Vanguard°

Annual Report | December 31, 2020

Vanguard Total Stock Market Index Fund

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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.

Your Fund's Performance at a Glance

- For the 12 months ended December 31, 2020, Vanguard Total Stock Market Index Fund returned about 21% for each of its share classes.
- The period was marked by the global spread of COVID-19 and efforts to contain it. Responses from policymakers, the creation and initial distribution of vaccines, and the easing of some restrictions soon lifted investor sentiment, and stock markets hit highs in December. After an initial period of high volatility and low liquidity in the bond markets, yields fell and prices rose amid unprecedented actions taken by governments and central banks to blunt the virus's economic impact.
- The fund, which offers investors exposure to every segment, size, and style of the U.S. equity market, closely tracked its target index, the CRSP US Total Market Index.
- The technology and consumer discretionary sectors provided the largest contributions to the fund's performance. Financials and energy were the biggest detractors.

Market Barometer

	Average Annual Total Returns Periods Ended December 31, 2020		
	One Year	Three Years	Five Years
Stocks			
Russell 1000 Index (Large-caps)	20.96%	14.82%	15.60%
Russell 2000 Index (Small-caps)	19.96	10.25	13.26
Russell 3000 Index (Broad U.S. market)	20.89	14.49	15.43
FTSE All-World ex US Index (International)	11.22	5.18	9.16
Bonds			
Bloomberg Barclays U.S. Aggregate Bond Index (Broad taxable market)	7.51%	5.34%	4.44%
Bloomberg Barclays Municipal Bond Index (Broad tax-exempt market)	5.21	4.64	3.91
FTSE Three-Month U.S. Treasury Bill Index	0.58	1.56	1.16
СРІ			
Consumer Price Index	1.36%	1.85%	1.95%

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 December 31, 2020

	Beginning Account Value 6/30/2020	Ending Account Value 12/31/2020	Expenses Paid During Period
Based on Actual Fund Return			
Total Stock Market Index Fund			
Investor Shares	\$1,000.00	\$1,251.70	\$0.79
ETF Shares	1,000.00	1,252.20	0.17
Admiral™ Shares	1,000.00	1,252.40	0.23
Institutional Shares	1,000.00	1,252.30	0.17
Institutional Plus Shares	1,000.00	1,252.50	0.11
Institutional Select Shares	1,000.00	1,252.50	0.06
Based on Hypothetical 5% Yearly Return			
Total Stock Market Index Fund			
Investor Shares	\$1,000.00	\$1,024.43	\$0.71
ETF Shares	1,000.00	1,024.99	0.15
Admiral Shares	1,000.00	1,024.94	0.20
Institutional Shares	1,000.00	1,024.99	0.15
Institutional Plus Shares	1,000.00	1,025.04	0.10
Institutional Select Shares	1,000.00	1,025.09	0.05

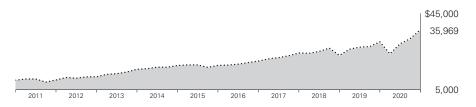
The calculations are based on expenses incurred in the most recent six-month period. The funds' annualized six-month expense ratios for that period are: 0.14% for Investor Shares, 0.03% for ETF Shares, 0.04% for Admiral Shares, 0.03% for Institutional Shares, 0.02% for Institutional Plus Shares, and 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 (184/366).

Total Stock Market Index Fund

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.

Cumulative Performance: December 31, 2010, Through December 31, 2020 Initial Investment of \$10,000



Average Annual Total Returns Periods Ended December 31, 2020 Final Value One Five Ten of a \$10,000 Year Years Years Investment

	One Year	Five Years	Ten Years	of a \$10,000 Investment
Total Stock Market Index Fund Investor Shares	20.87%	15.30%	13.66%	\$35,969
······ Spliced Total Stock Market Index	20.99	15.44	13.80	36,412

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.

	One Year	Five Years	Ten Years	Final Value of a \$10,000 Investment
Total Stock Market Index Fund ETF Shares Net Asset Value	20.95%	15.43%	13.78%	\$36,367
Total Stock Market Index Fund ETF Shares Market Price	21.05	15.44	13.78	36,372
Spliced Total Stock Market Index	20.99	15.44	13.80	36,412

Average Annual Total Re	eturns
Periods Ended December 31.	2020

	Periods Er	ided Decemb	er 31, 2020	_
	One Year	Five Years	Ten Years	Final Value of a \$10,000 Investment
Total Stock Market Index Fund Admiral Shares	20.99%	15.42%	13.78%	\$36,364
Spliced Total Stock Market Index	20.99	15.44	13.80	36,412

	One Year	Five Years	Ten Years	Final Value of a \$5,000,000 Investment
Total Stock Market Index Fund Institutional Shares	21.00%	15.43%	13.79%	\$18,196,249
Spliced Total Stock Market Index	20.99	15.44	13.80	18,205,817

	One Year	Five Years	Since Inception (4/28/2015)	Final Value of a \$100,000,000 Investment
Total Stock Market Index Fund Institutional Plus Shares	21.02%	15.45%	12.82%	\$198,364,370
CRSP US Total Market Index	20.99	15.44	12.81	198,245,590

[&]quot;Since Inception" performance is calculated from the Institutional Plus Shares' inception date for both the fund and its comparative standard(s).

	One Year	Since Inception (6/27/2016)	Final Value of a \$5,000,000,000 Investment
Total Stock Market Index Fund Institutional Select Shares	21.03%	17.63%	\$10,399,307,500
CRSP US Total Market Index	20.99	17.60	10,390,827,000

[&]quot;Since Inception" performance is calculated from the Institutional Select Shares' inception date for both the fund and its comparative standard(s).

Cumulative Returns of ETF Shares: December 31, 2010, Through December 31, 2020

	One Year	Five Years	Ten Years
Total Stock Market Index Fund ETF Shares Market Price	21.05%	105.05%	263.72%
Total Stock Market Index Fund ETF Shares Net Asset Value	20.95	104.90	263.67
Spliced Total Stock Market Index	20.99	105.00	264.12

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 below the NAV.

Total Stock Market Index Fund

Fund Allocation

As of December 31, 2020

Basic Materials	2.0%
Consumer Discretionary	16.6
Consumer Staples	5.2
Energy	2.3
Financials	10.6
Health Care	13.6
Industrials	13.8
Other	0.0
Real Estate	3.4
Technology	26.2
Telecommunications	3.3
Utilities	3.0

The table reflects the fund's investments, except for short-term investments and derivatives. 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.

The fund may invest in derivatives (such as futures and swap contracts) for various reasons, including, but not limited to, attempting to remain fully invested and tracking its target index as closely as possible.

Financial Statements

Schedule of Investments—Investments Summary

As of December 31, 2020

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 files its complete schedule of portfolio holdings with the Securities and Exchange Commission (SEC) four times in each fiscal year. For the second and fourth quarters the complete list of the fund's holdings is available on vanguard.com and on Form N-CSR, or you can have it mailed to you without charge by calling 800-662-7447. For the first and third quarters of each fiscal year, the complete list of the fund's holdings is available as an exhibit to its reports on Form N-PORT. The fund's Form N-CSR and Form N-PORT reports are available on the SEC's website at www.sec.gov.

	Shares	Market Value• (\$000)	Percentage of Net Assets
Common Stocks			
†Basic Materials*,1,2		20,970,407	1.94%
Consumer Discretionary			
Amazon.com Inc.*	12,021,587	39,153,467	3.62%
Tesla Inc.*	21,373,005	15,082,288	1.40%
Walt Disney Co.*	50,934,403	9,228,295	0.85%
Home Depot Inc.	30,337,348	8,058,206	0.75%
Netflix Inc.*	12,456,771	6,735,750	0.62%
Walmart Inc.	39,940,405	5,757,409	0.53%
NIKE Inc. Class B	35,313,135	4,995,749	0.46%
Costco Wholesale Corp.	12,440,675	4,687,398	0.43%
McDonald's Corp.	21,003,423	4,506,915	0.42%
† Consumer Discretionary—Other*,1		80,653,492	7.47%
		178,858,969	16.55%
Consumer Staples			
Procter & Gamble Co.	69,888,389	9,724,270	0.90%
Coca-Cola Co.	109,040,409	5,979,776	0.55%
PepsiCo Inc.	38,971,974	5,779,544	0.54%
Lifevantage Corp.*,3	915,829	8,536	0.00%
† Consumer Staples —Other*,1		34,372,269	3.18%
		55,864,395	5.17%
Energy			
Exxon Mobil Corp.	119,134,661	4,910,731	0.46%
Chevron Corp.	54,244,455	4,580,944	0.43%
† Energy—Other*,1		15,191,376	1.39%
		24,683,051	2.28%
Financials	E0 100 470	11 000 005	1.000/
Berkshire Hathaway Inc. Class B*	50,126,473	11,622,825	1.08%
JPMorgan Chase & Co.	85,921,780	10,918,081	1.01 %

		Market	Percentage
	Charas	Value•	of Net
	Shares	(\$000)	Assets
Bank of America Corp.	219,465,477	6,651,999	0.62%
Berkshire Hathaway Inc. Class A*	1,051	365,554	0.03%
† Financials—Other*,1,2		84,115,014	7.78%
		113,673,473	10.52%
Health Care			
Johnson & Johnson	74,205,534	11,678,467	1.08%
UnitedHealth Group Inc.	26,742,136	9,377,932	0.87%
Merck & Co. Inc.	71,326,645	5,834,520	0.54%
Pfizer Inc.	156,686,034	5,767,613	0.54%
Abbott Laboratories	49,962,922	5,470,440	0.51%
AbbVie Inc.	49,771,582	5,333,025	0.49%
Thermo Fisher Scientific Inc.	11,173,053	5,204,185	0.48%
Medtronic plc	37,922,340	4,442,223	0.41%
Eli Lilly & Co.	24,271,804	4,098,051	0.38%
Danaher Corp.	18,025,035	4,004,081	0.37%
Bristol-Myers Squibb Co.	63,734,382	3,953,444	0.37%
Avenue Therapeutics Inc.*,1,3	838,827	4,991	0.00%
Dare Bioscience Inc.*,3	2,700,357	3,618	0.00%
180 Life Sciences Corp.*.1,3	1,069,400	2,919	0.00%
† Health Care—Other*,1,2		80,832,125	7.47%
		146,007,634	13.51%
Industrials	47.475.040	40.004.000	0.000/
Visa Inc. Class A	47,475,346	10,384,282	0.96%
Mastercard Inc. Class A	25,072,939	8,949,535	0.83%
PayPal Holdings Inc.*	33,030,291	7,735,694	0.72%
Accenture plc Class A	17,857,580	4,664,578	0.43%
Honeywell International Inc.	19,773,638	4,205,853	0.39%
Union Pacific Corp.	18,997,450	3,955,649	0.37%
Research Solutions Inc.*,3	1,731,900	4,035	0.00%
Perma-Pipe International Holdings Inc.*,3 † Industrials—Other*,1,2,4	471,899	2,860	0.00%
· Industrials—Other (1)-2-1		108,794,387	10.06%
		148,696,873	13.76%
†Other*,1,2,5		4,741	0.00%
+D 15 *4		00 000 445	0.000/
†Real Estate*,1		36,303,445	3.36%
Technology			
Apple Inc.	431,284,490	57,227,139	5.30%
Microsoft Corp.	213,105,312	47,398,884	4.39%
Facebook Inc. Class A*	67,764,638	18,510,589	1.71%
Alphabet Inc. Class A*	8,507,525	14,910,629	1.38%
Alphabet Inc. Class C*	7,871,113	13,789,245	1.28%
NVIDIA Corp.	16,577,597	8,656,821	0.80%
Adobe Inc.*	13,529,688	6,766,468	0.63%
Intel Corp.	115,513,847	5,754,900	0.53%
salesforce.com Inc.*	24,356,433	5,420,037	0.50%
Broadcom Inc.	11,392,214	4,988,081	0.46%
QUALCOMM Inc.	31,883,663	4,857,157	0.45%
Texas Instruments Inc.	25,880,263	4,247,728	0.39%
† Technology—Other*,1	. ,	89,642,201	8.29%
	•	282,169,879	26.11%
Telecommunications		202,100,070	20.11/0
Verizon Communications Inc.	116,643,057	6,852,780	0.63%
	,	0,002,700	3.00 /0

6,743,929 5,775,449 4,796,701 1,852,194 6,021,053 4,260,440 7,693,047 1,953,487 5,207,407	0.629 0.549 0.449 1.109 3.339 0.399 2.579 2.969 99.499
5,775,449 4,796,701 1,852,194 6,021,053 4,260,440 7,693,047 1,953,487	0.549 0.449 1.109 3.339 0.399 2.579 2.969
5,775,449 4,796,701 1,852,194 6,021,053 4,260,440 17,693,047	0.549 0.449 1.109 3.339 0.399 2.579
5,775,449 4,796,701 1,852,194 6,021,053 4,260,440	0.549 0.449 1.109 3.339
5,775,449 4,796,701 1,852,194 6,021,053	0.549 0.449 1.109 3.339
5,775,449 4,796,701 1,852,194	0.549 0.449 1.109
5,775,449 4,796,701	0.549 0.449
5,775,449	0.549
6 7/12 020	0.620
Value*	Percentag of Ne Asset
	Market Value• (\$000)

0.111%	86,992,558	8,699,256	0.81%
		374,989	0.03%
		9,074,245	0.84%
		1,084,281,696	100.33%
		(3,569,396)	(0.33%)
		1,080,712,300	100.00%
	0.111%	0.111% 86,992,558	374,989 9,074,245 1,084,281,696 (3,569,396)

Cost is in \$000.

- · See Note A in Notes to Financial Statements.
- † 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.
- * Includes non-income-producing security.
- 1 Includes partial security positions on loan to broker-dealers. The total value of securities on loan is \$3,870,567,000.
- 2 Certain securities are valued using significant unobservable inputs.
- 3 Considered an affiliated company of the fund as the fund owns more than 5% of the outstanding voting securities of such company.
- 4 Certain securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be sold in transactions exempt from registration, normally to qualified institutional buyers. At December 31, 2020, the aggregate value of these securities was \$70,112,000, representing 0.0% of net assets.
- 5 "Other" represents securities that are not classified by the fund's benchmark index.
- 6 Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.
- 7 Collateral of \$4,200,627,000 was received for securities on loan, of which \$4,167,191,000 is held in Vanguard Market Liquidity Fund and \$33,436,000 is held in cash.
- 8 Securities with a value of \$161,996,000 have been segregated as initial margin for open futures 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 Russell 2000 Index	March 2021	1,914	188,989	6,156
E-mini S&P 500 Index	March 2021	25,703	4,817,770	99,733
E-mini S&P Mid-Cap 400 Index	March 2021	240	55,284	1,603
				107,492

Over-the-Counter Total Return Swaps

			Notional	Floating Interest Rate Received	Value and Unrealized	Value and Unrealized
Reference Entity	Termination Date	Counterparty	Amount (\$000)	(Paid) ¹ (%)	Appreciation (\$000)	(Depreciation) (\$000)
Alcoa Corp.	9/2/21	BOANA	5,440	(0.153)	321	_
Bandwidth Inc. Class A	9/2/21	BOANA	31,874	(0.153)	381	_
Consolidated Edison Inc.	9/2/21	BOANA	106,750	(0.153)	_	(5,609)
International Flavors & Fragrances Inc.	2/2/21	GSI	22,186	(0.153)	_	(415)
Raymond James Financial Inc.	9/2/21	BOANA	31,833	(0.153)	1,638	_
RingCentral Inc. Class A	9/2/21	BOANA	40,604	(0.153)	2,967	_
State Street Corp.	9/2/22	BOANA	35,600	(0.158)	784	_
State Street Corp.	9/2/22	BOANA	35,373	(0.152)	1,013	_
State Street Corp.	9/2/22	BOANA	42,396	(0.144)	1,268	_
Visa Inc. Class A	9/2/21	BOANA	47,329	(0.153)	1,885	_
Vistra Corp.	9/2/21	BOANA	19,988	(0.153)	1,043	_
Williams Cos. Inc.	9/2/21	BOANA	125,880	(0.153)	_	(5,612)
					11,300	(11.636)

¹ Based on 1M USD London Interbank Offered Rate (LIBOR) as of the most recent payment date. Floating interest payment received/paid monthly.

1M—1-month

BOANA-Bank of America, N.A.

GSI-Goldman Sachs International.

At December 31, 2020, the counterparties had deposited in segregated accounts securities with a value of \$2,384,000 in connection with open over-the-counter swap contracts.

Statement of Assets and Liabilities

As of December 31, 2020

(\$000s, except shares and per-share amounts)	Amount
Assets	
Investments in Securities, at Value	
Unaffiliated Issuers (Cost \$519,279,409)	1,075,555,481
Affiliated Issuers (Cost \$8,729,974)	8,726,215
Total Investments in Securities	1,084,281,696
Investment in Vanguard	40,719
Cash	173,936
Cash Collateral Pledged—Futures Contracts	151,932
Receivables for Investment Securities Sold	18,400
Receivables for Accrued Income	803,487
Receivables for Capital Shares Issued	1,123,176
Variation Margin Receivable—Futures Contracts	33,434
Unrealized Appreciation—Over-the-Counter Swap Contracts	11,300
Total Assets	1,086,638,080
Liabilities	
Payables for Investment Securities Purchased	115,347
Collateral for Securities on Loan	4,200,627
Payables for Capital Shares Redeemed	1,571,670
Payables for Distributions	42
Payables to Vanguard	26,458
Unrealized Depreciation—Over-the-Counter Swap Contracts	11,636
Total Liabilities	5,925,780
Net Assets	1,080,712,300

Statement c	f Assets	and	Liabilities	(continued)
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At December 31, 2020, net assets consisted of:	
(\$000s, except shares and per-share amounts)	Amount
Paid-in Capital	541,009,897
Total Distributable Earnings (Loss)	539,702,403
Net Assets	1,080,712,300
Investor Shares—Net Assets	
Applicable to 1,624,383,109 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	153,845,190
Net Asset Value Per Share—Investor Shares	\$94.71
ETF Shares – Net Assets	
Applicable to 1,038,342,303 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	202,074,521
Net Asset Value Per Share—ETF Shares	\$194.61
Admiral Shares—Net Assets	
Applicable to 2,888,258,235 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	273,621,545
Net Asset Value Per Share—Admiral Shares	\$94.74
Institutional Shares—Net Assets	
Applicable to 1,905,902,342 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	180,586,279
Net Asset Value Per Share—Institutional Shares	\$94.75
Institutional Plus Shares—Net Assets	
Applicable to 1,273,511,762 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	226,288,397
Net Asset Value Per Share—Institutional Plus Shares	\$177.69
Institutional Select Shares—Net Assets	
Applicable to 237,582,538 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	44,296,368
Net Asset Value Per Share—Institutional Select Shares	\$186.45

Statement of Operations

Year Ended December 31, 2020 (\$000)Investment Income Income Dividends—Unaffiliated Issuers 15.761.229 Dividends—Affiliated Issuers 4,706 Interest—Unaffiliated Issuers 7.137 Interest—Affiliated Issuers 19.398 Securities Lending-Net 170.440 Total Income 15,962,910 Expenses The Vanguard Group—Note B Investment Advisory Services 16.106 Management and Administrative—Investor Shares 176.352 36,429 Management and Administrative—ETF Shares Management and Administrative—Admiral Shares 81.422 Management and Administrative—Institutional Shares 37.765 Management and Administrative—Institutional Plus Shares 32.111 Management and Administrative—Institutional Select Shares 2,230 Marketing and Distribution—Investor Shares 10.789 Marketing and Distribution—ETF Shares 5.135 9,901 Marketing and Distribution—Admiral Shares Marketing and Distribution—Institutional Shares 3.576 Marketing and Distribution—Institutional Plus Shares 2.061 Marketing and Distribution—Institutional Select Shares Custodian Fees 2,310 Auditing Fees 397 Shareholders' Reports—Investor Shares 1.620 Shareholders' Reports—ETF Shares 943 Shareholders' Reports—Admiral Shares 744 Shareholders' Reports—Institutional Shares 1.731 Shareholders' Reports—Institutional Plus Shares Shareholders' Reports—Institutional Select Shares Trustees' Fees and Expenses 513 Total Expenses 422.183 Net Investment Income 15,540,727 Realized Net Gain (Loss) Investment Securities Sold—Unaffiliated Issuers1 2.975.686 Investment Securities Sold—Affiliated Issuers (36,300)**Futures Contracts** 362,642

Statement of Operations (continued)

	Year Ended
	December 31, 2020
	(\$000)
Swap Contracts	(43,248)
Realized Net Gain (Loss)	3,258,780
Change in Unrealized Appreciation (Depreciation)	
Investment Securities—Unaffiliated Issuers	169,931,645
Investment Securities—Affiliated Issuers	86,640
Futures Contracts	79,438
Swap Contracts	(10,005)
Change in Unrealized Appreciation (Depreciation)	170,087,718
Net Increase (Decrease) in Net Assets Resulting from Operations	188,887,225

¹ Includes \$14,120,527,000 of net gain (loss) resulting from in-kind redemptions.

