Bulk Shipping Inc.       1,751,783       9,530         Allied Motion Technologies Inc.       197,176       9,441         * Covenant Transportation Group Inc. Class A       297,596       9,374         * YRC Worldwide Inc.       915,597       9,202	*		·	
Allied Motion Technologies Inc.       197,176       9,441         * Covenant Transportation Group Inc. Class A       297,596       9,374         * YRC Worldwide Inc.       915,597       9,202	*			
* Covenant Transportation Group Inc. Class A         297,596         9,374           * YRC Worldwide Inc.         915,597         9,202				
YRC Worldwide Inc. 915,597 9,202	*		·	,
	*			
	*	Armstrong Flooring Inc.	648,501	

Sterling Construction Co. Inc.				Market Value
Bube Bird Corp.   402,778   9.002   8.015     Bube Bird Corp.   8.002   8.015     Bube Bird Corp.   8.002   8.015     Bube Bird Corp.   8.002   8.0			Shares	(\$000)
0 Dosko Inc.         897,702         8,815           Bluelin: Holdings Inc.         233,869         8,771           RR Donnelley & Sons Co.         1,513,590         8,718           SeviceSource International Inc.         2,196,396         8,684           Powell Industries Inc.         245,217         8,541           Great Likes Dredge & Dock Corp.         1,573,465         8,072           Huco Cos. Inc.         1,784,145         7,584           Huco Cos. Inc.         1,784,145         7,884           Huco Cos. Inc.         1,784,145         7,884           Huco Cos. Inc.         1,784,179         7,913           Huco Cos. Inc.         1,813,179         7,913           Huco Cos. Inc.         1,813,179         7,913           Park Ohio Holdings Corp.         204,803         7,922           Energous Corp.         204,803         7,432           Energous Corp.         367,732         7,391           Huritage Crystal Clean Inc.         367,732         7,391           Sparton Corp.         383,089         7,135           Nuvectre Corp.         344,632         7,274           Owneya Flex Inc.         383,089         7,135           Farrich Covery Co.         383,08	*	Sterling Construction Co. Inc.	692,311	9,021
8 Illustims Holdings Inc.         8771           8 FactoreSource International Inc.         2,196,386           9 ServiceSource International Inc.         2,196,386           10 Fowell Industries Inc.         245,217           10 Fact Lakes Dradge & Dock Corp.         1,537,485           11 Fact Lakes Dradge & Dock Corp.         1,537,485           12 Fact Corp.         1,537,485           12 Fact Corp.         2,46,603           12 Fact Corp.         2,46,603           12 Fact Corp.         1,532,792           13 Fact Corp.         1,532,792           14 Fact Corp.         1,532,793           15 Fact Corp.         1,532,793           16 Fact Corp.         3,535,153           17 Fact Corp.         3,535,153           18 Fact Corp.         3,535,153           18 Fact Corp.         3,536,153           18 Fact Corp. <td>*</td> <td>!</td> <td>•</td> <td>9,002</td>	*	!	•	9,002
File Donnelley & Sons Co.   1,513,599   3,718   58erviceSource International Inc.   2,196,386   8,654   Powell Industries Inc.   2,196,386   8,654   Powell Industries Inc.   2,196,386   8,654   Powell Industries Inc.   3,380,019   8,055   8,057	*			
s SarviceSource International Inc.         2,196,386         8,686           Great Lakes Dredge & Dock Corp.         1,357,465         8,072           Batbock & Wildoox Enterprises Inc.         1,367,465         8,072           Batbock & Wildoox Enterprises Inc.         178,416         7,980           Daktronics Inc.         393,534         7,980           Pill II International Inc.         1,341,179         7,913           Wilstras Group Inc.         16,520         7,811           Park-Chie Pfoldings Corp.         20,603         7,604           Park-Chie Pfoldings Corp.         20,603         3,722           Park-Chie Pfoldings Corp.         36,732         3,811           Park-Chie Pfoldings Corp.         36,732         3,811           Park-Chie Pfoldings Corp.         36,732         3,732           Nuvectra Corp.         36,743         4,818           Sparin Corp.         36,463         7,275           Nuvectra Corp.         36,463         7,275           Omege Flex Inc.         93,438         7,389           Millier Industrise Inc.         28,463         7,156           Engry Recovery Inc.         383,064         7,136           Millier Industrise Inc.         28,462         7,116     <	*		•	
Powell Industries Inc.   1,257,276   8,077				
1. Geal Lakes Dredge & Dock Corp.         1,537,466         8,075           Babook & Willoox Enterprises Inc.         3,96,019         8,056           Huroc Cos. Inc.         178,416         7,986           Daktronics Inc.         393,534         7,980           Hill International Inc.         1,341,779         7,913           Mistras Group Inc.         204,003         7,032           Ferregross Corp.         204,003         7,032           Ferregross Corp.         204,003         7,438           American Halizar Inc.         180,398         7,448           American Halizar Inc.         180,398         7,439           Sparing Corp.         384,483         7,277           Sparing Corp.         384,483         7,277           Omage Flox Inc.         93,4483         7,277           Energy Recovery Inc.         383,064         7,136           Miller Industries Inc.         276,887         7,100           Villean Group Inc.         283,815         7,00           Franklin Covey Co.         276,887         6,792           Villean Group Inc.         226,881         6,792           Urillar Technologies Inc.         281,822         6,800           Gradia Sparing Inc.	*			
28 Babcock & Wilcox Enterprises Inc.         3,386,019         8,595           Daktronics Inc.         1978,416         7,984           Daktronics Inc.         1935,334         7,980           Mistras Group Inc.         415,320         7,841           Park-Chilo Holdings Corp.         20,4603         7,622           Energous Corp.         502,224         7,448           American Relizar Industries Inc.         367,722         7,391           American Relizar Industries Inc.         367,722         7,391           Sparton Corp.         367,402         7,249           Sparton Corp.         364,403         7,277           Sparton Corp.         364,403         7,277           Miller Industries Inc.         276,524         7,148           Energy Recovery Inc.         278,524         7,178           Miller Industries Inc.         278,524         7,178           Willdam Group Inc.         226,018         7,000           Evo Payments Inc. Class A         1,72,781         7,000           Frankin Cover Co.         276,687         8,733           Frankin Cover Co.         276,687         8,733           Frankin Cover Co.         276,687         8,733           Frankin Cover Co. </td <td></td> <td></td> <td></td> <td></td>				
Hurco Cos. Inc.   178,416   7,984   Daktronics Inc.   935,354   7,980     Hill International Inc.   1,341,179   7,913   Mistras Group Inc.   415,320   7,841   Park-Onio Holdings Corp.   204,003   7,632   Energous Corp.   500,294   7,449   American Ralicar Industries Inc.   188,389   7,438   Heritage-Crystal Clean Inc.   387,732   7,391   Sparton Corp.   387,515   7,389   Nuvertar Corp.   387,515   7,389   Hiller Industries Inc.   90,339   7,151   Energy Raccovery Inc.   80,339   7,151   Energy Raccovery Inc.   383,064   7,135   Hiller Industries Inc.   226,003   7,000   Evo Payments Inc. Class A   3,152   7,002   Formal Covey Co.   278,522   7,116   Evo Payments Inc. Class A   1,747,781   6,782   Coverses Shipholding Group Inc. Class A   1,747,781   6,782   Coverses Shipholding Group Inc. Class A   1,747,781   6,782   Lint/Gor Coverses Shipholding Group Inc. Class A   1,747,781   6,782   Lint/Gor Coverses Shipholding Group Inc. Class A   1,747,781   6,782   Lint/Gor Coverses Shipholding Group Inc. Class A   1,747,781   6,782   Lint/Gor Coverses Shipholding Group Inc. Class A   1,747,781   6,782   Lint/Gor Coverses Shipholding Group Inc. Class A   1,747,781   6,782   Lint/Gor Coverses Shipholding Group Inc. Class A   1,747,781   6,782   Lint/Gor Coverses Shipholding Group Inc. Class A   1,747,781   6,782   Lint/Gor Coverses Shipholding Group Inc. Class A   1,747,781   6,782   Lint/Gor Coverses Shipholding Group Inc. Class A   1,747,781   6,782   Lint/Gor Coverses Shipholding Group Inc. Class A   1,747,781   6,782   Lint/Gor Coverses Shipholding Group Inc. Class A   1,747,781   6,782   Lint/Gor Coverses Shipholding Group Inc. Class A   1,842   Lint/Gor Coverses Shiph	*			
Distronics Inc.         935,394         7,960           Mill stras Group Inc.         415,320         7,841           Park-Chio Holdings Corp.         204,603         7,632           Energous Corp.         502,294         7,449           American Ballacr Industries Inc.         367,732         7,391           Holtage-Crystal Clean Inc.         367,732         7,391           Spartno Corp.         387,515         7,359           Nuvectre Corp.         364,463         7,277           Omege Flex Inc.         883,094         7,135           Energy Recovery Inc.         883,094         7,136           Miller Industries Inc.         883,094         7,136           Eve Payments Inc. Class A         343,152         7,062           Willdan Group Inc.         276,687         6,793           Fra Group Inc.         278,687         6,793           Overseas Shipholding Group Inc. Class A         1,742,781         6,762           IntriCon Corp.         126,1882         5,500           IntriCon Corp.         261,882         5,500           IntriCon Corp.         261,882         5,500           IntriCon Corp.         261,882         5,500           IntriCon Corp.         261	*,^			
Hill International Inc.         1,341,179         7,913           Mistras Group Inc.         204,603         7,834           Energous Corp.         502,603         7,632           Energous Corp.         502,603         7,632           Heritage-Crystal Clean Inc.         188,389         7,438           Sparton Corp.         387,515         7,399           Nuvectra Corp.         381,463         7,277           Omega Flex Inc.         90,399         7,151           Energy Recovery Inc.         883,094         7,138           Miller Industries Inc.         278,524         7,116           Evo Payments Inc. Class A         278,524         7,168           Willdan Group Inc.         226,018         7,000           Franklin Covey Co.         276,687         6,733           Franklin Covey Co.         276,687         6,733           IntroCor Corp.         104,797         6,600           IntroCor Corp.         104,977         6,600           IntroCor Corp.         104,977         6,600           IntroCor Corp.         205,561         6,372           IntroCor Corp.         205,561         6,372           IntroCor Corp.         205,561         6,372			·	,
1. Mistras Group Inc.         415,320         7,824           Park-Onio Holdings Corp.         502,204         7,429           2. Energous Corp.         502,224         7,449           American Balcar Industries Inc.         188,389         7,438           1. Heritage-Crystal Clean Inc.         307,732         7,391           Sparton Corp.         346,463         7,277           Omaga Pika Inc.         80,399         7,151           Energy Recovery Inc.         833,064         7,136           Miller Industries Inc.         833,064         7,136           Eve Payments Inc. Class A         343,152         7,062           Wildian Group Inc.         276,687         6,733           Overseas Shipholding Group Inc. Class A         1,742,781         6,762           Vorseas Shipholding Group Inc. Class A         1,742,781         6,762           Intricon Corp.         261,882         6,500           Tym Disc Inc.         261,882         6,500           Graham Corp.         261,882         6,500           Graham Corp.         26,500         6,252           Intricon Corp.         26,500         6,252           Intricon Corp.         36,500         6,252           PiROX Global Inc			•	
Park-Ohio Holdings Corp.	*			
Febergous Corp.         502,294         7,449           Amorican Ballacin Industries Inc.         188,389         7,438           Heritage-Crystal Clean Inc.         367,732         7,391           Sparton Corp.         384,643         7,277           Nuvectra Corp.         343,463         7,277           Omage Flix Inc.         80,399         7,151           Energy Recovery Inc.         83,004         7,138           Miller Industries Inc.         278,524         7,116           Eve Payments Inc. Class A         343,152         7,062           Willdan Group Inc.         226,018         7,062           Franklin Covery Co.         276,887         6,733           Coverseas Shipholding Group Inc. Class A         1,742,781         6,723           Intrico Corp.         261,882         6,500           Twin Disc Inc.         261,882         6,500           Graham Corp.         249,210         6,432           UPF Technologies Inc.         265,561         6,572           GP Stretegies Corp.         355,604         6,279           PRICX Global Inc.         314,574         5,661           Advanced Emissions Solutions Inc.         314,582         6,602           PRICX Global Inc.<	*		•	,
Heritage-Prystal Clean Inc.				
Heintage-Cystal Clan Inc.         387,732         7,391           Sparton Corp.         387,515         7,359           Nuvectra Corp.         98,463         7,277           Cenega Plex Inc.         90,399         7,151           Energy Recovery Inc.         883,064         7,135           Miller Industries Inc.         278,524         7,116           Eve Payments Inc. Class A         343,152         7,062           Willdan Group Inc.         226,118         7,000           Franklin Covey Co.         276,687         6,733           Era Group Inc.         523,681         6,728           Overseas Shipholding Group Inc. Class A         1,742,781         6,762           IntriCon Corp.         162,977         6,588           Twin Disc Inc.         261,882         6,500           Graham Corp.         249,216         6,327           UFF Technologies Inc.         206,561         6,372           GP Strategies Corp.         205,560         6,372           PROX Global Inc.         614,574         5,561           Advanced Emissions Solutions Inc.         614,574         5,561           Average Vision Inc.         153,590         5,817           Average Vision Inc. <td< td=""><td>*,^</td><td></td><td></td><td></td></td<>	*,^			
Sparton Corp.         387,515         7,359           Nuvectra Corp.         354,463         7,277           Omega Flax Inc.         99,399         7,151           Energy Recovery Inc.         883,096         7,135           Miller Industries Inc.         278,524         7,116           Evo Payments Inc. Class A         343,152         7,006           Willdan Group Inc.         226,018         7,000           Franklin Covey Co.         226,608         6,790           Franklin Covey Co.         226,608         6,790           Franklin Covey Co.         226,608         6,790           Franklin Covey Co.         226,608         6,700           Franklin Covey Co.         226,608         6,700           Very Co.         226,608         6,700           Very Co.         226,608         6,700           Very Co.         226,608         6,700           Tvir Disc Inc.         523,881         6,722           Graham Corp.         249,210         6,432           UPP Technologies Inc.         216,561         6,322           GP Strategies Corp.         315,560         6,229           PROX Global Inc.         514,401         5,844           S				,
Nuwectra Corp.         354.463         7.277           Omaga Plex Inc.         90.399         7.151           Energy Recovery Inc.         883.064         7.135           Miller Industries Inc.         278.524         7.118           E vo Payments Inc. Class A         343.152         7.062           Willdan Group Inc.         276.687         6.793           Franklin Covey Co.         276.687         6.793           Franklin Covey Co.         276.687         6.793           Franklin Covey Co.         276.687         6.793           IntriCon Corp.         162.977         6.568           Graham Corp.         261.882         6.500           Twin Dise Inc.         261.882         6.500           Graham Corp.         206.561         6.372           UFT Technologies Inc.         206.561         6.322           UFT Technologies Inc.         206.561         6.322           PRGX Global Inc.         355.604         6.259           PRGX Global Inc.         313.993         5.817           Advanced Emissions Solutions Inc.         153.598         5.626           Foundation Building Materials Inc.         378.239         5.817           Assure Software Inc.         356.036	*			
Omega Flex Inc.         90,399         7,151           Energy Recovery Inc.         883,064         7,135           Miller Industries Inc.         276,524         7,118           Evo Payments Inc. Class A         343,152         7,062           Willdan Group Inc.         226,018         7,000           Franklin Covey Co.         276,687         6,783           Era Group Inc.         523,681         6,782           IntriCon Corp.         162,977         6,586           IntriCon Corp.         162,977         6,586           Twin Disc Inc.         218,210         6,500           Graham Corp.         249,210         6,432           UFF Technologies Inc.         20,561         6,372           OF Strategies Corp.         355,604         6,259           PRGX Global Inc.         514,401         5,844           ShortSpotter Inc.         313,598         5,826           ShortSpotter Inc.         378,299         5,817           Commercial Vehicle Group Inc.         378,606         5,715           Asure Software Inc.         360,06         5,718           Asure Software Inc.         323,196         5,732           O'roin Group Holdings Inc.         473,20	*			
№ Energy Recovery Inc.         883,064         7,158           Miller Industries Inc.         278,524         7,116           E Vo Payments Inc. Class A         343,152         7,062           Willdan Group Inc.         226,018         7,000           F Franklin Covey Co.         276,687         6,783           E ra Group Inc.         523,681         6,782           Overseas Shipholding Group Inc. Class A         1,742,781         6,762           IntriCon Corp.         162,977         6,588           Twin Disc Inc.         261,882         6,500           Graham Corp.         249,210         6,432           UFP Technologies Inc.         206,561         6,372           G P Strategies Corp.         355,604         6,259           PRGX Global Inc.         614,574         5,961           Advanced Emissions Solutions Inc.         514,401         5,944           ShotSpotter Inc.         153,598         5,826           Foundation Building Materials Inc.         153,598         5,826           Foundation Building Materials Inc.         776,606         5,715           A sure Software Inc.         370,239         5,817           Orion Group Holdings Inc.         682,871         5,641      <	*			
Miller Industries Inc.				,
Evo Payments Inc. Class A         343, 152         7,062           Willdan Group Inc.         226,018         7,000           Franklin Covey Co.         276,687         6,783           Era Group Inc.         523,081         6,782           Overseas Shipholding Group Inc. Class A         1,742,781         6,762           IntriCon Corp.         162,977         6,568           Twin Disc Inc.         281,882         6,500           Graham Corp.         249,210         6,432           UFT Fetchnologies Inc.         206,561         6,372           GP Strategies Corp.         355,604         6,259           PRGX Global Inc.         614,574         5,961           Advanced Emissions Solutions Inc.         113,598         5,826           Foundation Building Materials Inc.         113,598         5,826           Commercial Vehicle Group Inc.         778,606         5,715           Asure Software Inc.         366,036         5,799           Orion Group Holdings Inc.         682,871         5,641           FreightCar Americal Inc.         327,072         5,492           Usin Truck Inc.         233,196         5,473           Bel Fuse Inc. Class B         24,008         5,086	*,^	9, ,		
Willdan Group Inc.       226,018       7,000         Franklin Covey Co.       276,687       6,793         Era Group Inc.       523,681       6,782         Voverseas Shipholding Group Inc. Class A       1,742,781       6,762         Intricon Corp.       162,977       6,588         Twin Disc Inc.       261,882       6,500         Graham Corp.       206,561       6,372         GP Strategies Corp.       355,604       6,259         PRGX Global Inc.       614,574       5,961         Advanced Emissions Solutions Inc.       153,598       5,826         Foundation Building Materials Inc.       153,598       5,826         Commercial Vehicle Group Inc.       778,606       5,715         Ausure Software Inc.       356,036       5,679         Orion Group Holdings Inc.       682,871       5,641         FreightCar America Inc.       327,072       5,492         USA Truck Inc.       233,196       5,473         General Finance Corp.       396,149       5,368         Bel Fuse Inc. Class B       242,008       5,058         Universal Logistics Holdings Inc.       489,975       4,763         Bel Fuse Inc. Class B       11,134,988       4,647			•	,
Franklin Covey Co.         523, 881         6,782           Era Group Inc.         523, 881         6,782           IntriCon Corp.         162,977         6,588           Twin Disc Inc.         261,882         6,500           Graham Corp.         249,210         6,432           UFF Technologies Inc.         206,561         6,372           GP Strategies Corp.         355,604         6,259           PRGX Global Inc.         1614,574         5,961           Advanced Emissions Solutions Inc.         1514,401         5,844           ShotSpotter Inc.         153,598         5,826           Commercial Vehicle Group Inc.         378,239         5,817           Commercial Vehicle Group Inc.         378,239         5,817           A Sure Software Inc.         366,036         5,679           Orion Group Holdings Inc.         682,871         5,641           FreightCar Americal Inc.         237,072         5,492           USA Truck Inc.         323,196         5,473           General Finance Corp.         381,483         4,856           Bel Fuse Inc. Class B         242,009         5,088           Bel Fuse Inc. Class B         214,820         4,930           Universal Logistics Hol	*			
F. Era Group Inc.         523,881         6,782           Overseas Shipholding Group Inc. Class A         1,742,781         6,782           IntriCon Corp.         162,977         6,588           Twin Disc Inc.         261,882         6,500           Graham Corp.         206,561         6,322           UPF Technologies Inc.         206,561         6,329           GP Strategies Corp.         355,604         6,289           PRGX Global Inc.         614,574         5,961           Advanced Emissions Solutions Inc.         1153,598         5,826           * Foundation Building Materials Inc.         378,239         5,817           * Commercial Vehicle Group Inc.         356,036         5,715           * Asure Software Inc.         356,036         5,879           Orion Group Holdings Inc.         682,871         5,641           * FreightCar America Inc.         327,072         5,492           * USA Truck Inc.         336,149         5,368           * Bel Fuse Inc. Class B         242,008         5,088           * Bel Fuse Inc. Class A         214,820         4,930           * Universal Logistics Holdings Inc.         184,833         4,852           * PSSweb Inc.         380,960         4,873	*			
Voerseas Shipholding Group Inc. Class A         1,742,781         6,762           IntriCon Corp.         162,977         6,568           Twin Disc Inc.         261,882         6,500           Graham Corp.         249,210         6,432           UFP Technologies Inc.         206,561         6,372           GP Strategies Corp.         355,604         6,259           PRGX Global Inc.         514,401         5,844           Advanced Emissions Solutions Inc.         514,401         5,844           As ShotSpotter Inc.         153,598         5,826           Foundation Bullding Materials Inc.         378,239         5,817           A sure Software Inc.         376,006         5,715           A sure Software Inc.         356,036         5,679           A sure Software Inc.         327,072         5,482           USA Truck Inc.         323,196         5,473           Sel Fuse Inc. Class B         242,008         5,088           Bel Fuse Inc. Class B         242,008         5,088           Bel Fuse Inc. Class A         214,820         4,930           Universal Logistics Holdings Inc.         184,833         4,852           Be Foster Co. Class A         214,820         4,930	*		-,	
IntriCon Corp.         162,977         6,588           Twin Disc Inc.         261,882         6,500           Graham Corp.         249,210         6,432           UFP Technologies Inc.         29,210         6,432           GP Strategies Corp.         355,604         6,259           PRGX Global Inc.         614,574         5,961           Advanced Emissions Solutions Inc.         514,401         5,844           ShotSpotter Inc.         153,598         5,826           Foundation Building Materials Inc.         378,239         5,817           Commercial Vehicle Group Inc.         378,039         5,817           Asure Software Inc.         356,036         5,679           Orion Group Holdings Inc.         662,871         5,641           FreightCar America Inc.         327,072         5,492           USA Truck Inc.         323,196         5,473           General Finance Corp.         396,149         5,368           Bel Fuse Inc. Class A         242,008         5,088           LB Foster Co. Class A         214,820         4,930           Universal Logistics Holdings Inc.         184,833         4,852           PFSweb Inc.         189,956         4,763           BG Staffing I	*		•	
Twin Disc Inc.         261,882         6,500           Graham Corp.         249,210         6,432           UFP Technologies Inc.         206,561         6,372           GP Strategies Corp.         355,604         6,259           PRGX Global Inc.         614,574         5,961           Advanced Emissions Solutions Inc.         514,401         5,841           ShotSpotter Inc.         378,239         5,872           Commercial Vehicle Group Inc.         378,006         5,715           Asure Software Inc.         356,036         5,679           Orion Group Holdings Inc.         682,871         5,641           FreightCar America Inc.         327,072         5,492           USA Truck Inc.         233,196         5,473           General Finance Corp.         396,149         5,368           Bel Fuse Inc. Class B         214,008         5,088           Bel Fuse Inc. Class B         214,820         4,930           Universal Logistics Holdings Inc.         48,975         4,763           Bo Staffing Inc.         18,4833         4,852           PFSweb Inc.         48,975         4,763           Bo Staffing Inc.         115,641         4,660           Information Services Group Inc	*		1,742,781	,
Graham Corp.         249,210         6,432           UFP Technologies Inc.         206,561         6,372           PRGX Global Inc.         355,604         6,259           PRGX Global Inc.         614,574         5,961           Advanced Emissions Solutions Inc.         514,401         5,844           ShotSpotter Inc.         153,598         5,826           Foundation Building Materials Inc.         378,239         5,817           Commercial Vehicle Group Inc.         778,606         5,715           Asure Software Inc.         366,036         5,679           Orion Group Holdings Inc.         682,871         5,641           FreightCar America Inc.         327,072         5,492           USA Truck Inc.         323,196         5,473           General Finance Corp.         361,49         5,368           Bel Fuse Inc. Class B         242,008         5,058           LB Foster Co. Class A         214,820         4,930           Universal Logistics Holdings Inc.         184,833         4,852           PSFSweb Inc.         203,010         4,723           BG Staffing Inc.         115,641         4,660           Information Services Group Inc.         115,641         4,660	*	!	162,977	
UFP Technologies Inc.         206,561         6,372           GP Strategies Corp.         355,604         6,259           Advanced Emissions Solutions Inc.         614,574         5,961           A ShotSpotter Inc.         153,598         5,826           Foundation Building Materials Inc.         378,239         5,817           Commercial Vehicle Group Inc.         778,606         5,715           Asure Software Inc.         360,336         5,679           Orion Group Holdings Inc.         682,871         5,641           Freight Car America Inc.         327,072         5,492           USA Truck Inc.         233,196         5,473           General Finance Corp.         396,149         5,368           Bel Fuse Inc. Class B         242,008         5,058           Universal Logistics Holdings Inc.         184,833         4,852           PFSweb Inc.         489,975         4,763           BG Staffing Inc.         489,975         4,763           Information Services Group Inc.         115,641         4,666           Information Services Group Inc.         300,741         4,666           Information Services Group Inc.         300,741         4,406           Genoor Industries Inc.         269,120         <	*		•	6,500
G P Strategies Corp.         355,604         6,259           PRGX Global Inc.         614,574         5,961           Advanced Emissions Solutions Inc.         151,401         5,844           ShotSpotter Inc.         153,598         5,826           Foundation Building Materials Inc.         378,239         5,817           Commercial Vehicle Group Inc.         778,606         5,715           Asure Software Inc.         356,036         5,679           Orion Group Holdings Inc.         682,871         5,641           FreightCar America Inc.         327,072         5,492           USA Truck Inc.         233,196         5,473           General Finance Corp.         396,149         5,368           Bel Fuse Inc. Class A         242,008         5,058           Be I La Foster Co. Class A         214,820         4,930           Universal Logistics Holdings Inc.         184,833         4,852           PFSweb Inc.         489,975         4,763           BG Staffing Inc.         115,641         4,660           Information Services Group Inc.         113,3498         4,647           Northwest Pipe Co.         235,936         4,570           Fortera Inc.         467,3345         4,547 <tr< td=""><td></td><td>Graham Corp.</td><td>249,210</td><td>6,432</td></tr<>		Graham Corp.	249,210	6,432
PRGX Global Inc.         614,574         5,961           Advanced Emissions Solutions Inc.         514,401         5,844           ShotSpotter Inc.         153,598         5,826           Foundation Building Materials Inc.         378,239         5,817           Commercial Vehicle Group Inc.         778,606         5,715           Asure Software Inc.         356,036         5,679           Orion Group Holdings Inc.         682,871         5,641           FreightCar America Inc.         327,072         5,482           USA Truck Inc.         233,196         5,473           General Finance Corp.         396,149         5,368           Bel Fuse Inc. Class B         242,008         5,088           LB Foster Co. Class A         214,820         4,930           Universal Logistics Holdings Inc.         184,833         4,852           PFSweb Inc.         489,975         4,763           BG Staffing Inc.         115,641         4,660           Information Services Group Inc.         115,641         4,660           Information Services Group Inc.         1,133,498         4,647           Maxwell Technologies Inc.         467,345         4,570           Morthwest Pipe Co.         269,120         4,346	*		206,561	6,372
Advanced Emissions Solutions Inc.       514,401       5,844         ShotSpotter Inc.       153,598       5,826         Foundation Building Materials Inc.       378,239       5,817         Commercial Vehicle Group Inc.       778,606       5,718         Asure Software Inc.       356,036       5,679         Orion Group Holdings Inc.       682,871       5,641         FreightCar America Inc.       327,072       5,492         USA Truck Inc.       233,196       5,473         General Finance Corp.       396,149       5,368         Bel Fuse Inc. Class B       242,008       5,058         Universal Logistics Holdings Inc.       184,833       4,882         PFSweb Inc.       184,833       4,882         PFSweb Inc.       489,975       4,763         BG Staffing Inc.       115,641       4,660         Information Services Group Inc.       115,641       4,660         Information Services Group Inc.       115,641       4,660         Maxwell Technologies Inc.       890,960       4,633         Northwest Pipe Co.       235,936       4,570         Fortera Inc.       467,345       4,547         Napco Security Technologies Inc.       154,082       4,322	*		355,604	6,259
ShotSpotter Inc.         155,598         5,826           Foundation Building Materials Inc.         378,239         5,817           Commercial Vehicle Group Inc.         778,606         5,715           Asure Software Inc.         356,036         5,679           Orion Group Holdings Inc.         682,871         5,641           FreightCar America Inc.         327,072         5,492           USA Truck Inc.         233,196         5,473           General Finance Corp.         396,149         5,368           Bel Fuse Inc. Class B         242,008         5,058           L B Foster Co. Class A         214,820         4,930           Universal Logistics Holdings Inc.         184,833         4,852           PFSweb Inc.         489,975         4,763           BG Staffing Inc.         203,010         4,720           EnviroStar Inc.         115,641         4,660           Information Services Group Inc.         1,133,498         4,647           Maxwell Technologies Inc.         890,960         4,633           Mayeo Security Technologies Inc.         467,345         4,547           Mapco Security Technologies Inc.         269,120         4,346           Gencor Industries Inc.         269,120         4,346<	*		614,574	5,961
• Foundation Building Materials Inc.         378,239         5,817           Commercial Vehicle Group Inc.         778,606         5,715           ↑ Asure Software Inc.         356,036         5,679           • Orion Group Holdings Inc.         682,871         5,641           FreightCar America Inc.         327,072         5,492           • USA Truck Inc.         233,196         5,473           • General Finance Corp.         396,149         5,368           • Bel Fuse Inc. Class B         242,008         5,058           • LB Foster Co. Class A         214,820         4,930           • Universal Logistics Holdings Inc.         184,833         4,852           • PFSweb Inc.         489,975         4,763           • BG Staffing Inc.         203,010         4,723           • EnviroStar Inc.         115,641         4,660           • Information Services Group Inc.         115,641         4,660           • Information Services Group Inc.         133,498         4,647           • Nature of Terra Inc.         467,345         4,570           • Fortera Inc.         467,345         4,547           • Rose occurity Technologies Inc.         269,120         4,346           • Eastern Co.         269,120         <			514,401	5,844
Commercial Vehicle Group Inc.         778,606         5,715           A Surre Software Inc.         356,036         5,715           Orion Group Holdings Inc.         682,871         5,641           FreightCar America Inc.         327,072         5,492           USA Truck Inc.         333,196         5,473           General Finance Corp.         396,149         5,388           Bel Fuse Inc. Class B         242,008         5,058           LB Foster Co. Class A         214,820         4,930           Universal Logistics Holdings Inc.         184,833         4,852           PFSweb Inc.         489,975         4,763           BG Staffing Inc.         203,010         4,723           EnviroStar Inc.         115,641         4,660           Information Services Group Inc.         1,133,498         4,647           Maxwell Technologies Inc.         890,960         4,633           Morthwest Pipe Co.         235,936         4,570           Porterra Inc.         467,345         4,547           Mapec Security Technologies Inc.         269,120         4,346           Eastern Co.         154,082         4,323           Horizon Global Corp.         686,878         4,094           Manit	*,^			5,826
Asure Software Inc.         356,036         5,679           Orion Group Holdings Inc.         682,871         5,641           FreightCar America Inc.         327,072         5,482           USA Truck Inc.         233,196         5,473           General Finance Corp.         396,149         5,368           Bel Fuse Inc. Class B         242,008         5,058           LB Foster Co. Class A         214,820         4,930           Universal Logistics Holdings Inc.         184,833         4,852           PSweb Inc.         489,975         4,763           BG Staffing Inc.         203,010         4,720           EnviroStar Inc.         115,641         4,660           Information Services Group Inc.         1,133,498         4,647           Maxwell Technologies Inc.         890,960         4,633           Northwest Pipe Co.         235,936         4,570           Forterra Inc.         467,345         4,547           Napco Security Technologies Inc.         300,741         4,406           Gencor Industries Inc.         269,120         4,346           Eastern Co.         154,082         4,322           Manitex International Inc.         339,176         4,233           Moriting	*			5,817
· Orion Group Holdings Inc.         682,871         5,641           FreightCar America Inc.         327,072         5,492           USA Truck Inc.         233,196         5,473           General Finance Corp.         396,149         5,368           Bel Fuse Inc. Class B         242,008         5,058           LB Foster Co. Class A         214,820         4,930           Universal Logistics Holdings Inc.         184,833         4,852           PFSweb Inc.         489,975         4,763           BG Staffing Inc.         203,010         4,720           EnviroStar Inc.         115,641         4,660           Information Services Group Inc.         1,133,498         4,647           Maxwell Technologies Inc.         890,960         4,633           Morthwest Pipe Co.         285,936         4,570           Forterra Inc.         467,345         4,547           Napco Security Technologies Inc.         300,741         4,406           Gencor Industries Inc.         269,120         4,346           Astronics Grop.         703,464         4,319           Maintex International Inc.         339,176         4,233           Maintex International Inc.         46,612         3,981	*	· ·	•	5,715
FreightCar America Inc.   327,072   5,492	*,^			
. USA Truck Inc.       233,196       5,473         . General Finance Corp.       396,149       5,368         . Bel Fuse Inc. Class B       242,008       5,058         . LB Foster Co. Class A       214,820       4,930         Universal Logistics Holdings Inc.       184,833       4,852         . PFSweb Inc.       489,975       4,763         . BG Staffing Inc.       203,010       4,772         . Information Services Group Inc.       115,641       4,660         . Information Services Group Inc.       113,3498       4,647         . Maxwell Technologies Inc.       890,960       4,633         . Northwest Pipe Co.       235,936       4,570         . Northwest Pipe Co.       235,936       4,570         . Napco Security Technologies Inc.       467,345       4,547         . Napco Security Technologies Inc.       269,120       4,346         . Sastern Co.       154,082       4,322         . CECO Environmental Corp.       703,464       4,319         . Manitex International Inc.       339,176       4,233         . Astronics Corp. Class B       111,320       3,981         . United States Lime & Minerals Inc.       46,612       3,911         . Willis Lease Finance Corp.	*		682,871	5,641
** General Finance Corp.       396,149       5,368         Bel Fuse Inc. Class B       242,008       5,058         LB Foster Co. Class A       214,820       4,930         Universal Logistics Holdings Inc.       184,833       4,852         PFSweb Inc.       489,975       4,763         BG Staffing Inc.       203,010       4,720         * EnviroStar Inc.       115,641       4,660         Information Services Group Inc.       1,133,498       4,647         * Maxwell Technologies Inc.       890,960       4,633         * Northwest Pipe Co.       235,936       4,570         * Napco Security Technologies Inc.       300,741       4,406         * Gencor Industries Inc.       269,120       4,346         * Gencor Industries Inc.       269,120       4,346         * Eastern Co.       154,082       4,322         * CECO Environmental Corp.       154,082       4,232         * Manitex International Inc.       339,176       4,233         * Astronics Corp. Class B       111,320       3,981         * United States Lime & Minerals Inc.       46,612       3,911         * Turtle Beach Corp.       186,938       3,799         * Villis Lease Finance Corp.       186,938			327,072	5,492
Bel Fuse Inc. Class B         242,008         5,058           LB Foster Co. Class A         214,820         4,930           Universal Logistics Holdings Inc.         184,833         4,852           PFSweb Inc.         489,975         4,763           BG Staffing Inc.         203,010         4,720           EnviroStar Inc.         115,641         4,660           Information Services Group Inc.         1,133,498         4,647           Maxwell Technologies Inc.         890,960         4,633           Northwest Pipe Co.         235,936         4,570           Napco Security Technologies Inc.         467,345         4,547           Napco Security Technologies Inc.         269,120         4,346           Eastern Co.         154,082         4,322           CECO Environmental Corp.         154,082         4,322           Manitex International Inc.         339,176         4,232           Martitax International Inc.         339,176         4,232           Martitax International Corp.         686,878         4,094           Martitax International Minerals Inc.         46,612         3,911           Millis Lease Finance Corp.         186,938         3,784           Millis Lease Finance Corp.         186,938	*			5,473
LB Foster Co. Class A       214,820       4,930         Universal Logistics Holdings Inc.       184,833       4,852         PFSweb Inc.       489,975       4,763         BG Staffing Inc.       203,010       4,720         EnviroStar Inc.       115,641       4,660         Information Services Group Inc.       1,133,498       4,647         Maxwell Technologies Inc.       890,960       4,633         Northwest Pipe Co.       235,936       4,570         Northwest Pipe Co.       300,741       4,406         Napco Security Technologies Inc.       300,741       4,406         Gencor Industries Inc.       269,120       4,346         Eastern Co.       154,082       4,322         CECO Environmental Corp.       703,464       4,319         Manitex International Inc.       339,176       4,233         Maritex International Inc.       339,176       4,233         Maritex International Security Inc.       686,878       4,094         Astronics Corp. Class B       111,320       3,981         United States Lime & Minerals Inc.       46,612       3,911         Millis Lease Finance Corp.       121,637       3,843         Millis Lease Finance Corp.       121,637       3	*	General Finance Corp.	396,149	5,368
Universal Logistics Holdings Inc.       184,833       4,852         PFSweb Inc.       489,975       4,763         BG Staffing Inc.       203,010       4,720         EnviroStar Inc.       115,641       4,660         Information Services Group Inc.       1,133,498       4,647         Maxwell Technologies Inc.       890,960       4,633         Northwest Pipe Co.       235,936       4,570         Northwest Pipe Co.       235,936       4,570         Napco Security Technologies Inc.       467,345       4,547         Napco Security Technologies Inc.       269,120       4,346         Eastern Co.       154,082       4,322         CECO Environmental Corp.       703,464       4,319         Manitex International Inc.       339,176       4,233         Mary Horizon Global Corp.       686,878       4,094         Astronics Corp. Class B       111,320       3,981         United States Lime & Minerals Inc.       46,612       3,911         Willis Lease Finance Corp.       121,637       3,843         Mary Human Technologies Inc.       285,836       3,784		Bel Fuse Inc. Class B	242,008	5,058
*** PFSweb Inc.       489,975       4,763         BG Staffing Inc.       203,010       4,720         ^* EnviroStar Inc.       115,641       4,660         ^* Information Services Group Inc.       1,133,498       4,647         ^* Maxwell Technologies Inc.       890,960       4,633         ^* Northwest Pipe Co.       235,936       4,570         ^* Forterra Inc.       467,345       4,547         ^* Napco Security Technologies Inc.       300,741       4,406         ^* Gencor Industries Inc.       269,120       4,346         Eastern Co.       154,082       4,322         CECO Environmental Corp.       703,464       4,319         ^* Manitex International Inc.       339,176       4,233         ^* Horizon Global Corp.       686,878       4,094         ^* Astronics Corp. Class B       111,320       3,981         United States Lime & Minerals Inc.       46,612       3,911         ** Turtle Beach Corp.       121,637       3,843         ** Turtle Beach Corp.       186,938       3,784         ** Xerium Technologies Inc.       285,836       3,784	*			4,930
BG Staffing Inc.       203,010       4,720         EnviroStar Inc.       115,641       4,660         Information Services Group Inc.       1,133,498       4,647         Maxwell Technologies Inc.       890,960       4,633         Northwest Pipe Co.       235,936       4,570         Napco Security Technologies Inc.       467,345       4,547         Gencor Industries Inc.       269,120       4,346         Eastern Co.       154,082       4,322         CECO Environmental Corp.       703,464       4,319         Manitex International Inc.       339,176       4,233         Horizon Global Corp.       686,878       4,094         Astronics Corp. Class B       111,320       3,981         United States Lime & Minerals Inc.       46,612       3,911         Willis Lease Finance Corp.       121,637       3,843         Marium Technologies Inc.       285,836       3,784				4,852
A EnviroStar Inc.       115,641       4,660         ★ Information Services Group Inc.       1,133,498       4,647         ★ Maxwell Technologies Inc.       890,960       4,633         ★ Northwest Pipe Co.       235,936       4,570         ★ Forterra Inc.       467,345       4,547         ★ Napco Security Technologies Inc.       300,741       4,406         ★ Gencor Industries Inc.       269,120       4,346         ★ Eastern Co.       154,082       4,322         ★ CECO Environmental Corp.       703,464       4,319         ★ Manitex International Inc.       339,176       4,233         ★ Horizon Global Corp.       686,878       4,094         ★ Astronics Corp. Class B       111,320       3,981         United States Lime & Minerals Inc.       46,612       3,911         ★ Willis Lease Finance Corp.       121,637       3,843         ★ Turtle Beach Corp.       186,938       3,799         ★ Xerium Technologies Inc.       285,836       3,784	*		489,975	4,763
** Information Services Group Inc.       1,133,498       4,647         ** Maxwell Technologies Inc.       890,960       4,633         * Northwest Pipe Co.       235,936       4,570         * Forterra Inc.       467,345       4,547         * Napco Security Technologies Inc.       300,741       4,406         * Gencor Industries Inc.       269,120       4,346         Eastern Co.       154,082       4,322         * CECO Environmental Corp.       703,464       4,319         * Manitex International Inc.       339,176       4,233         * Horizon Global Corp.       686,878       4,094         * Astronics Corp. Class B       111,320       3,981         United States Lime & Minerals Inc.       46,612       3,911         * Willis Lease Finance Corp.       121,637       3,843         * Turtle Beach Corp.       186,938       3,799         * Xerium Technologies Inc.       285,836       3,784		5		4,720
*** Maxwell Technologies Inc.       890,960       4,633         * Northwest Pipe Co.       235,936       4,570         * Forterra Inc.       467,345       4,547         * Napco Security Technologies Inc.       300,741       4,406         * Gencor Industries Inc.       269,120       4,346         Eastern Co.       154,082       4,322         * CECO Environmental Corp.       703,464       4,319         * Manitex International Inc.       339,176       4,233         * Maritex International Inc.       686,878       4,094         * Astronics Corp. Class B       111,320       3,981         * United States Lime & Minerals Inc.       46,612       3,911         * Willis Lease Finance Corp.       121,637       3,843         * Turtle Beach Corp.       186,938       3,799         * Xerium Technologies Inc.       285,836       3,784	^		115,641	4,660
** Northwest Pipe Co.       235,936       4,570         ** Forterra Inc.       467,345       4,547         * Napco Security Technologies Inc.       300,741       4,406         * Gencor Industries Inc.       269,120       4,346         Eastern Co.       154,082       4,322         CECO Environmental Corp.       703,464       4,319         * Manitex International Inc.       339,176       4,233         * Horizon Global Corp.       686,878       4,094         * Astronics Corp. Class B       111,320       3,981         United States Lime & Minerals Inc.       46,612       3,911         * Willis Lease Finance Corp.       121,637       3,843         * Turtle Beach Corp.       186,938       3,799         * Xerium Technologies Inc.       285,836       3,784	*		1,133,498	4,647
*** Forterra Inc.       467,345       4,547         * Napco Security Technologies Inc.       300,741       4,406         * Gencor Industries Inc.       269,120       4,346         Eastern Co.       154,082       4,322         * CECO Environmental Corp.       703,464       4,319         * Manitex International Inc.       339,176       4,233         * Horizon Global Corp.       686,878       4,094         * Astronics Corp. Class B       111,320       3,981         * United States Lime & Minerals Inc.       46,612       3,911         * Willis Lease Finance Corp.       121,637       3,843         * Turtle Beach Corp.       186,938       3,799         * Xerium Technologies Inc.       285,836       3,784	*,^	Maxwell Technologies Inc.	890,960	4,633
* Napco Security Technologies Inc.       300,741       4,466         * Gencor Industries Inc.       269,120       4,346         Eastern Co.       154,082       4,322         CECO Environmental Corp.       703,464       4,319         * Manitex International Inc.       339,176       4,233         * Horizon Global Corp.       686,878       4,094         * Astronics Corp. Class B       111,320       3,981         United States Lime & Minerals Inc.       46,612       3,911         * Willis Lease Finance Corp.       121,637       3,843         * Turtle Beach Corp.       186,938       3,799         * Xerium Technologies Inc.       285,836       3,784	*	Northwest Pipe Co.	235,936	4,570
** Gencor Industries Inc.       269,120       4,346         Eastern Co.       154,082       4,322         CECO Environmental Corp.       703,464       4,319         * Manitex International Inc.       339,176       4,233         * Horizon Global Corp.       686,878       4,094         * Astronics Corp. Class B       111,320       3,981         United States Lime & Minerals Inc.       46,612       3,911         * Willis Lease Finance Corp.       121,637       3,843         * Turtle Beach Corp.       186,938       3,799         * Xerium Technologies Inc.       285,836       3,784	*,^	Forterra Inc.	467,345	4,547
Eastern Co.       154,082       4,322         CECO Environmental Corp.       703,464       4,319         Manitex International Inc.       339,176       4,233         Horizon Global Corp.       686,878       4,094         Astronics Corp. Class B       111,320       3,981         United States Lime & Minerals Inc.       46,612       3,911         Willis Lease Finance Corp.       121,637       3,843         Turtle Beach Corp.       186,938       3,799         Xerium Technologies Inc.       285,836       3,784	*			4,406
CECO Environmental Corp.       703,464       4,319         Manitex International Inc.       339,176       4,233         Horizon Global Corp.       686,878       4,094         Astronics Corp. Class B       111,320       3,981         United States Lime & Minerals Inc.       46,612       3,911         Willis Lease Finance Corp.       121,637       3,843         Turtle Beach Corp.       186,938       3,799         Xerium Technologies Inc.       285,836       3,784	*		269,120	4,346
* Manitex International Inc.       339,176       4,233         * Horizon Global Corp.       686,878       4,094         * Astronics Corp. Class B       111,320       3,981         United States Lime & Minerals Inc.       46,612       3,911         * Willis Lease Finance Corp.       121,637       3,843         * Turtle Beach Corp.       186,938       3,799         * Xerium Technologies Inc.       285,836       3,784				4,322
** Horizon Global Corp.       686,878       4,094         * Astronics Corp. Class B       111,320       3,981         United States Lime & Minerals Inc.       46,612       3,911         * Willis Lease Finance Corp.       121,637       3,843         * Turtle Beach Corp.       186,938       3,799         * Xerium Technologies Inc.       285,836       3,784		CECO Environmental Corp.		4,319
* Astronics Corp. Class B       111,320       3,981         United States Lime & Minerals Inc.       46,612       3,911         * Willis Lease Finance Corp.       121,637       3,843         * Turtle Beach Corp.       186,938       3,799         * Xerium Technologies Inc.       285,836       3,784	*	Manitex International Inc.	339,176	4,233
United States Lime & Minerals Inc.       46,612       3,911         Willis Lease Finance Corp.       121,637       3,843         Turtle Beach Corp.       186,938       3,799         Xerium Technologies Inc.       285,836       3,784	*,^		686,878	4,094
* Willis Lease Finance Corp.       121,637       3,843         * Turtle Beach Corp.       186,938       3,799         * Xerium Technologies Inc.       285,836       3,784	*		111,320	3,981
* Willis Lease Finance Corp.       121,637       3,843         * Turtle Beach Corp.       186,938       3,799         * Xerium Technologies Inc.       285,836       3,784		United States Lime & Minerals Inc.	46,612	3,911
** Turtle Beach Corp.       186,938       3,799         * Xerium Technologies Inc.       285,836       3,784	*	Willis Lease Finance Corp.	121,637	3,843
* Xerium Technologies Inc. 285,836 3,784	*,^	Turtle Beach Corp.	186,938	3,799
* Intevac Inc. 754,880 3,661	*	Xerium Technologies Inc.		3,784
	*	Intevac Inc.	754,880	3,661