Statement of Changes in Net Assets

	Year Ended December 31,		
	2020 (\$000)	2019 (\$000)	
Increase (Decrease) in Net Assets			
Operations			
Net Investment Income	15,540,727	14,979,936	
Realized Net Gain (Loss)	3,258,780	3,830,856	
Change in Unrealized Appreciation (Depreciation)	170,087,718	191,293,521	
Net Increase (Decrease) in Net Assets Resulting from Operations	188,887,225	210,104,313	
Distributions ¹			
Investor Shares	(2,178,405)	(2,441,205)	
ETF Shares	(2,643,535)	(2,314,799)	
Admiral Shares	(4,040,472)	(4,371,014)	
Institutional Shares	(2,632,899)	(2,694,343)	
Institutional Plus Shares	(3,283,515)	(3,268,140)	
Institutional Select Shares	(503,956)	(467,850)	
Total Distributions	(15,282,782)	(15,557,351)	
Capital Share Transactions			
Investor Shares	(11,200,923)	(14,863,283)	
ETF Shares	32,847,249	15,039,487	
Admiral Shares	(23,050,842)	13,652,300	
Institutional Shares	(1,802,186)	4,263,716	
Institutional Plus Shares	1,241,423	12,427,894	
Institutional Select Shares	11,449,267	361,129	
Net Increase (Decrease) from Capital Share Transactions	9,483,988	30,881,243	
Total Increase (Decrease)	183,088,431	225,428,205	
Net Assets			
Beginning of Period	897,623,869	672,195,664	
End of Period	1,080,712,300	897,623,869	

¹ Certain prior-period numbers have been reclassified to conform with the current-period presentation.

Investor Shares

For a Share Outstanding			Ye	ear Ended De	cember 31,
Throughout Each Period	2020	2019	2018	2017	2016
Net Asset Value, Beginning of Period	\$79.66	\$62.08	\$66.70	\$56.06	\$50.78
Investment Operations					
Net Investment Income	1.2841	1.279 ¹	1.275 ¹	1.086 ¹	1.022
Net Realized and Unrealized Gain (Loss) on Investments	15.026	17.634	(4.703)	10.630	5.282
Total from Investment Operations	16.310	18.913	(3.428)	11.716	6.304
Distributions					
Dividends from Net Investment Income	(1.260)	(1.333)	(1.192)	(1.076)	(1.024)
Distributions from Realized Capital Gains			_	_	_
Total Distributions	(1.260)	(1.333)	(1.192)	(1.076)	(1.024)
Net Asset Value, End of Period	\$94.71	\$79.66	\$62.08	\$66.70	\$56.06
Total Return ²	20.87%	30.65%	-5.26%	21.05%	12.53%
Ratios/Supplemental Data					
Net Assets, End of Period (Millions)	\$153,845	\$139,686	\$121,266	\$126,766	\$103,932
Ratio of Total Expenses to Average Net Assets	0.14%	0.14%	0.14%	0.14%	0.15%
Ratio of Net Investment Income to Average Net Assets	1.62%	1.78%	1.86%	1.77%	1.98%
Portfolio Turnover Rate ³	8%	4%	3%	3%	4%
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¹ Calculated based on average shares outstanding.

² 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.

³ 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

For a Share Outstanding			Ye	ear Ended De	cember 31,
Throughout Each Period	2020	2019	2018	2017	2016
Net Asset Value, Beginning of Period	\$163.70	\$127.56	\$137.06	\$115.21	\$104.34
Investment Operations					
Net Investment Income	2.831 ¹	2.809 ¹	2.781 ¹	2.361 ¹	2.214
Net Realized and Unrealized Gain (Loss) on Investments	30.848	36.236	(9.676)	21.832	10.871
Total from Investment Operations	33.679	39.045	(6.895)	24.193	13.085
Distributions					
Dividends from Net Investment Income	(2.769)	(2.905)	(2.605)	(2.343)	(2.215)
Distributions from Realized Capital Gains	_	_	_	_	_
Total Distributions	(2.769)	(2.905)	(2.605)	(2.343)	(2.215)
Net Asset Value, End of Period	\$194.61	\$163.70	\$127.56	\$137.06	\$115.21
Total Return	20.95%	30.80%	-5.13%	21.16%	12.68%
Ratios/Supplemental Data					
Net Assets, End of Period (Millions)	\$202,075	\$138,067	\$94,809	\$91,862	\$69,889
Ratio of Total Expenses to Average Net Assets	0.03%	0.03%	0.03%	0.04%	0.04%
Ratio of Net Investment Income to Average Net Assets	1.73%	1.89%	1.97%	1.87%	2.09%
Portfolio Turnover Rate ²	8%	4%	3%	3%	4%
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¹ Calculated based on average shares outstanding.

² 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

For a Share Outstanding			Ye	ear Ended De	cember 31,
Throughout Each Period	2020	2019	2018	2017	2016
Net Asset Value, Beginning of Period	\$79.69	\$62.09	\$66.72	\$56.08	\$50.79
Investment Operations					
Net Investment Income	1.364 ¹	1.360 ¹	1.344 ¹	1.148 ¹	1.077
Net Realized and Unrealized Gain (Loss) on Investments	15.025	17.646	(4.711)	10.633	5.291
Total from Investment Operations	16.389	19.006	(3.367)	11.781	6.368
Distributions					
Dividends from Net Investment Income	(1.339)	(1.406)	(1.263)	(1.141)	(1.078)
Distributions from Realized Capital Gains	_	_	_	_	_
Total Distributions	(1.339)	(1.406)	(1.263)	(1.141)	(1.078)
Net Asset Value, End of Period	\$94.74	\$79.69	\$62.09	\$66.72	\$56.08
Total Return ²	20.99%	30.80%	-5.17%	21.17%	12.66%
Ratios/Supplemental Data					
Net Assets, End of Period (Millions)	\$273,622	\$252,536	\$185,102	\$190,099	\$151,612
Ratio of Total Expenses to Average Net Assets	0.04%	0.04%	0.04%	0.04%	0.04%
Ratio of Net Investment Income to Average Net Assets	1.72%	1.88%	1.96%	1.87%	2.09%
Portfolio Turnover Rate ³	8%	4%	3%	3%	4%

¹ Calculated based on average shares outstanding.

² 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.

³ 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

For a Share Outstanding		Year Ended December 31,			
Throughout Each Period	2020	2019	2018	2017	2016
Net Asset Value, Beginning of Period	\$79.70	\$62.10	\$66.73	\$56.09	\$50.80
Investment Operations					
Net Investment Income	1.3741	1.365 ¹	1.354 ¹	1.153 ¹	1.082
Net Realized and Unrealized Gain (Loss) on Investments	15.024	17.649	(4.715)	10.630	5.291
Total from Investment Operations	16.398	19.014	(3.361)	11.783	6.373
Distributions					
Dividends from Net Investment Income	(1.348)	(1.414)	(1.269)	(1.143)	(1.083)
Distributions from Realized Capital Gains	_	_	_	_	_
Total Distributions	(1.348)	(1.414)	(1.269)	(1.143)	(1.083)
Net Asset Value, End of Period	\$94.75	\$79.70	\$62.10	\$66.73	\$56.09
Total Return	21.00%	30.81%	-5.16%	21.17%	12.67%
Ratios/Supplemental Data					
Net Assets, End of Period (Millions)	\$180,586	\$152,716	\$115,115	\$113,557	\$79,443
Ratio of Total Expenses to Average Net Assets	0.03%	0.03%	0.03%	0.035%	0.03%
Ratio of Net Investment Income to Average Net Assets	1.73%	1.89%	1.97%	1.87%	2.10%
Portfolio Turnover Rate ²	8%	4%	3%	3%	4%

¹ Calculated based on average shares outstanding.

² 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

For a Share Outstanding		Year Ended December 31,			
Throughout Each Period	2020	2019	2018	2017	2016
Net Asset Value, Beginning of Period	\$149.47	\$116.46	\$125.14	\$105.18	\$95.26
Investment Operations					
Net Investment Income	2.591 ¹	2.575 ¹	2.555 ¹	2.182 ¹	2.042
Net Realized and Unrealized Gain (Loss) on Investments	28.172	33.100	(8.842)	19.938	9.924
Total from Investment Operations	30.763	35.675	(6.287)	22.120	11.966
Distributions					
Dividends from Net Investment Income	(2.543)	(2.665)	(2.393)	(2.160)	(2.046)
Distributions from Realized Capital Gains	_	_	_	_	_
Total Distributions	(2.543)	(2.665)	(2.393)	(2.160)	(2.046)
Net Asset Value, End of Period	\$177.69	\$149.47	\$116.46	\$125.14	\$105.18
Total Return	21.02%	30.82%	-5.15%	21.19%	12.69%
Ratios/Supplemental Data					
Net Assets, End of Period (Millions)	\$226,288	\$188,188	\$135,641	\$126,130	\$85,031
Ratio of Total Expenses to Average Net Assets	0.02%	0.02%	0.02%	0.02%	0.02%
Ratio of Net Investment Income to Average Net Assets	1.74%	1.90%	1.98%	1.89%	2.11%
Portfolio Turnover Rate ²	8%	4%	3%	3%	4%

¹ Calculated based on average shares outstanding.

² 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 Select Shares

For a Share Outstanding		Year Ended December 31,					
Throughout Each Period	2020	2019	2018	2017	2016		
Net Asset Value, Beginning of Period	\$156.83	\$122.20	\$131.31	\$110.37	\$97.70		
Investment Operations							
Net Investment Income	2.7722	2.709 ²	2.7042	2.3112	1.181		
Net Realized and Unrealized Gain (Loss) on Investments	29.532	34.731	(9.290)	20.908	12.718		
Total from Investment Operations	32.304	37.440	(6.586)	23.219	13.899		
Distributions							
Dividends from Net Investment Income	(2.684)	(2.810)	(2.524)	(2.279)	(1.229)		
Distributions from Realized Capital Gains	_	_	_	_	_		
Total Distributions	(2.684)	(2.810)	(2.524)	(2.279)	(1.229)		
Net Asset Value, End of Period	\$186.45	\$156.83	\$122.20	\$131.31	\$110.37		
Total Return	21.03%	30.84%	-5.14%	21.20%	14.24%		
Ratios/Supplemental Data							
Net Assets, End of Period (Millions)	\$44,296	\$26,431	\$20,262	\$14,163	\$8,545		
Ratio of Total Expenses to Average Net Assets	0.01%	0.01%	0.01%	0.01%	0.01%3		
Ratio of Net Investment Income to Average Net Assets	1.76%	1.91%	1.99%	1.90%	2.15%³		
Portfolio Turnover Rate ⁴	8%	4%	3%	3%	4%5		
1 Incontion							

¹ Inception.

² Calculated based on average shares outstanding.

³ Annualized

⁴ 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.

⁵ 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. Each of the share classes has different eligibility and minimum purchase requirements, and is designed for different types of investors. ETF Shares are listed for trading on NYSE Arca; they can be purchased and sold through a broker.

Market disruptions associated with the COVID-19 pandemic have had a global impact, and uncertainty exists as to the long-term implications. Such disruptions can adversely affect assets of the fund and thus fund performance.

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. Any securities pledged as initial margin for open contracts are noted in the Schedule of Investments.

Futures contracts are valued at their quoted daily settlement prices. The notional amounts of the contracts are not recorded in the Statement of Assets and Liabilities. Fluctuations in the value of the contracts are recorded in the Statement of Assets and Liabilities 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 gains (losses) on futures contracts.

During the year ended December 31, 2020, 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 generally invests an amount approximating the notional amount of the swap in high-quality temporary cash investments.

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

The notional amounts of swap contracts are not recorded in the Statement of Assets and Liabilities. 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 Assets and Liabilities as an asset (liability) and in the Statement of Operations as unrealized appreciation (depreciation) until periodic payments are made or the termination of the swap, at which time realized gain (loss) is recorded.

During the year ended December 31, 2020, 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. The fund's tax returns are open to examination by the relevant tax authorities until expiration of the applicable statute of limitations, which is

generally three years after the filing of the tax return. Management has analyzed the fund's tax positions taken for all open federal and state income tax years, and has concluded that no provision for income tax is required in the fund's financial statements.

- 5. Distributions: Distributions to shareholders are recorded on the ex-dividend date. Distributions are determined on a tax basis at the fiscal year-end and may differ from net investment income and realized capital gains for financial reporting purposes.
- 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 pregualified 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 Assets and Liabilities for the return of the collateral, during the period the securities are on loan. Collateral investments in Vanguard Market Liquidity Fund are subject to market appreciation or depreciation. 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 Facilities and Interfund Lending Program: The fund and certain other funds managed by The Vanguard Group ("Vanguard") participate in a \$4.3 billion committed credit facility provided by a syndicate of lenders pursuant to a credit agreement and an uncommitted credit facility provided by Vanguard. Both facilities may be renewed annually. Each fund is individually liable for its borrowings, if any, under the credit facilities. Borrowings may be utilized for temporary or emergency purposes, subject to the fund's regulatory and contractual borrowing restrictions. With respect to the committed credit facility, the participating funds are charged administrative fees and an annual commitment fee of 0.10% of the undrawn committed 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 either facility bear interest at a rate based upon the higher of the one-month London Interbank Offered Rate (or an acceptable alternate rate, if necessary), federal funds effective rate, or overnight bank funding rate plus an agreed-upon spread, except that borrowings under the uncommitted credit facility may bear interest based upon an alternative rate agreed to by the fund and Vanguard.

In accordance with an exemptive order (the "Order") from the SEC, the fund may participate in a joint lending and borrowing program that allows registered open-end Vanguard funds to borrow money from and lend money to each other for temporary or emergency purposes (the "Interfund Lending Program"), subject to compliance with the terms and conditions of the Order, and to the extent permitted by the fund's investment objective and investment policies. Interfund loans and

borrowings normally extend overnight, but can have a maximum duration of seven days. Loans may be called on one business day's notice. The interest rate to be charged is governed by the conditions of the Order and internal procedures adopted by the board of trustees. The board of trustees is responsible for overseeing the Interfund Lending Program.

For the year ended December 31, 2020, the fund did not utilize the credit facilities or the Interfund Lending Program.

8. Other: Dividend income is recorded on the ex-dividend date. Non-cash dividends included in dividend income, if any, are recorded at the fair value of the securities received. Interest income includes income distributions received from Vanguard Market Liquidity Fund and is accrued daily. Premiums and discounts on debt securities are amortized and accreted, respectively, to interest income over the lives of the respective securities, except for premiums on certain callable debt securities that are amortized to the earliest call date. 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) and shareholder reporting. 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 and 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 December 31, 2020, the fund had contributed to Vanguard capital in the amount of \$40,719,000, representing less than 0.01% of the fund's net assets and 16.29% of Vanguard's capital received pursuant to the FSA. 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 and derivatives. 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 and derivatives valued with significant unobservable inputs are noted on the Schedule of Investments.

The following table summarizes the market value of the fund's investments and derivatives as of December 31, 2020, based on the inputs used to value them:

	Level 1 (\$000)	Level 2 (\$000)	Level 3 (\$000)	Total (\$000)
Investments	(ΦΟΟΟ)	(\$000)	(ΦΟΟΟ)	(\$\psi \psi \psi \psi \psi \psi \psi \psi
Assets				
Common Stocks	1,075,194,224	2,120	11,063	1,075,207,407
Preferred Stocks	44	_	_	44
Temporary Cash Investments	8,699,256	374,989	_	9,074,245
Total	1,083,893,524	377,109	11,063	1,084,281,696
Derivative Financial Instruments				
Assets				
Futures Contracts ¹	33,434	_	_	33,434
Swap Contracts	_	11,300	_	11,300
Total	33,434	11,300	_	44,734
Liabilities				
Swap Contracts	_	11,636	_	11,636

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

D. Permanent differences between book-basis and tax-basis components of net assets are reclassified among capital accounts in the financial statements to reflect their tax character. These reclassifications have no effect on net assets or net asset value per share. As of period end, permanent differences primarily attributable to the accounting for in-kind redemptions, passive foreign investment companies, and swap agreements were reclassified between the following accounts:

	Amount (\$000)
Paid-in Capital	14,119,918
Total Distributable Earnings (Loss)	(14,119,918)

Temporary differences between book-basis and tax-basis components of total distributable earnings (losses) arise when certain items of income, gain, or loss are recognized in different periods for financial statement and tax purposes; these differences will reverse at some time in the future. The differences are primarily related to the deferral of losses from wash sales; the recognition of unrealized gains or losses from certain derivative contracts; the recognition of unrealized gains from passive foreign investment companies; and the classification of securities

for tax purposes. As of period end, the tax-basis components of total distributable earnings (losses) are detailed in the table as follows:

	Amount (\$000)
Undistributed Ordinary Income	174,855
Undistributed Long-Term Gains	
Capital Loss Carryforwards	(15,633,990)
Qualified Late-Year Losses	_
Net Unrealized Gains (Losses)	555,161,538

The tax character of distributions paid was as follows:

	Year Ended	December 31,
	2020 Amount (\$000)	2019 Amount (\$000)
Ordinary Income*	15,282,782	15,557,351
Long-Term Capital Gains	_	_
Total	15,282,782	15,557,351

^{*} Includes short-term capital gains, if any.

As of December 31, 2020, gross unrealized appreciation and depreciation for investments and derivatives based on cost for U.S. federal income tax purposes were as follows:

	Amount (\$000)
Tax Cost	529,120,157
Gross Unrealized Appreciation	586,837,491
Gross Unrealized Depreciation	(31,675,953)
Net Unrealized Appreciation (Depreciation)	555,161,538

E. During the year ended December 31, 2020, the fund purchased \$108,679,402,000 of investment securities and sold \$100,770,952,000 of investment securities, other than temporary cash investments. Purchases and sales include \$35,879,901,000 and \$18,058,478,000, 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:

Interest Procession 1000 1000 2010<		Year Ended December 31,				
Composition			2020		2019	
Saued in Lieu of Cash Distributions 2,178,405 28,832 2,435,264 33,011 Redeemed						
Issued in Lieu of Cash Distributions 2,178,405 28,832 2,435,264 33,011 Redeemed (27,895,689) (365,845) (25,048,279) (342,517) Net Increase (Decrease)—Investor Shares (11,200,923) (129,079) (14,863,283) (200,075) ETF Shares	Investor Shares					
Redeemed¹ (27,895,689) (365,845) (25,048,279) (342,517) Net Increase (Decrease)—Investor Shares (11,200,923) (129,079) (14,863,283) (200,075) ETF Shares Issued 50,514,859 305,434 25,747,266 171,544 Issued in Lieu of Cash Distributions — — — — Redeemed (17,667,610) (110,500) (10,707,779) (71,400) Net Increase (Decrease)—ETF Shares 32,847,249 194,934 15,039,487 100,144 Admiral Shares Issued¹ 32,397,184 424,606 37,798,017 521,571 Issued in Lieu of Cash Distributions 3,371,979 44,445 3,668,017 49,584 Redeemed (58,820,005) (749,884) (27,813,734) (383,118) Net Increase (Decrease)—Admiral Shares (23,050,842) (280,833) 13,652,300 188,037 Institutional Shares 27,070,393 360,889 18,127,281 253,986 Issued in Lieu of Cash Distributions 2,476,296 32,636 2,526,249 34,162	Issued	14,516,361	207,934	7,749,732	109,431	
Net Increase (Decrease)—Investor Shares (11,200,923) (129,079) (14,863,283) (200,075) ETF Shares Issued 50,514,859 305,434 25,747,266 171,544 Issued in Lieu of Cash Distributions — — — — Redeemed (17,667,610) (110,500) (10,707,779) (71,400) Net Increase (Decrease)—ETF Shares 32,847,249 194,934 15,039,487 100,144 Admiral Shares Issued¹ 32,397,184 424,606 37,798,017 521,571 Issued in Lieu of Cash Distributions 3,371,979 44,445 3,668,017 49,584 Redeemed (58,820,005) (749,884) (27,813,734) (383,118) Net Increase (Decrease)—Admiral Shares (23,050,842) (280,833) 13,652,300 188,037 Institutional Shares 27,070,393 360,889 18,127,281 253,986 Issued in Lieu of Cash Distributions 2,476,296 32,636 2,526,249 34,162 Redeemed (31,348,875) (403,732) (16,389,814) (Issued in Lieu of Cash Distributions	2,178,405	28,832	2,435,264	33,011	
Sessivable Solution Solutio	Redeemed ¹	(27,895,689)	(365,845)	(25,048,279)	(342,517)	
Issued in Lieu of Cash Distributions	Net Increase (Decrease)—Investor Shares	(11,200,923)	(129,079)	(14,863,283)	(200,075)	
Redeemed (17,667,610) (110,500) (10,707,779) (71,400) Net Increase (Decrease)—ETF Shares 32,847,249 194,934 15,039,487 100,144 Admiral Shares	ETF Shares					
Redeemed (17,667,610) (110,500) (10,707,779) (71,400) Net Increase (Decrease)—ETF Shares 32,847,249 194,934 15,039,487 100,144 Admiral Shares	Issued	50,514,859	305,434	25,747,266	171,544	
Net Increase (Decrease)—ETF Shares 32,847,249 194,934 15,039,487 100,144 Admiral Shares Issued¹ 32,397,184 424,606 37,798,017 521,571 Issued in Lieu of Cash Distributions 3,371,979 44,445 3,668,017 49,584 Redeemed (58,820,005) (749,884) (27,813,734) (383,118) Net Increase (Decrease)—Admiral Shares (23,050,842) (280,833) 13,652,300 188,037 Institutional Shares 27,070,393 360,889 18,127,281 253,986 Issued in Lieu of Cash Distributions 2,476,296 32,636 2,526,249 34,162 Redeemed (31,348,875) (403,732) (16,389,814) (225,625) Net Increase (Decrease)—Institutional Shares (1,802,186) (10,207) 4,263,716 62,523 Institutional Plus Shares 28,455,775 204,305 23,108,140 173,405 Issued in Lieu of Cash Distributions 3,238,183 22,739 3,223,646 23,230 Redeemed (30,452,535) (212,599) (13,903,892)	Issued in Lieu of Cash Distributions	_	_	_	_	
Admiral Shares Issued¹ 32,397,184 424,606 37,798,017 521,571 Issued in Lieu of Cash Distributions 3,371,979 44,445 3,668,017 49,584 Redeemed (58,820,005) (749,884) (27,813,734) (383,118) Net Increase (Decrease)—Admiral Shares (23,050,842) (280,833) 13,652,300 188,037 Institutional Shares 8 8 18,127,281 253,986 Issued in Lieu of Cash Distributions 2,476,296 32,636 2,526,249 34,162 Redeemed (31,348,875) (403,732) (16,389,814) (225,625) Net Increase (Decrease)—Institutional Shares (1,802,186) (10,207) 4,263,716 62,523 Institutional Plus Shares 28,455,775 204,305 23,108,140 173,405 Issued in Lieu of Cash Distributions 3,238,183 22,739 3,223,646 23,230 Redeemed (30,452,535) (212,599) (13,903,892) (102,224) Net Increase (Decrease)—Institutional Plus Shares 1,241,423 14,445 12	Redeemed	(17,667,610)	(110,500)	(10,707,779)	(71,400)	
Ssued in Lieu of Cash Distributions 32,397,184 424,606 37,798,017 521,571	Net Increase (Decrease)—ETF Shares	32,847,249	194,934	15,039,487	100,144	
Issued in Lieu of Cash Distributions 3,371,979 44,445 3,668,017 49,584 Redeemed (58,820,005) (749,884) (27,813,734) (383,118) Net Increase (Decrease)—Admiral Shares (23,050,842) (280,833) 13,652,300 188,037 Institutional Shares 27,070,393 360,889 18,127,281 253,986 Issued in Lieu of Cash Distributions 2,476,296 32,636 2,526,249 34,162 Redeemed (31,348,875) (403,732) (16,389,814) (225,625) Net Increase (Decrease)—Institutional Shares (1,802,186) (10,207) 4,263,716 62,523 Institutional Plus Shares 28,455,775 204,305 23,108,140 173,405 Issued in Lieu of Cash Distributions 3,238,183 22,739 3,223,646 23,230 Redeemed (30,452,535) (212,599) (13,903,892) (102,224) Net Increase (Decrease)—Institutional Plus Shares 1,241,423 14,445 12,427,894 94,411 Institutional Select Shares 15,638,742 96,623 3,339,486 23,22	Admiral Shares					
Redeemed (58,820,005) (749,884) (27,813,734) (383,118) Net Increase (Decrease)—Admiral Shares (23,050,842) (280,833) 13,652,300 188,037 Institutional Shares Issued 27,070,393 360,889 18,127,281 253,986 Issued in Lieu of Cash Distributions 2,476,296 32,636 2,526,249 34,162 Redeemed (31,348,875) (403,732) (16,389,814) (225,625) Net Increase (Decrease)—Institutional Shares (1,802,186) (10,207) 4,263,716 62,523 Institutional Plus Shares 28,455,775 204,305 23,108,140 173,405 Issued in Lieu of Cash Distributions 3,238,183 22,739 3,223,646 23,230 Redeemed (30,452,535) (212,599) (13,903,892) (102,224) Net Increase (Decrease)—Institutional Plus Shares 1,241,423 14,445 12,427,894 94,411 Institutional Select Shares 15,638,742 96,623 3,339,486 23,224 Issued in Lieu of Cash Distributions 503,956 3,296 467,850 <td>Issued¹</td> <td>32,397,184</td> <td>424,606</td> <td>37,798,017</td> <td>521,571</td>	Issued ¹	32,397,184	424,606	37,798,017	521,571	
Net Increase (Decrease)—Admiral Shares (23,050,842) (280,833) 13,652,300 188,037 Institutional Shares Institutional Shares Issued 27,070,393 360,889 18,127,281 253,986 Issued in Lieu of Cash Distributions 2,476,296 32,636 2,526,249 34,162 Redeemed (31,348,875) (403,732) (16,389,814) (225,625) Net Increase (Decrease)—Institutional Shares (1,802,186) (10,207) 4,263,716 62,523 Institutional Plus Shares 28,455,775 204,305 23,108,140 173,405 Issued in Lieu of Cash Distributions 3,238,183 22,739 3,223,646 23,230 Redeemed (30,452,535) (212,599) (13,903,892) (102,224) Net Increase (Decrease)—Institutional Plus Shares 1,241,423 14,445 12,427,894 94,411 Institutional Select Shares 15,638,742 96,623 3,339,486 23,224 Issued in Lieu of Cash Distributions 503,956 3,296 467,850 3,217 Redeemed (4,693,4	Issued in Lieu of Cash Distributions	3,371,979	44,445	3,668,017	49,584	
Institutional Shares 27,070,393 360,889 18,127,281 253,986 Issued in Lieu of Cash Distributions 2,476,296 32,636 2,526,249 34,162 Redeemed (31,348,875) (403,732) (16,389,814) (225,625) Net Increase (Decrease)—Institutional Shares (1,802,186) (10,207) 4,263,716 62,523 Institutional Plus Shares 28,455,775 204,305 23,108,140 173,405 Issued in Lieu of Cash Distributions 3,238,183 22,739 3,223,646 23,230 Redeemed (30,452,535) (212,599) (13,903,892) (102,224) Net Increase (Decrease)—Institutional Plus Shares 1,241,423 14,445 12,427,894 94,411 Institutional Select Shares 15,638,742 96,623 3,339,486 23,224 Issued in Lieu of Cash Distributions 503,956 3,296 467,850 3,217 Redeemed (4,693,431) (30,863) (3,446,207) (23,715)	Redeemed	(58,820,005)	(749,884)	(27,813,734)	(383,118)	
Issued 27,070,393 360,889 18,127,281 253,986 Issued in Lieu of Cash Distributions 2,476,296 32,636 2,526,249 34,162 Redeemed (31,348,875) (403,732) (16,389,814) (225,625) Net Increase (Decrease)—Institutional Shares (1,802,186) (10,207) 4,263,716 62,523 Institutional Plus Shares 8 28,455,775 204,305 23,108,140 173,405 Issued in Lieu of Cash Distributions 3,238,183 22,739 3,223,646 23,230 Redeemed (30,452,535) (212,599) (13,903,892) (102,224) Net Increase (Decrease)—Institutional Plus Shares 1,241,423 14,445 12,427,894 94,411 Institutional Select Shares 15,638,742 96,623 3,339,486 23,224 Issued in Lieu of Cash Distributions 503,956 3,296 467,850 3,217 Redeemed (4,693,431) (30,863) (3,446,207) (23,715)	Net Increase (Decrease)—Admiral Shares	(23,050,842)	(280,833)	13,652,300	188,037	
Issued in Lieu of Cash Distributions 2,476,296 32,636 2,526,249 34,162 Redeemed (31,348,875) (403,732) (16,389,814) (225,625) Net Increase (Decrease)—Institutional Shares (1,802,186) (10,207) 4,263,716 62,523 Institutional Plus Shares 28,455,775 204,305 23,108,140 173,405 Issued in Lieu of Cash Distributions 3,238,183 22,739 3,223,646 23,230 Redeemed (30,452,535) (212,599) (13,903,892) (102,224) Net Increase (Decrease)—Institutional Plus Shares 1,241,423 14,445 12,427,894 94,411 Institutional Select Shares 15,638,742 96,623 3,339,486 23,224 Issued in Lieu of Cash Distributions 503,956 3,296 467,850 3,217 Redeemed (4,693,431) (30,863) (3,446,207) (23,715)	Institutional Shares					
Redeemed (31,348,875) (403,732) (16,389,814) (225,625) Net Increase (Decrease)—Institutional Shares (1,802,186) (10,207) 4,263,716 62,523 Institutional Plus Shares 28,455,775 204,305 23,108,140 173,405 Issued in Lieu of Cash Distributions 3,238,183 22,739 3,223,646 23,230 Redeemed (30,452,535) (212,599) (13,903,892) (102,224) Net Increase (Decrease)—Institutional Plus Shares 1,241,423 14,445 12,427,894 94,411 Institutional Select Shares 15,638,742 96,623 3,339,486 23,224 Issued in Lieu of Cash Distributions 503,956 3,296 467,850 3,217 Redeemed (4,693,431) (30,863) (3,446,207) (23,715)	Issued	27,070,393	360,889	18,127,281	253,986	
Net Increase (Decrease)—Institutional Shares (1,802,186) (10,207) 4,263,716 62,523 Institutional Plus Shares 28,455,775 204,305 23,108,140 173,405 Issued in Lieu of Cash Distributions 3,238,183 22,739 3,223,646 23,230 Redeemed (30,452,535) (212,599) (13,903,892) (102,224) Net Increase (Decrease)—Institutional Plus Shares 1,241,423 14,445 12,427,894 94,411 Institutional Select Shares 15,638,742 96,623 3,339,486 23,224 Issued in Lieu of Cash Distributions 503,956 3,296 467,850 3,217 Redeemed (4,693,431) (30,863) (3,446,207) (23,715)	Issued in Lieu of Cash Distributions	2,476,296	32,636	2,526,249	34,162	
Institutional Plus Shares Issued 28,455,775 204,305 23,108,140 173,405 Issued in Lieu of Cash Distributions 3,238,183 22,739 3,223,646 23,230 Redeemed (30,452,535) (212,599) (13,903,892) (102,224) Net Increase (Decrease)—Institutional Plus Shares 1,241,423 14,445 12,427,894 94,411 Institutional Select Shares Issued 15,638,742 96,623 3,339,486 23,224 Issued in Lieu of Cash Distributions 503,956 3,296 467,850 3,217 Redeemed (4,693,431) (30,863) (3,446,207) (23,715)	Redeemed	(31,348,875)	(403,732)	(16,389,814)	(225,625)	
Issued 28,455,775 204,305 23,108,140 173,405 Issued in Lieu of Cash Distributions 3,238,183 22,739 3,223,646 23,230 Redeemed (30,452,535) (212,599) (13,903,892) (102,224) Net Increase (Decrease)—Institutional Plus Shares 1,241,423 14,445 12,427,894 94,411 Institutional Select Shares Issued 15,638,742 96,623 3,339,486 23,224 Issued in Lieu of Cash Distributions 503,956 3,296 467,850 3,217 Redeemed (4,693,431) (30,863) (3,446,207) (23,715)	Net Increase (Decrease)—Institutional Shares	(1,802,186)	(10,207)	4,263,716	62,523	
Issued in Lieu of Cash Distributions 3,238,183 22,739 3,223,646 23,230 Redeemed (30,452,535) (212,599) (13,903,892) (102,224) Net Increase (Decrease)—Institutional Plus Shares 1,241,423 14,445 12,427,894 94,411 Institutional Select Shares 15,638,742 96,623 3,339,486 23,224 Issued in Lieu of Cash Distributions 503,956 3,296 467,850 3,217 Redeemed (4,693,431) (30,863) (3,446,207) (23,715)	Institutional Plus Shares					
Redeemed (30,452,535) (212,599) (13,903,892) (102,224) Net Increase (Decrease)—Institutional Plus Shares 1,241,423 14,445 12,427,894 94,411 Institutional Select Shares Issued 15,638,742 96,623 3,339,486 23,224 Issued in Lieu of Cash Distributions 503,956 3,296 467,850 3,217 Redeemed (4,693,431) (30,863) (3,446,207) (23,715)	Issued	28,455,775	204,305	23,108,140	173,405	
Net Increase (Decrease)—Institutional Plus Shares 1,241,423 14,445 12,427,894 94,411 Institutional Select Shares Issued 15,638,742 96,623 3,339,486 23,224 Issued in Lieu of Cash Distributions 503,956 3,296 467,850 3,217 Redeemed (4,693,431) (30,863) (3,446,207) (23,715)	Issued in Lieu of Cash Distributions	3,238,183	22,739	3,223,646	23,230	
Institutional Select Shares Issued 15,638,742 96,623 3,339,486 23,224 Issued in Lieu of Cash Distributions 503,956 3,296 467,850 3,217 Redeemed (4,693,431) (30,863) (3,446,207) (23,715)	Redeemed	(30,452,535)	(212,599)	(13,903,892)	(102,224)	
Issued 15,638,742 96,623 3,339,486 23,224 Issued in Lieu of Cash Distributions 503,956 3,296 467,850 3,217 Redeemed (4,693,431) (30,863) (3,446,207) (23,715)	Net Increase (Decrease)—Institutional Plus Shares	1,241,423	14,445	12,427,894	94,411	
Issued in Lieu of Cash Distributions 503,956 3,296 467,850 3,217 Redeemed (4,693,431) (30,863) (3,446,207) (23,715)	Institutional Select Shares					
Redeemed (4,693,431) (30,863) (3,446,207) (23,715)	Issued	15,638,742	96,623	3,339,486	23,224	
	Issued in Lieu of Cash Distributions	503,956	3,296	467,850	3,217	
Net Increase (Decrease)—Institutional Select Shares 11,449,267 69,056 361,129 2,726	Redeemed	(4,693,431)	(30,863)	(3,446,207)	(23,715)	
	Net Increase (Decrease)—Institutional Select Shares	11,449,267	69,056	361,129	2,726	

¹ In November 2018, the fund announced changes to the availability and minimum investment criteria of the Investor and Admiral share classes. As a result, all of the outstanding Investor Shares automatically converted to Admiral Shares beginning in April 2019, with the exception of those held by Vanguard funds and certain other institutional investors. Investor Shares—Redeemed and Admiral Shares—Issued include 153,030,000 and 152,973,000 shares, respectively, in the amount of \$11,326,553,000 from the conversion during the year ended December 31, 2019.

G. Certain of the fund's investments are in companies that are considered to be affiliated companies of the fund because the fund owns more than 5% of the outstanding voting securities of the company or the issuer is another member of The Vanguard Group. Transactions during the period in securities of these companies were as follows:

		Current Period Transaction				d Transactions		
	Dec. 31, 2019 Market Value	at Cost	Securities Sold ¹	(Loss)	Change in Unrealized App. (Dep.)		Received	Dec. 31, 2020 Market Value
180 Life Sciences Corp.	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)	(\$000)
Amtech Systems Inc.	NA ²	3,823	1,555	(427)	(110)	_	_	NA ³
Atlantic Power Corp.	NA ²	8,319	9,778	(2,520)	192		_	NA ³
Avenue Therapeutics Inc.	NA ²	6,450	1,271	(210)	(1,028)		_	4,991
Bluerock Residential Growth REIT Inc.	NA ²	11,257	7,543	(4,400)	899	496	_	NАз
ChannelAdvisor Corp.	NA ²	3,734	12,213	2,211	7,269	_	_	NA³
Cherry Hill Mortgage Investment Corp.	NA ²	5,282	6,438	(3,980)	(1,385)	744	_	NA ³
Cidara Therapeutics Inc.	NA ²	6,451	2,246	(1,564)	(1,704)	_	_	NA ³
Clearfield Inc.	NA ²	8,674	10,869	2,184	4,209	_		NАз
Computer Task Group Inc.	3,867	723	1,744	107	879	_	_	NA ³
Condor Hospitality Trust Inc.	NA ²	6,679	1,613	(5,336)	(1,398)	_	_	NA ³
Consolidated- Tomoka Land Co.	NA ²	8,079	103	71	(2,303)	143	_	NA ⁴
CTO Realty Growth Inc.	NA ⁴	1,883	6,324	(4,563)	499	1,796	_	NA ³
CyberOptics Corp.	NA ²	14,432	13,183	(1,022)	964		_	NA ³
Dare Bioscience Inc.	_	2,952	_	_	666	_	_	3,618
Electromed Inc.	NA ²	6,135	4,468	(1,713)	209			NA ³
Exantas Capital Corp.	NA ²	3,224	3,000	(6,328)	(1,147)	_	_	NA ³
Genasys Inc.	NA ²	5,405	8,484	2,492	3,252			NA ³
Gevo Inc.	NA ²	7,452	5,645	(3)	9,163	_		NA3

		Current Period Transactions						
	Dec. 31, 2019 Market Value (\$000)	Purchases at Cost (\$000)	Proceeds from Securities Sold ¹ (\$000)	Realized Net Gain (Loss) (\$000)	Change in Unrealized App. (Dep.) (\$000)	Income (\$000)	Capital Gain Distributions Received (\$000)	Dec. 31, 2020 Market Value (\$000)
Gladstone Land Corp.	NA ²	14,644	16,626	1,743	1,019	333	_	NA³
GlobalSCAPE Inc	. NA ²	7,406	10,683	2,186	(2,288)		_	
Great Ajax Corp.	23,995	7,220	15,591	(7,546)	(1,744)	729	_	NA ³
Hurco Cos. Inc.	NA ²	4,965	5,580	(1,715)	(734)	132	_	NA ³
Issuer Direct Corp.	NA ²	2,888	3,222	1,178	864	_	_	NA ³
KVH Industries Inc.	NA ²	6,758	5,209	(845)	619		_	NA³
Lifevantage Corp.	NA ²	12,979	5,198	(842)	(4,770)		_	8,536
LSI Industries Inc.	NA ²	4,644	5,756	1,000	2,003	230	_	NA ³
Magnite Inc.	NA ⁵	3,099	2,153	550	79,176	_	_	NАз
Ocugen Inc.	_	2,441	127	(36)	9,869	_	_	NΑ ³
Perma-Pipe International Holdings Inc.	4,362	114	108	(32)	(1,476)	_	_	2,860
Pulmatrix Inc.	_	2,439	_	_	(878)	_	_	NA ³
Pure Cycle Corp.	NA ²	18,294	12,376	(2,709)	(319)	_	_	NA3
Research Solutions Inc.	_	4,841	487	(24)	(295)	_	_	4,035
Rubicon Project Inc.	NA ²	1,535	509	(66)	(11,413)	_	_	NA ⁵
Safeguard Scientifics Inc.	11,504	952	3,411	(2,842)	(2,346)			NA ³
Spirit MTA REIT	2,191		1,752	325				NАз
Transcat Inc.	NA ²	8,313	10,761	161	432	_	_	NA ³
Vanguard Market Liquidity Fund	5,328,966	NA ₆	NA ₆	(1,701)	(49)	19,398	_	8,699,256
Wayside Technology		0.55-						
Group Inc.	NA ²	3,597	1,125	(84)	, , , ,	103		NA ₃
Total	5,374,885	221,078	197,151	(36,300)	86,640	24,104		8,726,215

¹ Does not include adjustments related to return of capital.