			Market
		Shares	Value (\$000)
*	Iteris Inc.	745,165	3,607
*	Radiant Logistics Inc.	919,807	3,596
	LSI Industries Inc.	669,774	3,577
*	IES Holdings Inc.	207,391	3,474
*	Cardlytics Inc.	159,404	3,469
*,^	CyberOptics Corp.	193,613	3,369
*	NACCO Industries Inc. Class A PAM Transportation Services Inc.	99,651 69,983	3,363 3,287
	Richardson Electronics Ltd.	336,052	3,207
*	Construction Partners Inc. Class A	246,300	3,244
*	Houston Wire & Cable Co.	380,723	3,236
	Crawford & Co. Class A	367,479	3,164
*	Transcat Inc.	161,258	3,048
	Crawford & Co. Class B	342,589	2,963
*	Lawson Products Inc.	112,129	2,730
*	DHI Group Inc.	1,153,875	2,712
*	StarTek Inc.	407,831	2,565
*,^	Huttig Building Products Inc.	539,804	2,564
*	Goldfield Corp.	590,960	2,512
*	Aspen Aerogels Inc.	501,784	2,459
*	Arotech Corp.	636,010	2,385
	Global Water Resources Inc.	236,036	2,219
*,^	MicroVision Inc.	1,885,440	2,112
*	Perceptron Inc.	195,912	2,067
*,^	ExOne Co.	286,758	2,030
*,^	Ultralife Corp. Hudson Technologies Inc.	208,691 989,489	2,003 1,989
*,^	CUI Global Inc.	643,279	1,911
*	ARC Document Solutions Inc.	1,016,895	1,800
*	Acacia Research Corp.	433,709	1,800
*	Roadrunner Transportation Systems Inc.	838,562	1,753
	Steel Connect Inc.	810,199	1,750
*,^	Capstone Turbine Corp.	1,220,798	1,746
*	Patriot Transportation Holding Inc.	79,886	1,718
*,^	Revolution Lighting Technologies Inc.	424,355	1,710
*,^	Aqua Metals Inc.	561,322	1,617
*	CPI Aerostructures Inc.	149,909	1,574
*	Frequency Electronics Inc.	191,069	1,540
*	US Xpress Enterprises Inc. Class A	98,700	1,494
*	Luna Innovations Inc.	488,259	1,455
	Mattersight Corp. Perma-Pipe International Holdings Inc.	535,988	1,434
*	Sharps Compliance Corp.	136,141 341,266	1,273 1,259
*	ASV Holdings Inc.	215,094	1,239
*,^	Workhorse Group Inc.	663,553	1,208
*	Ballantyne Strong Inc.	233,667	1,133
*	IEC Electronics Corp.	192,084	1,120
*,^	UQM Technologies Inc.	1,096,725	1,097
*,^	Lightbridge Corp.	1,092,208	1,092
*,^	LightPath Technologies Inc. Class A	472,290	1,086
*	Limbach Holdings Inc.	91,797	1,085
*,^	Odyssey Marine Exploration Inc.	128,355	1,064
*	Universal Technical Institute Inc.	323,866	1,020
*,^	eMagin Corp.	545,071	981
*	Espey Manufacturing & Electronics Corp.	36,513	980
	Hudson Global Inc.	604,126	979
*,^	ClearSign Combustion Corp.	469,860	940
	RF Industries Ltd. Issuer Direct Corp.	119,033 43,268	863 861
*	Perma-Fix Environmental Services	190,337	857
*	ALJ Regional Holdings Inc.	433,960	825
*	Lincoln Educational Services Corp.	433,960	717
*	Wireless Telecom Group Inc.	316,572	696
*	Taylor Devices Inc.	67,427	692
	·/ · · · · · · · · · · · · · · · · · ·	07,127	002