² Not applicable—at December 31, 2019, the issuer was not an affiliated company of the fund.

³ Not applicable—at December 31, 2020, the security was still held, but the issuer was no longer an affiliated company of the fund.

⁴ Not applicable—in May 2020, Consolidated-Tomoka Land Co. changed its name to CTO Realty Growth Inc.

⁵ Not applicable—in June 2020, Rubicon Project Inc. changed its name to Magnite Inc.

⁶ Not applicable—purchases and sales are for temporary cash investment purposes.

H. Management has determined that no events or transactions occurred subsequent to December 31, 2020, that would require recognition or disclosure in these financial statements.

Report of Independent Registered Public Accounting Firm

To the Board of Trustees of Vanguard Index Funds and Shareholders of Vanguard Total Stock Market Index Fund

Opinion on the Financial Statements

We have audited the accompanying statement of assets and liabilities, including the schedule of investments—investments summary of Vanguard Total Stock Market Index Fund (one of the funds constituting Vanguard Index Funds, referred to hereafter as the "Fund") as of December 31, 2020, the related statement of operations for the year ended December 31, 2020, the statement of changes in net assets for each of the two years in the period ended December 31, 2020, including the related notes, and the financial highlights for each of the periods indicated therein (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the financial position of the Fund as of December 31, 2020, the results of its operations for the year then ended, the changes in its net assets for each of the two years in the period ended December 31, 2020 and the financial highlights for each of the periods indicated therein in conformity with accounting principles generally accepted in the United States of America

Basis for Opinion

These financial statements are the responsibility of the Fund's management. Our responsibility is to express an opinion on the Fund's financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (PCAOB) and are required to be independent with respect to the Fund in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits of these financial statements in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud

Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. Our procedures included confirmation of securities owned as of December 31, 2020 by correspondence with the custodian and brokers and by agreement to the underlying ownership records of the transfer agent; when replies were not received from brokers, we performed other auditing procedures. We believe that our audits provide a reasonable basis for our opinion.

/s/PricewaterhouseCoopers LLP Philadelphia, Pennsylvania February 16, 2021

We have served as the auditor of one or more investment companies in The Vanguard Group of Funds since 1975.

Special 2020 tax information (unaudited) for Vanguard Total Stock Market Index Fund

This information for the fiscal year ended December 31, 2020, is included pursuant to provisions of the Internal Revenue Code

The fund distributed \$14,672,999,000 of qualified dividend income to shareholders during the fiscal year.

For corporate shareholders, 93.1% of investment income (dividend income plus short-term gains, if any) qualifies for the dividends-received deduction.

The fund distributed \$609,783,000 of qualified business income to shareholders during the fiscal year.

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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.

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 211 Vanguard funds.

Information for each trustee and executive officer of the fund appears below. That information, as well as the Vanguard fund count, is as of the date on the cover of this fund report. 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 Trustee¹

Mortimer J. Buckley

Born in 1969. Trustee since January 2018. Principal occupation(s) during the past five years and other experience: chairman of the board (2019-present) of Vanguard and of each of the investment companies served by Vanguard; chief executive officer (2018-present) of Vanguard; chief executive officer, president, and trustee (2018-present) of each of the investment companies served by Vanguard; president and director (2017-present) of Vanguard; and president (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) and trustee (2009-2017) of the Children's Hospital of Philadelphia; and trustee (2018-present) and vice chair (2019-present) of The Shipley School.

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. 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 Weslevan 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.

¹ Mr. Buckley is considered "interested person," as defined in the Investment Company Act of 1940, because he is an officer of the Vanquard funds.

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) and the Lumina Foundation. Director of the V Foundation. 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 (retired June 2020) and vice president (retired June 2020) 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 (retired June 2020). Member of the board of Catholic Investment Services, Inc. (investment advisors) and the board of superintendence of the Institute for the Works of Relicion.

Deanna Mulligan

Born in 1963. Trustee since January 2018. Principal occupation(s) during the past five years and other experience: board chair (2020-present), chief executive officer (2011-2020), and president (2010-2019) of The Guardian Life Insurance Company of America. Chief operating officer (2010-2011) and executive vice president (2008-2010) of the individual life and disability division of Guardian Life. Member of the board of the American Council of Life Insurers and the board of the Economic Club of New York. Trustee of the Partnership for New York City (business leadership), Chief Executives for Corporate Purpose, NewYork-Presbyterian Hospital, Catalyst, and the Bruce Museum (arts and science). Member of the Advisory Council for the Stanford Graduate School of Business.

André F. 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 co-managing partner of HighVista Strategies (private investment firm). Member of the board of advisors and member of the investment committee of the Museum of Fine Arts Boston. Member of the board (2018–present) of RIT Capital Partners (investment firm). Member of the investment committee of Partners Health Care System.

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 (2017–present) of i(x) Investments, LLC; director (2017–present) of Reserve Trust. Rubenstein Fellow (2017–present) of Duke University; trustee (2017–present) of Amherst College, and trustee (2019–present) of the Folger Shakespeare Library.

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

John Bendl

Born in 1970. Principal occupation(s) during the past five years and other experience: principal of Vanguard. Chief financial officer (2019–present) of each of the investment companies served by Vanguard. Chief accounting officer, treasurer, and controller of Vanguard (2017–present). Partner (2003–2016) at KPMG (audit, tax, and advisory services).

Christine M. Buchanan

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

David Cermak

Born in 1960. Principal occupation(s) during the past five years and other experience: principal of Vanguard. Finance director (2019–present) of each of the investment companies served by Vanguard. Managing director and head (2017–present) of Vanguard Investments Singapore. Managing director and head (2017–2019) of Vanguard Investments Hong Kong. Representative director and head (2014–2017) of Vanguard Investments Japan.

John Galloway

Born in 1973. Principal occupation(s) during the past five years and other experience: principal of Vanguard. Investment stewardship officer (September 2020–present) of each of the investment companies served by Vanguard. Head of Investor Advocacy (February 2020–present) and head of Marketing Strategy and Planning (2017–2020) at Vanguard. Deputy assistant to the President of the United States (2015).

Thomas J. Higgins

Born in 1957. Principal occupation(s) during the past five years and other experience: principal of Vanguard. Finance director (2019–present), chief financial officer (2008–2019), 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. 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.

John E. Schadl

Born in 1972. Principal occupation(s) during the past five years and other experience: principal of Vanguard. Chief compliance officer (2019–present) of Vanguard and of each of the investment companies served by Vanguard. Assistant vice president (2019–present) of Vanguard Marketing Corporation.

Vanguard Senior Management Team

Joseph Brennan Mortimer J. Buckley Gregory Davis John James John T. Marcante Chris D. McIsaac James M. Norris Thomas M. Rampulla Karin A. Risi Anne E. Robinson Michael Rollings Lauren Valente

Vanguard

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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, www.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 www.sec.gov.

You can review information about your fund on the SEC's website, and you can receive copies of this information, for a fee, by sending a request via email addressed to publicinfo@sec.gov.

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		Shares	Market Value (\$000)
Common Stocks (99.49%)			
Basic Materials (1.94%)			
Linde plc		14,777,165	3,893,931
Air Products and Chemical	s Inc.	6,230,854	1,702,394
Ecolab Inc.		7,239,170	1,566,267
Newmont Corp.		22,651,246	1,356,583
Dow Inc.		20,880,272	1,158,855
Freeport-McMoRan Inc.		40,973,917	1,066,141
Fastenal Co.		16,179,822	790,061
LyondellBasell Industries N	V Class A	7,052,116	646,397
International Paper Co.		11,127,129	553,241
Nucor Corp.		8,505,042	452,383
Albemarle Corp.		3,010,971	444,178
Celanese Corp. Class A		3,294,977	428,149
FMC Corp. Eastman Chemical Co.		3,662,057 3,811,572	420,880 382,224
Avery Dennison Corp.		2,348,958	364,347
International Flavors & Fraction	rances Inc	2,340,930	306,139
CF Industries Holdings Inc	,	5,999,282	232,232
Mosaic Co.		9,565,001	220,091
Scotts Miracle-Gro Co.		1,100,065	219,067
Reliance Steel & Aluminur) Co	1,801,597	215,741
Steel Dynamics Inc.	100.	5,671,437	209,106
Royal Gold Inc.		1,852,851	197,069
¹ Cleveland-Cliffs Inc.		11,313,914	164,731
Timken Co.		1,900,176	146,998
Huntsman Corp.		5,633,815	141,634
Ashland Global Holdings Ir	C.	1,727,891	136,849
Rexnord Corp.		3,223,966	127,314
Valvoline Inc.		5,250,942	121,507
* RBC Bearings Inc.		671,807	120,280
Chemours Co.		4,657,320	115,455
Hexcel Corp.		2,367,445	114,797
* Alcoa Corp.		4,944,650	113,974
Element Solutions Inc.		5,938,493	105,290
Avient Corp.		2,575,072	103,724
Balchem Corp.		898,735	103,552
W R Grace & Co.		1,875,748	102,829
Olin Corp.		4,039,182	99,202
Hecla Mining Co.		14,897,281	96,534
NewMarket Corp.		241,936	96,361
United States Steel Corp.		5,664,707	94,997
Quaker Chemical Corp.		374,756	94,959
* Univar Solutions Inc. UFP Industries Inc.		4,819,440	91,618
* Ingevity Corp.		1,619,445	89,960 87,764
Sensient Technologies Cor		1,158,907 1,180,682	87,099
* Arconic Corp.).	2,779,178	82,820
*,1 MP Materials Corp.		2,779,178	76,864
Westlake Chemical Corp.		897,005	70,004
Stepan Co.		582,223	69,471
Commercial Metals Co.		3,350,437	68,818
Cabot Corp.		1,515,071	67,996
* Coeur Mining Inc.		6,245,426	64,640
Innospec Inc.		676,973	61,422
Minerals Technologies Inc.		946,640	58,805
Compass Minerals Interna	ional Inc.	949,379	58,596
Boise Cascade Co.		1,100,533	52,605
Mueller Industries Inc.		1,450,142	50,915

			Market Value
		Shares	(\$000)
	Domtar Corp.	1,565,693	49,554
	Worthington Industries Inc.	954,578	49,008
	Kaiser Aluminum Corp.	420,366	41,574
*	GCP Applied Technologies Inc.	1,698,622	40,172
	Carpenter Technology Corp.	1,336,140	38,908
	Materion Corp.	572,530	36,482
	GrafTech International Ltd.	3,400,640	36,251
	Tronox Holdings plc Class A	2,384,397	34,860
	Schweitzer-Mauduit International Inc.	860,894	34,617
	Neenah Inc.	470,563	26,032
*,1	Amyris Inc.	4,050,469	25,012
*	Kraton Corp.	842,401	23,410
	Schnitzer Steel Industries Inc. Class A	719,394	22,956
	Glatfelter Corp.	1,245,180	20,396
*	Koppers Holdings Inc.	578,975	18,041
	PQ Group Holdings Inc.	1,190,958	16,983
*	Clearwater Paper Corp.	442,846	16,717
*,1	Energy Fuels Inc.	3,816,894	16,260
*	AdvanSix Inc.	776,505	15,522
*	Century Aluminum Co.	1,381,776	15,241
	Hawkins Inc.	283,208	14,815
	US Silica Holdings Inc.	2,082,063	14,616
	Tredegar Corp.	856,182	14,298
	American Vanguard Corp.	788,705	12,241
	Omega Flex Inc.	80,378	11,735
*	Verso Corp. Class A	903,514	10,860
*,1	Resolute Forest Products Inc.	1,577,451	10,317
, I *	Uranium Energy Corp.	5,767,169	10,150
	Rayonier Advanced Materials Inc.	1,471,279	9,593
*	FutureFuel Corp. Unifi Inc.	739,556 471,002	9,392 8,356
*,1	Hycroft Mining Holding Corp.	1,041,762	8,178
, .	Haynes International Inc.	334,002	7,963
*	Intrepid Potash Inc.	317,926	7,903
*	Gatos Silver Inc.	569,900	7,426
*	NN Inc.	1,071,678	7,041
*	Ryerson Holding Corp.	478,307	6,524
	Gold Resource Corp.	2,127,378	6,191
	Culp Inc.	364,281	5,781
	Eastern Co.	216,852	5,226
*	TimkenSteel Corp.	984,920	4,600
	Olympic Steel Inc.	302,343	4,030
*,1	Ur-Energy Inc.	4,663,358	3,736
*,1	Golden Minerals Co.	4,693,586	3,567
*,1	Marrone Bio Innovations Inc.	2,590,345	3,238
	Northern Technologies International Corp.	240,001	2,534
*	Synalloy Corp.	283,958	2,215
*	LSB Industries Inc.	644,293	2,184
*	Universal Stainless & Alloy Products Inc.	278,310	2,082
*,1	Ampco-Pittsburgh Corp.	357,448	1,959
	United-Guardian Inc.	71,737	1,024
	Friedman Industries Inc.	129,003	885
*,2	Fortitude Gold Corp.	607,822	638
*	AgroFresh Solutions Inc.	231,250	525
*	CPS Technologies Corp.	109,990	306
	Chicago Rivet & Machine Co.	11,238	257
*	Hycroft Mining Holding Corp. Warrants Exp. 10/06/2025	155,000	242
*,1	US Gold Corp.	14,205	235
*	Flexible Solutions International Inc.	86,857	216
*,1	United States Antimony Corp.	409,122	214
	NL Industries Inc.	29,666	142

			Market Value
		Shares	(\$000)
*	Paramount Gold Nevada Corp.	65,976	77
*	Solitario Zinc Corp.	107,374	60
*,2	Partners LP CVR	61,021	12
Cons	sumer Discretionary (16.55%)		20,970,407
*	Amazon.com Inc.	12,021,587	39,153,467
*	Tesla Inc.	21,373,005	15,082,288
*	Walt Disney Co.	50,934,403	9,228,295
*	Home Depot Inc.	30,337,348	8,058,206
	Netflix Inc. Walmart Inc.	12,456,771	6,735,750
	NIKE Inc. Class B	39,940,405 35,313,135	5,757,409 4,995,749
	Costco Wholesale Corp.	12,440,675	4,687,398
	McDonald's Corp.	21,003,423	4,506,915
	Starbucks Corp.	33,090,821	3,540,056
	Lowe's Cos. Inc.	20,649,509	3,314,453
*	Booking Holdings Inc.	1,154,857	2,572,178
	Target Corp.	14,116,776	2,492,034
	TJX Cos. Inc.	30,415,443	2,077,071
	Activision Blizzard Inc.	21,819,663	2,025,956
*	Uber Technologies Inc.	32,266,475	1,645,590
	Estee Lauder Cos. Inc. Class A	5,729,406	1,525,111
	Dollar General Corp.	7,024,907	1,477,338
	General Motors Co. Ross Stores Inc.	34,309,754 10,035,406	1,428,658
	Electronic Arts Inc.	8,175,754	1,232,448 1,174,038
*	Lululemon Athletica Inc.	3,347,073	1,164,882
*	Chipotle Mexican Grill Inc. Class A	789,769	1,095,181
*	Peloton Interactive Inc. Class A	6,841,644	1,038,014
	Aptiv plc	7,615,099	992,171
	Ford Motor Co.	110,144,951	968,174
*	Trade Desk Inc. Class A	1,180,865	945,873
	eBay Inc.	18,497,996	929,524
*	O'Reilly Automotive Inc.	2,042,168	924,224
	Yum! Brands Inc.	8,506,592	923,476
	Marriott International Inc. Class A	6,861,709	905,197
	Hilton Worldwide Holdings Inc. Southwest Airlines Co.	7,825,086	870,619
*	AutoZone Inc.	16,696,587 653,906	778,228 775,166
*	Copart Inc.	5,978,504	760,765
	VF Corp.	8,815,427	752,926
	Delta Air Lines Inc.	18,001,787	723,852
*	Dollar Tree Inc.	6,635,970	716,950
	DR Horton Inc.	9,790,950	674,792
*	Take-Two Interactive Software Inc.	3,233,592	671,908
	Best Buy Co. Inc.	6,584,811	657,098
	Las Vegas Sands Corp.	10,757,773	641,163
*	Etsy Inc.	3,552,540	632,032
	Lennar Corp. Class A	7,607,419	579,914
	ViacomCBS Inc. Class B Garmin Ltd.	15,398,353	573,743
	Expedia Group Inc.	4,290,873 3,827,687	513,446 506,786
*	Burlington Stores Inc.	1,863,651	487,438
*	Carvana Co. Class A	1,988,300	476,277
	Tractor Supply Co.	3,286,284	461,986
	Tiffany & Co.	3,422,966	449,949
*,1	Wayfair Inc. Class A	1,948,639	440,022
	Darden Restaurants Inc.	3,666,278	436,727
*	CarMax Inc.	4,617,909	436,208
*	Ulta Beauty Inc.	1,505,986	432,459

			Market
		Shares	Value (\$000)
	Domino's Pizza Inc.	1,112,360	426,546
*	Caesars Entertainment Inc.	5,569,410	413,640
*	NVR Inc.	99,350	405,334
	Genuine Parts Co.	4,020,585	403,787
	Pool Corp.	1,078,957	401,911
	Royal Caribbean Cruises Ltd.	5,358,412	400,220
	Omnicom Group Inc.	6,054,020	377,589
	MGM Resorts International	11,775,262	371,039
*,1	DraftKings Inc. Class A	7,743,659	360,545
*	Penn National Gaming Inc.	4,155,331	358,896
*	United Airlines Holdings Inc.	8,279,952	358,108
	Hasbro Inc.	3,661,705	342,516
*	Lyft Inc. Class A	6,945,794	341,247
	Carnival Corp.	15,655,781	339,104
	Fortune Brands Home & Security Inc.	3,928,286	336,733
	Whirlpool Corp.	1,768,017	319,109
	Vail Resorts Inc.	1,135,493	316,757
	PulteGroup Inc.	7,235,306	311,986
^	Chegg Inc.	3,440,663	310,795
	Wynn Resorts Ltd.	2,732,196	308,274
*	Advance Auto Parts Inc.	1,915,881	301,770
*	Bright Horizons Family Solutions Inc.	1,711,502	296,073
*	Live Nation Entertainment Inc.	3,982,964	292,668
*	Zynga Inc. Class A Five Below Inc.	28,967,284 1,581,601	285,907 276,749
	Aramark	7,096,432	273,071
	Lear Corp.	1,699,357	270,249
	BorgWarner Inc.	6,879,526	265,825
	Fox Corp. Class A	8,955,578	260,786
	Interpublic Group of Cos. Inc.	11,049,538	259,885
*	Floor & Decor Holdings Inc. Class A	2,787,281	258,799
*	LKQ Corp.	7,329,536	258,293
*	IAA Inc.	3,798,796	246,846
	News Corp. Class A	13,679,487	245,820
1	American Airlines Group Inc.	15,569,717	245,534
	Tapestry Inc.	7,834,345	243,491
	Rollins Inc.	6,212,913	242,739
	Gentex Corp.	6,980,962	236,864
	L Brands Inc.	6,295,425	234,127
	Newell Brands Inc.	10,814,393	229,590
	Service Corp. International	4,647,328	228,184
*,1	Norwegian Cruise Line Holdings Ltd.	8,952,171	227,654
*	Deckers Outdoor Corp.	792,398	227,244
*	Mohawk Industries Inc.	1,609,497	226,859
*	Liberty Media CorpLiberty Formula One Class C	5,280,515	224,950
	Williams-Sonoma Inc.	2,165,714	220,556
	New York Times Co. Class A	4,234,709	219,231
*	Discovery Inc. Class C	8,366,033	219,106
	Nielsen Holdings plc	10,126,228	211,334
*,1	Airbnb Inc. Class A	1,399,134	205,393
*	Lithia Motors Inc. Class A	698,278	204,365
*	SiteOne Landscape Supply Inc.	1,252,740	198,722
*	Liberty Media CorpLiberty SiriusXM Class C	4,524,823	196,875
	RH Churchill Downs Inc.	437,915	195,976
1	Churchill Downs Inc.	994,029	193,627
*	Sirius XM Holdings Inc. Terminix Global Holdings Inc.	30,097,848 3,722,489	191,723
	PVH Corp.	3,722,489 2,021,759	189,884 189,823
	Kohl's Corp.	2,021,759 4,481,880	182,368
	Alaska Air Group Inc.	3,491,722	181,570
*,1	Chewy Inc. Class A	1,995,812	179,404
	Onowy mo. Olass A	1,000,012	173,404

Capri Holdings Ltd				Market
Planet Fitness Inc. Class A 2,301,212 78,86 Mattel Inc. 9,859,817 72,00 Dolby Laboratories Inc. Class A 1,763,137 717,20 Colby Laboratories Inc. Class A 1,763,137 717,20 Gap Inc. 7,967,987 60,80 Gap Inc. 7,967,987 60,80 Harlov Davidson Inc. 1,157,739 158,80 Harlov Davidson Inc. 1,157,739 158,80 Polaris Inc. 1,157,739 158,80 Polaris Inc. 2,233,225 156,81 Wyndham Hottels & Pesorts Inc. 2,215,763 157,60 Wyndham Hottels & Pesorts Inc. 2,215,763 151,7 Tempur Seely International Inc. 2,215,763 151,7 Tempur Seely International Inc. 2,215,763 151,7 Tempur Seely International Inc. 3,908,092 145,66 Texts Roadhouse Inc. Class A 3,908,092 145,66 Texts Roadhouse Inc. Class A 4,967,071 143,4 Fox Corn. Class B 4,967,071 143,4 Hanesbrands Inc. 3,213,225 139,8 To Ill Brothers Inc. 3,213,225 139,8 To Ill Brothers Inc. 3,213,225 139,8 Seethers U.S.A. Inc. Class A 3,815,334 134,4 To Inclusitise Inc. 3,213,225 139,8 Seethers U.S.A. Inc. Class A 3,815,334 134,4 To Inclusitise Inc. 1,824,811 129,3 Digital furbine Inc. 1,924,813 129,3 D			Shares	Value (\$000)
Planet Fitness Inc. Class A 2,301,212 78,86 Mattel Inc. 9,859,817 72,00 Dolby Laboratories Inc. Class A 1,763,137 717,20 Colby Laboratories Inc. Class A 1,763,137 717,20 Gap Inc. 7,967,987 60,80 Gap Inc. 7,967,987 60,80 Harlov Davidson Inc. 1,157,739 158,80 Harlov Davidson Inc. 1,157,739 158,80 Polaris Inc. 1,157,739 158,80 Polaris Inc. 2,233,225 156,81 Wyndham Hottels & Pesorts Inc. 2,215,763 157,60 Wyndham Hottels & Pesorts Inc. 2,215,763 151,7 Tempur Seely International Inc. 2,215,763 151,7 Tempur Seely International Inc. 2,215,763 151,7 Tempur Seely International Inc. 3,908,092 145,66 Texts Roadhouse Inc. Class A 3,908,092 145,66 Texts Roadhouse Inc. Class A 4,967,071 143,4 Fox Corn. Class B 4,967,071 143,4 Hanesbrands Inc. 3,213,225 139,8 To Ill Brothers Inc. 3,213,225 139,8 To Ill Brothers Inc. 3,213,225 139,8 Seethers U.S.A. Inc. Class A 3,815,334 134,4 To Inclusitise Inc. 3,213,225 139,8 Seethers U.S.A. Inc. Class A 3,815,334 134,4 To Inclusitise Inc. 1,824,811 129,3 Digital furbine Inc. 1,924,813 129,3 D	*	Capri Holdings Ltd.	4,259,730	178,909
Dolly Laboratories Inc. Class A 1,763,137 717,2 Leggert & Piett Inc. 3,749,125 166,00 Gap Inc. 7,967,987 160,80 Gap Inc. 7,967,987 160,80 Marriott Vacations Worldwide Corp. 11,57,739 158,80 Polaris Inc. 1,157,739 158,80 Polaris Inc. 1,157,739 158,80 Polaris Inc. 2,215,396 157,60 Wyndham Hotels & Resorts Inc. 2,215,396 157,60 Wyndham Hotels & Resorts Inc. 2,215,396 156,60 YETI Holdings Inc. 2,215,396 154,60 YETI Holdings Inc. 5,558,082 150,00 S. B.J's Wholesale Club Holdings Inc. 3,908,092 145,60 Tease Resorthouse Inc. Class A 4,967,071 142,40 Toll Borthers Inc. 3,908,092 145,60 Tease Resorthouse Inc. Class A 4,967,071 142,40 Toll Borthers Inc. 3,808,291 145,60 Toll Borthers Inc. 1,488,597 180,11 Toll Inclustries Inc. 1,488,497 180,11	*	Planet Fitness Inc. Class A		178,643
Leggett & Platt Inc. 3,749,125 166,00 Gap Inc. 7,967,987 160,00 Harley-Davidson Inc. 4,339,429 159,21 Merritot't Vacation's Worldwide Corp. 1,157,739 158,84 Polaris Inc. 1,564,612 157,61 Wyndham Hotels & Resorts Inc. 2,2639,225 156,86 AutoNation Inc. 2,215,396 154,6 YETI Holdings Inc. 2,215,396 154,6 YETI Holdings Inc. 2,215,736 151,7 Tempur Sealy International Inc. 5,558,082 150,00 BJ's Wholesale Club Holdings Inc. 3,980,992 145,60 Texas Roadhouse Inc. Class A 1,857,464 145,17 Fox Corp. Class B 4,967,071 143,4 Hanesbrands Inc. 3,213,257 139,60 Toll Brothers Inc. 3,213,257 139,60 Seecher U.S.A. Inc. Class A 3,813,334 183,4 Thor Industriea Inc. 1,485,587 138,1 Ollie's Bargain Outlet Holdings Inc. 1,822,481 129,31 Nexstar Media Group Inc. Class A 1,825,281 129,31 Nexstar Media Group Inc. Class A 1,237,231 128,31 Jegital Turbine Inc. 2,275,912 128,77 Rajh Lauren Corp. Class A 1,237,231 128,31 Jegital Furbine Inc. 1,237,231 128,31 Grand Canyon Education Inc. 1,237,231 128	*			172,054
Gap Inc. 7,967,987 160,8 Harley-Davidson Inc. 4,339,429 159,2 Marriott Vacations Worldwide Corp. 1,157,739 158,8 Polaris Inc. 1,654,612 157,6 Wyndham Hotels & Resorts Inc. 2,639,225 156,8 AutoNation Inc. 2,215,783 151,6 YETI Holdings Inc. 5,558,082 150,0 BJ S Wholesale Club Holdings Inc. 3,008,092 150,0 BJ S Wholesale Club Holdings Inc. 3,308,092 145,0 Fox Corp. Class A 1,857,464 145,1 Fox Corp. Class A 1,857,464 145,1 Fox Corp. Class A 1,857,464 145,1 Fox Corp. Class A 4,600,886 138,4 **In Discovery Inc. Class A 4,600,886 138,4 **In Discovery Inc. Class A 4,600,886 138,4 **In Discovery Inc. Class A 1,852,881 138,1 **In Discovery Inc. Class A 1,852,881 129,3 **Nexters Media Group Inc. Class A 1,852,881 129,3 **Digital Truthine Inc. 1,85				171,253
Harley Davidson Inc.				166,086
Marriott Wacations Worldwide Corp. 1,167,739 158,8 Polaris Inc. 1,167,739 158,8 Wyndham Hotels & Resorts Inc. 1,166,4 2,215,396 154,6 3,215,396 154,6 3,215,396 154,6 3,215,396 154,6 3,215,396 154,6 3,215,396 154,6 3,215,396 154,6 3,215,396 154,6 3,215,396 154,6 3,215,396 154,6 3,215,396 154,6 3,215,396 154,6 3,215,396 154,6 3,215,396 154,6 3,215,396 154,6 3,215,396 154,6 3,215,396 154,6 3,215,396 150,00 3,215,396 143,4 467,071 143,4 477,071 143,4		·		
Polaris Inc.				
Wyndham Hotels & Resorts Inc. 2,839,275 156,8 AutoNation Inc. 2,215,396 154,6 YEIT Holdings Inc. 2,215,763 151,7 Tempur Sealy International Inc. 3,900,902 145,85 Braxas Roadhouse Inc. Class A 1,857,464 145,17 Fox Corp. Class B 4,967,071 143,47 Hansesbrands Inc. 3,213,257 198,68 Toll Brothers Inc. 3,213,257 198,68 Toll Brothers Inc. 3,213,257 198,68 Skechers U.S.A. Inc. Class A 4,600,885 138,4 Discovery Inc. Class A 4,600,885 138,4 Thor Industries Inc. 3,251,334 138,1 Oille's Bargain Outet Holdings Inc. 1,485,587 138,1 Nexts Media Group Inc. Class A 1,184,582 129,3 Digital Turbine Inc. 2,275,912 128,7 Raiph Lauren Corp. Class A 1,132,243 14,0 Grand Carryon Education Inc. 1,237,231 128,3 JattBlue Airways Corp. 1,172,258 124,0 Grad Carryon Education Inc. </td <td></td> <td></td> <td></td> <td></td>				
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YETI Holdings Inc. 5,215,763 151,77 Tempur Sealy International Inc. 5,558,082 150,00 B J's Wholesale Club Holdings Inc. 3,908,092 145,60 Texas Roadhouse Inc. Class A 1,857,464 145,11 Fox Corp. Class B 4,967,071 143,4 Hanesbrands Inc. 3,213,257 139,60 Toll Brothers Inc. 3,213,257 139,60 Skehers U.S.A. Inc. Class A 4,600,885 138,4 Thor Industries Inc. 1,485,587 138,1 Ollie's Bargain Outlet Holdings Inc. 1,582,481 129,33 Nexstar Media Group Inc. Class A 1,1,145,532 129,33 Digital Turbine Inc. 1,237,231 128,33 Balb Lauren Corp. Class A 1,237,231 128,33 JetBlue Airways Corp. 8,743,417 127,13 Grand Canyon Education Inc. 1,332,423 1240,00 Fox Factory Holding Corp. 1,173,258 124,00 Fox Factory Holding Corp. 1,173,258 124,00 Grant Retail Inc. Class A 10,970,495 120,3	*			154,612
Tempur Sealy International Inc. 5,558,082 150,00 B J's Wholesale Club Holdings Inc. 3,908,092 145,61 Fexas Roadhouse Inc. Class A 1,857,464 145,17 Fox Corp. Class B 4,967,071 143,44 Hanesbrands Inc. 9,836,291 143,4 Toil Brothers Inc. 3,213,257 139,66 S Kechers U.S.A. Inc. Class A 4,600,885 138,4 S Kechers U.S.A. Inc. Class A 4,600,885 138,4 Thor Industries Inc. 1,485,587 138,1 Wexstar Media Group Inc. Class A 1,184,532 129,3 Nexstar Media Group Inc. Class A 1,184,532 129,3 Jet Blue Airways Corp. 8,743,417 127,1 Grand Canyon Education Inc. 1,132,2423 124,0 Fox Factory Holding Corp. 1,173,258 124,0 for Indoor Inc. 2,266,347 110,970,495 120,3 Carter's Inc. 2,966,347 119,9 120,3 Fox Locker Inc. 2,966,347 119,9 120,3 Carter's Inc. 1,912,40 111	*			151,713
B B's Wholesale Club Holdings Inc. 3,908,092 145,68 Texas Roadhouse Inc. Class A 1,857,464 145,11 Fox Corp. Class B 4,967,071 143,44 Hanesbrands Inc. 9,836,291 143,4 Toll Brothers Inc. 3,213,257 139,68 Skebers U.S.A. Inc. Class A 4,600,885 138,4 Thor Industries Inc. 1,485,587 138,1 Oille's Bergain Outlet Holdings Inc. 1,582,481 129,33 Nexters Media Group Inc. Class A 1,582,481 129,33 Digital Turbine Inc. 2,275,912 128,73 Rajb Lauren Corp. Class A 1,237,221 128,73 Digital Turbine Inc. 2,275,912 128,73 Rajb Lauren Corp. Class A 1,237,221 128,73 JetBlue Airways Corp. 8,743,417 127,12 Fox Factory Holding Corp. 1,173,258 124,00 Carter's Inc. 2,966,347 119,91 Carter's	*			150,068
Fox Corp. Class B	*		3,908,092	145,694
Hanesbrands Inc.		Texas Roadhouse Inc. Class A	1,857,464	145,179
Toll Brothers Inc. 3,213,257 139,68 3,1 Discovery Inc. Class A 4,600,885 138,4 Skechers U.S.A. Inc. Class A 3,651,334 138,4 Thor Industries Inc. 1,485,587 138,1 Ollie's Bargain Outlet Holdings Inc. 1,582,481 129,33 Nexstar Media Group Inc. Class A 1,184,532 129,33 Digital Turbine Inc. 2,275,912 128,77 Ralph Lauren Corp. Class A 1,237,231 128,33 JetBlue Airways Corp. 8,743,417 127,12 Grand Canyon Education Inc. 1,332,423 124,00 Fox Factory Holding Corp. 1,173,258 124,00 frontdoor Inc. 2,240,089 121,5 Quirate Retail Inc. Class A 10,970,495 120,3 Foot Locker Inc. 2,966,347 119,99 Carter's Inc. 1,234,203 116,11 Carter's Inc. 2,966,347 119,99 Wingstop Inc. 835,616 110,76 Wendy's Co. 5,045,151 110,55 Choice Hotels International Inc. 1,234,203 116,11 Wingstop Inc. 8,807,081		Fox Corp. Class B		143,449
1.1 Discovery Inc. Class A 4,600,885 138,4 2 Skechers U.S.A. Inc. Class A 3,811,334 138,4 3 Thor Industries Inc. 1,485,587 138,1 4 Ollie's Bargain Outlet Holdings Inc. 1,582,481 129,3 5 Digital Turbine Inc. 2,275,912 128,7 8 Algebra A. Inc. 2,275,912 128,7 8 JetBlue Airways Corp. 8,743,417 127,1 6 Grand Canyon Education Inc. 1,173,258 124,00 7 Fox Factory Holding Corp. 1,173,258 124,00 9 Fort Locker Inc. 2,266,347 119,91 1 Corces Inc. 1,234,203 116,11 6 Corter's Inc. 1,234,203 116,11 7 Cross Inc. 1,234,203 116,11 8 AMERCO 246,046 111,6 Wingstop Inc. 835,616 110,7 Wendy's Co. 2,286,347 110,53 Wyndham Destinations Inc. 2,399,784				143,413
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Thor Industries Inc. 1,485,587 138,1 Ollie's Bargain Outlet Holdings Inc. 1,582,481 129,3 Nexstar Media Group Inc. Class A 1,184,532 129,3 Digital Turbine Inc. 2,275,912 128,7 Ralph Lauren Corp. Class A 1,237,231 128,3 JettBlue Airways Corp. 8,743,417 127,1 Grand Canyon Education Inc. 1,332,423 124,00 Fox Factory Holding Corp. 1,173,258 124,00 frontdoor Inc. 2,420,089 121,5 Qurate Retail Inc. Class A 10,970,495 120,3 Foot Locker Inc. 2,966,347 119,99 Carter's Inc. 1,234,203 116,11 Crocs Inc. 1,813,156 113,61 AMERCO 246,046 111,65 Wingstop Inc. 835,616 110,76 Wendy's Co. 5,045,151 110,55 Choice Hotels International Inc. 1,010,933 107,88 Wyndham Destinations Inc. 2,399,784 107,66 Sabre Corp. 8,807,081 105,88 <td>*,1</td> <td></td> <td></td> <td></td>	*,1			
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Nexstar Media Group Inc. Class A 1,184,522 129,33 Digital Turbine Inc. 2,275,912 128,73 Ralph Lauren Corp. Class A 1,237,231 128,33 JetBlue Airways Corp. 8,743,417 127,13 Grand Canyon Education Inc. 1,332,423 124,00 Fox Factory Holding Corp. 1,173,258 124,00 frontdoor Inc. 2,240,089 121,5 Qurate Retail Inc. Class A 10,970,495 120,3 Fox Locker Inc. 2,966,347 119,9 Carter's Inc. 1,234,203 116,10 Croes Inc. 1,813,156 113,6 AMERCO 246,046 111,6 Wingstop Inc. 5,045,151 110,76 Wendy's Co. 5,045,151 110,76 Choice Hotels International Inc. 1,010,933 107,88 Wyndham Destinations Inc. 2,399,784 107,61 Sabre Corp. 8,807,081 105,64 PROG Holdings Inc. 2,269,814 102,81 Murphy USA Inc. 696,426 99,42 Liberty Media CorpLiberty SiriusXM Class A 2,288,937 98,81	*			
Digital Turbine Inc. 2,275,912 128,77 Ralph Lauren Corp. Class A 1,237,231 128,73 JetBlue Airways Corp. 8,743,417 127,11 Grand Canyon Education Inc. 1,332,423 124,00 Fox Factory Holding Corp. 1,173,258 124,00 forflotdoor Inc. 2,420,089 121,50 Qurate Retail Inc. Class A 10,970,495 120,30 Foot Locker Inc. 2,966,347 119,90 Carter's Inc. 1,234,203 116,11 Corces Inc. 1,813,156 113,6 AMERICO 246,046 111,60 Wingstop Inc. 835,616 110,76 Wyndham Destinations Inc. 1,010,933 107,80 Sabre Corp. 8,807,081 105,88 PROG Holdings Inc. 1,922,454 103,56 National Vision Holdings Inc. 2,269,814 102,56 National Vision Holdings Inc. 696,426 99,42 Liberty Media CorpLiberty Sirius XM Class A 2,289,937 98,87 Macy's Inc. 8,718,534 98,01				
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** JetBlue Airways Corp. 8,743,417 127,12 ** Grand Canyon Education Inc. 1,332,423 124,00 ** Fox Factory Holding Corp. 1,173,258 124,00 ** frontdoor Inc. 2,420,089 121,57 Ourate Retail Inc. Class A 10,970,495 120,34 Foot Locker Inc. 2,966,347 119,90 Carter's Inc. 1,234,203 116,11 *** Cross Inc. 1,813,156 113,61 AMERCO 246,046 111,60 Wendy's Co. 246,046 111,60 Choice Hotels International Inc. 1,010,933 107,81 Wyndham Destinations Inc. 5,045,151 110,50 Sabre Corp. 8,807,081 105,80 PROG Holdings Inc. 1,922,454 103,51 **National Vision Holdings Inc. 2,289,814 102,80 **Nutrous Holdings Inc. 760,496 99,57 **All Liberty Media CorpLiberty Sirius XM Class A 2,288,937 98,80 **Visteon Corp. 786,597 98,77 **Madison Square Garden Sports Corp. 58,80 97,31				
** Grand Canyon Education Inc. 1,332,423 124,00 ** Fox Factory Holding Corp. 1,173,258 124,00 ** frontdoor Inc. 2,420,089 121,50 Qurate Retail Inc. Class A 10,970,495 120,33 Foot Locker Inc. 2,966,347 119,90 Carter's Inc. 1,813,156 113,61 ** AMERCO 1,813,156 111,61 Wingstop Inc. 3835,616 110,70 Wendy's Co. 5,045,151 110,50 Choice Hotels International Inc. 1,010,933 107,81 Wyndham Destinations Inc. 2,399,784 107,61 Sabre Corp. 8,807,081 105,81 *** National Vision Holdings Inc. 2,269,814 102,81 *** National Vision Holdings Inc. 2,269,814 102,81 *** National Vision Inc. 2,269,814 102,81 *** Liberty Media CorpLiberty Sirius XM Class A 2,288,937 98,75 *** Liberty Media CorpLiberty Sirius XM Class A 3,127,113 97,50 *** Madison Square Garden Sports Corp. 52,8623 97,3 *** Madison Square Garden Sp	*			127,129
** Fox Factory Holding Corp. 1,173,258 124,00 ** frontdoor Inc. 2,420,089 121,5 ** Curate Retail Inc. Class A 10,970,495 120,3 Foot Locker Inc. 2,966,347 119,98 Carter's Inc. 1,234,203 116,10 ** Cross Inc. 1,813,156 113,66 AMERCO 246,046 111,68 Wingstop Inc. 835,616 110,76 Wendy's Co. 5,045,151 110,53 Choice Hotels International Inc. 1,010,933 107,88 Wyndham Destinations Inc. 2,399,784 107,68 Sabre Corp. 8,807,081 105,88 PROG Holdings Inc. 1,922,454 103,56 Murphy USA Inc. 2,269,814 102,88 Cardlytics Inc. 696,426 99,42 Liberty Media CorpLiberty SiriusXM Class A 2,288,937 98,88 Visteon Corp. 786,597 98,73 Madison Square Garden Sports Corp. 528,623 97,3 Madison Square Garden Sports Corp.	*			124,062
** frontdoor Inc. 2,420,089 121,5 Ourate Retail Inc. Class A 10,970,495 120,3 Foot Locker Inc. 2,966,347 119,98 Carter's Inc. 1,234,203 1116,16 ****Cross Inc. 1,813,156 113,6 AMERCO 246,046 111,65 Wingstop Inc. 835,616 110,70 Wendy's Co. 5,045,151 110,53 Choice Hotels International Inc. 1,010,933 107,83 Wyndham Destinations Inc. 2,399,784 107,63 Sabre Corp. 8,807,081 105,86 PROG Holdings Inc. 1,922,454 103,51 National Vision Holdings Inc. 2,269,814 102,8 Murphy USA Inc. 760,496 99,52 Cardlytics Inc. 696,426 99,42 Liberty Media CorpLiberty SiriusXM Class A 2,288,937 98,87 Visteon Corp. 786,597 98,73 Macy's Inc. 8,718,534 98,00 Nordstrom Inc. 3,127,113 97,55 Stitch Fix Inc. Class A 1,623,277 95,37 Stitch Fix In	*			124,025
Foot Locker Inc. 2,966,347 119,98 Carter's Inc. 1,234,203 116,14 * Crocs Inc. 1,813,156 113,6 AMERCO 246,046 111,6 Wingstop Inc. 835,616 110,76 Wendy's Co. 5,045,151 110,55 Choice Hotels International Inc. 1,010,933 107,81 Wyndham Destinations Inc. 2,399,784 107,61 Sabre Corp. 8,807,081 105,81 PROG Holdings Inc. 1,922,454 103,56 National Vision Holdings Inc. 2,269,814 102,81 Murphy USA Inc. 760,496 99,52 * Cardlytics Inc. 696,426 99,42 * Liberty Media CorpLiberty SiriusXM Class A 2,288,937 98,83 * Visteon Corp. 786,597 98,73 * Macy's Inc. 8,718,534 98,00 * Macy's Inc. 5,28,623 97,3 * Stamps.com Inc. 487,994 95,74 * Stitch Fix Inc. Class A 1,623,277 95,3 * Styles on Corp. 2,208,424 94,76 * Boyd Gaming Corp. 2,	*			121,513
Carter's Inc. 1,234,203 110,10 **** Crocs Inc. 1,813,156 113,6° AMERCO 246,046 111,6° Wingstop Inc. 835,616 110,7° Wendy's Co. 5,045,151 110,5° Choice Hotels International Inc. 1,010,933 107,8° Wyndham Destinations Inc. 2,399,784 107,6° Sabre Corp. 8,807,081 105,8° PROG Holdings Inc. 1,922,454 103,5° ** National Vision Holdings Inc. 2,269,814 102,8° ** Murphy USA Inc. 760,496 99,5° ** Cardlytics Inc. 696,426 99,4° ** Liberty Media CorpLiberty SiriusXM Class A 2,288,937 98,8° ** Visteon Corp. 786,597 98,7° ** Macy's Inc. 8,718,534 98,0° ** Macy's Inc. 8,718,534 98,0° ** Streen Corp. 528,623 97,3° ** Stamps.com Inc. 487,994 95,7° ** Stitch Fix Inc. Class A 1,623,277 95,3° ** Boyd Gaming Corp. 2,208,424 94,7° ** Scientific Gam		Qurate Retail Inc. Class A	10,970,495	120,346
** Crocs Inc. 1,813,156 113,6° AMERCO 246,046 111,6° Wingstop Inc. 335,616 110,76° Wendy's Co. 5,045,151 110,76° Choice Hotels International Inc. 1,010,933 107,8° Wyndham Destinations Inc. 2,399,784 107,6° Sabre Corp. 8,807,081 105,8° PROG Holdings Inc. 1,922,454 103,5° National Vision Holdings Inc. 1,922,454 103,5° Murphy USA Inc. 760,496 99,5° ** Cardlytics Inc. 696,426 99,4° ** Liberty Media CorpLiberty SiriusXM Class A 2,288,937 98,8° ** Visteon Corp. 786,597 98,7° ** Macy's Inc. 8,718,534 98,0° ** Macy's Inc. 8,718,534 98,0° ** Madison Square Garden Sports Corp. 528,623 97,3° ** Stamps.com Inc. 487,994 95,7° ** Stamps.com Inc. 487,994 95,7° ** Boyd Gaming Corp. 2,208,424 94,7° ** Boyd Gaming Corp. 2,208,424 94,7° ** Sc				119,959
AMERCO 246,046 111,65 Wingstop Inc. 835,616 110,76 Wendy's Co. 5,045,151 110,51 Choice Hotels International Inc. 1,010,933 107,85 Wyndham Destinations Inc. 2,399,784 107,65 Sabre Corp. 8,807,081 105,81 PROG Holdings Inc. 1,922,454 103,56 National Vision Holdings Inc. 2,269,814 102,86 Murphy USA Inc. 696,426 99,42 Cardlytics Inc. 696,426 99,42 Liberty Media CorpLiberty SiriusXM Class A 2,288,937 98,87 Visteon Corp. 786,597 98,72 Macy's Inc. 8,718,534 98,06 Nordstrom Inc. 8,718,534 98,06 Madison Square Garden Sports Corp. 8,718,534 98,06 Madison Square Garden Sports Corp. 528,623 97,3' Stitch Fix Inc. Class A 1,623,277 95,3' Stitch Fix Inc. Class A 2,208,424 94,70 Boyd Gaming Corp. 2,208,424 94,70 Scientific Games Corp. 2,208,424 94,70 <td></td> <td></td> <td></td> <td>116,101</td>				116,101
Wingstop Inc. 835,616 110,76 Wendy's Co. 5,045,151 110,53 Choice Hotels International Inc. 1,010,933 107,85 Wyndham Destinations Inc. 2,399,784 107,61 Sabre Corp. 8,807,081 105,86 PROG Holdings Inc. 1,922,454 103,56 National Vision Holdings Inc. 2,269,814 102,86 Murphy USA Inc. 696,426 99,42 Cardlytics Inc. 696,426 99,42 Liberty Media CorpLiberty SiriusXM Class A 2,288,937 98,83 Visteon Corp. 786,597 98,73 Macy's Inc. 8,718,534 98,01 Nordstrom Inc. 8,718,534 98,01 Nadison Square Garden Sports Corp. 528,623 97,33 Stamps.com Inc. 487,994 95,74 Stitch Fix Inc. Class A 1,623,277 95,3 Boyd Gaming Corp. 2,208,424 94,76 Scientific Games Corp. 2,274,774 94,36	*			113,612
Wendy's Co. 5,045,151 110,55 Choice Hotels International Inc. 1,010,933 107,85 Wyndham Destinations Inc. 2,399,784 107,61 Sabre Corp. 8,807,081 105,81 PROG Holdings Inc. 1,922,454 103,56 National Vision Holdings Inc. 2,269,814 102,80 Murphy USA Inc. 760,496 99,52 ** Cardlytics Inc. 696,426 99,42 ** Liberty Media CorpLiberty SiriusXM Class A 2,288,937 98,83 ** Visteon Corp. 786,597 98,73 ** Macy's Inc. 8,718,534 98,00 ** Nordstrom Inc. 8,718,534 98,00 ** Nadison Square Garden Sports Corp. 528,623 97,33 ** Stamps.com Inc. 487,994 95,74 ** Stitch Fix Inc. Class A 1,623,277 95,33 ** Stitch Fix Inc. Class A 1,623,277 95,33 ** Scientific Games Corp. 2,208,424 94,78 ** Scientific Games Corp. 2,274,774 94,38				
Choice Hotels International Inc. 1,010,933 107,83 Wyndham Destinations Inc. 2,399,784 107,63 Sabre Corp. 8,807,081 105,80 PROG Holdings Inc. 1,922,454 103,50 * National Vision Holdings Inc. 2,269,814 102,80 Murphy USA Inc. 760,496 99,52 * Cardlytics Inc. 696,426 99,42 * Liberty Media CorpLiberty SiriusXM Class A 2,288,937 98,83 * Visteon Corp. 786,597 98,73 * Macy's Inc. 8,718,534 98,03 * Nordstrom Inc. 8,718,534 98,03 * Madison Square Garden Sports Corp. 528,623 97,3 * Stamps.com Inc. 487,994 95,7 * Stitch Fix Inc. Class A 1,623,277 95,3 * Boyd Gaming Corp. 2,208,424 94,78 * Scientific Games Corp. 2,274,774 94,88			•	,
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PROG Holdings Inc. 1,922,454 103,56 National Vision Holdings Inc. 2,269,814 102,80 Murphy USA Inc. 760,496 99,52 * Cardlytics Inc. 696,426 99,42 * Liberty Media CorpLiberty SiriusXM Class A 2,288,937 98,80 * Visteon Corp. 786,597 98,73 1 Macy's Inc. 8,718,534 98,00 1 Nordstrom Inc. 3,127,113 97,50 * Madison Square Garden Sports Corp. 528,623 97,31 * Stamps.com Inc. 487,994 95,74 * Stitch Fix Inc. Class A 1,623,277 95,31 * Boyd Gaming Corp. 2,208,424 94,78 * Scientific Games Corp. 2,274,774 94,38		/		105,861
National Vision Holdings Inc. 2,269,814 102,86 Murphy USA Inc. 760,496 99,52 ** Cardlytics Inc. 696,426 99,42 ** Liberty Media CorpLiberty SiriusXM Class A 2,288,937 98,88 * Visteon Corp. 786,597 98,73 * Macy's Inc. 8,718,534 98,00 * Nordstrom Inc. 3,127,113 97,50 * Madison Square Garden Sports Corp. 528,623 97,31 * Stamps.com Inc. 487,994 95,74 * Stitch Fix Inc. Class A 1,623,277 95,31 * Boyd Gaming Corp. 2,208,424 94,78 * Scientific Games Corp. 2,274,774 94,38				103,563
*** Cardlytics Inc. 696,426 99,42 ** Liberty Media CorpLiberty SiriusXM Class A 2,288,937 98,88 ** Visteon Corp. 786,597 98,73 1 Macy's Inc. 8,718,534 98,08 1 Nordstrom Inc. 3,127,113 97,58 ** Madison Square Garden Sports Corp. 528,623 97,33 ** Stamps.com Inc. 487,994 95,74 **.1 Stitch Fix Inc. Class A 1,623,277 95,33 ** Boyd Gaming Corp. 2,208,424 94,78 ** Scientific Games Corp. 2,274,774 94,38	*	<u> </u>		102,800
Liberty Media CorpLiberty SiriusXM Class A 2,288,937 98,88 Visteon Corp. 786,597 98,73 Macy's Inc. 8,718,534 98,08 Nordstrom Inc. 3,127,113 97,58 Madison Square Garden Sports Corp. 528,623 97,33 Stamps.com Inc. 487,994 95,74 Stitch Fix Inc. Class A 1,623,277 95,33 Boyd Gaming Corp. 2,208,424 94,78 Scientific Games Corp. 2,274,774 94,38		Murphy USA Inc.	760,496	99,526
** Visteon Corp. 786,597 98,73 1 Macy's Inc. 8,718,534 98,00 1 Nordstrom Inc. 3,127,113 97,50 * Madison Square Garden Sports Corp. 528,623 97,31 * Stamps.com Inc. 487,994 95,74 *.1 Stitch Fix Inc. Class A 1,623,277 95,31 * Boyd Gaming Corp. 2,208,424 94,76 * Scientific Games Corp. 2,274,774 94,36	*	,		99,429
1 Macy's Inc. 8,718,534 98,00 1 Nordstrom Inc. 3,127,113 97,50 * Madison Square Garden Sports Corp. 528,623 97,3 * Stamps.com Inc. 487,994 95,74 *.1 Stitch Fix Inc. Class A 1,623,277 95,3 * Boyd Gaming Corp. 2,208,424 94,78 * Scientific Games Corp. 2,274,774 94,38	*	·		98,859
1 Nordstrom Inc. 3,127,113 97,50 * Madison Square Garden Sports Corp. 528,623 97,3 * Stamps.com Inc. 487,994 95,74 *.1 Stitch Fix Inc. Class A 1,623,277 95,3 * Boyd Gaming Corp. 2,208,424 94,78 * Scientific Games Corp. 2,274,774 94,38	*	·		98,734
* Madison Square Garden Sports Corp. 528,623 97,3' * Stamps.com Inc. 487,994 95,74 * Stitch Fix Inc. Class A 1,623,277 95,3' * Boyd Gaming Corp. 2,208,424 94,78 * Scientific Games Corp. 2,274,774 94,38	1			98,084
** Stamps.com Inc. 487,994 95,74 ** Stitch Fix Inc. Class A 1,623,277 95,31 * Boyd Gaming Corp. 2,208,424 94,78 * Scientific Games Corp. 2,274,774 94,38	*			97,597
*.1 Stitch Fix Inc. Class A 1,623,277 95,3 * Boyd Gaming Corp. 2,208,424 94,78 * Scientific Games Corp. 2,274,774 94,38	*	·		
* Boyd Gaming Corp. 2,208,424 94,78 * Scientific Games Corp. 2,274,774 94,38	*.1			
* Scientific Games Corp. 2,274,774 94,38	*			94,786
·	*	, , , , , , , , , , , , , , , , , , , ,		94,380
¹ Dick's Sporting Goods Inc. 1,673,110 94,04	1			94,046
	*			89,644
	*			89,248
		Cracker Barrel Old Country Store Inc.		88,440
* Meritage Homes Corp. 1,061,898 87,94	*	Meritage Homes Corp.	1,061,898	87,946
				87,495
	*			86,822
	*			86,719
* Under Armour Inc. Class C 5,815,850 86,54	^	Under Armour Inc. Class C	5,815,850	86,540