			Market Value
		Shares	(\$000)
*	Black Box Corp.	322,831	654
*,^	Applied DNA Sciences Inc.	516,369	651
*	Air T Inc.	19,270	646
*	Volt Information Sciences Inc.	188,183	640
	Greif Inc. Class B	11,048	636
*	Innovative Solutions & Support Inc.	206,801	602
*	Tecogen Inc.	160,095	596
*,^	SigmaTron International Inc. DPW Holdings Inc.	84,764 1,072,879	595 582
*	Broadwind Energy Inc.	226,965	536
*,^	Medical Transcription Billing Corp.	138,038	534
	AMCON Distributing Co.	5,948	523
*,^	Air Industries Group	280,926	506
*	Vertex Energy Inc.	430,036	456
*,^	Synthesis Energy Systems Inc.	137,912	452
*,^	Orion Energy Systems Inc.	391,222	430
*	13 Verticals Inc. Class A	28,238	430
*	Energy Focus Inc.	215,166	409
*	Nuverra Environmental Solutions Inc.	32,216	387
*,^	Chicago Rivet & Machine Co. Polar Power Inc.	11,328 54,712	365 334
*	Image Sensing Systems Inc.	74,588	310
*	AMREP Corp.	41,838	298
*	DLH Holdings Corp.	52,984	290
*	ENGlobal Corp.	210,413	271
	Ecology and Environment Inc.	21,480	267
*	Cemtrex Inc.	120,430	252
*	Echelon Corp.	29,961	247
*,^	Digital Ally Inc.	99,249	233
*,^	EnSync Inc.	619,994	227
	Bel Fuse Inc. Class A	10,580	226
	Pioneer Power Solutions Inc. Sypris Solutions Inc.	41,047 127,117	211 208
*,^	Research Frontiers Inc.	248,137	208
*,^	Rubicon Technology Inc.	24,849	196
*	Fuel Tech Inc.	177,278	191
*,^	GEE Group Inc.	81,570	188
*,^	Payment Data Systems Inc.	112,111	185
*	Continental Materials Corp.	8,941	147
*	Boxlight Corp. Class A	26,628	136
*	Industrial Services of America Inc.	55,088	114
*	JetPay Corp.	56,499	110
*	Coda Octopus Group Inc.	27,130	108
*,^	AeroCentury Corp. Astrotech Corp.	6,716 28,908	106 90
*	SIFCO Industries Inc.	16,533	89
*	Quest Resource Holding Corp.	36,754	71
*,^	Professional Diversity Network Inc.	17,385	67
*,^	American Electric Technologies Inc.	42,240	53
*	SG Blocks Inc.	8,584	45
	Servotronics Inc.	4,914	45
*	Command Security Corp.	25,285	39
*	Electro-Sensors Inc.	1,291	5
*	Patriot National Inc.	129,819	4
*	Jewett-Cameron Trading Co. Ltd. Dorian LPG Ltd.	370 20	3
*,2	LGL Group Inc. Warrants Exp. 08/06/2018	3,000	_
,2	LGE Group Inc. VVariants Exp. 00/00/2010	3,000	90,235,502
Oil	& Gas (6.0%)		
	Exxon Mobil Corp.	105,966,749	8,766,629
	Chevron Corp.	47,828,625	6,046,973
	Schlumberger Ltd. ConocoPhillips	34,634,809 39,379,009	2,321,571
	EOG Resources Inc.	29,279,009 14,483,305	2,038,405 1,802,158
	LOG 1103001003 1110.	14,400,000	1,002,100

			Market Value
		Shares	(\$000)
	Occidental Petroleum Corp.	19,160,748	1,603,371
	Valero Energy Corp.	10,782,527	1,195,027
	Phillips 66	10,487,809	1,177,886
	Anadarko Petroleum Corp.	12,883,856	943,742
	Halliburton Co. Kinder Morgan Inc.	20,758,372 46,878,428	935,372 828,342
	Marathon Petroleum Corp.	11,555,070	810,704
	Pioneer Natural Resources Co.	4,262,079	806,556
	ONEOK Inc.	10,282,167	718,004
	Williams Cos. Inc.	20,664,239	560,208
	Devon Energy Corp.	12,441,633	546,934
*	Concho Resources Inc.	3,727,303	515,672
	Hess Corp. Andeavor	7,138,987 3,590,521	477,527 471,005
	Apache Corp.	9,553,658	446,634
	Marathon Oil Corp.	21,332,692	445,000
	Noble Energy Inc.	12,134,688	428,112
	National Oilwell Varco Inc.	9,515,386	412,968
	EQT Corp.	6,631,768	365,941
*	Baker Hughes a GE Co.	10,424,191	344,311
-	Cheniere Energy Inc. Diamondback Energy Inc.	5,265,964 2,466,038	343,288 324,457
	HollyFrontier Corp.	4,420,024	302,462
	Cabot Oil & Gas Corp.	11,312,256	269,232
	Targa Resources Corp.	5,228,910	258,779
	Cimarex Energy Co.	2,394,663	243,633
*	Parsley Energy Inc. Class A	6,490,523	196,533
*	WPX Energy Inc.	10,021,169	180,682
*	Energen Corp. OGE Energy Corp.	2,434,465 4,975,030	177,278 175,171
	Helmerich & Payne Inc.	2,594,552	165,429
*	Continental Resources Inc.	2,362,958	153,025
*	Newfield Exploration Co.	5,021,352	151,896
*,^	Transocean Ltd.	10,933,745	146,950
	Core Laboratories NV	1,114,608	140,675
*	RSP Permian Inc.	3,186,236	140,258
*	Murphy Oil Corp. Antero Resources Corp.	4,146,055 5,978,769	140,012 127,647
*	Whiting Petroleum Corp.	2,274,223	119,897
*,^	Chesapeake Energy Corp.	21,528,179	112,808
	PBF Energy Inc. Class A	2,637,636	110,596
	Range Resources Corp.	6,188,399	103,532
*	Oasis Petroleum Inc.	7,939,777	102,979
*	PDC Energy Inc.	1,660,673	100,388
*	First Solar Inc. Patterson-UTI Energy Inc.	1,832,603 5,316,020	96,505 95,688
	Delek US Holdings Inc.	1,888,503	94,746
	McDermott International Inc.	4,253,029	83,572
*	Centennial Resource Development Inc. Class A	4,620,569	83,447
*,^	Weatherford International plc	24,813,990	81,638
^	Ensco plc Class A	11,034,998	80,114
*	Apergy Corp.	1,914,361	79,925
*	Southwestern Energy Co. Matador Resources Co.	14,688,249	77,848 73,968
*	QEP Resources Inc.	2,461,497 5,918,689	72,563
	SM Energy Co.	2,796,542	71,843
*	SRC Energy Inc.	6,080,824	67,011
	Oceaneering International Inc.	2,506,882	63,825
	CNX Resources Corp.	3,560,626	63,308
*	Callon Petroleum Co.	5,585,122	59,984
*	Nabors Industries Ltd.	8,340,482	53,462
*	Denbury Resources Inc. Rowan Cos. plc Class A	10,981,634	52,822 52,262
*	Carrizo Oil & Gas Inc.	3,222,069 1,855,936	52,262 51,688
	Carrizo On & Cas IIIC.	1,000,800	31,000

			Market Value
_		Shares	(\$000)
	SemGroup Corp. Class A	2,006,799	50,973
	Dril-Quip Inc.	968,189	49,765
	California Resources Corp. MRC Global Inc.	1,083,419	49,231 47,995
*	Chart Industries Inc.	2,214,810 762,553	47,995 47,034
*	Gulfport Energy Corp.	3,643,076	45,793
*	Oil States International Inc.	1,382,469	44,377
*,^	Extraction Oil & Gas Inc.	2,831,742	41,598
	Pattern Energy Group Inc. Class A	2,218,018	41,588
*	Noble Corp. plc	6,330,393	40,071
	Archrock Inc.	3,188,254	38,259
*	Superior Energy Services Inc.	3,905,831	38,043
*	C&J Energy Services Inc.	1,574,990	37,170
*	NOW Inc.	2,777,219	37,020
*	Laredo Petroleum Inc.	3,788,754	36,448
*,^	Diamond Offshore Drilling Inc.	1,593,980	33,250
	Unit Corp.	1,274,209	32,569
	Helix Energy Solutions Group Inc.	3,582,739	29,844
*,^	ProPetro Holding Corp.	1,866,351 311,353	29,264
*	Penn Virginia Corp. Forum Energy Technologies Inc.	2,064,228	26,431 25,493
*	SEACOR Holdings Inc.	410,857	23,530
*	Cactus Inc.	662,705	22,393
*	Newpark Resources Inc.	2,010,197	21,811
*	Exterran Corp.	837.210	20,964
	RPC Inc.	1,416,517	20,639
*,^	Tellurian Inc.	2,408,052	20,035
*,^	Jagged Peak Energy Inc.	1,411,946	18,384
	Green Plains Inc.	1,001,328	18,324
*	Ring Energy Inc.	1,428,997	18,034
*	HighPoint Resources Corp.	2,809,818	17,084
*,^	Halcon Resources Corp.	3,772,580	16,562
*	W&T Offshore Inc.	2,311,219	16,525
*	Renewable Energy Group Inc.	924,062	16,494
^	CVR Energy Inc.	443,291	16,397
*,^	Bonanza Creek Energy Inc. Keane Group Inc.	430,522 1,171,499	16,304 16,014
*,^	Tidewater Inc.	544,696	15,758
*	Select Energy Services Inc. Class A	1,081,536	15,715
*	Talos Energy Inc.	470,678	15,123
*	Alta Mesa Resources Inc.	2,188,807	14,906
*	SandRidge Energy Inc.	826,926	14,670
*	WildHorse Resource Development Corp.	549,339	13,931
*	TETRA Technologies Inc.	3,109,726	13,838
*	TPI Composites Inc.	470,344	13,753
*	Par Pacific Holdings Inc.	781,053	13,575
*,^	Enphase Energy Inc.	1,944,085	13,084
*,^	Resolute Energy Corp.	418,900	13,070
*	Northern Oil and Gas Inc.	4,037,936	12,719
*,^	SunPower Corp. Class A REX American Resources Corp.	1,595,490	12,237
*	Matrix Service Co.	144,513 617,688	11,701 11,335
*,^	Plug Power Inc.	5,608,925	11,330
*	Abraxas Petroleum Corp.	3,903,907	11,282
*	Ultra Petroleum Corp.	4,847,303	11,197
*	Pioneer Energy Services Corp.	1,911,093	11,180
*	SEACOR Marine Holdings Inc.	477,739	11,031
*	FTS International Inc.	713,172	10,156
*,^	Mammoth Energy Services Inc.	279,418	9,489
*,^	Solaris Oilfield Infrastructure Inc. Class A	642,051	9,175
*	Trecora Resources	576,346	8,559
*	Natural Gas Services Group Inc.	359,984	8,496
*	Bristow Group Inc.	564,780	7,969
*,^	Sanchez Energy Corp.	1,759,921	7,955

			Market
		Shares	Value (\$000)
*	Midstates Petroleum Co. Inc.	561,762	7,646
	Panhandle Oil and Gas Inc. Class A	396,027	7,564
*	Energy XXI Gulf Coast Inc.	843,949	7,460
*,^	Liberty Oilfield Services Inc. Class A	383,936	7,187
	Evolution Petroleum Corp.	715,256	7,045
	Basic Energy Services Inc.	631,607	7,017
*	ION Geophysical Corp. Nine Energy Service Inc.	284,964 190,220	6,925 6,300
*	Green Brick Partners Inc.	618,520	6,061
*	Flotek Industries Inc.	1,623,719	5,245
*,^	Zion Oil & Gas Inc.	1,291,594	5,237
*	SilverBow Resources Inc.	177,597	5,129
*	Key Energy Services Inc.	314,292	5,104
*	Ameresco Inc. Class A	417,754	5,013
*,^	CARBO Ceramics Inc.	501,912	4,603
*	Dawson Geophysical Co.	561,444	4,435
*	Geospace Technologies Corp.	307,622	4,325
*,^	Lilis Energy Inc.	801,213	4,166
*	Earthstone Energy Inc. Class A	442,914	3,920
*,^	Comstock Resources Inc.	359,017	3,773
*,^	Gulfmark Offshore Inc.	110,105	3,689
*	Eclipse Resources Corp.	2,233,812	3,574
*	Lonestar Resources US Inc. Class A	418,980	3,536
*	Pacific Ethanol Inc.	1,358,426	3,532
*	Independence Contract Drilling Inc.	846,620	3,488
*	PHI Inc. Non-Voting ORD	330,800	3,364
*,^	Approach Resources Inc.	1,318,907	3,218
* .	VAALCO Energy Inc.	1,166,809	3,185
*,^	American Superconductor Corp.	452,138	3,165
*,^	NCS Multistage Holdings Inc. EP Energy Corp. Class A	216,831 1,024,693	3,151 3,074
*	Contango Oil & Gas Co.	1,024,093 534,581	3,074
*,^	FuelCell Energy Inc.	2,074,561	2,738
*,^	Smart Sand Inc.	506,432	2,689
*,^	Goodrich Petroleum Corp.	202,549	2,506
*	Hornbeck Offshore Services Inc.	631,703	2,502
	Gulf Island Fabrication Inc.	260,671	2,346
*	Quintana Energy Services Inc.	269,812	2,285
	Adams Resources & Energy Inc.	52,379	2,252
*	Isramco Inc.	17,021	2,092
*,^	Gastar Exploration Inc.	3,541,181	1,983
*	Ranger Energy Services Inc.	171,200	1,570
*,^	Infrastructure and Energy Alternatives Inc.	162,581	1,514
*	Parker Drilling Co.	3,518,932	1,337
*,^	Rosehill Resources Inc.	161,800	1,314
*,^	Torchlight Energy Resources Inc.	793,893	1,080
*	PHI Inc. ORD	68,197	710
*,^	Jones Energy Inc. Class A	1,871,554	695
	Enservoo Corp.	525,883	610
*,^	Eco-Stim Energy Solutions Inc. Talos Energy Inc. Warrants Exp. 02/28/2021	883,289 116,107	574 551
*,^	Ocean Power Technologies Inc.	116,107 500,965	426
*	Mitcham Industries Inc.	80,615	324
*,^	Aemetis Inc.	161,833	244
*	Superior Drilling Products Inc.	115,940	225
*,^	Ideal Power Inc.	162,098	172
*,^	Houston American Energy Corp.	382,849	116
*,^	Yuma Energy Inc.	146,228	78
*,^	SAExploration Holdings Inc.	30,093	48
*	Tidewater Inc. Class A Warrants	8,839	31
*	Tidewater Inc. Class B Warrants	9,555	26
*,^	Bonanza Creek Energy Inc. Warrants Exp. 04/28/2020	33,839	15
*	PetroQuest Energy Inc.	17,092	4
*	Basic Energy Services Inc. Warrants Exp. 12/23/2023	4,640	1

Rex Energy Corp.
Parent Natural Resources Inc.
Numer (0.0%)³         42,385,040           1°2         Dyax Corp. CVR Exp. 12/31/2019         2,750,063         5,50           2°2         Herbailfe Ltd. CVR         234,057         2,27           2°3         Tobira Therapeutics CVR Exp. 12/31/2028         201,001         91           2°8         NewStar Financial Inc         551,185         27           2°9         Cear Interapeutics CVR Line         653,477         17           2°8         Ambit Biosciences Corp. CVR         201,301         12           2°8         Media General Inc. CVR         201,331         7           2°8         Certa Therapeutics Inc. CVR         121,311         7           3°8         Media General Inc. CVR         201,331         17           4°8         Palmaceuticals Inc. CVR         121,311         7           5°8         Alexar Pharmaceuticals Inc. CVR         327,391         1           6°9         Alexar Pharmaceuticals Inc. Rights 7/13/18         102,033         1           1°2         Seventry Seven Energy Inc. Escrow Line         7,222         2           1°2         Cilnical Data CVR         216,285         -           1°3         Adolor Corp. Rights Exp. 07/01/2019         592,629         -
Other (0.0%)°         2. Pyac Corp. CVR Exp. 12/31/2019         2,750,063         5,50           12 Herbalife Ltd. CVR         234,057         2,27           12 Herbalife Ltd. CVR         234,057         2,27           12 NewStar Financial Inc         551,185         27           12 NewStar Financial Inc         653,477         17           12 Ambit Biosciences Corp. CVR         201,330         12           12 Ambit Biosciences Corp. CVR         2,351,934         9           12 Media General Inc. CVR         2,351,934         9           20 Omthera Pharmaceuticals Inc. CVR         121,311         7           2 Kadmon Warrants Exp. 09/29/2022         169,257         4           2 Kadwap Pharmaceuticals Inc. CVR         327,391         1           2 CDTi Advanced Materials Inc. Rights 7/13/18         102,033         1           2 Seventy Seven Energy Inc. Escrow Line         216,285         -           2 Clinical Data CVR         216,285         -           2 Adolor Corp. Rights Exp. 0701/2019         592,629         -           2 MuPathe Inc. CVR         158,681         -           2 NuPathe Inc. CVR         158,681         -           3 NuPathe Inc. Class A         60,036,157         118,686,2 <td< td=""></td<>
12 Herbalife Ltd. CVR       234,057       2,27         12 Tobira Therapeutics CVR Exp. 12/31/2028       201,001       91         13 NewStar Financial Inc       551,185       27         14 Ocera Therapeutics CVR Line       653,477       17         15 Abril Biosciences Corp. CVR       201,330       12         2 Media General Inc. CVR       2,351,934       9         20 Omther a Pharmaceuticals Inc. CVR       12,311       7         2 Kadmon Warrants Exp. 09/29/2022       168,257       4         2 Kadmon Warrants Exp. 09/29/2022       168,257       4         2 Kadmon Warrants Exp. 09/29/2022       169,257       4         2 Kadmon Warrants Exp. 09/29/2022       169,257       4         2 Kadmon Warrants Exp. 09/29/2022       169,257       4         2 Kadmon Warrants Exp. 07/01/2013       228,587       102,033         2 Cinical Data CVR       228,587       2         2 Seventy Seven Energy Inc. Escrow Line       7,222       2         2 Clinical Data CVR       216,285       -         2 Adolor Corp. Rights Exp. 07/01/2019       592,629       -         2 NuPathe Inc. CVR       158,681       -         3 NuPathe Inc. CVR       159,681       -         4 Nupathe Inc. CVR
1-22         Tobira Therapeutics CVR Exp. 12/31/2028         201,001         91           1-22         NewStar Financial Inc         551,185         27           2-2         Cear Therapeutics CVR Line         653,477         17           2-2         Ambit Biosciences Corp. CVR         201,330         12           2-3         Media General Inc. CVR         2,351,934         9           2-4         Ornthera Pharmaceuticals Inc. CVR         189,257         4           2-5         Akadano Marrants Exp. 09/29/2022         169,257         4           2-6         Akadano Marrants Exp. 09/29/2022         169,257         4           2-7         Alexa Pharmaceuticals Inc. CVR         327,391         1           2-8         Achieve Life Sciences Inc. Rights 7/13/18         102,033         1           2-1         Achieve Life Sciences Inc. CVR         228,587         2           2-2         Achieve Life Sciences Inc. CVR         216,285         -           2-3         Adoler Corp. Rights Exp. 07/01/2019         592,629         -           2-4         Adoler Corp. Rights Exp. 7/13/2018         50,466         -           2-7         Very of Therapeutics Inc. Rights Exp. 7/13/2018         50,466         -           3-7
12         NewStar Financial Inc         551,185         27           12         Ocera Therapeutics CVR Line         653,477         17           12         Ambit Biosciences Corp. CVR         201,330         12           12         Media General Inc. CVR         2,351,934         9           12         Omthera Pharmaceuticals Inc. CVR         121,311         7           12         Kadmon Warrants Exp. 09/29/2022         169,257         4           12         Alexza Pharmaceuticals Inc. CVR         37,391         1           12         Alexza Pharmaceuticals Inc. CVR         327,391         1           12         Achieve Life Sciences Inc. CVR         228,587         1           12         Achieve Life Sciences Inc. CVR         7,222         2           2         Clinical Data CVR         216,285         -           12         Adolor Corp. Rights Exp. 07/01/2019         592,629         -           12         Aldolor Corp. Rights Exp. 07/01/2019         593,629         -           12         Vitori Therapeutics Inc. Rights Exp. 7/13/2018         10,720,519         9,74           12         Apple Inc.         110,720,519         20,495,47           2         Apple Inc.         110,720,519
**2***       Ambit Biosciences Corp. CVR       201,330       12         **2***       Media General Inc. CVR       2,351,934       99         **2***       Omthera Pharmaceuticals Inc. CVR       121,311       77         ***       Kadmon Warrants Exp. 09/29/2022       169,257       4         ***       CDTi Advanced Materials Inc. CVR       327,391       1         ***       CDTi Advanced Materials Inc. Rights 7/13/18       102,033         ***       Achieve Life Sciences Inc. CVR       228,587         ***       CSeventy Seven Energy Inc. Escrow Line       7,222         ***       Clinical Data CVR       216,285       -         ***       Adolor Corp. Rights Exp. 07/01/2019       592,629       -         ***       Biosante Pharmaceutical Inc. CVR       253,823       -         ***       NuPathe Inc. CVR       158,681       -         ***       Votori Therapeutics Inc. Rights Exp. 7/13/2018       50,466       -         ***       Apple Inc.       110,720,519       9,495,47         ***       Apple Inc.       110,720,519       20,495,47         ***       Alphabet Inc. Class A       60,036,157       11,666,22         ***       Alphabet Inc. Class A       7,480,401
12         Media General Inc. CVR         2,351,934         9           12         Omthera Pharmaceuticals Inc. CVR         121,311         7           12         Kadmon Warrants Exp. 09/29/2022         169,257         4           12         Alexza Pharmaceuticals Inc. CVR         327,391         1           12         Alexze Pharmaceuticals Inc. Rights 7/13/18         102,033           12         Achieve Life Sciences Inc. CVR         228,587           12         Seventy Seven Energy Inc. Escrow Line         7,222           12         Clinical Data CVR         216,285         -           12         Alox Corp. Rights Exp. 07/01/2019         59,2629         -           12         MuPathe Inc. CVR         253,823         -           12         NuPathe Inc. CVR         158,681         -           12         Vytori Therapeutics Inc. Rights Exp. 7/13/2018         50,466         -           12         Apple Inc.         110,720,519         20,495,47           Microsoft Corp.         192,306,274         18,963,32           15         Facebook Inc. Class A         60,036,157         11,664,254           16         Alphabet Inc. Class A         7,418,191         8,345,50           16
12         Omthera Pharmaceuticals Inc. CVR         121,311         7           12         Kadmon Warrants Exp. 09/29/2022         169,257         4           2         Alexa Pharmaceuticals Inc. CVR         327,391         1           2         CDTi Advanced Materials Inc. Rights 7/13/18         102,033           32         Achieve Life Sciences Inc. CVR         228,587           2         Seventy Seven Energy Inc. Escrow Line         7,222           2         Seventy Seven Energy Inc. Escrow Line         116,285           2         Adolor Corp. Rights Exp. 07/01/2019         592,629           3         Linical Data CVR         253,823           4         Valuate Inc. CVR         158,881           5         Cytori Therapeutics Inc. Rights Exp. 7/13/2018         50,466           6         -           7         Paple Inc.         110,720,519           4         Apple Inc.         110,720,519           4         Apple Inc. Class Orp.         110,720,519           4         Pacebook Inc. Class A         60,036,157           5         Alphabet Inc. Class A         60,036,157         11,666,22           6         Paple Inc.         110,644,540         5,798,40           7
***         Kadmon Warrants Exp. 09/29/2022         169,257         4           ***         Alexza Pharmaceuticals Inc. CVR         327,391         1           ***         CDTI Advanced Materials Inc. Rights 7/13/18         102,033           ***         Achieve Life Sciences Inc. CVR         228,587           ***         Seventy Seven Energy Inc. Escrow Line         7,222           ***         Clinical Data CVR         216,285         -           ***         Alodor Corp. Rights Exp. 07/01/2019         592,629         -           ***         Biosante Pharmaceutical Inc. CVR         253,823         -           ***         VuPathe Inc. CVR         158,681         -           ***         Apple Inc.         110,720,519         20,495,47           ***         Apple Inc.         110,720,519         20,495,47           ***         Apple Inc.         110,7
12 Alexza Pharmaceuticals Inc. CVR         327,391         1           CDTi Advanced Materials Inc. Rights 7/13/18         102,033           2 Achieve Life Sciences Inc. CVR         228,587           12 Seventy Seven Energy Inc. Escrow Line         7,222           12 Clínical Data CVR         216,285           12 Adolor Corp. Rights Exp. 07/01/2019         592,629           1-2 Adolor Corp. Rights Exp. 07/01/2019         253,823           1-3 NuPathe Inc. CVR         158,681           1-4 Oytori Therapeutics Inc. Rights Exp. 7/13/2018         50,466           1-5 Apple Inc.         110,720,519         20,495,47           Apple Inc.         110,720,519         20,495,47           1-5 Facebook Inc. Class A         110,720,519         20,495,47           1-6 Facebook Inc. Class A         60,036,157         11,666,22           1-6 Intel Corp.         116,644,540         5,798,40           1 Intel Corp.         116,644,540         5,798,40           1 Intel Corp.         116,717,15,681         5,065,30           1 NVIDIA Corp.         13,672,478         3,239,01           1 International Business Machines Corp.         22,969,493         3,208,63           1 Adobe Systems Inc.         12,325,229         3,005,01           1 Exas Instruments Inc
**2*** Achieve Life Sciences Inc. CVR         228,587           **2** Seventy Sevent Energy Inc. Escrow Line         7,222           **2** Clinical Data CVR         216,285           **2** Adolor Corp. Rights Exp. 07/01/2019         592,629           **2** Biosante Pharmaceutical Inc. CVR         253,823           **2** NuPathe Inc. CVR         158,681           **2** Cytori Therapeutics Inc. Rights Exp. 7/13/2018         50,466           *** Technology (19.8%)         110,720,519           *** Apple Inc.         110,720,519           ** Microsoft Corp.         192,306,274           ** Alphabet Inc. Class A         60,036,157           ** Alphabet Inc. Class A         7,418,191           ** Alphabet Inc. Class C         7,480,401           Intel Corp.         116,644,540           Cisco Systems Inc.         117,715,681           NVIDIA Corp.         116,644,540           International Business Machines Corp.         22,969,493           Oracle Corp.         71,509,384           ** Adobe Systems Inc.         12,325,229           ** Texas Instruments Inc.         24,504,120           Broadcom Inc.         10,280,243           ** Backsorce.com Inc.         17,658,139           ** Sevent Seven Energy Inc.         24,964,39
**2*** Seventy Seven Energy Inc. Escrow Line         7,222           **2** Clinical Data CVR         216,285         -           **2** Adolor Corp. Rights Exp. 07/01/2019         592,629         -           **2** Biosante Pharmaceutical Inc. CVR         253,823         -           **2** NuPathe Inc. CVR         158,681         -           *** Cytori Therapeutics Inc. Rights Exp. 7/13/2018         50,466         -           *** Technology (19.8%)           *** Apple Inc.         110,720,519         20,495,47           Microsoft Corp.         192,306,274         18,963,32           *** Facebook Inc. Class A         60,036,157         11,666,22           *** Alphabet Inc. Class A         7,418,191         8,376,54           *** Intel Corp.         116,644,540         5,798,40           *** Intel Corp.         116,644,540         5,798,40           *** NVIDIA Corp.         116,644,540         5,798,40           *** NVIDIA Corp.         117,715,681         5,065,30           *** NVIDIA Corp.         113,672,478         3,239,01           *** International Business Machines Corp.         71,509,384         3,150,70           *** Casco Systems Inc.         12,235,229         3,005,01           *** Texas Instruments Inc.
1.2 Clinical Data CVR         216,285         -           1.2 Adolor Corp. Rights Exp. 07/01/2019         592,629         -           2 Biosante Pharmaceutical Inc. CVR         253,823         -           1.2 NuPathe Inc. CVR         158,681         -           1.4 Cytori Therapeutics Inc. Rights Exp. 7/13/2018         50,466         -           Py.47           Technology (19.8%)         Technology (19.8%)         110,720,519         20,495,47           Microsoft Corp.         192,306,274         18,963,32           Microsoft Corp.         192,306,274         18,963,32           Alphabet Inc. Class A         7,418,191         8,376,54           Alphabet Inc. Class A         7,418,191         8,376,54           Alphabet Inc. Class C         7,480,401         8,345,50           Intel Corp.         116,644,540         5,798,40           Cisco Systems Inc.         117,715,681         5,065,32           NVIDIA Corp.         13,672,478         3,239,01           International Business Machines Corp.         22,969,493         3,208,83           Oracle Corp.         71,509,384         3,150,70           Adobe Systems Inc.         12,325,229         3,005,01           Texas Instrum
**2*** Adolor Corp. Rights Exp. 07/01/2019       592,629
32 NuPathe Inc. CVR         158,681 Cytori Therapeutics Inc. Rights Exp. 7/13/2018         158,681 50,466         150,466         150,466         150,466         150,466         150,466         150,467         150,466         150,467         150,474         150,454         170,720,519         20,495,47         20,495,47         18,963,32
Cytori Therapeutics Inc. Rights Exp. 7/13/2018         50,466
Page   Page
Technology (19.8%)         Apple Inc.       110,720,519       20,495,47         Microsoft Corp.       192,306,274       18,963,32         * Facebook Inc. Class A       60,036,157       11,666,22         * Alphabet Inc. Class A       7,418,191       8,376,54         * Alphabet Inc. Class C       7,480,401       8,345,50         Intel Corp.       116,644,540       5,798,40         Cisco Systems Inc.       117,715,681       5,065,30         NVIDIA Corp.       13,672,478       3,239,01         International Business Machines Corp.       22,969,493       3,208,83         Oracle Corp.       71,509,384       3,150,70         * Adobe Systems Inc.       12,325,229       3,005,01         Texas Instruments Inc.       24,504,120       2,701,57         Broadcom Inc.       10,280,243       2,494,39         * salesforce.com Inc.       17,658,139       2,408,57
Microsoft Corp.       192,306,274       18,963,32         * Facebook Inc. Class A       60,036,157       11,666,22         * Alphabet Inc. Class A       7,418,191       8,376,54         * Alphabet Inc. Class C       7,480,401       8,345,50         Intel Corp.       116,644,540       5,798,40         Cisco Systems Inc.       117,715,681       5,065,30         NVIDIA Corp.       13,672,478       3,239,01         International Business Machines Corp.       22,969,493       3,288,83         Oracle Corp.       71,509,384       3,150,70         * Adobe Systems Inc.       12,325,229       3,005,01         Texas Instruments Inc.       24,504,120       2,701,57         Broadcom Inc.       10,280,243       2,494,39         * salesforce.com Inc.       17,658,139       2,408,57
* Facebook Inc. Class A       60,036,157       11,666,22         * Alphabet Inc. Class A       7,418,191       8,376,54         * Alphabet Inc. Class C       7,480,401       8,345,50         Intel Corp.       116,644,540       5,798,40         Cisco Systems Inc.       117,715,681       5,065,30         NVIDIA Corp.       13,672,478       3,239,01         International Business Machines Corp.       22,969,493       3,208,83         Oracle Corp.       71,509,384       3,150,70         * Adobe Systems Inc.       12,325,229       3,005,01         Texas Instruments Inc.       24,504,120       2,701,57         Broadcom Inc.       10,280,243       2,494,39         * salesforce.com Inc.       17,658,139       2,408,57
* Alphabet Inc. Class C       7,480,401       8,345,50         Intel Corp.       116,644,540       5,798,40         Cisco Systems Inc.       117,715,681       5,065,30         NVIDIA Corp.       13,672,478       3,239,01         International Business Machines Corp.       22,969,493       3,208,83         Oracle Corp.       71,509,384       3,150,70         * Adobe Systems Inc.       12,325,229       3,005,01         Texas Instruments Inc.       24,504,120       2,701,57         Broadcom Inc.       10,280,243       2,494,39         * salesforce.com Inc.       17,658,139       2,408,57
Intel Corp.       116,644,540       5,798,40         Cisco Systems Inc.       117,715,681       5,065,30         NVIDIA Corp.       13,672,478       3,239,01         International Business Machines Corp.       22,969,493       3,208,83         Oracle Corp.       71,509,384       3,150,70         * Adobe Systems Inc.       12,325,229       3,005,01         Texas Instruments Inc.       24,504,120       2,701,57         Broadcom Inc.       10,280,243       2,494,39         * salesforce.com Inc.       17,658,139       2,408,57
Cisco Systems Inc.       117,715,681       5,065,30         NVIDIA Corp.       13,672,478       3,239,01         International Business Machines Corp.       22,969,493       3,208,83         Oracle Corp.       71,509,384       3,150,70         * Adobe Systems Inc.       12,325,229       3,005,01         Texas Instruments Inc.       24,504,120       2,701,57         Broadcom Inc.       10,280,243       2,494,39         * salesforce.com Inc.       17,658,139       2,408,57
NVIDIA Corp.       13,672,478       3,239,01         International Business Machines Corp.       22,969,493       3,208,83         Oracle Corp.       71,509,384       3,150,70         * Adobe Systems Inc.       12,325,229       3,005,01         Texas Instruments Inc.       24,504,120       2,701,57         Broadcom Inc.       10,280,243       2,494,39         * salesforce.com Inc.       17,658,139       2,408,57
Oracle Corp.       71,509,384       3,150,70         * Adobe Systems Inc.       12,325,229       3,005,01         Texas Instruments Inc.       24,504,120       2,701,57         Broadcom Inc.       10,280,243       2,494,39         * salesforce.com Inc.       17,658,139       2,408,57
* Adobe Systems Inc.       12,325,229       3,005,01         Texas Instruments Inc.       24,504,120       2,701,57         Broadcom Inc.       10,280,243       2,494,39         * salesforce.com Inc.       17,658,139       2,408,57
Texas Instruments Inc.       24,504,120       2,701,57         Broadcom Inc.       10,280,243       2,494,39         * salesforce.com Inc.       17,658,139       2,408,57
Broadcom Inc. 10,280,243 2,494,39 salesforce.com Inc. 17,658,139 2,408,57
* salesforce.com Inc. 17,658,139 2,408,57
QUALCOMM Inc. 37,104,248 2,082,29
* Micron Technology Inc. 29,023,854 1,522,01 Intuit Inc. 29,023,854 1,245,78
Intuit Inc. 6,097,662 1,245,78 Applied Materials Inc. 26,286,015 1,214,15
Cognizant Technology Solutions Corp. Class A 14,657,413 1,157,78
HP Inc. 40,971,311 929,63
Analog Devices Inc. 9,247,578 887,02
* ServiceNow Inc. 4,419,000 762,14 * Twitter Inc. 16,953,521 740,36
* Autodesk Inc. 5,481,712 718,59
Lam Research Corp. 4,101,869 709,00
* Red Hat Inc. 4,443,419 597,06
DXC Technology Co. 7,141,436 575,67
Corning Inc.         20,792,757         572,00           Hewlett Packard Enterprise Co.         38,178,768         557,79
Western Digital Corp. 7,108,526 550,27
Microchip Technology Inc. 5,875,124 534,34
NetApp Inc. 6,696,957 525,91
Motorola Solutions Inc.       4,054,368       471,80         * Cerner Corp.       7,889,203       471,69
* Palo Alto Networks Inc. 2,182,963 448,53
* Workday Inc. Class A 3,653,782 442,54
Skyworks Solutions Inc. 4,556,799 440,41
Harris Corp. 2,967,397 428,90 * Square Inc. 6,886,269 424,47
* Dell Technologies Inc. Class V 4,989,526 422,01

Maxim Integrated Products Inc.				Market
Xilins   Inc.				Value
Maxim Integrated Products Inc.   6,996,340   410,347   VIL-17				
KLA Tencer Corp.   3,903,662   400,242   ANSVS Inc.   276,163,963   376,564   378,56				
VerSign Inc.				
A NSYS Inc.         2,097,292         365,306           Seplark Technology pic         6,457,735         304,608           S Splark Inc.         3,0828,295         319,599           Citrix Systems Inc.         3,005,779         336,004           Arista Retworks Inc.         1,320,415         335,339           Symonice Corp.         15,529,160         300,007           CDV Corp.         300,007         300,005           Cadance Design Systems Inc.         7,707,050         300,005           Cadance Design Systems Inc.         7,707,050         306,526           IACAInterActwoCorp         1,944,885         296,571           Aramai Technologies Inc.         1,959,633         296,534           Gartrier Inc.         2,159,603         296,335           V Moware Inc.         2,895,675         271,7369           Y Vidware Inc.         2,895,675         271,890           Y Vidware Inc.         3,500,607         2,895,675           SS&C Tochnologies Holdings Inc.         3,500,607         2,485,55           SS&C Tochnologies Holdings Inc.         3,500,607         2,485,55           SS&C Tochnologies Holdings Inc.         3,500,607         243,555           Juniper Networks Inc.         3,500,607         <	*	· ·		
Segate Technology pile         6,457,735         396,969           Advanced Micro Devices Inc.         3,028,285         396,969           Advanced Micro Devices Inc.         20,041,42         3,44,832           Cirtis, Systems Inc.         3,056,779         386,094           Arista Networks Inc.         1,520,169         300,097           Sympasys Inc.         3,693,800         310,002           CDV Corp.         3,693,800         310,002           CDV Corp.         3,006,605         300,003           CDV Corp.         3,006,605         300,003           CDV Corp.         4,003,003         300,003           Advantacy Corp.         4,003,003         300,003           Advantacy Corp.         4,003,003         300,003           Garther Inc.         4,003,003         206,054           CA Inc.         7,772,618         207,069           PTC Inc.         2,895,625         271,639           VMware Inc. Class A         1,814,164         270,659           Fi Sh Networks Inc.         1,538,597         265,331           Orova Inc.         3,169,302         224,009           Very Corp.         1,538,597         265,231           On Sherinologies Holdings Inc.         1,5	*			
Advanced Micro Devices Inc.         22,004,142         344,832           Citris Systems Inc.         3,20,5779         336,034           Arista Natworks Inc.         15,302,415         335,339           Sympanys Inc.         3,699,860         316,584           CDW Corp.         3,813,032         306,085           CDW Corp.         1,944,565         306,295           IAC/ImrArchiveCorp         1,944,565         306,295           IAC/ImrArchiveCorp         1,944,565         306,275           IAC/ImrArchiveCorp         1,944,565         306,675           IAC/ImrArchiveCorp         1,944,565         306,675           IAC/ImrArchiveCorp         1,944,565         306,677           Adams Technologies Inc.         2,159,083         298,983           IAC/ImrArchiveCorp         1,948,983         298,987           PTC Inc.         2,159,083         298,986           YEV Inc.         2,855,625         271,839           PTC Inc.         2,855,625         271,839           YeV Williams Inc.         1,538,697         265,331           Ook Oline.         3,169,382         244,089           SS&C Exchologies Holdings Inc.         1,528,695         25,450           Ook Oline.				
Cirix Systems Inc.         3,205,779         336,094           Arista Nevrovics Inc.         1,529,168         20,677           Synopsy Inc.         3,689,360         316,554           CDW Corp.         3,813,003         309,056           Cadence Design Systems Inc.         7,00,660         306,226           IA/Criteri-ActiveCorp         1,944,855         296,571           Akamal Tichnologies Inc.         2,189,053         286,334           Gartier Inc.         2,189,053         286,332           CA Inc.         2,189,053         286,338           PT Cinc.         2,885,029         271,089           PT Cinc.         2,885,029         271,089           PT SH Merokris Inc.         2,885,029         271,089           SSAC Technologies Holdings Inc.         5,685,566         262,541           Gobardiy Inc. Class A         1,548,567         248,555           Gobardiy Inc. Class A         1,548,567         248,555           Juliper Nevorks Inc.         5,685,566         262,541           Gobardiy Inc. Class A         3,152,060         248,555           Juliper Nevorks Inc.         8,771,218         240,557           Onvo Inc.         8,771,218         240,557           ON	*			
Arista Networks Inc.         1,302,415         355,369           Symnetse Corp.         1,528,169         320,677           Synopsys Inc.         3,693,460         316,554           CDW Corp.         3,813,032         306,055           Cadence Design Systems Inc.         7,070,566         306,256           IAC/InterActiveCorp         1,944,856         296,671           Akamail Technologies Inc.         2,199,003         296,834           CA Inc.         7,772,181         277,090           PTC Inc.         2,772,181         277,090           PTC Inc.         2,772,181         277,090           PTC Inc.         2,985,625         271,639           ViMware Inc. Class A         1,841,164         270,596           FS Networks Inc.         5,088,896         262,411           Golbadly Inc. Class A         1,841,164         270,596           Golbadly Inc. Class A         3,820,000         2,848,686           G	*,^			
Symentec Corp.         15,529,168         320,677           Synopsys Inc.         3,689,360         316,554           CDW Corp.         3,813,032         308,055           Cadence Design Systems Inc.         7,005,660         306,226           IAC/InterActiveCorp         1,944,855         296,571           Akamai Technologies Inc.         2,159,053         286,334           Gartner Inc.         2,159,053         286,334           CA Inc.         2,159,053         286,328           CA Inc.         2,159,052         271,053           VM-war Inc. Class A         1,841,184         277,090           Inc.         2,856,025         271,215           SS&C Tochnologies Holdings Inc.         2,856,025         271,215           Goobady Inc. Class A         3,520,607         248,555           Juniper Networks Inc.         8,771,18         240,507           ON Semiconductor Corp.         10,664,362         236,000           Veeva Systems Inc. Class A         3,014,227         231,681           Mavel Technology Group Ltd.         10,623,624         227,771           Fortitet Inc.         3,686,809         224,549           Leids Holdings Inc.         3,783,3933         223,252	*			
Synopsys Inc.         3,689,368         316,556           CDW Corp.         3,813,032         308,086           Cadence Design Systems Inc.         1,944,855         296,571           Akarmal Technologies Inc.         2,194,855         296,571           Akarmal Technologies Inc.         2,199,083         296,838           CA Inc.         7,772,518         277,090           PTC Inc.         2,895,625         271,639           VMware Inc. Class A         1,841,164         270,596           FS Networks Inc.         5,088,596         252,718,39           SS&C Technologies Holdings Inc.         5,088,596         252,741           Gonzor Inc.         3,183,827         294,085           Goladry Inc. Class A         3,520,657         248,555           Juniper Networks Inc.         3,771,218         224,085           Juniper Networks Inc.         8,771,218         22,080           ON Semiconductor Corp.         10,684,362         22,771           Verew Systems Inc. Class A         3,020,605         22,771 <td>*</td> <td></td> <td></td> <td></td>	*			
CDW Corp.   3,813,932   308,055   Cadence Design Systems Inc.   3,06,256   Cadence Design Systems Inc.   3,06,256   206,571   344,8855   226,571   344,8855   226,573   346,8865   326,573   346,8865   326,573   326,583   346,0865   327,090   327,772,518   327,090   327,772,518   327,090   327,772,518   327,090   327,090   327,090   328,095,025   321,639   328,095   321,639   328,095   321,639   328,095   321,639   328,095   321,639   328,095   321,639   322,255   322,255	*	,		
cadence Design Systems Inc.         7,070,580         306,226           LAC/IntractAriosCorp         1,444,855         296,651           CA Inc.         1,580,953         286,938           CA Inc.         7,772,518         277,090           PTC Inc.         2,2896,225         271,639           Wilder Inc. Class A         1,841,164         270,596           FE Distroycks Inc.         5,085,996         262,541           Ooro Inc.         3,169,382         254,089           Gobaddy Inc. Class A         3,520,607         248,555           Juniper Networks Inc.         3,520,607         248,555           Juniper Networks Inc.         3,620,807         248,555           Ooro Inc.         3,620,807         248,555           Juniper Networks Inc.         10,654,362         236,900           Veevas Systems Inc. Class A         3,014,327         231,881           Anvell Technology Group Ltd.         10,623,624         227,771           Fortinet Inc.         3,089,809         224,549           Leidos Holdings Inc.         3,783,933         223,252           CDK Global Inc.         3,783,933         223,252           CDK Global Inc.         3,809,809         127,654           Li				
Mac/InterActiveCorp	*			
Gartner Inc.         2,159,063         286,938           CA Inc.         2,159,063         27,70,90           PTC Inc.         2,855,625         271,639           VMware Inc. Class A         1,841,164         270,596           F F Networks Inc.         5,088,596         262,531           SS&C Technologies Incleased Holdings Inc.         3,690,360         248,585           Goody Inc.         3,120,607         248,585           Jumiper Networks Inc.         8,771,218         240,609           ON Semiconductor Corp.         10,684,362         236,909           Veseva Systems Inc. Class A         3,014,327         231,881           Marvell Technology Group Ltd.         3,590,609         224,549           Edicates Indidings Inc.         3,590,809         224,549           CDK Global Inc.         3,493,304         217,872           Tyler Technologies Inc.         3,493,304         217,872           Ultimate Software Group Inc.         777,683         187,243           Guidewire Software Inc.         4,802,576         182,843           Guidewire Software Inc.         1,996,103         177,214           Garrial Ltd.         2,831,040         172,853           Shapin Inc.         1,998,604         166,1	*			
CA Inc.         7,775,518         277,090           PTC Inc.         2,895,655         271,080           MWare Inc. Class A         1,841,164         270,596           F5 Networks Inc.         1,538,597         265,331           SS&C Technologies Holdings Inc.         5,688,596         262,541           Ourou Inc.         3,189,382         254,089           GoBeddy Inc. Class A         3,502,607         248,555           Junipen Networks Inc.         8,771,217         248,555           Junipen Networks Inc.         3,502,607         228,590           ON Semiconductor Corp.         10,654,362         226,900           Vevox Systems Inc. Class A         3,014,327         231,881           Marvell Technology Group Ltd.         10,623,6624         227,771           Fortinet Inc.         3,586,809         224,549           Leidos Holdings Inc.         3,586,809         224,549           Leidos Holdings Inc.         3,586,809         224,549           Leidos Holdings Inc.         3,589,303         223,252           CDK Global Inc.         3,783,933         223,252           CDK Global Inc.         10,114,101         11,241           Tearly Frechnologies Inc.         10,114,101         11,241	*			
PTC Inc.         2.895.625         271.639           W Warre Inc. Class A         1.841.146         270.596           F IS Networks Inc.         1.588.697         262.31           Ox Orvo Inc.         3.180.382         265.231           Gold Gold Winc Class A         3.520.607         248.555           Jumiper Networks Inc.         8.71.218         240.507           ON Semiconductor Corp.         10.654.382         236.900           Veeva Systems Inc. Class A         3.014.327         231.881           MarveII Technology Group Ltd.         3.598.609         224.549           Endine Holdings Inc.         3.598.609         224.549           CDK Global Inc.         3.598.609         224.549           CDK Global Inc.         3.349.304         227.782           CDK Global Inc.         3.349.304         217.872           Ultimate Software Group Inc.         727.893         187.243           Terradyne Inc.         4,702.756         182.844           Guidewire Software Inc.         1,996.103         177.214           Guidewire Software Inc.         1,996.103         177.214           Guidewire Software Inc.         1,996.103         177.214           Guidewire Software Inc.         1,996.103	*			
Mware Inc. Class A         1,841,164         270,596           F5 Networks Inc.         1,538,597         265,331           SS&C Technologies Holdings Inc.         3,08,986         262,541           Ooro Inc.         3,169,382         254,089           GOPaddy Inc. Class A         3,712,18         240,507           Junipar Networks Inc.         8,771,218         240,507           ON Semiconductor Corp.         10,684,362         236,900           Veeva Systems Inc. Class A         3014,427         221,818           Marwell Technology Group Ltd.         10,623,624         227,771           For tinet Inc.         3,789,893         224,549           Leidos Holdings Inc.         3,789,893         224,549           Leidos Holdings Inc.         3,789,893         223,826           CDK Global Inc.         310,191         202,153           Ultimate Software Group Inc.         1910,191         202,153           Ultimate Software Group Inc.         190,191         202,153           Guidewire Software Inc.         2,831,000         177,269           Gamin Ltd.         2,831,000         177,269           Aspan Technology Inc.         1,996,103         177,276           Aspan Technology Inc.         1,264,453				
F F Networks Inc.         1,538,597         265,341           O Corvo Inc.         3,169,382         254,089           G GODady Inc. Class A         3,520,607         248,555           Juniper Networks Inc.         8,771,218         240,507           ON Semiconductor Corp.         10,664,362         236,900           Veeva Systems Inc. Class A         3,014,227         231,881           Marvell Technology Group Ltd.         10,623,664         227,777           For Intell Inc.         3,596,809         224,549           Leidos Holdings Inc.         3,493,904         217,872           Tyler Technologies Inc.         3,493,904         217,872           Tyler Technologies Inc.         727,693         187,243           Teradyns Inc.         727,693         187,243           Teradyns Inc.         1,996,103         177,214           Guidweire Software Inc.         2,831,040         172,293           Guidweire Software Inc.         1,996,103         177,214           Guidweire Software Inc.         1,996,103         177,214           Guidweire Software Inc.         1,996,903         166,465           Tableau Software Inc.         1,996,903         166,465           Tableau Software Inc.         1,289,273	* *			
SS&C Technologies Holdings Inc.         5,085,096         262,541           Oorvo Inc.         3189,382         254,089           GoDaddy Inc. Class A         3,520,607         248,555           Juniper Networks Inc.         10,684,362         236,980           ON Semiconductor Corp.         10,684,362         238,980           Veeva Systems Inc. Class A         3,0114,327         231,681           Marwell Technology Group Ltd.         10,623,624         227,771           Fortinet Inc.         3,596,809         224,549           Leidos Holdings Inc.         3,783,933         223,525           CDK Global Inc.         31,943,04         217,872           Tyler Technologies Inc.         910,191         202,153           Ultimate Software Group Inc.         727,693         187,243           Teradyna Inc.         4,802,576         182,834           Guidewire Software Inc.         1,996,103         177,214           Garmin Ltd.         2,831,040         172,893           Snap Inc.         1,996,103         177,214           Garmin Ltd.         2,831,040         172,893           Snap Inc.         1,996,003         177,214           Appear Technology Inc.         1,996,003         177,214 <td>*</td> <td></td> <td></td> <td></td>	*			
Corvo Inc.         3,169,382         254,089           GoDaddy Inc. Class A         3,520,607         248,555           Juniper Networks Inc.         8,771,218         240,507           ON Semiconductor Corp.         10,654,362         236,900           Veava Systems Inc. Class A         3,014,327         231,881           Marvell Technology Group Ltd.         10,623,624         227,771           Fortinet Inc.         3,580,809         224,549           Leidos Holdings Inc.         3,783,933         223,252           CDK Global Inc.         37,769,333         223,252           CDK Global Inc.         727,693         187,243           Tyler Technologies Inc.         772,693         187,243           Tyler Technologies Inc.         772,693         187,243           Teradyne Inc.         772,693         187,243           Guidewire Software Inc.         1,996,103         177,214           Garmin Ltd.         2,931,040         172,693           Snap Inc.         1,996,103         177,214           Aspen Technology Inc.         1,999,524         170,111           Aspen Technology Inc.         1,999,524         170,111           Aspen Technology Inc.         1,999,524         170,111				
GODaddy Inc. Class A       3,520,607       248,555         Juniper Networks Inc.       8,771,218       240,507         ON Semiconductor Corp.       10,654,362       236,900         Veeva Systems Inc. Class A       3,014,327       231,681         Marwell Technology Group Ltd.       10,623,624       227,771         Fortinet Inc.       3,596,809       224,649         Leidos Holdings Inc.       3,349,304       217,672         CDK Global Inc.       910,191       202,153         Ultimate Software Group Inc.       727,693       187,243         Teradyne Inc.       4,802,576       182,834         Guidewire Software Inc.       1,996,103       177,214         Garmin Ltd.       1,996,103       177,214         Garmin Ltd.       2,831,040       172,693         3 athenahealth Inc.       1,996,103       177,214         4 Aspen Technology Inc.       1,794,960       186,465         Tableau Software Inc. Class A       1,698,976       186,173         a thenahealth Inc.       1,014,100       161,384         EPAM Systems Inc.       2,857,771       147,375         Proof point Inc.       2,869,273       15,809         Commscope Holding Co. Inc.       4,783,703 <t< td=""><td>*</td><td></td><td></td><td></td></t<>	*			
ON Semiconductor Corp.       10,684,362       230,830         Vevas Systems Inc. Class A       3,014,327       231,881         Marvell Technology Group Ltd.       10,623,624       227,771         Fortinet Inc.       3,596,809       224,549         Leidos Holdings Inc.       3,586,809       224,549         CDK Global Inc.       3,349,304       217,872         Tyler Technologies Inc.       910,191       202,153         Ultimate Software Group Inc.       727,693       187,243         Teradyne Inc.       4,802,576       182,834         Guidewire Software Inc.       1,996,103       177,214         Garmin Ltd.       2,831,040       177,214         Garmin Ltd.       2,831,040       177,214         Aspen Technology Inc.       1,794,960       166,173         Tableau Software Inc. Class A       1,699,976       166,173         Tableau Software Inc. Class A       1,699,976       166,173         Tableau Software Inc. Class A       1,699,976       166,173         Tableau Software Inc.       1,264,453       14,545         Payorise Inc.       1,264,453       14,509         Proofpoint Inc.       1,264,453       145,904         Cavium Inc.       1,264,453       <	*		· · ·	
Yeeva Systems Inc. Class A       3,014,327       231,681         Marwell Technology Group Ltd.       10,623,624       227,771         Fortinet Inc.       3,596,809       224,549         Leidos Holdings Inc.       3,789,333       223,252         CDK Global Inc.       3,249,304       217,872         Tyler Technologies Inc.       910,191       202,153         Ultimate Software Group Inc.       4,802,576       182,834         Guidewire Software Inc.       4,802,576       182,834         Guidewire Software Inc.       2,831,040       172,913         Garmin Ltd.       2,831,040       172,993         Aspan Technology Inc.       1,794,980       166,465         Tableau Software Inc. Class A       1,599,976       166,173         athenahealth Inc.       1,269,273       157,809         Nutanix Inc.       1,269,273       157,809         Proofpoint Inc.       1,264,453       145,804         Cavium Inc.       1,264,453       145,804         CommScope Holding Co. Inc.       4,783,703       139,708         Fair Isaac Corp.       1,306,853       134,933         MKS Instruments Inc.       1,369,808       131,021         Monolithic Power Systems Inc.       943,098		Juniper Networks Inc.	8,771,218	240,507
Marvell Technology Group Ltd.       10,823,824       227,771         Fortinet Inc.       3,596,809       224,549         Leidos Holdings Inc.       3,783,933       223,252         CDK Global Inc.       33,493,004       217,872         Tyler Technologies Inc.       910,191       202,153         Ultimate Software Group Inc.       727,693       187,243         Guidewire Software Inc.       1,996,103       177,214         Garmin Ltd.       2,831,040       172,693         Sapa Inc.       12,995,524       170,111         Aspen Technology Inc.       12,995,524       170,111         Aspen Technology Inc.       1,999,976       166,173         Tableau Software Inc. Class A       1,999,976       166,173         athenahealth Inc.       1,014,100       161,384         EPAM Systems Inc.       1,269,273       157,809         Wutanix Inc.       2,857,771       147,375         Proofpoint Inc.       1,266,266       144,047         Cowim Inc.       4,783,703       139,708         Cavium Inc.       4,783,703       139,708         Fair Isaac Corp.       4,783,703       130,933         MS Instruments Inc.       1,264,933       143,933	*			
Fortinet Inc.         3,596,809         224,549           Leidos Holdings Inc.         3,783,933         223,252           CDK Global inc.         3,349,304         217,872           Tyler Technologies Inc.         910,191         202,153           Ultimate Software Group Inc.         727,693         187,243           Teradyns Inc.         4,802,576         182,834           Guidewire Software Inc.         1,996,103         177,214           Garmin Ltd.         2,831,040         172,693           Aspan Technology Inc.         12,995,524         170,111           Aspan Technology Inc.         11,794,960         166,465           Tableau Software Inc. Class A         1,699,976         166,173           athenaleath Inc.         1,264,453         145,804           EPAM Systems Inc.         1,264,453         145,804           Nutanix Inc.         2,2857,771         147,375           Proofpoint Inc.         1,264,453         145,804           Cawium Inc.         2,865,771         147,375           Zendesk Inc.         2,489,665         135,656           LogMella Inc.         2,489,665         135,656           LogMella Inc.         1,236,986         136,656           MKS I	*			
Leidos Holdings Inc. CDK Global Inc. 3,349,304 217,872 1 Tyler Technologies Inc. 910,191 202,153 Ultimate Software Group Inc. 777,693 187,243 Teradyne Inc. 8 4,802,576 812,834 Guidewire Software Inc. 9 1,996,103 177,214 Garmin Ltd. 2,831,040 172,693 1 Shap Inc. 3,831,040 172,693 1 Shap Inc. 3,831,040 172,693 1 Shap Inc. 4 Aspen Technology Inc. 1 1,995,524 170,111 Aspen Technology Inc. 1 1,698,976 166,173 1 athenahealth Inc. 1 1,014,100 161,384 EPAM Systems Inc. 1 1,014,100 161,384 EPAM Systems Inc. 1 1,269,273 157,809 Nutanix Inc. 2 857,771 147,375 Proofpoint Inc. 2 857,771 147,375 Cavium Inc. 1 1,668,286 144,047 Cavium Inc. 1 1,668,286 144,047 CommScope Holding Co. Inc. 1 1,668,286 144,047 CommScope Holding Co. Inc. 1 1,308,865 135,656 LogMeln Inc. LogMeln Inc. 1 1,308,865 135,666 LogMeln Inc. 1 1,308,865 135,666 LogMeln Inc. 1 1,308,865 135,666 LogMen Inc. 1 1,308,900 131,021 MKS Instruments Inc. 1 1,308,900 131,021 MKS Instruments Inc. 1 1,213,666 124,340 Monolithic Power Systems Inc. 943,908 130,21 Blackbaud Inc. Paycom Software Inc. 1 1,264,433 149,933 Cypress Semiconductor Corp. 1 1,316,865 124,340 Monolithic Power Systems Inc. 1 1,213,666 124,340 Paycom Software Inc. 1 1,264,433 149,933 R 1,213,665 124,340 R 1,213,665				
CDK Global Inc.         3,349,304         217,872           Tyler Technologies Inc.         910,191         202,153           Ultimate Software Group Inc.         727,693         187,243           Teradyne Inc.         4,802,576         182,834           Guidewire Software Inc.         1,996,103         177,214           Garmin Ltd.         2,831,040         172,693           Aspan Technology Inc.         1,794,960         166,465           Tableau Software Inc. Class A         1,699,976         166,173           at henahealth Inc.         1,014,100         161,384           EPAM Systems Inc.         1,269,273         157,809           Nutanix Inc.         1,264,453         145,804           Cavium Inc.         1,264,453         145,804           CommScope Holding Co. Inc.         4,783,703         139,708           Fair Isaac Corp.         713,178         137,872           Zendesk Inc.         2,489,565         136,665           LogMeln Inc.         1,366,863         134,933           Cypress Semiconductor Corp.         8,477,934         132,086           MKS Instruments Inc.         1,369,080         131,021           Monolithic Power Systems Inc.         943,098         126,064 <td>*</td> <td></td> <td></td> <td></td>	*			
Tyler Technologies Inc.         910,191         202,153           Ultimate Software Group Inc.         727,693         187,243           Guidewire Software Inc.         4,802,576         182,834           Guidewire Software Inc.         1,996,103         177,214           Garmin Ltd.         2,831,040         172,693           Snap Inc.         12,995,524         170,111           Aspen Technology Inc.         12,995,524         170,111           Aspen Technology Inc.         1,794,960         166,465           Tableau Software Inc. Class A         1,699,976         166,173           athenahealth Inc.         1,014,100         161,384           EPAM Systems Inc.         1,269,273         157,809           Nutanix Inc.         2,887,771         147,375           Proofpoint Inc.         1,264,453         145,804           Cavium Inc.         1,264,453         145,804           Cavium Inc.         4,783,703         139,708           Fair Isaac Corp.         713,178         137,872           Zendesk Inc.         2,489,565         135,656           LogMeln Inc.         3,4933         13,021           Wiscoper Semiconductor Corp.         8,477,934         132,086           M				
V Ultimate Software Group Inc.       727,693       187,243         Teradyne Inc.       4,802,576       182,834         Guidewire Software Inc.       1,996,103       177,214         Garmin Ltd.       2,831,040       172,693         Snap Inc.       12,995,524       170,111         Aspen Technology Inc.       1,794,960       166,465         Tableau Software Inc. Class A       1,699,976       166,173         athenahealth Inc.       1,014,100       161,384         EPAM Systems Inc.       1,269,273       157,809         Nutanix Inc.       1,269,273       157,809         Nutanix Inc.       1,264,453       145,804         Coprigorial Inc.       1,665,286       144,047         CommScope Holding Co. Inc.       1,665,286       144,047         CommScope Holding Co. Inc.       4,783,703       139,708         Fair Isaac Corp.       713,178       137,872         Zendesk Inc.       2,489,565       136,656         LogMeln Inc.       9,484,451       139,938         MKS Instruments Inc.       93,088       131,021         MKS Instruments Inc.       93,088       126,064         Blackbaud Inc.       1,254,938       124,026         Terada	*			
Teradyne Inc.         4,802,576         182,834           Guidewire Software Inc.         1,996,103         177,214           Garmin Ltd.         2,831,040         172,693           ★ Snap Inc.         12,995,524         170,111           ★ Aspen Technology Inc.         1,794,960         166,465           Tableau Software Inc. Class A         1,699,976         166,173           at thenahealth Inc.         1,014,100         161,384           E PAM Systems Inc.         1,269,273         157,809           Nutanix Inc.         2,857,771         147,375           Proofpoint Inc.         1,264,453         145,804           Cavium Inc.         1,264,453         145,804           Cowinm Scope Holding Co. Inc.         4,783,703         139,708           Fair Isaac Corp.         713,178         137,872           Zendesk Inc.         2,489,565         135,656           LogMeln Inc.         1,306,853         134,933           Cypress Semiconductor Corp.         8,477,934         132,086           MKS Instruments Inc.         1,369,080         131,021           Monolithic Power Systems Inc.         1,244,909         126,644           Paycom Software Inc.         1,254,938         124,026	*			
Garmin Ltd.       2,831,040       172,693         № Snap Inc.       12,995,524       170,111         Aspen Technology Inc.       12,995,524       170,111         Aspen Technology Inc.       1,794,960       166,485         Tableau Software Inc. Class A       1,699,976       166,173         athenahealth Inc.       1,014,100       161,384         EPAM Systems Inc.       1,269,273       157,809         Nutanix Inc.       2,857,771       147,375         Proofpoint Inc.       1,264,453       145,804         Cavium Inc.       1,264,453       145,804         Cavium Inc.       1,665,286       144,047         CommScope Holding Co. Inc.       4,783,703       139,708         Fair Isaac Corp.       713,178       137,872         Zendesk Inc.       1,306,853       134,933         Cypress Semiconductor Corp.       8,477,934       132,086         MKS Instruments Inc.       1,369,980       131,021         MKS Instruments Inc.       1,213,665       124,340         Paycom Software Inc.       1,254,938       124,026         Paredata Corp.       3,534,080       119,805         Medidata Solutions Inc.       1,264,433       124,026				
№       Snap Inc.       12,995,524       170,111         A Aspen Technology Inc.       1,794,960       166,465         Tableau Software Inc. Class A       1,699,976       166,173         athenahealth Inc.       1,014,100       181,384         E PAM Systems Inc.       1,269,273       157,809         Nutanix Inc.       2,857,771       147,375         Proofpoint Inc.       1,264,453       145,804         Cavium Inc.       1,665,286       144,047         CommScope Holding Co. Inc.       4,783,703       139,708         Fair Isaac Corp.       713,178       137,872         Zendesk Inc.       2,489,565       136,656         LogMeln Inc.       1,306,883       134,933         Cypress Semiconductor Corp.       8,477,934       132,086         MKS Instruments Inc.       1,369,080       131,021         MKS Instruments Inc.       943,098       126,064         Blackbaud Inc.       1,213,665       124,340         Paycom Software Inc.       3,022,299       121,345         Entegris Inc.       3,534,080       119,805         Medidata Solutions Inc.       1,592,107       112,005         Medidata Solutions Inc.       862,526       111,989	*			
- Aspen Technology Inc.       1,794,960       166,465         - Tableau Software Inc. Class A       1,699,976       166,173         a thenahealth Inc.       1,014,100       161,384         E PAM Systems Inc.       1,269,273       157,809         Nutanix Inc.       2,857,771       147,375         Proofpoint Inc.       1,264,453       145,804         Cavium Inc.       1,665,286       144,047         CommScope Holding Co. Inc.       4,783,703       139,708         Fair Isaac Corp.       713,178       137,872         Zendesk Inc.       2,489,565       135,656         LogMeln Inc.       1,306,853       134,933         Cypress Semiconductor Corp.       8,477,934       132,086         MKS Instruments Inc.       1,369,080       131,021         Monolithic Power Systems Inc.       943,098       126,064         Blackbaud Inc.       1,213,665       124,340         ** Paycom Software Inc.       3,534,080       119,805         ** Teradata Corp.       3,534,080       119,805         ** Medidata Solutions Inc.       1,402,222       112,963         ** RingCentral Inc. Class A       1,592,107       112,005         ** Ulm.       1,078,437       107,412				
Tableau Software Inc. Class A       1,699,976       166,173         athenshealth Inc.       1,014,100       161,384         EPAM Systems Inc.       1,269,273       157,809         Nutanix Inc.       2,857,771       147,375         Proofpoint Inc.       1,264,453       145,804         Cowim Inc.       1,665,286       144,047         CommScope Holding Co. Inc.       4,783,703       139,708         Fair Isaac Corp.       713,178       137,872         Zendesk Inc.       2,489,5655       135,656         LogMeln Inc.       1,306,853       134,933         Cypress Semiconductor Corp.       8,477,934       132,086         MKS Instruments Inc.       1,369,080       131,021         Monolithic Power Systems Inc.       943,098       126,064         Blackbaud Inc.       1,213,665       124,340         Paycom Software Inc.       1,254,938       124,026         Teradata Corp.       3,534,080       119,805         Medidata Solutions Inc.       1,402,222       112,963         RingCentral Inc. Class A       1,592,107       112,005         2U Inc.       1,340,221       111,989         HubSpot Inc.       862,526       108,161         ARRI	*,^			
** athenahealth Inc.       1,014,100       161,384         ** EPAM Systems Inc.       1,269,273       157,809         Nutanix Inc.       2,857,771       147,375         Proofpoint Inc.       1,264,453       145,804         Cavium Inc.       1,665,286       144,047         ***CommScope Holding Co. Inc.       4,783,703       139,708         **Fair Isaac Corp.       713,178       137,872         **Zendesk Inc.       2,489,565       135,656         LogMeln Inc.       1,306,853       134,933         Cypress Semiconductor Corp.       8,477,934       132,086         MKS Instruments Inc.       1,369,080       131,021         Monolithic Power Systems Inc.       943,098       126,064         Blackbaud Inc.       1,213,665       124,340         **Paycom Software Inc.       1,254,938       124,006         **Teradata Corp.       3,022,299       121,345         **Entegris Inc.       3,534,080       119,805         **Medidata Solutions Inc.       1,402,222       112,963         **RingCentral Inc. Class A       1,592,107       112,005         **2 U Inc.       1,340,221       111,989         **HubSpot Inc.       862,526       108,161	*			
EPAM Systems Inc.       1,269,273       157,809         Nutanix Inc.       2,857,771       147,375         Proofpoint Inc.       1,264,453       144,047         Cavium Inc.       1,665,286       144,047         CommScope Holding Co. Inc.       4,783,703       139,708         Fair Isaac Corp.       713,178       137,872         Zendesk Inc.       2,489,565       135,665         LogMeln Inc.       1,306,853       134,933         Cypress Semiconductor Corp.       8,477,934       132,086         MKS Instruments Inc.       1,369,080       131,021         Monolithic Power Systems Inc.       943,098       126,064         Blackbaud Inc.       1,213,665       124,340         *A Paycom Software Inc.       1,254,938       124,026         Teradata Corp.       3,534,080       119,805         Entegris Inc.       3,534,080       119,805         Medidata Solutions Inc.       1,402,222       112,963         RingCentral Inc. Class A       1,592,107       112,005         Blub Inc.       1,340,221       111,905         Lul Inc.       862,526       108,161         ARRIS International plc       4,421,163       108,075         Silicon Labo	*			
Nutanix Inc.       2,857,771       147,375         Proofpoint Inc.       1,264,453       145,804         Cavium Inc.       1,665,286       144,047         CommScope Holding Co. Inc.       4,783,703       139,708         Fair Isaac Corp.       713,178       137,872         Zendesk Inc.       2,489,565       135,656         LogMeln Inc.       1,306,853       134,933         Cypress Semiconductor Corp.       8,477,934       132,086         MKS Instruments Inc.       1,369,080       131,021         Monolithic Power Systems Inc.       943,098       126,064         Blackbaud Inc.       1,213,665       124,340         Paycom Software Inc.       1,254,938       124,026         Paycom Software Inc.       3,022,299       121,345         Entegris Inc.       3,534,080       119,805         Medidata Solutions Inc.       1,402,222       112,963         Medidata Solutions Inc.       1,340,221       111,989         HubSpot Inc.       862,526       108,161         ARRIS International plc       4,421,163       108,075         New Relic Inc.       1,078,437       107,412         New Relic Inc.       2,523,658       104,908	*		· · ·	
Cavium Inc.       1,665,286       144,047         CommScope Holding Co. Inc.       4,783,703       133,708         Fair Isaac Corp.       713,178       137,872         Zendesk Inc.       2,489,565       135,656         LogMeIn Inc.       1,306,853       134,933         Cypress Semiconductor Corp.       8,477,934       132,086         MKS Instruments Inc.       1,369,080       131,021         Monolithic Power Systems Inc.       943,098       126,064         Blackbaud Inc.       1,213,665       124,340         ** Paycom Software Inc.       1,254,938       124,026         ** Teradata Corp.       3,022,299       121,345         Entegris Inc.       3,534,080       119,805         ** Medidata Solutions Inc.       1,402,222       112,963         ** RingCentral Inc. Class A       1,592,107       112,005         ** Blicon Laboratories Inc.       862,526       108,161         ** ARRIS International plc       4,421,163       108,075         ** New Relic Inc.       1,078,437       107,412         ** New Relic Inc.       2,523,658       104,908	*	•		
***       CommScope Holding Co. Inc.       4,783,703       139,708         ***       Fair Isaac Corp.       713,178       137,872         ***       Zendesk Inc.       2,489,565       135,656         LogMeIn Inc.       1,306,883       134,933         Cypress Semiconductor Corp.       8,477,934       132,086         MKS Instruments Inc.       1,369,080       131,021         Monolithic Power Systems Inc.       943,098       126,064         Blackbaud Inc.       1,213,665       124,340         *** Paycom Software Inc.       1,254,938       124,026         *** Teradata Corp.       3,022,299       121,345         Entegris Inc.       3,534,080       119,805         *** Medidata Solutions Inc.       1,402,222       112,963         *** RingCentral Inc. Class A       1,592,107       112,005         *** 2U Inc.       1,340,221       111,989         *** HubSpot Inc.       862,526       108,161         *** ARRIS International plc       4,421,163       108,075         *** Silicon Laboratories Inc.       1,078,437       107,412         *** New Relic Inc.       2,523,658       104,908	*	Proofpoint Inc.		
Fair Isaac Corp.       713,178       137,872         Zendesk Inc.       2,489,565       135,656         LogMeIn Inc.       1,306,853       134,933         Cypress Semiconductor Corp.       8,477,934       132,086         MKS Instruments Inc.       1,369,080       131,021         Monolithic Power Systems Inc.       943,098       126,064         Blackbaud Inc.       1,213,665       124,340         ** Paycom Software Inc.       1,254,938       124,026         * Teradata Corp.       3,022,299       121,345         Entegris Inc.       3,534,080       119,805         * Medidata Solutions Inc.       1,402,222       112,963         * RingCentral Inc. Class A       1,592,107       112,005         * Unc.       1,340,221       111,989         * HubSpot Inc.       862,526       108,161         * ARRIS International plc       4,421,163       108,075         * Silicon Laboratories Inc.       1,078,437       107,412         * New Relic Inc.       1,055,712       106,194         * Oree Inc.       2,523,658       104,908	*			
Zendesk Inc.       2,489,565       135,656         LogMeIn Inc.       1,306,853       134,933         Cypress Semiconductor Corp.       8,477,934       132,086         MKS Instruments Inc.       1,369,080       131,021         Monolithic Power Systems Inc.       943,098       126,064         Blackbaud Inc.       1,213,665       124,340         * Paycom Software Inc.       1,254,938       124,026         * Teradata Corp.       3,022,299       121,345         Entegris Inc.       3,534,080       119,805         * Medidata Solutions Inc.       1,402,222       112,963         * RingCentral Inc. Class A       1,592,107       112,005         * Ulnc.       1,340,221       111,989         * HubSpot Inc.       862,526       108,161         * ARRIS International plc       4,421,163       108,075         * Silicon Laboratories Inc.       1,078,437       107,412         * New Relic Inc.       1,055,712       106,194         * Cree Inc.       2,523,658       104,908	*			
LogMeIn Inc.       1,306,853       134,933         Cypress Semiconductor Corp.       8,477,934       132,086         MKS Instruments Inc.       1,369,080       131,021         Monolithic Power Systems Inc.       943,098       126,064         Blackbaud Inc.       1,213,665       124,340         ** Paycom Software Inc.       1,254,938       124,026         * Teradata Corp.       3,022,299       121,345         Entegris Inc.       3,534,080       119,805         * Medidata Solutions Inc.       1,402,222       112,963         * RingCentral Inc. Class A       1,592,107       112,005         * Ulnc.       1,340,221       111,989         * HubSpot Inc.       862,526       108,161         * ARRIS International plc       4,421,163       108,075         * Silicon Laboratories Inc.       1,07,412       106,194         * New Relic Inc.       1,055,712       106,194         * Cree Inc.       2,523,658       104,908	*	·	,	
Cypress Semiconductor Corp.       8,477,934       132,086         MKS Instruments Inc.       1,369,080       131,021         Monolithic Power Systems Inc.       943,098       126,064         Blackbaud Inc.       1,213,665       124,340         ** Paycom Software Inc.       1,254,938       124,026         * Teradata Corp.       3,022,299       121,345         Entegris Inc.       3,534,080       119,805         * Medidata Solutions Inc.       1,402,222       112,963         * RingCentral Inc. Class A       1,592,107       112,005         * 2U Inc.       1,340,221       111,989         * HubSpot Inc.       862,526       108,161         * ARRIS International plc       4,421,163       108,075         * Silicon Laboratories Inc.       1,078,437       107,412         New Relic Inc.       1,075,712       106,194         * Cree Inc.       2,523,658       104,908				
MKS Instruments Inc.       1,369,080       131,021         Monolithic Power Systems Inc.       943,098       126,064         Blackbaud Inc.       1,213,665       124,340         Paycom Software Inc.       1,254,938       124,026         Teradata Corp.       3,022,299       121,345         Entegris Inc.       3,534,080       119,805         Medidata Solutions Inc.       1,402,222       112,063         RingCentral Inc. Class A       1,592,107       112,005         2U Inc.       1,340,221       111,989         HubSpot Inc.       862,526       108,161         ARRIS International plc       4,421,163       108,075         Silicon Laboratories Inc.       1,078,437       107,412         New Relic Inc.       1,055,712       106,194         Cree Inc.       2,523,658       104,908				
Monolithic Power Systems Inc.943,098126,064Blackbaud Inc.1,213,665124,340** Paycom Software Inc.1,254,938124,026* Teradata Corp.3,022,299121,345Entegris Inc.3,534,080119,805* Medidata Solutions Inc.1,402,222112,963* RingCentral Inc. Class A1,592,107112,005* 2U Inc.1,340,221111,989* HubSpot Inc.862,526108,161* ARRIS International plc4,421,163108,075* Silicon Laboratories Inc.1,078,437107,412* New Relic Inc.1,055,712106,194* Cree Inc.2,523,658104,908				
Paycom Software Inc.       1,254,938       124,026         Teradata Corp.       3,022,299       121,345         Entegris Inc.       3,534,080       119,805         Medidata Solutions Inc.       1,402,222       112,963         RingCentral Inc. Class A       1,592,107       112,005         Ulnc.       1,340,221       111,989         HubSpot Inc.       862,526       108,161         ARRIS International plc       4,421,163       108,075         Silicon Laboratories Inc.       1,078,437       107,412         New Relic Inc.       1,055,712       106,194         Cree Inc.       2,523,658       104,908		Monolithic Power Systems Inc.		
Teradata Corp.       3,022,299       121,345         Entegris Inc.       3,534,080       119,805         Medidata Solutions Inc.       1,402,222       112,963         RingCentral Inc. Class A       1,592,107       112,005         2U Inc.       1,340,221       111,989         HubSpot Inc.       862,526       108,161         ARRIS International plc       4,421,163       108,075         Silicon Laboratories Inc.       1,078,437       107,412         New Relic Inc.       1,055,712       106,194         Cree Inc.       2,523,658       104,908		Blackbaud Inc.	1,213,665	
Entegris Inc.       3,534,080       119,805         Medidata Solutions Inc.       1,402,222       112,963         RingCentral Inc. Class A       1,592,107       112,005         U Inc.       1,340,221       111,989         HubSpot Inc.       862,526       108,161         ARRIS International plc       4,421,163       108,075         Silicon Laboratories Inc.       1,078,437       107,412         New Relic Inc.       1,055,712       106,194         Cree Inc.       2,523,658       104,908	*,^			
Medidata Solutions Inc.       1,402,222       112,963         RingCentral Inc. Class A       1,592,107       112,005         U Inc.       1,340,221       111,989         HubSpot Inc.       862,526       108,161         ARRIS International plc       4,421,163       108,075         Silicon Laboratories Inc.       1,078,437       107,412         New Relic Inc.       1,055,712       106,194         Cree Inc.       2,523,658       104,908	*			
* RingCentral Inc. Class A       1,592,107       112,005         * 2U Inc.       1,340,221       111,989         * HubSpot Inc.       862,526       108,161         * ARRIS International plc       4,421,163       108,075         * Silicon Laboratories Inc.       1,078,437       107,412         * New Relic Inc.       1,055,712       106,194         * Cree Inc.       2,523,658       104,908	*			
2U Inc.       1,340,221       111,989         HubSpot Inc.       862,526       108,161         ARRIS International plc       4,421,163       108,075         Silicon Laboratories Inc.       1,078,437       107,412         New Relic Inc.       1,055,712       106,194         Cree Inc.       2,523,658       104,908	*			,
* HubSpot Inc.       862,526       108,161         * ARRIS International plc       4,421,163       108,075         * Silicon Laboratories Inc.       1,078,437       107,412         * New Relic Inc.       1,055,712       106,194         * Cree Inc.       2,523,658       104,908	*			
* ARRIS International plc       4,421,163       108,075         * Silicon Laboratories Inc.       1,078,437       107,412         * New Relic Inc.       1,055,712       106,194         * Cree Inc.       2,523,658       104,908	*			
* Silicon Laboratories Inc.       1,078,437       107,412         * New Relic Inc.       1,055,712       106,194         * Cree Inc.       2,523,658       104,908	*			
* Cree Inc. 2,523,658 104,908	*	Silicon Laboratories Inc.		107,412
	*			
* Ukta Inc. 2,076,709 104,604	*			
	*	OKTA INC.	2,0/6,/09	104,604