			Market Value
		Shares	(\$000)
	H&R Block Inc.	5,455,515	86,524
	TEGNA Inc.	6,152,695	85,830
1	American Eagle Outfitters Inc.	4,228,287	84,862
	KB Home	2,440,497	81,805
	Hyatt Hotels Corp. Class A	1,087,674	80,760
	Dana Inc.	4,084,317	79,726
	Six Flags Entertainment Corp.	2,284,154	77,890
	Columbia Sportswear Co.	886,751	77,484
	Steven Madden Ltd.	2,184,030	77,140
*	2U Inc.	1,915,469	76,638
_	Asbury Automotive Group Inc.	518,452	75,559
•	Hilton Grand Vacations Inc.	2,370,887	74,327
	Papa John's International Inc.	875,731	74,306
	Allegiant Travel Co. Class A	382,071	72,303
	Brinker International Inc. Wolverine World Wide Inc.	1,271,902	71,951 70,988
	Goodyear Tire & Rubber Co.	2,271,613 6,496,020	70,966 70,872
*	Sonos Inc.	3,008,787	70,872 70,376
*	TripAdvisor Inc.	2,428,531	69,893
	MDC Holdings Inc.	1,410,832	68,566
	KAR Auction Services Inc.	3,670,934	68,316
*	Dorman Products Inc.	770,212	66,870
	Extended Stay America Inc.	4,484,368	66,413
*	LGI Homes Inc.	626,348	66,299
*,1	Spirit Airlines Inc.	2,709,800	66,255
*	Selectquote Inc.	3,181,874	66,024
	Strategic Education Inc.	682,668	65,079
	Callaway Golf Co.	2,688,812	64,558
	Group 1 Automotive Inc.	487,855	63,977
*	TRI Pointe Group Inc.	3,691,721	63,682
*,1	iRobot Corp.	787,307	63,213
	World Wrestling Entertainment Inc. Class A	1,309,635	62,928
*	Sleep Number Corp.	746,125	61,078
	Coty Inc. Class A	8,693,139	61,026
1	Bed Bath & Beyond Inc.	3,421,873	60,772
1	Kontoor Brands Inc.	1,450,807	58,845
*	Gentherm Inc.	897,159	58,513
	Graham Holdings Co. Class B	109,231	58,262
*	Madison Square Garden Entertainment Corp.	548,123	57,575
	CooperTire & Rubber Co.	1,397,576	56,602
	Rush Enterprises Inc. Class A	1,363,749	56,486
	Jack in the Box Inc.	608,467	56,466
* 1	Herman Miller Inc.	1,667,660	56,367
*,1	Lordstown Motors Corp.	2,788,423	55,936
* 1	Rent-A-Center Inc.	1,441,898	55,210
*,1	Overstock.com Inc.	1,146,592	55,002
	Winnebago Industries Inc.	912,064	54,669
	SkyWest Inc.	1,327,926 1,161,308	53,529
	John Wiley & Sons Inc. Class A Penske Automotive Group Inc.		53,025
	PriceSmart Inc.	889,778 578,417	52,844
*	Avis Budget Group Inc.	1,381,625	52,688 51,535
*,1	Fisker Inc.	3,474,753	50,905
1	Cinemark Holdings Inc.	2,840,579	49,454
	La-Z-Boy Inc.	1,206,599	48,071
	Big Lots Inc.	1,106,527	47,503
	Monro Inc.	885,480	47,196
*	Knowles Corp.	2,558,335	47,150
*	Fitbit Inc. Class A	6,858,298	46,636
*	Adtalem Global Education Inc.	1,361,995	46,240
*	SeaWorld Entertainment Inc.	1,447,591	45,729
	Oddfford Entortalimont inc.	1,777,001	70,720