			Market Value
		Shares	(\$000)
*	Integrated Device Technology Inc.	3,262,635	104,013
*	CACI International Inc. Class A	614,933	103,647
*	Nuance Communications Inc.	7,352,312	102,087
	RealPage Inc. i2 Global Inc.	1,834,934 1,157,614	101,105 100,261
*	Twilio Inc. Class A	1,157,614	95,643
*	Ciena Corp.	3,576,717	94,819
*	Pure Storage Inc. Class A	3,886,626	92,813
*,^	ViaSat Inc.	1,404,972	92,335
*	NCR Corp.	2,987,119	89,554
*,^	Lumentum Holdings Inc.	1,490,337	86,291
	Science Applications International Corp.	1,055,502	85,422
*	Ellie Mae Inc.	812,926	84,414
*	Manhattan Associates Inc.	1,699,997	79,917
*	Coupa Software Inc.	1,277,806	79,531
*	Tech Data Corp.	955,029	78,427
*	Semtech Corp.	1,666,221	78,396
*	Box Inc.	3,059,079	76,446
	SYNNEX Corp. Perspecta Inc.	751,924 3.501.033	72,568 71,946
*	Verint Systems Inc.	1,607,396	71,946
*	ACI Worldwide Inc.	2,874,667	70,918
*	Dycom Industries Inc.	743,025	70,223
	InterDigital Inc.	867,766	70,202
*	Qualys Inc.	831,058	70,058
*	FireEye Inc.	4,547,449	69,985
	Cabot Microelectronics Corp.	642,642	69,123
*	CommVault Systems Inc.	1,018,385	67,061
*	VeriFone Systems Inc.	2,769,755	63,206
	Plantronics Inc.	825,856	62,972
*	Cornerstone OnDemand Inc.	1,316,096	62,422
*	Cirrus Logic Inc.	1,578,354	60,498
*	Envestnet Inc.	1,088,269	59,800
	Viavi Solutions Inc. NetScout Systems Inc.	5,751,688 1,951,734	58,897 57,967
*	Advanced Energy Industries Inc.	995,000	57,800
	Cogent Communications Holdings Inc.	1,039,820	55,526
*,^	Avaya Holdings Corp.	2,761,496	55,451
	Brooks Automation Inc.	1,684,502	54,948
*	Allscripts Healthcare Solutions Inc.	4,501,243	54,015
	Pegasystems Inc.	979,901	53,699
*,^	Finisar Corp.	2,869,484	51,651
	Power Integrations Inc.	706,052	51,577
*	Varonis Systems Inc.	690,663	51,454
*	Q2 Holdings Inc.	901,202	51,414
*	Premier Inc. Class A	1,398,611	50,881
*,^	Bottomline Technologies de Inc.	983,774 1,257,003	49,021
*	Match Group Inc. Five9 Inc.	1,257,003	48,696 47,651
*	NETGEAR Inc.	746,750	46,672
	Progress Software Corp.	1,146,004	44,488
*	Dropbox Inc. Class A	1,365,867	44,281
*	Mercury Systems Inc.	1,161,951	44,224
*	Insight Enterprises Inc.	900,013	44,038
*	Synaptics Inc.	863,366	43,488
*	Blackline Inc.	996,165	43,263
	Ebix Inc.	545,257	41,576
*	Blucora Inc.	1,112,571	41,165
	Pitney Bowes Inc.	4,775,258	40,924
*	EchoStar Corp. Class A	917,061	40,718
*,^	Ubiquiti Networks Inc.	467,183	39,580
*	TiVo Corp.	2,914,481	39,200
	Cloudera Inc.	2,789,306	38,046
*,^	3D Systems Corp.	2,722,103	37,592