			Market Value
		Shares	(\$000)
	Red Rock Resorts Inc. Class A	1,800,844	45,093
*	Skyline Champion Corp.	1,416,242	43,819
	Bloomin' Brands Inc.	2,240,711	43,515
*	Laureate Education Inc. Class A	2,984,761	43,458
*	ODP Corp.	1,480,702	43,385
1	Cheesecake Factory Inc.	1,167,529	43,269
*	Tupperware Brands Corp.	1,311,353	42,475
*	Urban Outfitters Inc.	1,654,032	42,343
*	Purple Innovation Inc. Class A	1,284,701	42,318
	Sally Beauty Holdings Inc. HNI Corp.	3,205,450 1,193,671	41,799 41,134
1	Sinclair Broadcast Group Inc. Class A	1,193,671	40,997
*	Gray Television Inc.	2,252,734	40,301
*	Cavoo Industries Inc.	229,135	40,202
	Lennar Corp. Class B	648,635	39,696
*	Vista Outdoor Inc.	1,632,089	38,778
	Signet Jewelers Ltd.	1,413,664	38,551
*	Century Communities Inc.	839,810	36,767
*	Glu Mobile Inc.	4,060,308	36,583
1	Dave & Buster's Entertainment Inc.	1,213,973	36,443
*	Central Garden & Pet Co. Class A	992,916	36,073
	Acushnet Holdings Corp.	882,148	35,762
*	Malibu Boats Inc. Class A	572,253	35,731
	Abercrombie & Fitch Co. Class A	1,750,394	35,638
*	M/I Homes Inc.	797,841	35,336
*,1	Leslie's Inc.	1,266,927	35,157
*	Boot Barn Holdings Inc.	805,330	34,919
*	Liberty Media CorpLiberty Formula One Class A	904,016	34,344
*	Everi Holdings Inc.	2,397,092	33,104
*	WW International Inc.	1,344,315	32,801
	RealReal Inc.	1,675,163	32,733
^	elf Beauty Inc.	1,275,940	32,141
	Levi Strauss & Co. Class A	1,590,303	31,933
*	Sturm Ruger & Co. Inc.	484,091	31,500
	Lions Gate Entertainment Corp. Class B Franchise Group Inc.	3,026,507 1,002,341	31,415 30,521
*,1	Michaels Cos. Inc.	2,332,510	30,321
,	Steelcase Inc. Class A	2,214,943	30,012
	Inter Parfums Inc.	489,094	29,585
*	GoPro Inc. Class A	3,483,023	28,839
*	Clean Energy Fuels Corp.	3,635,516	28,575
	Oxford Industries Inc.	432,678	28,345
*	QuinStreet Inc.	1,308,938	28,064
*,1	Blink Charging Co.	656,249	28,055
	Camping World Holdings Inc. Class A	1,074,686	27,996
*	At Home Group Inc.	1,806,374	27,927
*,1	GameStop Corp. Class A	1,468,071	27,658
*	G-III Apparel Group Ltd.	1,144,804	27,178
*	Liberty Media CorpLiberty Braves Class C	1,081,046	26,896
	Smith & Wesson Brands Inc.	1,478,393	26,241
*,1	AMC Networks Inc. Class A	730,637	26,135
	Dine Brands Global Inc.	448,345	26,004
*	American Axle & Manufacturing Holdings Inc.	3,088,340	25,757
	Matthews International Corp. Class A	861,296	25,322
	Guess? Inc.	1,117,403	25,276
*	Denny's Corp.	1,683,805	24,718
*	XPEL Inc.	475,181	24,500
*	ANGI Homeservices Inc. Class A	1,853,176	24,453
*	Stride Inc.	1,117,538	23,725
	Buckle Inc.	812,243	23,717
	Sonic Automotive Inc. Class A	606,670	23,399

			Market Value
		Shares	(\$000)
*	Lumber Liquidators Holdings Inc.	760,493	23,378
*	Perdoceo Education Corp.	1,823,384	23,029
	EW Scripps Co. Class A	1,496,598	22,883
	BJ's Restaurants Inc.	593,420	22,841
	Viad Corp.	619,368	22,403
*	Stoneridge Inc.	733,434	22,172
	Hawaiian Holdings Inc.	1,243,129	22,003
*	iHeartMedia Inc. Class A	1,687,431	21,903
*	Revolve Group Inc.	700,390	21,831
	Standard Motor Products Inc.	525,331	21,255
*	Bally's Corp.	422,966	21,246
	Knoll Inc.	1,432,991	21,036
•	Zumiez Inc.	571,366	21,015
	Meredith Corp.	1,094,218	21,009
*	Cars.com Inc.	1,847,897	20,881
*	Monarch Casino & Resort Inc.	338,128	20,700
*	Hibbett Sports Inc.	446,969	20,641
* 1	Sportsman's Warehouse Holdings Inc.	1,152,575	20,228
*,1	Children's Place Inc.	396,401	19,860
*	1-800-Flowers.com Inc. Class A	756,947	19,681
*	MarineMax Inc.	555,974	19,476
*	Lions Gate Entertainment Corp. Class A	1,701,155	19,342
*	Quotient Technology Inc.	1,997,079	18,812
*	America's Car-Mart Inc.	166,782	18,319
*,1	Aaron's Co. Inc. Party City Holdco Inc.	952,070 2,916,520	18,051 17,937
,.	Collectors Universe Inc.	231,029	17,937
	Interface Inc. Class A	1,634,050	17,420
*	MSG Networks Inc. Class A	1,151,362	16,971
	Ruth's Hospitality Group Inc.	929,707	16,484
*	Universal Electronics Inc.	314,017	16,473
	Johnson Outdoors Inc. Class A	145,465	16,384
*	Central Garden & Pet Co.	408,108	15,757
*	Accel Entertainment Inc. Class A	1,529,835	15,451
*	Chuy's Holdings Inc.	581,022	15,391
	Caleres Inc.	982,611	15,378
	Carriage Services Inc. Class A	480,870	15,061
*	Lindblad Expeditions Holdings Inc.	860,255	14,728
	Systemax Inc.	406,954	14,606
*	Clear Channel Outdoor Holdings Inc.	8,807,806	14,533
*	Green Brick Partners Inc.	621,983	14,281
*	Cooper-Standard Holdings Inc.	410,812	14,243
*	Nautilus Inc.	783,725	14,217
*,1	Eastman Kodak Co.	1,742,697	14,186
	News Corp. Class B	780,705	13,873
	Designer Brands Inc. Class A	1,806,081	13,817
*,1	Corsair Gaming Inc.	376,770	13,647
	Ethan Allen Interiors Inc.	674,790	13,638
*	Tenneco Inc. Class A	1,285,463	13,626
*	American Public Education Inc.	437,390	13,332
	Citi Trends Inc.	263,803	13,106
	National Presto Industries Inc.	147,534	13,046
*	MasterCraft Boat Holdings Inc.	519,305	12,900
	Scholastic Corp.	511,497	12,787
	Winmark Corp.	68,739	12,772
*	Lovesac Co.	287,099	12,371
	Genesco Inc.	406,983	12,246
•	TravelCenters of America Inc.	374,644	12,213
* 1	Kimball International Inc. Class B	1,021,478	12,207
*,1 *	Vuzix Corp.	1,340,720	12,174
	Beazer Homes USA Inc.	803,129	12,167

			Market
		Shares	Value (\$000)
*,1	CarParts.com Inc.	952,131	11,797
*,1	Gannett Co. Inc.	3,492,858	11,736
*	Motorcar Parts of America Inc.	591,085	11,597
*,1	Akoustis Technologies Inc.	942,033	11,521
*	Fossil Group Inc.	1,319,759	11,442
	Haverty Furniture Cos. Inc.	407,684	11,281
*	Golden Entertainment Inc.	549,486	10,929
*	Liquidity Services Inc.	682,762	10,863
*	Houghton Mifflin Harcourt Co.	3,182,276	10,597
*	Shift Technologies Inc.	1,252,500	10,358
*	Daily Journal Corp.	25,566	10,329
	RCI Hospitality Holdings Inc.	261,636	10,319
*	Boston Omaha Corp. Class A	372,076	10,288
*	Noodles & Co. Class A	1,289,303	10,185
*	El Pollo Loco Holdings Inc.	545,864	9,880
	Hooker Furniture Corp.	300,311	9,685
*,1	Academy Sports & Outdoors Inc.	456,677	9,467
*	Turtle Beach Corp.	433,561	9,343
*	American Outdoor Brands Inc.	545,009	9,281
	Shoe Carnival Inc.	228,088	8,936
*	Red Robin Gourmet Burgers Inc.	446,746	8,591
	Clarus Corp.	552,740	8,512
1	Dillard's Inc. Class A	131,326	8,280
*	Liberty TripAdvisor Holdings Inc. Class A	1,859,898	8,072
*,1	Arcimoto Inc.	585,788	7,750
	Entercom Communications Corp. Class A	3,073,948	7,593
*	Movado Group Inc.	449,538	7,471
*	Del Taco Restaurants Inc.	813,495	7,370
*	Liberty Media CorpLiberty Braves Class A	293,755	7,306
	Flexsteel Industries Inc.	208,316	7,285
_	Aspen Group Inc.	639,232	7,115
•	Regis Corp.	771,450	7,090
*	Marcus Corp.	524,112	7,065
*,1	VOXX International Corp. Class A	539,481	6,884
, 1	Container Store Group Inc.	719,981	6,869
	Superior Group of Cos. Inc.	289,079	6,718
*	Rocky Brands Inc.	236,904	6,650
	OneWater Marine Inc. Class A Escalade Inc.	223,647	6,506
	National CineMedia Inc.	303,117 1,678,395	6,417 6,244
	Tilly's Inc. Class A	761,453	6,244
*	Carrols Restaurant Group Inc.	984,550	6,183
*,1	Kirkland's Inc.	345,642	6,180
*	Mesa Air Group Inc.	906,914	6,067
*	Fiesta Restaurant Group Inc.	531,186	6,056
*,1	Lakeland Industries Inc.	221,517	6,036
*	Lands' End Inc.	276,211	5,958
	Strattec Security Corp.	120,586	5,952
	Chico's FAS Inc.	3,738,238	5,944
*,1	Funko Inc. Class A	569,401	5,910
*	Universal Technical Institute Inc.	897,040	5,795
	Cato Corp. Class A	602,770	5,781
*	CuriosityStream Inc.	413,600	5,770
*	Fluent Inc.	1,045,832	5,553
*	PlayAGS Inc.	766,654	5,520
*	Century Casinos Inc.	854,896	5,463
1	Big 5 Sporting Goods Corp.	534,933	5,462
	Bassett Furniture Industries Inc.	263,021	5,281
*	Conn's Inc.	442,911	5,178
1	AMC Entertainment Holdings Inc. Class A	2,382,581	5,051
*	Barnes & Noble Education Inc.	1,080,295	5,023
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			Market Value
		Shares	(\$000)
*	Vera Bradley Inc.	626,113	4,984
*,1	Alta Equipment Group Inc.	496,300	4,903
*	Leaf Group Ltd.	1,048,255	4,874
	Tribune Publishing Co.	352,822	4,834
*,1	LiveXLive Media Inc.	1,465,752	4,808
*	Bluegreen Vacations Holding Corp. Class A	351,096	4,750
	Lifetime Brands Inc.	308,810	4,694
*	VistaGen Therapeutics Inc.	2,297,273	4,457
*	Lincoln Educational Services Corp.	683,370	4,442
*	Gaia Inc. Class A	441,699	4,364
*	Delta Apparel Inc.	213,870	4,292
	Educational Development Corp.	279,313	4,290
*	Hovnanian Enterprises Inc. Class A	128,819	4,233
*	MDC Partners Inc. Class A	1,680,706	4,219
*	Casper Sleep Inc.	683,869	4,206
	A-Mark Precious Metals Inc.	161,424	4,141
*	Cumulus Media Inc. Class A	469,052	4,090
*	J Alexander's Holdings Inc.	552,041	4,024
*	Zovio Inc. Class A	818,164	3,878
	Entravision Communications Corp. Class A	1,352,260	3,719
	Wayside Technology Group Inc.	192,328	3,673
*,1	Lazydays Holdings Inc.	225,600	3,666
	Hamilton Beach Brands Holding Co. Class A	195,169	3,417
*,1	Drive Shack Inc.	1,385,320	3,297
*	ZAGG Inc.	780,631	3,255
*	Thryv Holdings Inc.	238,128	3,215
*	Full House Resorts Inc.	811,768	3,190
	Emerald Holding Inc.	585,342	3,173
*	Duluth Holdings Inc. Class B	296,974	3,136
	Weyco Group Inc.	195,920	3,103
	Nathan's Famous Inc.	55,565	3,068
*	HyreCar Inc.	418,571	2,989
	Marine Products Corp.	203,976	2,966
	Saga Communications Inc. Class A	120,553	2,896
*,1	Kura Sushi USA Inc. Class A	137,956	2,690
*	Chicken Soup For The Soul Entertainment Inc.	134,048	2,680
*	Legacy Housing Corp.	176,960	2,674
*	Reading International Inc. Class A	526,251	2,642
*	Envela Corp.	489,201	2,544
*	Biglari Holdings Inc. Class A	4,329	2,532
	Acme United Corp.	75,799	2,284
*,1	Potbelly Corp.	510,250	2,245
*,1	Revion Inc. Class A	179,814	2,136
*	Superior Industries International Inc.	502,788	2,056
*	Red Lion Hotels Corp.	550,589	1,905
*,1	ContextLogic Inc. Class A	101,538	1,852
*	Lee Enterprises Inc.	1,445,498	1,821
*,1	LMP Automotive Holdings Inc.	70,694	1,765
	Rush Enterprises Inc. Class B	46,261	1,753
*,1	Luby's Inc.	592,426	1,682
*	Build-A-Bear Workshop Inc.	386,900	1,652
	Townsquare Media Inc. Class A	239,377	1,594
*	Marchex Inc. Class B	796,594	1,561
*	ONE Group Hospitality Inc.	398,718	1,475
*	Travelzoo	153,651	1,450
*	Biglari Holdings Inc. Class B	12,594	1,400
*	Kewaunee Scientific Corp.	97,556	1,230
*	iMedia Brands Inc.	229,675	1,098
*,1	Express Inc.	1,204,436	1,096
*	FlexShopper Inc.	424,874	1,092
*	New Home Co. Inc.	226,301	1,061

			Market Value
		Shares	(\$000)
*	Good Times Restaurants Inc.	350,735	1,000
	Crown Crafts Inc.	137,660	984
*	Urban One Inc.	817,509	956
*	Muscle Maker Inc.	487,573	853
	Ark Restaurants Corp.	42,422	823
*,1	RumbleON Inc. Class B	26,080	788
*	Charles & Colvard Ltd.	609,632	750
*,1	SRAX Inc. Class A	206,107	641
*	BBQ Holdings Inc.	121,270	585
*	Vince Holding Corp.	85,346	543
*,1	Allied Esports Entertainment Inc.	298,452	472
	Beasley Broadcast Group Inc. Class A	314,277	468
*	Canterbury Park Holding Corp.	35,605	424
	A H Belo Corp. Class A	260,368	393
1	Hall of Fame Resort & Entertainment Co.	309,054	380
*,1	Dolphin Entertainment Inc.	92,846	316
*,1	Sequential Brands Group Inc.	21,522	309
*,1	Monaker Group Inc.	129,486	294
*	StoneMor Inc.	98,400	259
	Jerash Holdings US Inc.	41,854	250
1	Salem Media Group Inc. Class A	220,213	229
*	Eastside Distilling Inc.	144,325	185
*,1	Xcel Brands Inc.	151,456	183
	CompX International Inc.	12,502	178
*	Mediaco Holding Inc. Class A	67,571	176
*	Unique Fabricating Inc.	27,935	154
*	Live Ventures Inc.	3,993	49
*,1	J. Jill Inc.	9,723	36
*	Hovnanian Enterprises Inc. Class B	772	25
*	JAKKS Pacific Inc.	1,900	179.959.060
Cons	sumer Staples (5.17%)		178,858,969
	Procter & Gamble Co.	69,888,389	9,724,270
	Coca-Cola Co.	109,040,409	5,979,776
	PepsiCo Inc.	38,971,974	5,779,544
	Philip Morris International Inc.	43,909,884	3,635,299
	CVS Health Corp.	36,896,248	2,520,014
	Mondelez International Inc. Class A	40,346,903	2,359,083
	Altria Group Inc.	52,419,939	2,149,218
	Colgate-Palmolive Co.	24,169,865	2,066,765
	Kimberly-Clark Corp.	9,591,310	1,293,196
	General Mills Inc.	17,265,698	1,015,223
	Sysco Corp.	13,637,503	1,012,721
	Constellation Brands Inc. Class A	4,523,429	990,857
*	Monster Beverage Corp.	10,444,355	965,894
	Walgreens Boots Alliance Inc.	20,756,763	827,780
	Corteva Inc.	21,099,417	816,969
	Archer-Daniels-Midland Co.	15,718,015	792,345
	McKesson Corp.	4,536,386	788,968
	Brown-Forman Corp. Class B	9,878,641	784,660
	Clorox Co.	3,569,940	720,842
	McCormick & Co. Inc. (Non-Voting)	7,006,731	669,844
	Kroger Co.	20,773,032	659,752
	Hershey Co.	4,169,580	635,152
	Church & Dwight Co. Inc.	6,982,661	609,098
	Kraft Heinz Co.	17,242,437	597,623
	Tyson Foods Inc. Class A	8,288,940	534,139
	Keurig Dr Pepper Inc.	15,924,395	509,581
	Conagra Brands Inc.	13,101,095	475,046
	Kellogg Co.	7,264,055	452,042

			Market Value
		Shares	(\$000)
	AmerisourceBergen Corp. Class A	4,035,588	394,519
	J M Smucker Co.	3,064,853	354,297
	Hormel Foods Corp.	7,571,766	352,920
	Lamb Weston Holdings Inc.	4,117,180	324,187
	Campbell Soup Co.	5,540,520	267,884
*	Darling Ingredients Inc.	4,573,826	263,818
*	Boston Beer Co. Inc. Class A	251,630	250,193
	Bunge Ltd.	3,744,493	245,564
	Molson Coors Beverage Co. Class B	5,025,086	227,084
*	US Foods Holding Corp.	5,645,645	188,056
	Casey's General Stores Inc.	1,043,027	186,305
*	Performance Food Group Co.	3,760,993	179,061
*	Post Holdings Inc.	1,680,719	169,769
*,1	Beyond Meat Inc.	1,328,950	166,119
	Helen of Troy Ltd.	715,236	158,918
-	Freshpet Inc.	1,081,598	153,576
*	Ingredion Inc.	1,792,700	141,032
	Herbalife Nutrition Ltd.	2,803,512	134,709
	Flowers Foods Inc.	5,162,650	116,831
	WD-40 Co. Lancaster Colony Corp.	381,093 537,539	101,249 98,762
*	Hain Celestial Group Inc.	2,379,280	95,762
	Spectrum Brands Holdings Inc.	2,379,280 1,155,280	91,244
*	Grocery Outlet Holding Corp.	2,323,696	91,205
	Nu Skin Enterprises Inc. Class A	1,431,177	78,185
*	Simply Good Foods Co.	2,418,611	75,848
	Sanderson Farms Inc.	562,683	74,387
	Energizer Holdings Inc.	1,737,221	73,276
	Primo Water Corp.	4,308,553	67,558
*	TreeHouse Foods Inc.	1,579,567	67,116
*	Sprouts Farmers Market Inc.	3,315,866	66,649
	J & J Snack Foods Corp.	395,487	61,447
	Medifast Inc.	312,066	61,271
	Edgewell Personal Care Co.	1,512,070	52,287
1	B&G Foods Inc.	1,793,558	49,735
*	GrowGeneration Corp.	1,220,884	49,104
*	Hostess Brands Inc. Class A	3,214,008	47,053
	Reynolds Consumer Products Inc.	1,431,100	42,990
	Vector Group Ltd.	3,649,191	42,513
*	Celsius Holdings Inc.	807,553	40,628
*	Cal-Maine Foods Inc.	1,072,394	40,258
	Core-Mark Holding Co. Inc.	1,252,852	36,796
	Coca-Cola Consolidated Inc.	136,566	36,363
	Universal Corp.	642,732	31,243
1	Utz Brands Inc.	1,395,523	30,785
1	Calavo Growers Inc.	436,232	30,288
1	National Beverage Corp.	323,586	27,472
*	BellRing Brands Inc. Class A	1,089,000	26,474
*	Pilgrim's Pride Corp. USANA Health Sciences Inc.	1,345,291	26,381
*	United Natural Foods Inc.	340,453	26,249
*	Chefs' Warehouse Inc.	1,536,789	24,543
*,1		905,072	23,251
, '	Rite Aid Corp. Fresh Del Monte Produce Inc.	1,454,855 952,198	23,030 22,919
	ACCO Brands Corp.	2,696,705	22,919
*,1	Veru Inc.	2,496,253	22,787
, .	Weis Markets Inc.	450,682	21,593
	Seaboard Corp.	6,952	21,072
	Andersons Inc.	843,669	20,678
	John B Sanfilippo & Son Inc.	241,010	19,006
	MGP Ingredients Inc.	383,848	18,064
	g. salonto mo.	300,040	10,00-