Infinera Corp.   Shares   Q0000				Market
Electronics For Imaging Inc.			Shares	
• Octoo Inc.         3,962,945         5,568           CSG Systems International Inc.         2,708,411         33,363           Apprio Inc. Class A         33,5155         3,3863           Apprio Inc. Class A         33,1018         33,700           Implication         977,844         33,700           Implication         98,2379         32,003           Implication         98,2379         32,003           Implication         98,200         32,003           Implication         426,094         31,309           All Transmission         426,094         31,309           All Transmission         426,094         31,309           All Transmission         426,094         31,309           All Transmission         788,870         31,047           ePlus Inc.         326,670         30,928           volusion Free Inc.         880,188         30,719           MoroStrategy Inc. Class A         30,800         30,928           Everbridge Inc.         600,995         32,828           Everbridge Inc.         600,995         32,828           Everbridge Inc.         600,995         32,828           Horous Software Inc. Class A         111,806         72,834 </td <td>*</td> <td>Infinera Corp.</td> <td>3,747,501</td> <td>37,213</td>	*	Infinera Corp.	3,747,501	37,213
CSG Systems International Inc.   S83,718   34,074   33,963   Appto Inc. Class A   935,185   33,963   39,001   30,001	*	6 6		
1. Rambus Inc.         2,708,411         33,861           Apption L. Class A         935,185         38,84           Diodos Inc.         977,844         32,069           Inphi Corp.         688,780         32,069           Inphi Corp.         882,379         32,035           Instructure Inc.         74,781         31,775           SPS Commerce Inc.         426,090         31,307           SPS Commerce Inc.         426,090         30,202           DonasSign Inc.         328,670         30,922           DonasSign Inc.         580,148         30,719           Web com Group Inc.         1,177,204         30,411           LivePerson Inc.         1,397,906         29,868           SaliPoint Technologies Holding Inc.         1,397,906         29,889           Everbridge Inc.         606,995         29,784           Hottonworks Inc.         1,500,180         27,333           Potest Software Inc. Class A         1,115,681         27,333           Potest Software Inc. Class A         1,115,681         27,333           Total Bass Health Care Inc.         405,142         25,800           Vax Inc.         1,303,899         25,944           Total Bass Health Care Inc.         <	*		· · ·	
- Appto Inc. Class A         935, 185         33,844           - Virtusa Corp.         658,780         32,069           - Intriusa Corp.         922,379         32,059           - Instructure Inc.         746,791         31,730           - Instructure Inc.         426,094         31,309           - SPS Commerce Inc.         426,094         31,309           - Plus Inc.         378,670         30,927           - Plus Inc.         378,761         30,931           - Plus Inc.         378,761         30,931           - Plus Inc.         378,761         30,931           - Live Person Inc.         1,397,906         29,496           - Sal Plont Tachonlogius Holding Inc.         1,393,906         29,496           - Evabridge Inc.         606,996         28,784           - Hortoworks Inc.         1,500,100         27,331           - Probal Software Inc. Class A         1,115,001         27,324			,	
1. Diodes Inc.         977,844         33,706           Virtusa Corp.         688,760         32,006           Inphi Corp.         982,379         32,035           Instructure Inc.         746,791         31,735           SPS Commerce Inc.         426,094         31,309           Alarm.com Holdings Inc.         788,870         31,047           Pilva Inc.         328,670         30,929           Pilva Inc.         328,670         30,929           Web. com Group Inc.         117,204         30,431           Web. com Group Inc.         1,397,096         29,466           SaliPoint Technologies Holding Inc.         1,926,669         29,784           Everbridge Inc.         606,995         29,784           Hottorworks Inc.         1,500,160         27,333           Phytotal Software Inc. Class A         31,150,0160         27,333           Phytotal Software Inc. Class A         837,163         2,686           Alteray No. Class A         1,150,0160         27,333           Phytotal Software Inc. Class A         1,150,0160         27,333           Altery No. Class A         1,150,0160         2,124           Altery No. Class A         1,150,0160         2,124           Class A	*			
1. Withsa Corp.         688,780         32,089           In Intructure Inc.         982,379         32,058           In Intructure Inc.         746,791         31,709           SPS Commercin.         426,094         31,309           SPS Commercin.         426,094         31,309           Plus Inc.         378,870         30,927           20 Docu Sign Inc.         589,148         30,719           Web com Group Inc.         1,772,04         30,131           Minor Stratesy, Inc. Class A         26,868         30,288           SaliPhori Technologies Holding Inc.         1,92,668         29,288           SaliPhori Technologies Holding Inc.         1,90,0160         27,384           Everbridge Inc.         606,996         28,784           Hortoworks Inc.         1,90,0160         27,384           Syntel Inc.         837,163         26,865           Syntel Inc.         837,163         26,865           Vest Inc.         837,163         26,865           Vest Inc.         1,93,357         25,869           Vest Inc.         1,93,357         25,879           Vest Inc.         1,93,357         24,000           Vest Inc.         1,93,357         24,000 <td></td> <td></td> <td></td> <td></td>				
In Inplit Corp.         992,379         32,035           Instructure Inc.         746,791         31,776           SPS Commerce Inc.         426,094         31,309           allem.com. Holdings Inc.         328,670         30,938           belius Inc.         328,670         30,938           beusign Inc.         328,670         30,938           Web.com Group Inc.         1,177,204         30,431           MicroStrategy Inc. Class A         228,687         30,286           LivePerson Inc.         1,192,688         29,786           Self-Out I Technologies Holding Inc.         1,192,688         29,786           Everbidge Inc.         608,988         29,786           Powal Schware Inc.         608,988         29,788           Systel Inc.         608,988         29,788           Visit Inc.         1,115,081         27,083           Systel Inc.         1,331,086         25,948           Valuality Systems Inc.         1,331,086         25,948           Valuality Systems Inc.         1,330,486         25,948           Valuality Systems Inc.         1,330,486         25,948           Valuality Systems Inc.         1,330,486         25,948           Valuality Systems Inc.	*			33,706
Instructure Inc.         746,791         31,706           Alarm.com Holdings Inc.         768,870         31,309           DocuSign Inc.         580,488         30,719           DocuSign Inc.         680,148         30,719           MicroStrategy Inc. Class A         1,177,204         30,431           MicroStrategy Inc. Class A         1,226,637         30,268           SallPoint Technologies Holding Inc.         1,192,669         29,496           Everbring Inc.         1,500,160         22,333           Hortonworks Inc.         1,500,160         27,333           Privated Software Inc. Class A         1,500,160         27,333           Private Software Inc. Class A         1,500,160         22,334           Altery Nac. Class A         1,500,160         22,328           Altery Nac. Class A         1,500,160         22,328           Altery Nac. Class A         1,501,600         22,524           Altery Nac. Class A         1,501,600         22,524           Altery Nac. Class A         1,501,600         22,525 <td>* ^</td> <td>·</td> <td>·</td> <td></td>	* ^	·	·	
SPS Commerce Inc.         446,094         31,309           a Alam com Holdings Inc.         68,870         30,288           a Plus Inc.         328,670         30,288           Dousigin Inc.         580,148         30,719           Webs com Group Inc.         1,177,204         30,431           MicroStrategy Inc. Class A         28,6837         30,286           Leve Ferson Inc.         1,397,906         29,496           Sal Fornt Technologies Holding Inc.         1,397,906         29,496           Everbridge Inc.         606,395         28,788           Horroworks Inc.         1,50,101         20,308           Symbol Software Inc. Class A         1,115,018         27,333           Proval Software Inc. Class A         1,115,018         27,333           Ouality Systems Inc.         1,303,436         26,448           Ouality Systems Inc.         1,330,436         26,448           Toyler Inc.         1,330,436         25,426           SeasaSource Inc.         624,916         25,880           Yext Inc.         1,330,359         25,426           SeasaSource Inc.         624,916         25,146           SeasaSource Inc.         624,916         25,146           Spaniof Inc. <td>*</td> <td>· ·</td> <td></td> <td></td>	*	· ·		
4. Alarm.com Holdings Inc.         768,870         31,047           6. Plus Inc.         580,168         30,928           7. DocuSign Inc.         150,148         30,719           8. MicroStrategy Inc. Class A         1,177,204         30,431           9. LuvePracon Inc.         1,39,868         32,8837         30,266           10. LuvePracon Inc.         1,39,868         29,486           10. LuvePracon Inc.         1,192,669         29,288           10. Very Inc.         60,695         28,784           10. Very Inc.         337,163         26,885           10. Very Inc.         337,163         26,885           10. Very Inc.         337,163         26,886           10. Very Inc.         337,163         26,886           10. Very Inc.         337,163         25,880           10. Very Inc.         337,163         25,880           10. Very Inc.         338,968         25,380           10. Very Inc.         1,230,869         25,880           10. Very Inc.         1,230,8	*		·	,
• Plus Inc.         328,670         30,928           • Docusign Inc.         580,148         30,719           • Web.com Group Inc.         1,177,204         30,431           • LivePerson Inc.         13,397,906         29,486           • SaliPoint Technologies Holding Inc.         606,995         29,288           • Everbridge Inc.         606,995         28,784           • Hortonworks Inc.         11,15,081         27,083           • Plus Inc.         837,163         26,885           • Altenya Inc. Class A         1,115,081         27,083           • Altenya Inc. Class A         684,699         26,128           • Ouality Systems Inc.         405,142         25,600           • Yext Inc.         405,142         25,600           • Yext Inc.         1,033,570         25,426           • SanSource Inc.         672,678         24,000           • PROS Holdings Inc.         672,678         24,000           • Rapid? Inc.         1,555,431         24,249           • FormFactor Inc.         1,556,431         24,249           • FormFactor Inc.         1,556,431         24,249           • FormFactor Inc.         1,556,431         24,249           • FormFactor Inc. <td< td=""><td>*</td><td></td><td></td><td></td></td<>	*			
'O DouSign Inc.         \$60,148         30,719           'Whe Lorm Group Inc.         30,435         30,256           LivePerson Inc.         1,392,669         29,268           SailPoint Technologies Holding Inc.         1,590,160         27,333           Hortonworks Inc.         1,500,160         27,333           Pivotal Software Inc. Class A         1,500,160         27,333           Nytel Inc.         837,163         26,665           Alteryx Inc. Class A         837,163         26,665           Alteryx Inc. Class A         1,330,436         25,944           Todality Systems Inc.         1,330,436         25,944           Todality Systems Inc.         1,330,869         25,739           Yext Inc.         1,330,869         25,739           Cry Inc.         1,330,869         25,739           Yext Inc.         1,330,869         25,739           SanSource Inc.         624,916         25,184           PROS Holdings Inc.         860,793         24,292           NIC Inc.         1,801,139         23,955           PROS Holdings Inc.         1,801,139         23,955           MongoDB Inc.         1,801,139         23,955           MongoDB Inc.         1,804,499	*			
MicroStrategy Inc. Class A         236,837         30,266           SailPoint Technologies Holding Inc.         1,397,966         29,268           Everbridge Inc.         606,995         28,784           Hotnomvorks Inc.         1,500,160         27,333           Pivotal Software Inc. Class A         1,115,081         27,633           Syntel Inc.         837,163         26,665           Altery Inc. Class A         684,689         26,128           Quality Systems Inc.         1330,436         25,944           Tobula Rasa HealthCare Inc.         405,142         25,600           Yext Inc.         1,033,570         25,466           ScanSource Inc.         624,916         25,194           PROS Holdings Inc.         672,678         24,600           Rapid? Inc.         15,5943         24,292           NIC Inc.         15,5943         24,292           NIC Inc.         15,5943         24,292           Morgo DB Inc.         400,498         23,496           Morgo DB Inc.         1,515,027         23,619           Mattair Engineering Inc. Class A         688,463         23,525           Boingo Wireless Inc.         1,27,117         23,036           Ceridian HCM Holding Inc.	*,^	DocuSign Inc.	580,148	
LiveParson Inc.         1,397,906         29,496           SaiPlont Technologies Holding Inc.         606,995         28,784           Hortonworks Inc.         1,500,160         27,334           Pivotal Software Inc. Class A         1,500,160         27,333           Syntal Inc.         837,163         26,665           Alteryx Inc. Class A         684,699         26,128           Quality Systems Inc.         1,330,469         25,380           Vext Inc.         1,330,469         25,580           Yext Inc.         1,330,469         25,580           Yext Inc.         1,033,570         25,426           SaanSource Inc.         672,678         24,600           SaanSource Inc.         672,678         24,600           Rapid? Inc.         820,733         24,200           NIC Inc.         1,559,431         24,249           Rapid? Inc.         800,793         24,249           No SaanSource Inc.         672,678         24,600           Rapid? Inc.         1,559,431         24,249           Rapid? Inc.         1,550,431         24,249           Rapid Inc.         1,500,449         23,847           Forriffactor Inc.         1,800,498         23,847	*	Web.com Group Inc.	1,177,204	30,431
SaliPoint Technologies Holding Inc.         1,192,669         28,784           Hottomworks Inc.         1,500,160         27,333           Pivotal Software Inc. Class A         1,115,000 160         27,333           Syntal Inc.         837,163         26,865           A Altapt, Inc. Class A         684,669         26,185           A Ling, Inc. Class A         1,300,436         25,944           Tabula Rasa HealthCare Inc.         1,300,436         25,944           Tabula Rasa HealthCare Inc.         1,330,436         25,944           Yext Inc.         1,330,436         25,944           Yext Inc.         1,330,869         26,739           Cray Inc.         1,320,476         25,842           Machician Inc.         1,300,869         23,847           Manager Inc.         1,801,133         21,	*		·	
Everbridge Inc.         606,995         28,784           Hortonworks Inc.         1,500,160         27,333           Pivotal Software Inc. Class A         1,115,081         27,683           Syrite Inc.         837,163         26,865           Alteryk Inc. Class A         684,699         26,128           Quality Systems Inc.         1,300,468         25,944           Tabula Rasa HealthCare Inc.         405,142         26,860           Yext Inc.         1,033,570         25,426           SoanSource Inc.         1,033,570         25,426           Report Inc.         672,678         24,600           Report Inc.         672,678         24,600           Report Inc.         1,559,431         24,249           PROS Holdings Inc.         1,559,431         24,249           PromFactor Inc.         1,559,431         24,249           Morgo DB Inc.         1,559,431         24,249           Morgo DB Inc.         1,559,431         24,249           Morgo DB Inc.         1,559,431         24,249           Altair Engineering Inc. Class A         688,463         23,525           Boingo Wireless Inc.         1,559,431         24,249           Ceridian HOM Holding Inc.         680,	*			
1- Hortomworks Inc.         1,500,160         27,333           Syntel Inc. Class A         1,115,081         27,063           Syntel Inc. Class A         684,699         26,128           Cuality Systems Inc.         1,330,436         25,944           Tabula Rasa HealthCare Inc.         405,142         25,880           Yext Inc.         1,330,869         25,739           Yext Inc.         1,330,869         25,730           ScanSource Inc.         624,916         25,146           PROS Holdings Inc.         624,916         25,146           PROS Holdings Inc.         860,793         24,280           NIC Inc.         1,801,133         29,855           Mix Inc.         1,801,133         29,855           Mix Inc.         1,801,133         29,856           Morrigation Inc.         1,801,133         29,856           Max Incering Inc. Class A         1,801,938         29,841           Max Incering Inc. Class A         1,802,117         23,003           Attair Engineering Inc. Class A         1,802,117         23,003           Diebold Nixodri Inc.         1,804,603         23,522           Super Micro Computer Inc.         1,804,603         22,521           Super Micro Computer	*			
Pivotal Software Inc. Class A         1,115,081         27,063           Syntel Inc.         837,163         26,885           Alteryx Inc. Class A         84,699         26,128           Valency Inc. Class A         1,330,436         25,944           Usulify Systems Inc.         1,330,869         25,938           Yext Inc.         1,330,869         25,738           Cray Inc.         1,033,870         25,426           ScanSource Inc.         672,878         24,600           Regid7 Inc.         860,793         24,292           PROS Holdings Inc.         672,878         24,600           Regid7 Inc.         1,559,431         24,249           NIC Inc.         1,509,931         24,292           NIC Inc.         1,509,931         24,292           PormFactor Inc.         1,801,139         23,952           MongoDB Inc.         480,498         23,847           Maxilinear Inc.         1,801,139         23,952           Morgid Mireless Inc.         1,801,139         23,952           Boingo Wireless Inc.         1,802,711         23,003           Cerdian HCM Holding Inc.         80,867         22,592           Super Mirec Computer Inc.         1,804,662	*			
Syntel Inc.         Syntel Inc.         28.88 (abg.99 c. 26.128         26.128         Altery, Inc. Class A         68.469.99 c. 26.128         26.128         26.128         20.20 (allity Systems Inc.         1.330.436         25.944         25.860         25.860         25.860         25.860         25.860         25.860         26.738         25.860         26.738         27.258         27.258         27.258         27.258         27.258         27.258         27.258         27.258         27.258         27.258         27.258         27.258         27.258         27.258         27.258         27.258         27.258         27	*		· · · · · · · · · · · · · · · · · · ·	
Alteryx Inc. Class A         684 699         26,128           Quality Systems Inc.         1,330,436         25,944           Tabula Rasa HealthCare Inc.         405,142         25,860           Yext Inc.         1,330,869         25,738           Cray Inc.         1,033,570         25,428           ScanSource Inc.         624,916         25,184           PROS Holdings Inc.         672,678         24,600           Report Inc.         880,733         24,292           NIC Inc.         1,599,431         24,249           NIC Inc.         1,599,431         24,249           NIC Inc.         1,590,139         23,955           MongoDB Inc.         480,498         23,847           Maxilinear Inc.         480,498         23,847           Maxilinear Inc.         1,515,027         23,619           Altair Engineering Inc. Class A         688,463         23,532           Boingo Wireless Inc.         688,463         23,532           Cerdian HCM Holding Inc.         680,687         22,591           Super Micro Computer Inc.         947,596         22,411           Super Micro Computer Inc.         652,657         22,394           Rudoiph Technologies Inc.         2,728,613 <td>*</td> <td></td> <td></td> <td></td>	*			
Cuality Systems Inc.       1,330,436       25,944         Tabula Rasa HealthCare Inc.       405,142       25,860         Yext Inc.       1,330,869       25,739         Cray Inc.       1,330,869       25,739         Boarsource Inc.       624,916       25,184         PROS Holdings Inc.       6072,678       24,600         Rapid 71 Inc.       800,793       24,292         NIC Inc.       1,559,431       24,294         FormFactor Inc.       1,801,139       23,955         MongoDB Inc.       480,498       23,847         MaxLinear Inc.       1,515,027       23,619         Altair Engineering Inc. Class A       688,463       23,532         Boingo Wireless Inc.       1,027,117       23,203         Ceridian HCM Holding Inc.       680,687       22,592         Diebold Nixdorf Inc.       947,586       22,411         Super Micro Computer Inc.       947,586       22,411         ForeScout Technologies Inc.       633,657       22,394         Rudolph Technologies Inc.       635,657       22,394         Rudolph Technologies Inc.       31,102       21,210         Appfolio Inc.       31,107       21,314         Appfolio Inc.       48	* ^		·	- /
1 Tabula Rasa HealthCare Inc.       445,142       25,869         Yext Inc.       1,330,869       25,739         C Cray Inc.       1,033,570       25,426         S ScanSource Inc.       624,916       25,184         PROS Holdings Inc.       602,916       24,600         Rapid7 Inc.       860,793       24,292         NIC Inc.       1,801,139       23,955         MongoDB Inc.       480,498       23,847         MakLinear Inc.       1,515,027       23,819         Attair Engineering Inc. Class A       688,483       23,532         Bolingo Wireless Inc.       1,027,117       23,203         Ceridian HCM Holding Inc.       880,687       22,591         Super Micro Computer Inc.       947,596       22,411         ForeScout Technologies Inc.       947,596       22,411         ForeScout Technologies Inc.       373,021       21,816         Extreme Networks Inc.       2,728,613       21,720         Nanometrics Inc.       35,112       21,471         Applicio Inc.       35,1112       21,471         Vocera Communications Inc.       608,713       21,816         Applicio Inc.       35,1112       21,471         Vocera Communications Inc. <td>*</td> <td></td> <td></td> <td></td>	*			
Y yext Inc.         1,330,869         25,739           Cry Inc.         10,33,570         25,426           ScanSource Inc.         624,916         25,184           PROS Holdings Inc.         672,678         24,290           Rapid7 Inc.         1,559,431         24,249           FormFactor Inc.         1,801,139         23,985           MongoDB Inc.         480,498         23,847           MaxLinear Inc.         480,498         23,847           Altair Engineering Inc. Class A         688,463         23,532           Boingo Wireless Inc.         1,027,117         23,203           Ceridian HCM Holding Inc.         680,687         22,592           Diebold Nixdorf Inc.         1,884,623         22,521           Super Micro Computer Inc.         1,884,623         22,521           Super Micro Computer Inc.         653,657         22,394           Rudolph Technologies Inc.         653,657         22,394           Rudolph Technologies Inc.         611,965         21,720           Nanometrics Inc.         611,965         21,670           Perficient Inc.         351,112         21,471           Appfelio Inc.         351,112         21,471           Appfelio Inc. <t< td=""><td>*</td><td></td><td></td><td></td></t<>	*			
Cray Inc.         1,033,570         25,426           Scansoure Inc.         674,916         25,148           PROS Holdings Inc.         672,678         24,600           Rapid7 Inc.         860,793         24,298           NIC Inc.         1,559,431         24,248           FormFactor Inc.         1,801,139         23,955           MongoDB Inc.         480,498         23,847           MaxLinear Inc.         1,515,027         23,619           Altair Engineering Inc. Class A         688,463         23,525           Boingo Wireless Inc.         1,027,117         23,03           Cerdian HCM Holding Inc.         680,687         22,591           Super Micro Computer Inc.         947,996         22,411           ForeScout Technologies Inc.         947,996         22,411           ForeScout Technologies Inc.         370,01         21,816           Refricient Inc.         373,021         21,816           Nanometrics Inc.         22,28,13         21,720           Nanometrics Inc.         351,112         21,471           Appfolio Inc.         351,112         21,471           Appfolio Inc.         351,112         21,471           Vocera Communications Inc.         608,713<	*			
ScanSource Inc.         624,916         25,184           PROS Holdings Inc.         672,678         24,600           Rapid7 Inc.         880,793         24,292           NIC Inc.         1,559,431         24,249           PornFactor Inc.         1,801,139         23,955           MongODB Inc.         480,498         23,847           MaxLinear Inc.         1,515,027         23,619           Attair Engineering Inc. Class A         688,463         23,532           Boingo Wireless Inc.         1,027,117         23,203           Ceridian HCM Holding Inc.         680,687         22,592           Diebold Nixdorf Inc.         1,884,623         22,521           Super Micro Computer Inc.         947,596         22,411           ForeScout Technologies Inc.         653,657         22,394           Rudolph Technologies Inc.         653,657         22,394           Rudolph Technologies Inc.         2,728,613         21,720           Nametrics Inc.         91,956         22,411           Particient Inc.         815,097         21,494           Appfolio Inc.         351,112         21,471           Vocara Communications Inc.         90,943         21,227           Vocara Communication	*		· · · · · · · · · · · · · · · · · · ·	
PROS Holdings Inc.         672,678         24,600           Rajd7 Inc.         860,793         24,292           NIC Inc.         1,559,431         24,249           FormFactor Inc.         1,801,139         23,955           MongoDB Inc.         480,498         23,847           MaxLinear Inc.         1,557,417         23,619           Altair Engineering Inc. Class A         688,463         23,532           Boingo Wireless Inc.         1,027,117         23,203           Cerdialm AlCM Holding Inc.         680,687         22,592           Super Micro Computer Inc.         947,596         22,411           ForeScout Technologies Inc.         653,657         22,394           Rudolph Technologies Inc.         653,657         22,394           Rudolph Technologies Inc.         737,021         21,816           Extreme Networks Inc.         2,728,613         21,720           Nanometrics Inc.         611,965         21,670           Perficient Inc.         351,112         21,491           Appfolio Inc.         351,112         21,471           Acacia Communications Inc.         468,879         21,057           Acacia Communications Inc.         468,879         21,057           Monoty	*			
Rapid/ Inc.       860,793       24,292         NC Inc.       1,559,431       24,249         FormFactor Inc.       1,559,431       24,249         MongoDB Inc.       1,801,139       23,955         Machine Inc.       480,498       23,847         Attair Engineering Inc. Class A       688,463       23,532         Boing Wireless Inc.       1,027,117       23,203         Ceridian HCM Holding Inc.       680,687       22,592         Diebold Nixdorf Inc.       1,844,623       22,511         Super Micro Computer Inc.       947,596       22,411         ForeScout Technologies Inc.       653,657       22,394         Rudolph Technologies Inc.       653,657       22,394         Rudolph Technologies Inc.       737,021       21,816         Extreme Networks Inc.       2,728,613       21,720         Nanometrics Inc.       815,097       21,494         Appfolio Inc.       315,112       21,471         Amkor Technology Inc.       351,112       21,471         Vocera Communications Inc.       709,943       21,220         Acacia Communications Inc.       468,979       21,057         Monotype Imaging Holdings Inc.       1,027,118       20,851	*			
NIC Inc.         1,559,431         24,249           FormFactor Inc.         1,801,139         23,957           MongoDB Inc.         480,498         23,847           MaxLinear Inc.         1,515,027         23,619           Attair Engineering Inc. Class A         688,463         23,532           Boingo Wireless Inc.         1,027,117         23,203           Ceridian HCM Holding Inc.         680,687         22,592           Diebold Nixdorf Inc.         1,884,623         22,521           Super Micro Computer Inc.         947,596         22,411           ForeScout Technologies Inc.         653,657         22,394           Rudolph Technologies Inc.         737,021         21,816           Extreme Networks Inc.         2,728,613         21,720           Nanometrics Inc.         611,965         21,670           Applied Inc.         815,097         21,494           Applied Inc.         351,112         21,471           Amkor Technology Inc.         2,497,224         21,451           Vocera Communications Inc.         608,713         21,188           Applied Optoelectronics Inc.         608,713         21,188           Applied Optoelectronics Inc.         608,713         20,181	*			
FormFactor Inc.         1,801,139         23,955           MongoDB Inc.         480,498         23,847           MaxLinear Inc.         1,515,027         23,619           Attair Engineering Inc. Class A         688,463         23,532           Boing Wireless Inc.         1,027,117         23,203           Ceridian HCM Holding Inc.         680,687         22,592           Diebold Nixodr Inc.         1,884,623         22,521           Super Micro Computer Inc.         947,596         22,411           ForeScout Technologies Inc.         653,657         22,394           Rudolph Technologies Inc.         653,657         22,394           Nanometrics Inc.         611,965         21,720           Nanometrics Inc.         611,965         21,670           Perficient Inc.         351,112         21,471           Appfolio Inc.         351,112         21,471           Appfolio Inc.         351,112         21,494           Appfolio Inc.         351,112         21,494           Appfolio Inc.         608,713         21,189           Acacia Communications Inc.         608,713         21,189           Applied Optoelectronics Inc.         608,713         21,189           Carbonite Inc.<		·		
MaxLinear Inc.         1,515,027         23,619           Altair Engineering Inc. Class A         688,463         23,532           Boingo Wireless Inc.         1,027,117         23,203           Ceridian HCM Holding Inc.         680,687         22,592           Diebold Nixdorf Inc.         1,884,623         22,521           Super Micro Computer Inc.         947,596         22,411           ForeScout Technologies Inc.         653,657         22,394           Rudolp Technologies Inc.         737,021         21,816           Extreme Networks Inc.         2,728,613         21,720           Nanometrics Inc.         611,965         21,670           Perficient Inc.         815,097         21,494           Appfolio Inc.         351,1112         21,471           Appfolio Inc.         351,1112         21,471           Vocera Communications Inc.         608,713         21,289           Apple Optoelectronics Inc.         608,713         21,189           Apple Optoelectronics Inc.         608,713         21,189           Apple Optoelectronics Inc.         608,713         21,189           Apple Optoelectronics Inc.         595,443         20,671           Carbonite Inc.         1,027,118         20,651	*	FormFactor Inc.		
1. Altair Engineering Inc. Class A         23,522           2. Boingo Wireless Inc.         1,027,117         23,203           2. Ceridian HCM Holding Inc.         680,687         22,592           2. Diebold Nixdorf Inc.         1,884,623         22,521           3. Super Micro Computer Inc.         947,596         22,411           4. ForeScout Technologies Inc.         653,657         22,394           8. Rudolph Technologies Inc.         737,021         21,816           2. Extreme Networks Inc.         2728,613         21,720           Nanometrics Inc.         611,965         21,670           Perficient Inc.         815,097         21,494           Appfollo Inc.         351,112         21,471           4 Amor Technology Inc.         2,497,224         21,451           Vocera Communications Inc.         709,943         21,220           Acacia Communications Inc.         608,713         21,189           Applied Optoelectronics Inc.         468,979         21,057           Monotype Imaging Holdings Inc.         1,027,118         20,851           Carbonite Inc.         555,43         20,781           Vaper Corp.         1,236,112         19,901           USA Technologies Inc.         1,236,112         19,9	*,^	MongoDB Inc.	480,498	23,847
∗ Boingo Wireless Inc.       1,027,117       23,203         ∗ Ceridian HCM Holding Inc.       680,687       22,592         ▶ Diebold Nixdorf Inc.       1,884,623       22,521         ∗ Super Micro Computer Inc.       947,596       22,411         ∗ ForeScout Technologies Inc.       653,657       22,394         Rudolph Technologies Inc.       737,021       21,816         ∗ Rudolph Technologies Inc.       737,021       21,816         ∗ Rudolph Technologies Inc.       2,728,613       21,720         ∗ Nanometrics Inc.       611,965       21,670         ▶ Perficient Inc.       815,097       21,494         ∗ Appfolio Inc.       351,112       21,471         ∗ Amkor Technology Inc.       2,497,224       21,451         ∗ Vocera Communications Inc.       608,713       21,189         ∗ Applied Optoelectronics Inc.       608,713       21,189         ∗ Applied Optoelectronics Inc.       488,979       21,057         Monotype Imaging Holdings Inc.       595,443       20,781         ∗ Shutterstock Inc.       39,44       20,644         ∗ Vocar Corp.       1,236,112       19,901         ∗ CalAmp Corp.       1,287,412       18,679         ⋆ Particles Smiconductor Corp.	*			,
Ceridian HCM Holding Inc.         680,687         22,592           Diebold Nixdorf Inc.         1,884,623         22,521           Super Micro Computer Inc.         947,596         22,411           ForeScout Technologies Inc.         653,657         22,394           Rudolph Technologies Inc.         737,021         2,1816           Extreme Networks Inc.         2,728,613         21,720           Nanometrics Inc.         611,965         21,670           Perficient Inc.         815,097         2,494           Appfolio Inc.         351,112         21,471           Amkor Technology Inc.         2,497,224         21,451           Vocera Communications Inc.         608,713         21,189           Applied Optoelectronics Inc.         608,713         21,189           Monotype Imaging Holdings Inc.         1,027,118         20,851           Shutterstock Inc.         595,443         20,781           Shutterstock Inc.         1,236,112         19,901           Cision Ltd.         1,307,825         19,552           Veric Corp.         828,732         19,417           ATLICE Semiconductor Corp.         828,732         19,417           ADTRAN Inc.         671,908         17,819	*			
A Diebold Nixdorf Inc.         1,884,623         22,521           Super Micro Computer Inc.         947,596         22,411           ForeScout Technologies Inc.         653,657         22,394           Rudolph Technologies Inc.         737,021         21,816           Extreme Networks Inc.         2,728,613         21,720           Nanometrics Inc.         611,965         21,670           Perficient Inc.         815,097         21,494           Appfolio Inc.         351,112         21,471           Vocera Communications Inc.         351,112         21,471           Vocera Communications Inc.         608,713         21,220           Applied Optoelectronics Inc.         608,713         21,189           Applied Optoelectronics Inc.         608,713         21,189           Carbonite Inc.         1,027,118         20,851           Shutterstock Inc.         595,443         20,781           Shutterstock Inc.         1,489,518         20,573           Xperi Corp.         1,236,112         19,901           Cision Ltd.         1,307,825         19,552           CalAmp Corp.         828,732         19,417           Lattice Semiconductor Corp.         2,847,412         18,679	*			
Super Micro Computer Inc.         947,596         22,411           ForeScout Technologies Inc.         653,657         22,394           Rudolph Technologies Inc.         737,021         21,816           Extreme Networks Inc.         2,728,613         21,720           Nanometrics Inc.         611,965         21,670           Perficient Inc.         351,112         21,471           Appfolio Inc.         351,112         21,471           Amkor Technology Inc.         2,497,224         21,451           Vocera Communications Inc.         608,713         21,198           Applied Optoelectronics Inc.         608,713         21,198           Applied Optoelectronics Inc.         608,713         20,181           Monotype Imaging Holdings Inc.         1,027,118         20,851           Carbonite Inc.         595,443         20,781           Shutterstock Inc.         434,982         20,644           USA Technologies Inc.         1,469,518         20,573           Xperi Corp.         1,236,112         19,901           Lattice Semiconductor Corp.         828,732         19,417           Lattice Semiconductor Corp.         2,847,412         18,679           ADTRAN Inc.         671,908         17,819     <	*	•	·	
ForeScout Technologies Inc.         653,657         22,394           Rudolph Technologies Inc.         737,021         21,816           Extreme Networks Inc.         2,728,613         21,720           Nanometrics Inc.         611,965         21,670           Perficient Inc.         815,097         21,494           Appfolio Inc.         351,112         21,471           Amkor Technology Inc.         2,497,224         21,451           Vocera Communications Inc.         709,943         21,220           Acacia Communications Inc.         608,713         21,189           Applied Optoelectronics Inc.         608,713         21,189           Applied Optoelectronics Inc.         608,713         21,189           Monotype Imaging Holdings Inc.         1,027,118         20,851           Carbonite Inc.         595,443         20,781           Shutterstock Inc.         434,982         20,644           USA Technologies Inc.         1,469,518         20,573           Xperi Corp.         1,236,112         19,901           CalAmp Corp.         2,847,412         18,679           ADTRAN Inc.         2,847,412         18,679           ADTRAN Inc.         551,189         17,572           X	^			
№ Rudolph Technologies Inc.       737,021       21,816         Extreme Networks Inc.       2,728,613       21,720         Nanometrics Inc.       611,965       21,670         Perficient Inc.       815,097       21,494         Appfolio Inc.       351,112       21,471         Amkor Technology Inc.       2,497,224       21,451         Vocera Communications Inc.       709,943       21,220         Acacia Communications Inc.       608,713       21,189         Monotype Imaging Holdings Inc.       1,027,118       20,851         Monotype Imaging Holdings Inc.       1,027,118       20,851         Carbonite Inc.       595,443       20,781         Shutterstock Inc.       434,982       20,644         USA Technologies Inc.       1,469,518       20,573         Xperi Corp.       1,236,112       19,901         Cision Ltd.       1,307,825       19,552         CalAmp Corp.       82,8732       19,417         Lattice Semiconductor Corp.       2,847,412       18,679         ADTRAN Inc.       671,908       17,819         Comtech Telecommunications Corp.       551,189       17,572         Xcerra Corp.       1,256,943       17,560         Ren				
Extreme Networks Inc.       2,728,613       21,720         Nanometrics Inc.       611,965       21,670         Perficient Inc.       815,097       21,494         Appfolio Inc.       351,112       21,471         Amkor Technology Inc.       2,497,224       21,451         Vocera Communications Inc.       709,943       21,220         A Acacia Communications Inc.       608,713       21,89         Applied Optoelectronics Inc.       468,979       21,057         Monotype Imaging Holdings Inc.       1,027,118       20,851         Carbonite Inc.       595,443       20,781         Shutterstock Inc.       434,982       20,644         USA Technologies Inc.       1,469,518       20,573         Xperi Corp.       1,236,112       19,901         Cision Ltd.       1,307,825       19,552         CalAmp Corp.       828,732       19,417         ADTRAN Inc.       2,847,412       18,679         ADTRAN Inc.       671,908       17,819         Comtech Telecommunications Corp.       551,189       17,572         Xcerra Corp.       551,189       17,572         Xcerra Corp.       513,237       17,245         Associal Communications Inc.	*			
Nanometrics Inc.       611,965       21,670         Perficient Inc.       815,097       21,494         Appfolio Inc.       351,112       21,491         Amkor Technology Inc.       2,497,224       21,451         Vocera Communications Inc.       709,943       21,220         A Acacia Communications Inc.       608,713       21,189         Applied Optoelectronics Inc.       468,979       21,057         Monotype Imaging Holdings Inc.       1,027,118       20,851         Carbonite Inc.       595,443       20,781         Shutterstock Inc.       434,982       20,644         USA Technologies Inc.       1,236,112       19,901         Vegri Corp.       1,236,112       19,901         Cision Ltd.       1,307,825       19,552         CalAmp Corp.       828,732       19,417         Lattice Semiconductor Corp.       828,732       19,417         Lattice Semiconductor Corp.       2,847,412       18,679         ADTRAN Inc.       671,908       17,819         SendGrid Inc.       671,908       17,819         Comtech Telecommunications Corp.       551,189       17,572         Xeerra Corp.       513,237       17,245         Menefitfocus Inc.	*			
Perficient Inc.       815,097       21,494         Appfolio Inc.       351,112       21,471         Amkor Technology Inc.       2,497,224       21,451         Vocera Communications Inc.       709,943       21,220         Acacia Communications Inc.       608,713       21,189         Applied Optoelectronics Inc.       468,979       21,057         Monotype Imaging Holdings Inc.       1,027,118       20,851         Carbonite Inc.       595,443       20,781         Shutterstock Inc.       494,982       20,644         USA Technologies Inc.       1,469,518       20,573         Xperi Corp.       1,236,112       19,901         Cision Ltd.       1,307,825       19,552         CalAmp Corp.       828,732       19,417         ADTRAN Inc.       1,212,403       18,609         ADTRAN Inc.       671,908       17,819         Comtech Telecommunications Corp.       551,189       17,572         Xoerra Corp.       551,189       17,572         Xoerra Corp.       551,3237       17,245         Ab Benefitfocus Inc.       3,847,632       16,776	*			
Name of Technology Inc.       351,112       21,471         Amkor Technology Inc.       2,497,224       21,451         Vocera Communications Inc.       709,943       21,220         Acacia Communications Inc.       608,713       21,189         Applied Optoelectronics Inc.       468,979       21,057         Monotype Imaging Holdings Inc.       1,027,118       20,851         Carbonite Inc.       595,443       20,781         Shutterstock Inc.       434,982       20,644         USA Technologies Inc.       4,469,518       20,573         Xperi Corp.       1,236,112       19,901         Cision Ltd.       1,307,825       19,552         CalAmp Corp.       828,732       19,417         Lattice Semiconductor Corp.       828,732       19,417         ADTRAN Inc.       1,212,403       18,609         ADTRAN Inc.       1,212,403       18,004         SendGrid Inc.       671,908       17,819         Corntech Telecommunications Corp.       551,189       17,572         Xcera Corp.       551,237       17,260         Benefit focus Inc.       513,237       17,245         Applications Inc.       3,847,632       16,776	*		·	,
* Amkor Technology Inc.       2,497,224       21,451         * Vocera Communications Inc.       709,943       21,220         * Acacia Communications Inc.       608,713       21,189         * Applied Optoelectronics Inc.       468,979       21,057         Monotype Imaging Holdings Inc.       1,027,118       20,851         * Carbonite Inc.       595,443       20,781         * Shutterstock Inc.       434,982       20,644         * USA Technologies Inc.       1,469,518       20,573         Xperi Corp.       1,236,112       19,901         * Cision Ltd.       1,307,825       19,552         * CalAmp Corp.       828,732       19,417         * Lattice Semiconductor Corp.       2,847,412       18,679         ADTRAN Inc.       1,212,403       18,004         * SendGrid Inc.       671,908       17,819         Comtech Telecommunications Corp.       551,189       17,560         * Xcerra Corp.       551,237       17,560         * Benefitfocus Inc.       513,237       17,245         * TransEnterix Inc.       3,847,632       16,776	*			
*** Acacia Communications Inc.       608,713       21,189         ** Applied Optoelectronics Inc.       468,979       21,057         Monotype Imaging Holdings Inc.       1,027,118       20,851         * Carbonite Inc.       595,443       20,781         * Shutterstock Inc.       434,982       20,644         * USA Technologies Inc.       1,469,518       20,573         Xperi Corp.       1,236,112       19,901         * Cision Ltd.       1,307,825       19,552         * CalAmp Corp.       828,732       19,417         * Lattice Semiconductor Corp.       2,847,412       18,679         ADTRAN Inc.       1,212,403       18,004         * SendGrid Inc.       671,908       17,819         Comtech Telecommunications Corp.       551,189       17,560         * Xcerra Corp.       551,189       17,560         * Benefitfocus Inc.       513,237       17,560         * TransEnterix Inc.       3,847,632       16,776	*	Amkor Technology Inc.		
*** Applied Optoelectronics Inc.       468,979       21,057         Monotype Imaging Holdings Inc.       1,027,118       20,851         ** Carbonite Inc.       595,443       20,781         * Shutterstock Inc.       434,982       20,644         * USA Technologies Inc.       1,469,518       20,573         Xperi Corp.       1,236,112       19,901         * Cision Ltd.       1,307,825       19,552         * CalAmp Corp.       828,732       19,417         * Lattice Semiconductor Corp.       2,847,412       18,609         ADTRAN Inc.       1,212,403       18,004         * SendGrid Inc.       671,908       17,819         * Comtech Telecommunications Corp.       551,189       17,572         * Xcerra Corp.       1,256,943       17,560         * Benefitfocus Inc.       513,237       17,245         * TransEnterix Inc.       3,847,632       16,776	*	Vocera Communications Inc.	709,943	21,220
Monotype Imaging Holdings Inc.       1,027,118       20,851         Carbonite Inc.       595,443       20,781         Shutterstock Inc.       434,982       20,644         USA Technologies Inc.       1,469,518       20,573         Xperi Corp.       1,236,112       19,901         Cision Ltd.       1,307,825       19,552         CalAmp Corp.       828,732       19,417         Lattice Semiconductor Corp.       2,847,412       18,679         ADTRAN Inc.       1,212,403       18,004         SendGrid Inc.       671,908       17,819         Contech Telecommunications Corp.       551,189       17,572         Xcerra Corp.       1,256,943       17,560         Benefitfocus Inc.       513,237       17,245         TransEnterix Inc.       3,847,632       16,776	*,^			
** Carbonite Inc.       595,443       20,781         ** Shutterstock Inc.       434,982       20,644         ** USA Technologies Inc.       1,469,518       20,573         Xperi Corp.       1,236,112       19,901         ** Cision Ltd.       1,307,825       19,552         ** CalAmp Corp.       828,732       19,417         ** Lattice Semiconductor Corp.       2,847,412       18,679         ADTRAN Inc.       1,212,403       18,004         ** SendGrid Inc.       671,908       17,819         Contech Telecommunications Corp.       551,189       17,572         * Xcerra Corp.       1,256,943       17,560         * Benefitfocus Inc.       513,237       17,245         * TransEnterix Inc.       3,847,632       16,776	*,^		·	
Shutterstock Inc.       434,982       20,644         USA Technologies Inc.       1,469,518       20,573         Xperi Corp.       1,236,112       19,901         Cision Ltd.       1,307,825       19,552         CalAmp Corp.       828,732       19,417         Lattice Semiconductor Corp.       2,847,412       18,679         ADTRAN Inc.       1,212,403       18,004         SendGrid Inc.       671,908       17,819         Comtech Telecommunications Corp.       551,189       17,572         Xcerra Corp.       1,256,943       17,560         Benefitfocus Inc.       513,237       17,245         TransEnterix Inc.       3,847,632       16,776				
VSA Technologies Inc.       1,469,518       20,573         Xperi Corp.       1,236,112       19,901         Cision Ltd.       1,307,825       19,552         CalAmp Corp.       828,732       19,417         Lattice Semiconductor Corp.       2,847,412       18,679         ADTRAN Inc.       1,212,403       18,004         SendGrid Inc.       671,908       17,819         Comtech Telecommunications Corp.       551,189       17,572         Xcerra Corp.       1,256,943       17,560         Benefitfocus Inc.       513,237       17,245         TransEnterix Inc.       3,847,632       16,776	*			
Xperi Corp.       1,236,112       19,901         Cision Ltd.       1,307,825       19,552         CalAmp Corp.       828,732       19,417         Lattice Semiconductor Corp.       2,847,412       18,679         ADTRAN Inc.       1,212,403       18,004         SendGrid Inc.       671,908       17,819         Comtech Telecommunications Corp.       551,189       17,572         Xcerra Corp.       1,256,943       17,560         Benefitfocus Inc.       513,237       17,245         TransEnterix Inc.       3,847,632       16,776	*			
Cision Ltd.       1,307,825       19,552         CalAmp Corp.       828,732       19,417         Lattice Semiconductor Corp.       2,847,412       18,679         ADTRAN Inc.       1,212,403       18,004         SendGrid Inc.       671,908       17,819         Comtech Telecommunications Corp.       551,189       17,572         Xcerra Corp.       1,256,943       17,560         Benefitfocus Inc.       513,237       17,245         TransEnterix Inc.       3,847,632       16,776	*			
** CalAmp Corp.       828,732       19,417         ** Lattice Semiconductor Corp.       2,847,412       18,679         ADTRAN Inc.       1,212,403       18,004         * SendGrid Inc.       671,908       17,819         Comtech Telecommunications Corp.       551,189       17,572         * Xcerra Corp.       1,256,943       17,560         * Benefitfocus Inc.       513,237       17,245         * TransEnterix Inc.       3,847,632       16,776				
Lattice Semiconductor Corp.       2,847,412       18,679         ADTRAN Inc.       1,212,403       18,004         SendGrid Inc.       671,908       17,819         Comtech Telecommunications Corp.       551,189       17,572         Xcerra Corp.       1,256,943       17,560         Benefitfocus Inc.       513,237       17,245         TransEnterix Inc.       3,847,632       16,776	*			
ADTRAN Inc. 1,212,403 18,004 SendGrid Inc. 671,908 17,819 Comtech Telecommunications Corp. 551,189 17,572 Xcerra Corp. 1,256,943 17,560 Benefitfocus Inc. 513,237 17,245 TransEnterix Inc. 3,847,632 16,776	*			
* SendGrid Inc.       671,908       17,819         Comtech Telecommunications Corp.       551,189       17,572         * Xcerra Corp.       1,256,943       17,560         * Benefitfocus Inc.       513,237       17,245         * TransEnterix Inc.       3,847,632       16,776		!		
Comtech Telecommunications Corp.       551,189       17,572         * Xcerra Corp.       1,256,943       17,560         * Benefitfocus Inc.       513,237       17,245         * TransEnterix Inc.       3,847,632       16,776	*			,
* Xcerra Corp.       1,256,943       17,560         * Benefitfocus Inc.       513,237       17,245         * TransEnterix Inc.       3,847,632       16,776			·	
* Benefitfocus Inc.       513,237       17,245         * TransEnterix Inc.       3,847,632       16,776	*	·		
*^ TransEnterix Inc. 3,847,632 16,776	*			
	*,^			
	*	Endurance International Group Holdings Inc.	1,669,572	

			Market Value
		Shares	(\$000)
*,^	Unisys Corp.	1,266,377	16,336
*	CEVA Inc.	538,227	16,254
	Cohu Inc.	656,746	16,097
	Axcelis Technologies Inc. Ultra Clean Holdings Inc.	789,690 917,350	15,636 15,228
*	OneSpan Inc.	917,350 744,477	14,629
*	Workiva Inc.	592,437	14,455
*,^	Ichor Holdings Ltd.	643,519	13,655
*	Photronics Inc.	1,688,243	13,464
*	Upland Software Inc.	380,689	13,084
	Systemax Inc.	364,062	12,498
*,^	Appian Corp. Class A	334,211	12,085
*	Loral Space & Communications Inc.	318,580	11,979
*	Limelight Networks Inc.	2,621,284	11,717
*,^	Immersion Corp.	757,990	11,703
	Switch Inc.	956,894	11,645
*	Rosetta Stone Inc.	691,143	11,079
*,^	Zscaler Inc.	305,958	10,938
*	QAD Inc. Class A Model N Inc.	214,789 562.667	10,772 10,466
*	Presidio Inc.	789,412	10,466
	Computer Programs & Systems Inc.	314,177	10,341
	Forrester Research Inc.	244,937	10,275
*,^	KeyW Holding Corp.	1,173,682	10,258
	American Software Inc. Class A	690,159	10,056
*	Alpha & Omega Semiconductor Ltd.	705,573	10,047
*	Digi International Inc.	757,535	9,999
	PC Connection Inc.	298,774	9,919
*	Vectrus Inc.	320,881	9,890
*	PDF Solutions Inc.	798,381	9,565
*	Zix Corp.	1,769,634	9,538
*	Calix Inc.	1,189,809	9,281
	Hackett Group Inc.	561,201	9,019
*	Harmonic Inc.	2,077,560	8,830
	ChannelAdvisor Corp.	625,648	8,790
*	Mitek Systems Inc. Brightcove Inc.	983,263 903,435	8,751 8,718
*	Avalara Inc.	163,018	8,700
*	Zuora Inc. Class A	318,670	8,668
*	WideOpenWest Inc.	865,646	8,362
*	Meet Group Inc.	1,855,598	8,313
*,^	Impinj Inc.	375,205	8,296
*	MobileIron Inc.	1,821,485	8,106
*	Ribbon Communications Inc.	1,135,893	8,088
*	Quantenna Communications Inc.	519,716	8,076
*,^	Digimarc Corp.	298,448	7,998
*	Agilysys Inc.	505,215	7,831
*	A10 Networks Inc.	1,197,161	7,458
	Castlight Health Inc. Class B AXT Inc.	1,728,466	7,346
	Simulations Plus Inc.	1,032,207 319,695	7,277 7,113
*,^	NeoPhotonics Corp.	1,140,889	7,113
*,^	Gogo Inc.	1,454,604	7,108
*	Sigma Designs Inc.	1,158,189	7,065
*	DSP Group Inc.	532,274	6,627
	Preformed Line Products Co.	73,908	6,562
*	Ooma Inc.	448,671	6,349
*	Amber Road Inc.	668,089	6,287
*	eGain Corp.	375,920	5,676
*,^	nLight Inc.	171,424	5,667
*	KVH Industries Inc.	385,252	5,162
*	PAR Technology Corp.	289,316	5,115
*	Telenav Inc.	904,288	5,064
*	Internap Corp.	464,421	4,839

			Market
		Shares	Value (\$000)
*	Casa Systems Inc.	290,290	4,740
*	Kopin Corp.	1,644,481	4,703
*,^	Aquantia Corp.	404,131	4,680
*,^	Veritone Inc.	270,690	4,553
	ConvergeOne Holdings Inc.	481,200	4,518
*,^	VirnetX Holding Corp.	1,321,949	4,495
*,^	Fusion Connect Inc.	1,125,157	4,433
*	Carbon Black Inc.	164,201	4,269
*	Bandwidth Inc. Class A	102,165	3,880
*	Telaria Inc.	945,280	3,819
*	Adesto Technologies Corp.	448,390	3,766
*	EMCORE Corp.	712,655	3,599
	AstroNova Inc.	187,627	3,537
*	Aerohive Networks Inc.	859,701	3,413
*	Seachange International Inc.	984,262	3,366
*	Computer Task Group Inc.	404,128	3,128
*	Clearfield Inc.	282,541	3,122
*	Pixelworks Inc.	826,306	2,983
*	SecureWorks Corp. Class A	234,363	2,918
*	RigNet Inc.	278,797	2,872
*	Datawatch Corp.	299,389	2,844
*,^	Park City Group Inc.	358,673	2,834
*,^	Resonant Inc.	501,976	2,831
*,^	Exela Technologies Inc.	593,106	2,817
*	GSI Technology Inc.	368,484	2,771
	TESSCO Technologies Inc.	158,040	2,734
*	VOXX International Corp. Class A	492,421	2,659
*	Smartsheet Inc. Class A	101,385	2,633
	TransAct Technologies Inc.	206,018	2,575
*	ID Systems Inc.	414,467	2,566
	PC-Tel Inc.	403,760	2,519
*,^	QuickLogic Corp.	2,064,240	2,374
*	Key Tronic Corp.	301,701	2,287
*	Quantum Corp.	996,196	2,192
*	Amtech Systems Inc.	352,960	2,135
*	Great Elm Capital Group Inc.	561,319	2,021
*,^	Airgain Inc.	219,697	2,019
*,^	Everspin Technologies Inc.	221,295	1,974
*	Domo Inc.	70,500	1,925
	GlobalSCAPE Inc.	469,361	1,816
*	Aware Inc.	432,908	1,753
*	inTEST Corp.	238,227	1,739
*	Edgewater Technology Inc.	315,536	1,710
*	Finjan Holdings Inc.	499,635	1,699
*,^	Inseego Corp.	830,617	1,670
*	Identiv Inc.	413,264	1,599
*	LRAD Corp.	604,296	1,589
	QAD Inc. Class B	38,958	1,578
*	Data I/O Corp.	219,273	1,392
*	Synacor Inc.	677,563	1,355
*	Support.com Inc.	473,810	1,350
*,^	Atomera Inc.	219,062	1,341
*	Aviat Networks Inc.	81,079	1,327
*,^	Neurotrope Inc.	131,201	1,270
	RCM Technologies Inc.	255,019	1,260
*,^	SITO Mobile Ltd.	479,955	1,243
*,^	CVD Equipment Corp.	173,894	1,158
*	Xplore Technologies Corp.	292,147	1,122
*	Icad Inc.	342,414	1,044
*,^	Rimini Street Inc.	158,628	1,039
*,^	ACM Research Inc. Class A	94,054	1,014
*,^	Aehr Test Systems	417,457	981
	Network-1 Technologies Inc.	304,119	943
*	DASAN Zhone Solutions Inc.	95,949	936

			Market Value
		Shares	(\$000)
*	BSQUARE Corp.	337,101	910
*	GSE Systems Inc.	275,429	895
*	SharpSpring Inc.	101,651	888
*,^	NXT-ID Inc.	486,470	837
	NetSol Technologies Inc.	147,077	816
*,^	Red Violet Inc.	87,451	752
*,^	Xcel Brands Inc.	294,148	691
*	Intermolecular Inc. Innodata Inc.	386,671 643,214	646 643
*	WidePoint Corp.	1,149,532	632
	ClearOne Inc.	155,448	598
*	Westell Technologies Inc. Class A	183,100	522
*	EverQuote Inc. Class A	28,233	512
*,^	Smith Micro Software Inc.	217,859	499
	Communications Systems Inc.	128,426	489
	BK Technologies Inc.	129,063	478
*	Lantronix Inc.	164,876	468
*,^	iPass Inc.	1,355,186	467
*,^	Intellicheck Inc.	196,842	453
	CSP Inc.	43,624	430
*,^	Marin Software Inc.	72,462	420
*	Radisys Corp.	598,252	418
*	Evolving Systems Inc.	140,367	400
*,^	Helios & Matheson Analytics Inc.	1,231,778	382
*,^	Sunworks Inc.	317,501	356
*,^	Neonode Inc.	834,061	316
*	ARC Group Worldwide Inc.	117,147	287
*	CynergisTek Inc.	69,263	273
*	Streamline Health Solutions Inc.	184,670	271
*	Majesco	41,672	256
*,^	Inuvo Inc.	315,731	244
*	Qumu Corp.	104,233	229
*,^	Cinedigm Corp. Class A	138,637	215
*,^	ParkerVision Inc.	323,425	212
*,^	Trio-Tech International	46,648	209
*,^	Netlist Inc. RumbleON Inc. Class B	985,473 28,148	174 166
*	Socket Mobile Inc.	64,296	158
*	Determine Inc.	96,597	136
*,^	XpresSpa Group Inc.	380,077	111
*,^	Ominto Inc.	265,206	98
*	Mastech Digital Inc.	5,280	85
*,^	xG Technology Inc.	128,431	82
*,^	Tintri Inc.	306,038	76
*	Intelligent Systems Corp.	7,783	68
*	BroadVision Inc.	27,601	57
*	ADDvantage Technologies Group Inc.	29,519	39
*	Sonic Foundry Inc.	15,095	34
*	Qualstar Corp.	4,300	33
	SilverSun Technologies Inc.	2,301	9
*	AMERI Holdings Inc.	1,700	2
*	CMTSU Liquidation Inc.	113,650	1
Tما	lecommunications (1.8%)	_	138,744,972
101	AT&T Inc.	181,825,704	5,838,423
	Verizon Communications Inc.	103,417,594	5,202,939
	CenturyLink Inc.	24,235,894	451,757
*	T-Mobile US Inc.	7,426,513	443,734
*	Zayo Group Holdings Inc.	5,290,728	193,006
*,^	Sprint Corp.	15,108,614	82,191
*	Vonage Holdings Corp.	5,393,575	69,523
	Telephone & Data Systems Inc.	2,320,887	63,639
*	8x8 Inc.	2,192,684	43,963
	Shenandoah Telecommunications Co.	1,156,096	37,804

		Charac	Market Value
_		Shares	(\$000)
*	GTT Communications Inc.  Iridium Communications Inc.	838,833 2,337,854	37,748 37,639
*,^	Intelsat SA	1,674,629	27,899
	Consolidated Communications Holdings Inc.	1,810,388	22,376
*	ORBCOMM Inc.	1,902,817	19,218
*	Cincinnati Bell Inc.	1,031,441	16,194
	ATN International Inc.	259,828	13,711
*	United States Cellular Corp.	331,897	12,293
^	Frontier Communications Corp. Spok Holdings Inc.	1,955,108 558,578	10,479 8,407
*,^	pdvWireless Inc.	310,293	7,742
*,^	Globalstar Inc.	13,903,876	6,812
*	HC2 Holdings Inc.	1,130,802	6,615
	Windstream Holdings Inc.	910,433	4,798
*	Hawaiian Telcom Holdco Inc.	146,351	4,233
	IDT Corp. Class B	422,763	2,376
*	Alaska Communications Systems Group Inc.	1,193,525	2,113
*,^	Pareteum Corp. Otelco Inc. Class A	526,689 54,117	1,317 809
*	CPS Technologies Corp.	45,009	73
Liati			12,669,831
Util	lities (2.9%)  NextEra Energy Inc.	11,807,254	1,972,166
	Duke Energy Corp.	17,525,772	1,385,938
	Southern Co.	25,340,976	1,173,541
	Dominion Energy Inc.	16,329,773	1,113,364
	Exelon Corp.	24,130,673	1,027,967
	American Electric Power Co. Inc.	12,298,045	851,640
	Sempra Energy	6,598,021	766,096
	Public Service Enterprise Group Inc. Consolidated Edison Inc.	12,651,790 7,767,441	684,968 605,705
	Xcel Energy Inc.	7,767,441 12,708,567	580,527
	PG&E Corp.	12,905,909	549,276
	PPL Corp.	18,811,452	537,067
	Edison International	8,139,884	515,010
	WEC Energy Group Inc.	7,908,998	511,317
	DTE Energy Co.	4,530,344	469,480
	Eversource Energy	7,902,296	463,154
	FirstEnergy Corp. American Water Works Co. Inc.	11,934,855 4,480,576	428,581 382,552
*	Evergy Inc.	6,771,080	380,196
	Ameren Corp.	6,075,790	369,712
	Entergy Corp.	4,517,721	364,987
	CMS Energy Corp.	7,029,002	332,331
	CenterPoint Energy Inc.	10,755,442	298,033
*	Atmos Energy Corp.	2,794,642	251,909
*	Vistra Energy Corp. Alliant Energy Corp.	10,462,470 5,826,823	247,542 246,591
	NiSource Inc.	9,053,624	237,929
	NRG Energy Inc.	7,490,236	229,950
	UGI Corp.	4,336,219	225,787
	Pinnacle West Capital Corp.	2,786,142	224,452
	AES Corp.	16,553,699	221,985
	Aqua America Inc.	4,470,956	157,288
	Vectren Corp.	2,077,972	148,471
	SCANA Corp. IDACORP Inc.	3,402,675 1,269,156	131,071 117,067
	WGL Holdings Inc.	1,298,882	117,067
	ALLETE Inc.	1,319,770	102,163
	New Jersey Resources Corp.	2,246,659	100,538
	ONE Gas Inc.	1,333,869	99,693
	National Fuel Gas Co.	1,854,395	98,209
	Portland General Electric Co.	2,261,810	96,715
	Hawaiian Electric Industries Inc.	2,803,131	96,147

Southwest Gas Holdings Inc.   1,156,701   1,156,6889   Averaged Inc.   1,209,883   1,209					Market Value
Avsta Corp.				Shares	(\$000
Avergrid Inc. Spire Inc. 1,209,883 Black Hills Corp. 1,350,089 PNM Rosources Inc. 2,044,151 South Jersey Industries Inc. South Jersey Ind. South Jersey Industries Inc. South Jersey Ind.				, ,	88,222
Spire   Inc.					87,241 85,794
Black Hills Corp.   1,380,089   PNM Resources Inc.   2,150,817   South Jersey Industries Inc.   2,150,817   South Jersey Industries Inc.   2,150,817   NorthWestern Corp.   1,226,532   El Paso Elactric Co.   1,025,179   MGE Energy Inc.   902,785   Ormat Technologies Inc.   1,012,959   American States Water Co.   931,206   California Water Service Group   1,215,434   Northwest Natural Gas Co.   731,681   Total Company Cash Investments (O.   1,215,434   Northwest Natural Gas Co.   1,899,140   Total Temporary Cash Investments (O.7%)   1,699,140   1					85,794 85,464
PNM Resources Inc.   2,034,151   South Jersey Industries Inc.   1,226,532   E1 820   E1 620				, ,	82,639
South Jersey Industries Inc.   2,180,817   NorthWestern Corp.   1,226,852   El Paso Electric Co.   1,025,179   MGE Energy Inc.   902,785   Ormat Technologies Inc.   1,012,959   American States Water Co.   931,206   California Water Service Group   1,215,434   Northwest Natural Gas Co.   1,899,140   Chesapaske Utilities Corp.   1,699,140   Chesapaske Utilities Corp.   440,130   Surrun Inc.   1,899,140   Connecticut Water Service Inc.   389,837   Surrun Inc.   1,899,140   Connecticut Water Service Inc.   389,837   Surrun Inc.   1,899,140   Middlesex Water Co.   389,837   Connecticut Water Service Inc.   389,910   Middlesex Water Co.   399,910   Middlesex W	· ·				79,128
NorthWestern Corp.   1,226,532   E Paso Electric Co.   1,025,179   MGE Energy Inc.   300,2785   1,025,179   MGE Energy Inc.   310,025,179   MGE Energy Inc.   312,085   American States Water Co.   313,1205   California Water Service Group   1,215,434   Northwest Natural Gas Co.   731,081   Continued States Vater Technologies Corp.   1,899,140   Chesapeake Utilities Corp.   389,837   SJW Group   440,130   A40,130   A40,13					71,988
El Paso Electric Co.   1,025,179   MGE Energy Inc.   902,785   Ormat Technologies Inc.   1,012,959   American States Water Co.   931,206   California Water Service Group   1,215,434   Northwest Natural Gas Co.   731,881   731,881   1,260   Chesapoake Utilities Corp.   1,699,140   Chesapoake Utilities Corp.   389,837   S.IW Group   440,130   2,168,840   1,659,156   Connectiout Water Service Inc.   389,910   Middlesex Water Co.   336,580   385,787   Vork Water Co.   336,580   385,787   Vork Water Co.   336,580   278,787   Vork Water Corp.   3,393,115   RGC Resources Inc.   163,952   282,70   283,787   Vork Water Corp.   3,393,115   RGC Resources Inc.   163,952   282,70   283,787   Vork Solar Inc.   309,455   309,455   309,455   309,455   309,455   309,455   309,455   309,455   309,455   309,455   309,455   309,455   309,455   309					70,219
MGE Energy Inc.					60,588
Ormat Technologies Inc.         1,012,959           American States Water Co.         331,206           California Water Service Group         1,216,434           Northwest Natural Gas Co.         731,881           Evoqua Water Technologies Corp.         1,899,140           Chessapeake Utilities Corp.         389,837           S.W. Group         440,130           Year Surrun Inc.         2,168,840           Terraform Power Inc. Class A         1,659,158           Connecticut Water Service Inc.         389,910           Middlesex Water Co.         389,810           Vork Water Co.         385,787           Vork Water Co.         386,800           Cadic Inc.         769,728           Artesian Resources Corp. Class A         231,249           Atlantic Power Corp.         338,187           RGC Resources Inc.         163,952           Aqualerture Holdings Ltd.         295,210           Pure Cycle Corp.         467,095           Vivint Solar Inc.         303,455           Genie Energy Ltd. Class B         379,378           Total Common Stocks (Cost \$433,835,468)         48,446,758         4,6           U.S. Government and Agency Obligations (0.0%)         48,446,758         4,6 <td< td=""><td></td><td></td><td></td><td></td><td>56,921</td></td<>					56,921
American States Water Co. California Water Service Group Northwest Natural Cas Co. Evoqua Water Technologies Corp. Chesapeake Utilities Corp. SJW Group Chesapeake Utilities Corp. SJW Group SJW Group SJR SJR Group SJR SJR Group SJR				,	53,879
California Water Service Group   1,215,434   Northwest Natural Gas Co.   731,681   1,699,140   1,699,140   1,699,140   1,699,140   1,699,140   1,699,140   1,699,140   1,699,140   1,699,140   1,699,140   1,699,140   1,699,140   1,699,140   1,699,156   1,699					53,228
Northwest Natural Gas Co.   731,681   Evoqua Water Technologies Corp.   1,699,140   1,69					47,341
Evegual Water Technologies Corp. Chesappeake Utilities Corp.         1,699,140 Chesappeake Utilities Corp.         388,837 SJW Group         440,130 440,130 440,130 440,130 440,130 440,130 75 SJM Group         2,158,840 1,659,158 Carp.         1,659,158 Carp.         1,659,158 Carp.         1,659,158 Carp.         1,659,158 Carp.         1,659,158 Carp.         2,158,840 Carp.         1,659,158 Carp.         2,158,840 Carp.         1,659,158 Carp.         2,158,840 Carp.         1,659,158 Carp.         2,158,840 Carp.         2,158,840 Carp.         2,158,840 Carp.         2,158,840 Carp.         3,158,757 Carp. </td <td>•</td> <td></td> <td></td> <td></td> <td>46,681</td>	•				46,681
Chesapeake Utilities Corp.					34,832
SUM Group   440,130   2,158,840   1,659,156   Connecticut Water Service Inc.   2,158,840   1,659,156   Connecticut Water Service Inc.   399,910   399,910   Middlesex Water Co.   336,580   365,787   York Water Co.   336,580   365,787   York Water Co.   336,580   365,787   York Water Co.   336,580   379,728   Attained Power Corp. Class A   231,249   333,3115   R6C Resources Inc.   163,952   AquaVenture Holdings Ltd.   295,210   Yor Pure Cycle Corp.   467,095   Yor Pure Cycle Corp.   467,095   Yor Pure Cycle Corp.   467,095   Advanture Holdings Ltd.   295,210   Yor Pure Cycle Corp.   467,095   Advanture Holdings Ltd.   767,171   Spark Energy Inc. Class A   309,455   Advanture Holdings Ltd.   767,171   Spark Energy Inc. Class A   309,455   Advanture Holdings Ltd.   767,171   Spark Energy Inc. Class B   379,378   20,1					31,167
Surrun Inc.       2,158,840         TerraForm Power Inc. Class A       1,659,156         Connecticut Water Service Inc.       295,513         Unitil Corp.       305,910         Middlesex Water Co.       336,580         York Water Co.       336,580         Cadiz Inc.       769,728         Artesian Resources Corp. Class A       231,249         Atlantic Power Corp.       3,393,115         RGC Resources Inc.       163,952         A QualVenture Holdings Ltd.       295,210         Pure Cycle Corp.       467,095         Vivint Solar Inc.       767,171         Spark Energy Inc. Class A       309,455         Genie Energy Ltd. Class B       379,378         Coupon         Temporary Cash Investments (0.7%)         Money Market Fund (0.7%)         42       Vanguard Market Liquidity Fund       2.122%       48,446,758       4,6         United States Treasury Bill       1.83%-1.887%       10/418       7,100         United States Treasury Bill       1.83%-1.887%       10/418       7,00         United States Treasury Bill       1.83%-1.887%       10/418       13,000         United States Treasury Bill       1.894%       10/11/18				,	29,145
TerraForm Power Inc. Class A   1,659, 166   295, 513   295, 513   295, 513   295, 513   295, 513   295, 513   295, 513   295, 513   295, 513   295, 513   295, 513   295, 513   295, 513   295, 513   295, 787	·				28,389
Connecticut Water Service Inc.	TerraForm Power Inc. Class A				19,412
United Corp.   369,910   Middlesex Water Co.   336,580   760,728	Connecticut Water Service Inc.				19,303
Middlesex Water Co.   388,787   704k Water Co.   336,586   769,728   336,586   769,728   336,586   769,728   767,171   767,1	Unitil Corp.			,	18,880
York Water Co.	·				16,269
Cadiz Inc.				/	10,703
Artesian Resources Corp. Class A   231,249   3,393,115   RGC Resources Inc.   163,952   295,210   295,21	*^ Cadiz Inc.				10,083
RGC Resources Inc.   183,952   295,210   295	Artesian Resources Corp. Class A				8,966
RGC Resources Inc. 163,952 295,210 4295,210 295,210 295,210 295,210 4767,095 4767,095 4767,095 4767,095 4767,095 4767,095 4767,171 397 309,455	* Atlantic Power Corp.			,	7,465
AquaVenture Holdings Ltd. 295,210 Horre Cycle Corp. 467,095 Horre Cycle Corp. 467,095 Total Common Stocks (Cass A Genie Energy Ltd. Class B 309,455 Genie Energy Ltd. Class B 20,11 Total Common Stocks (Cost \$433,835,468) 698,2					4,784
Pure Cycle Corp.	* AguaVenture Holdings Ltd.				4,599
Vivint Solar Inc.   767,171   309,455   309,455   379,378					4,461
Coupon   C				767,171	3,798
Coupon   C	Spark Energy Inc. Class A				3,017
Coupon   C				379,378	1,882
Coupon   C				_	20,138,879
Temporary Cash Investments (0.7%)1   Money Market Fund (0.7%)   45   Vanguard Market Liquidity Fund   2.122%   48,446,758   4,8	Total Common Stocks (Cost \$433,835,468)				698,240,170
Temporary Cash Investments (0.7%)   Temporary Cash Investments (0.7%)		Coupon			
Money Market Fund (0.7%)   4.5   Vanguard Market Liquidity Fund   2.122%   48,446,758   4,846,758	Temporary Cash Investments (0.7%)	Соцроп			
Vanguard Market Liquidity Fund   2.122%   48,446,758   4,8					
U.S. Government and Agency Obligations (0.0%)  U.S. Government and Agency Obligations (0.0%)  United States Treasury Bill  United St		2.122%		48,446,758	4,845,160
U.S. Government and Agency Obligations (0.0%)  United States Treasury Bill United Stat				Face	
U.S. Government and Agency Obligations (0.0%)  United States Treasury Bill United Stat			Maturity		
U.S. Government and Agency Obligations (0.0%)  6 United States Treasury Bill 1.737% 7/19/18 35,000  6 United States Treasury Bill 1.883%-1.887% 10/4/18 7,100  6 United States Treasury Bill 1.934% 10/11/18 47,000  6 United States Treasury Bill 1.986% 10/18/18 13,000  6 United States Treasury Bill 2.082% 12/20/18 3,000  Total Temporary Cash Investments (Cost \$4,949,274)  Total Investments (100.3%) (Cost \$438,784,742)  Other Assets and Liabilities—Net (-0.3%)5,6,7  (2,0)			,		
United States Treasury Bill 1.737% 7/19/18 35,000 United States Treasury Bill 1.883%-1.887% 10/4/18 7,100 United States Treasury Bill 1.934% 10/11/18 47,000 United States Treasury Bill 1.986% 10/18/18 13,000 United States Treasury Bill 2.082% 12/20/18 3,000  Total Temporary Cash Investments (Cost \$4,949,274)  Total Investments (100.3%) (Cost \$438,784,742)  Other Assets and Liabilities—Net (-0.3%)5,6,7  (2,0)	U.S. Government and Agency Obligations (0.0%)				
United States Treasury Bill Un		1 737%	7/19/18	35,000	34,971
United States Treasury Bill 1.934% 10/11/18 47,000 1.986% 10/18/18 13,000 1.986% 10/18/18 3,000 1.982% 12/20/18 3,000 12/20/18 3,000 12/20/18 3,000 12/20/18 3,000 12/20/18 3,000 12/20/18 3,000 12/20/18 3,000 12/20/18 3,000 12/20/18 3,000 12/20/18 3,000 12/20/18 3,000 12/20/18 3,000 12/20/18 3,000 12/20/18 3					7,065
United States Treasury Bill 1.986% 10/18/18 13,000 2.082% 12/20/18 3,000 12/20/18					46,746
2.082%   12/20/18   3,000   1   1   1   1   1   1   1   1   1	,				12,925
Total Temporary Cash Investments (Cost \$4,949,274)       4,9         Total Investments (100.3%) (Cost \$438,784,742)       703,1         Other Assets and Liabilities—Net (-0.3%)5.6.7       (2,0					2,971
Total Investments (100.3%) (Cost \$438,784,742)  Other Assets and Liabilities—Net (-0.3%)5.6.7  (2,0			,,		104,678
Other Assets and Liabilities—Net (-0.3%)5,6,7 (2,0	Total Temporary Cash Investments (Cost \$4,949,274)				4,949,838
	Total Investments (100.3%) (Cost \$438,784,742)				703,190,008
Net Assets (100%) 701.1	Other Assets and Liabilities—Net (-0.3%)5.6.7				(2,005,444
	Net Assets (100%)				701,184,564

Non-income-producing security.

<sup>^</sup> Includes partial security positions on loan to broker-dealers. The total value of securities on loan is \$2,624,489,000.

Vanguard® Total Stock Market Index Fund

Schedule of Investments

June 30, 2018

- 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 0.3%, respectively, of net assets.
- 2 Security value determined using significant unobservable inputs.
- 3 "Other" represents securities that are not classified by the fund's benchmark index.
- 4 Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.
- 5 Includes \$2,805,251,000 of collateral received for securities on loan.
- 6 Securities with a value of \$102,679,000 and a cash of \$2,100,000 have been segregated as initial margin for open futures contracts.
- 7 Cash with a value of \$2,340,000 has been segregated as collateral for open over-the-counter swap contracts.

ADR—American Depositary Receipt.

CVR—Contingent Value Rights.

REIT—Real Estate Investment Trust.