			Market Value
		Shares	(\$000)
1	PetMed Express Inc.	533,210	17,095
	Ingles Markets Inc. Class A	382,625	16,323
	SpartanNash Co.	915,335	15,936
	Turning Point Brands Inc.	342,325	15,254
1	Tootsie Roll Industries Inc.	458,330	13,612
*,1 *	Tattooed Chef Inc. Whole Earth Brands Inc.	542,800	12,425
*	Hydrofarm Holdings Group Inc.	1,118,162 224,096	12,188 11,783
	Limoneira Co.	542,126	9,026
*	Landec Corp.	798,849	8,668
*,3	Lifevantage Corp.	915,829	8,536
*,1	HF Foods Group Inc.	1,088,885	8,188
*,1	22nd Century Group Inc.	3,706,225	8,154
*,1	AquaBounty Technologies Inc.	923,581	8,091
*	Seneca Foods Corp. Class A	199,576	7,963
*,1	Vital Farms Inc.	311,133	7,875
	Alico Inc.	244,260	7,577
	Oil-Dri Corp. of America	213,120	7,263
*,1	NewAge Inc.	2,708,479	7,123
	Village Super Market Inc. Class A	250,304	5,522
*	Nature's Sunshine Products Inc.	351,732	5,258
*,1	Laird Superfood Inc.	95,216	4,506
*	Mission Produce Inc.	253,176	3,810
	Natural Grocers by Vitamin Cottage Inc.	264,872	3,639
^	Farmer Bros Co.	544,752	2,544
*	Ocean Bio-Chem Inc.	181,238	2,421
*,1	Natural Alternatives International Inc.	216,379	2,255
*	Blue Apron Holdings Inc. Class A S&W Seed Co.	395,731 441,910	2,212 1,295
*,1	Alkaline Water Co. Inc.	1,152,203	1,164
*	Bridgford Foods Corp.	62,829	1,145
*	Coffee Holding Co. Inc.	230,234	884
*	Calyxt Inc.	201,911	852
	Rocky Mountain Chocolate Factory Inc.	162,623	659
	Brown-Forman Corp. Class A	8,471	622
*	Greenlane Holdings Inc. Class A	154,563	612
	Mannatech Inc.	30,933	575
*	Reed's Inc.	861,155	509
*	Arcadia Biosciences Inc.	173,044	438
*	Willamette Valley Vineyards Inc.	66,863	426
*	RiceBran Technologies	560,464	342
*	Lifeway Foods Inc.	45,393	246
*	MedAvail Holdings Inc.	116	2
Engl	rgy (2.28%)		55,864,395
_1161	Exxon Mobil Corp.	119,134,661	4,910,731
	Chevron Corp.	54,244,455	4,580,944
	ConocoPhillips	30,107,429	1,203,996
	Phillips 66	12,311,308	861,053
	Schlumberger NV	39,077,298	853,057
	EOG Resources Inc.	16,449,367	820,330
	Marathon Petroleum Corp.	18,338,478	758,479
	Kinder Morgan Inc.	54,220,912	741,200
	Valero Energy Corp.	11,488,933	649,929
	Williams Cos. Inc.	28,201,278	565,436
*	Enphase Energy Inc.	3,208,018	562,911
	Pioneer Natural Resources Co.	4,636,840	528,090
	ONEOK Inc.	12,519,763	480,509
	Occidental Petroleum Corp.	26,145,451	452,578
	Halliburton Co.	23,554,130	445,173

			Market Value
		Shares	(\$000)
*,1	Plug Power Inc.	12,834,396	435,214
	Hess Corp.	7,802,407	411,889
*	Cheniere Energy Inc.	6,404,566	384,466
	Baker Hughes Co. Class A	18,269,972	380,929
	Concho Resources Inc.	5,557,777	324,296
*	First Solar Inc.	2,532,199	250,485
	Diamondback Energy Inc.	4,433,188	214,566
	Cabot Oil & Gas Corp.	11,306,369	184,068
	Targa Resources Corp.	6,421,102	169,389
	Devon Energy Corp.	10,701,221	169,186
	Apache Corp.	10,547,207	149,665
	National Oilwell Varco Inc.	10,840,316	148,838
	Marathon Oil Corp.	21,985,896	146,646
	Parsley Energy Inc. Class A	8,653,741	122,883
	Cimarex Energy Co. HollyFrontier Corp.	2,930,553 4,156,548	109,925
	New Fortress Energy Inc. Class A	·	107,447
	Ovintiv Inc.	1,969,661 7,294,169	105,554 104,744
	EQT Corp.	7,834,368	99,575
*,1	FuelCell Energy Inc.	8,893,105	99,336
,.	Equitrans Midstream Corp.	11,664,413	93,782
*	Array Technologies Inc.	2,152,945	92,878
*	WPX Energy Inc.	11,220,442	91,447
*	ChampionX Corp.	5,595,388	85,609
*	Renewable Energy Group Inc.	1,054,297	74,665
	Arcosa Inc.	1,345,263	73,895
	Helmerich & Payne Inc.	2,930,324	67,866
	Antero Midstream Corp.	8,798,739	67,838
*	PDC Energy Inc.	2,860,398	58,724
*,1	SunPower Corp.	2,147,361	55,058
*	CNX Resources Corp.	5,047,926	54,518
*	Southwestern Energy Co.	18,133,893	54,039
	World Fuel Services Corp.	1,705,333	53,138
*	TPI Composites Inc.	999,764	52,768
	Murphy Oil Corp.	4,006,692	48,481
*	Range Resources Corp.	6,537,382	43,800
*	Matador Resources Co.	3,146,595	37,948
*,1	Transocean Ltd.	16,069,609	37,121
	Archrock Inc.	4,270,367	36,981
*,1	Antero Resources Corp.	6,534,570	35,613
	Cactus Inc. Class A	1,351,702	35,239
*	Ameresco Inc. Class A	662,684	34,619
	Delek US Holdings Inc.	2,071,339	33,286
	Core Laboratories NV	1,228,369	32,564
	Warrior Met Coal Inc.	1,433,351	30,559
*	Dril-Quip Inc.	1,008,739	29,879
*,1	HighPeak Energy Inc.	1,715,610	27,398
	Patterson-UTI Energy Inc.	4,869,290	25,612
1	Continental Resources Inc.	1,522,005	24,809
*	Magnolia Oil & Gas Corp. Class A	3,386,470	23,908
^	Bristow Group Inc.	829,425	21,830
*	Liberty Oilfield Services Inc. Class A	2,096,852	21,619
*	Oceaneering International Inc.	2,709,559	21,541
	NOW Inc.	2,976,367	21,370
	SM Energy Co.	3,194,122	19,548
	PBF Energy Inc. Class A	2,701,119	19,178
*	DMC Global Inc.	435,534	18,837
*	Arch Resources Inc.	420,816	18,419
*	ProPetro Holding Corp. Par Pacific Holdings Inc.	2,439,322 1,264,620	18,027 17,679
*	American Superconductor Corp.	700,015	
	American superconductor Corp.	700,015	16,394

			Market Value
		Shares	(\$000)
*	Helix Energy Solutions Group Inc.	3,878,356	16,289
	QEP Resources Inc.	6,640,242	15,870
*	NexTier Oilfield Solutions Inc.	4,418,093	15,198
*	MRC Global Inc.	2,219,268	14,714
*	Brigham Minerals Inc. Class A	1,224,445	13,457
	Green Plains Inc.	1,021,265	13,450
*,1	CVR Energy Inc. Beam Global	873,840 175,946	13,020
*,1	Callon Petroleum Co.	983,514	12,981 12,943
*	REX American Resources Corp.	164,138	12,943
*	Bonanza Creek Energy Inc.	592,477	11,453
*,1	Gevo Inc.	2,684,822	11,411
1	Nabors Industries Ltd.	195,605	11,390
	SunCoke Energy Inc.	2,513,075	10,932
*	Pacific Ethanol Inc.	1,837,378	9,977
*,1	Northern Oil & Gas Inc.	1,070,318	9,376
*	Tidewater Inc.	1,079,916	9,330
*	Matrix Service Co.	811,320	8,941
	Berry Corp.	2,251,991	8,287
*,1	Tellurian Inc.	6,297,920	8,061
*	Select Energy Services Inc. Class A	1,937,981	7,946
*	Centennial Resource Development Inc. Class A	5,069,093	7,604
*	Oil States International Inc.	1,509,651	7,578
*	Talos Energy Inc.	917,313	7,559
*,1	Centrus Energy Corp. Class A	318,791	7,374
*	FTS International Inc. Class A	365,359	7,015
	Solaris Oilfield Infrastructure Inc. Class A	852,665	6,941
*,1	Contango Oil & Gas Co.	2,973,883	6,810
*	RPC Inc.	2,156,249	6,792
*,1	W&T Offshore Inc.	3,127,653	6,787
*	Laredo Petroleum Inc.	300,171	5,913
*	Contura Energy Inc.	495,155	5,630
*	Penn Virginia Corp. Geospace Technologies Corp.	501,119 539,672	5,086 4,620
*	Altus Midstream Co.	96,167	4,620
*	Natural Gas Services Group Inc.	462,192	4,382
*	Trecora Resources	595,475	4,162
	NACCO Industries Inc. Class A	153.422	4,035
*	Flotek Industries Inc.	1,909,932	4,030
*	VAALCO Energy Inc.	2,183,682	3,865
*	Newpark Resources Inc.	1,756,738	3,373
*	Peabody Energy Corp.	1,349,535	3,252
	Falcon Minerals Corp.	1,005,005	3,166
*	Exterran Corp.	708,310	3,131
*	Capstone Turbine Corp.	278,631	2,981
*	Goodrich Petroleum Corp.	272,216	2,747
*	CONSOL Energy Inc.	376,623	2,715
*	Earthstone Energy Inc. Class A	470,000	2,505
*	Battalion Oil Corp.	264,325	2,194
*,1	American Resources Corp. Class A	1,074,231	2,095
*,1	NextDecade Corp.	962,481	2,012
*	SandRidge Energy Inc.	646,359	2,004
*	TETRA Technologies Inc.	2,241,894	1,931
*	Evolution Petroleum Corp.	642,835	1,832
*	Profire Energy Inc.	2,085,380	1,778
*	Gulf Island Fabrication Inc.	568,490	1,740
	Forum Energy Technologies Inc.	137,230	1,633
*,1	Adams Resources & Energy Inc.	67,594 630,317	1,629
*,1	Aemetis Inc.	629,217 2,191,956	1,567
*,1	Torchlight Energy Resources Inc.	2,181,856 694,843	1,527 1,522
, .	Orbital Energy Group Inc.	694,843	1,522

			Market
		Shares	Value (\$000)
*	SEACOR Marine Holdings Inc.	506,645	1,373
*	Epsilon Energy Ltd.	353,256	1,311
*	MIND Technology Inc.	491,592	1,101
*	Smart Sand Inc.	618,477	1,064
*	PrimeEnergy Resources Corp.	21,616	933
*,1	SilverBow Resources Inc.	166,456	884
*	Dawson Geophysical Co.	395,903	839
*,1	ION Geophysical Corp.	295,671	718
*,1	PEDEVCO Corp.	460,492	695
	PHX Minerals Inc.	293,956	676
*	Ramaco Resources Inc.	233,281	672
*,1	KLX Energy Services Holdings Inc.	102,886	665
*	Ranger Energy Services Inc.	179,415	653
*,1	Ring Energy Inc.	971,271	641
	Hallador Energy Co.	415,417	611
1	Amplify Energy Corp.	456,959	599
*,1	Peck Co. Holdings Inc.	94,900	565
*,1	Nine Energy Service Inc.	194,528	529
*,1	Abraxas Petroleum Corp.	140,843	323
*,1	Sundance Energy Inc.	140,836	245
*,1	HighPoint Resources Corp.	26,374	242
*	US Well Services Inc.	575,129	238
*	NCS Multistage Holdings Inc.	5,982	135
*	Independence Contract Drilling Inc.	40,118	118
*	Mammoth Energy Services Inc.	9,379	42
*,1	Talos Energy Inc. Warrants Exp. 02/28/2021	116,107	5
*	Tidewater Inc. Class A Warrants Exp. 07/31/2023	8,839	4
*	Tidewater Inc. Class B Warrants Exp. 07/31/2023	9,555	3
*,1	FTS International Inc. Warrants Exp. 11/19/2023	22,671	
			24,683,051
Fina	ncials (10.52%)	50 400 470	44 000 005
_	Berkshire Hathaway Inc. Class B	50,126,473	11,622,825
	JPMorgan Chase & Co.	85,921,780	10,918,081
	Bank of America Corp.	219,465,477	6,651,999
	Citigroup Inc.	58,681,209	3,618,283
	Wells Fargo & Co.	110,703,268	3,341,025
	Morgan Stanley	40,807,265	2,796,522
	BlackRock Inc.	3,871,390	2,793,363
	Goldman Sachs Group Inc.	9,701,444	2,558,368
	Charles Schwab Corp.	43,006,082	2,281,043
	S&P Global Inc.	6,781,357	2,229,235
	CME Group Inc.	10,123,049	1,842,901
	Truist Financial Corp.	38,030,984	1,822,825
	Intercontinental Exchange Inc.	15,754,810	1,816,372
	US Bancorp	38,250,187	1,782,076
	PNC Financial Services Group Inc.	11,954,717	1,781,253
	Marsh & McLennan Cos. Inc.	14,304,393	1,673,614
	Chubb Ltd.	10,817,560	1,665,039
	Progressive Corp.	16,512,857	1,632,791
	Aon plc Class A	6,448,315	1,362,335
	Moody's Corp.	4,501,615	1,306,549
	Blackstone Group Inc. Class A	19,017,319	1,232,512
	Travelers Cos. Inc.	7,144,732	1,002,906
	MSCI Inc. Class A	2,223,487	992,854
	T. Rowe Price Group Inc.	6,346,821	960,845
	Bank of New York Mellon Corp.	22,497,981	954,814
	American International Group Inc.	24,278,956	919,201
	IHS Markit Ltd.	10,115,305	908,658
	Allstate Corp.	8,147,560	895,661
	MetLife Inc.	18,998,275	891,969

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	Shares	(\$00
Prudential Financial Inc.	11,135,800	869,37
Aflac Inc.	18,794,019	835,77
Discover Financial Services	8,637,607	781,96
Willis Towers Watson plc	3,635,054	765,83
First Republic Bank	4,868,459	715,32
Arthur J Gallagher & Co.	5,421,140	670,64
Ameriprise Financial Inc.	3,332,422	647,59
KKR & Co. Inc.	15,152,099	613,50
MarketAxess Holdings Inc.	1,020,082	582,01
State Street Corp.	7,871,819	572,91
SVB Financial Group	1,465,108	568,21
Fifth Third Bancorp	20,102,256	554,21
Nasdag Inc.	4,119,229	546,78
Northern Trust Corp.	5,590,420	520,69
Broadridge Financial Solutions Inc.	3,248,070	497,60
Hartford Financial Services Group Inc.	10,134,833	496,40
KeyCorp	27,705,820	454.65
M&T Bank Corp.	3,459,552	440,40
Regions Financial Corp.	27,265,310	439,51
Citizens Financial Group Inc.	12,121,873	433,47
Markel Corp.	382,289	395,01
Arch Capital Group Ltd.	10,932,355	394,33
Principal Financial Group Inc.	7,723,246	383,15
Cincinnati Financial Corp.	4,323,640	377,75
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Ally Financial Inc.	10,529,433	375,48
Berkshire Hathaway Inc. Class A	1,051	365,55
Huntington Bancshares Inc.	28,860,489	364,50
FactSet Research Systems Inc.	1,075,394	357,56
Annaly Capital Management Inc.	39,319,212	332,24
Brown & Brown Inc.	6,813,857	323,04
Fidelity National Financial Inc.	7,861,465	307,30
Raymond James Financial Inc.	3,142,327	300,62
Loews Corp.	6,593,804	296,85
Equitable Holdings Inc.	11,311,695	289,46
Apollo Global Management Inc. Class A	5,803,447	284,25
Cboe Global Markets Inc.	3,046,823	283,72
Everest Re Group Ltd.	1,131,024	264,76
Lincoln National Corp.	5,165,148	259,85
Globe Life Inc.	2,663,656	252,94
W R Berkley Corp.	3,784,970	251,39
RenaissanceRe Holdings Ltd.	1,445,266	239,65
AGNC Investment Corp.	15,345,538	239,39
LPL Financial Holdings Inc.	2,244,551	233,92
Alleghany Corp.	380,391	229,63
Assurant Inc.	1,667,786	227,18
Comerica Inc.	3,963,168	221,38
Reinsurance Group of America Inc.	1,908,530	221,19
SEI Investments Co.	3,723,438	213,98
Voya Financial Inc.	3,590,943	211,18
Franklin Resources Inc.	8,427,060	210,59
Eaton Vance Corp.	3,097,224	210,33
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Invesco Ltd.	11,674,218	203,48
Zions Bancorp NA	4,641,812	201,64
East West Bancorp Inc.	3,975,875	201,61
First Horizon Corp.	15,708,723	200,44
Signature Bank	1,453,776	196,68
Commerce Bancshares Inc.	2,938,955	193,08
American Financial Group Inc.	2,082,523	182,47
Erie Indemnity Co. Class A	716,344	175,93
Prosperity Bancshares Inc.	2,468,522	171,21
Carlyle Group Inc.	5,374,286	168,96

			Market Value
		Shares	(\$000)
	Old Republic International Corp.	8,166,312	160,958
	TCF Financial Corp.	4,309,429	159,535
	People's United Financial Inc.	12,084,329	156,250
	First American Financial Corp.	2,999,563	154,867
	Western Alliance Bancorp	2,548,038	152,755
*	Athene Holding Ltd. Class A	3,499,444	150,966
	Morningstar Inc.	650,758	150,696
	Primerica Inc.	1,117,395	149,653
	Starwood Property Trust Inc.	7,553,267	145,778
	South State Corp.	2,008,205	145,193
	Ares Management Corp. Class A	3,046,223	143,325
	Cullen/Frost Bankers Inc.	1,600,982	139,654
	Stifel Financial Corp.	2,766,708	139,608
	Tradeweb Markets Inc. Class A	2,178,089	136,022
	First Financial Bankshares Inc.	3,752,847	135,759
	Kemper Corp.	1,751,138	134,540
	Janus Henderson Group plc	4,079,542	132,626
	Popular Inc.	2,350,346	132,371
	SLM Corp.	10,605,464	131,402
	New York Community Bancorp Inc.	12,446,403	131,310
	Pinnacle Financial Partners Inc.	2,030,245	130,748
	Interactive Brokers Group Inc. Class A	2,139,835	130,359
	Essent Group Ltd.	3,011,950	130,116
	Synovus Financial Corp.	3,960,949	128,216
	RLI Corp. Jefferies Financial Group Inc.	1,196,456 5,060,770	124,611 124,495
	Affiliated Managers Group Inc.	1,217,626	123,833
	Glacier Bancorp Inc.	2,654,237	123,033
	Kinsale Capital Group Inc.	2,054,237 605,520	121,183
	MGIC Investment Corp.	9,543,176	119,767
	Lazard Ltd. Class A	2,815,439	119,093
	Unum Group	5,157,850	118,321
	United Bankshares Inc.	3,644,886	118,094
	New Residential Investment Corp.	11,867,877	117,967
	Selective Insurance Group Inc.	1,672,096	111,997
	Hanover Insurance Group Inc.	956,533	111,838
	Radian Group Inc.	5,407,779	109,508
	Axis Capital Holdings Ltd.	2,156,936	108,688
	Blackstone Mortgage Trust Inc. Class A	3,946,288	108,641
*	Open Lending Corp. Class A	3,088,829	107,985
	Bank OZK	3,450,769	107,906
*	Trupanion Inc.	900,468	107,795
*	Cannae Holdings Inc.	2,424,891	107,350
	Webster Financial Corp.	2,545,658	107,299
	Evercore Inc. Class A	973,911	106,780
	Valley National Bancorp	10,684,701	104,176
	CIT Group Inc.	2,816,891	101,126
	OneMain Holdings Inc.	2,083,005	100,318
	Sterling Bancorp	5,529,761	99,425
	Wintrust Financial Corp.	1,618,756	98,890
	Umpqua Holdings Corp.	6,346,857	96,091
	Houlihan Lokey Inc. Class A	1,426,693	95,917
*,1	Credit Acceptance Corp.	274,678	95,077
	Community Bank System Inc.	1,480,531	92,252
*	Brighthouse Financial Inc.	2,502,559	90,605
	BankUnited Inc.	2,591,281	90,125
	CNO Financial Group Inc.	3,954,703	87,913
* 1	UMB Financial Corp.	1,260,214	86,942
*,1	LendingTree Inc.	316,190	86,570
	First Hawaiian Inc.	3,651,304	86,098
	FNB Corp.	9,038,004	85,861

			Market Value
		Shares	(\$000)
	Bank of Hawaii Corp.	1,115,571	85,475
*,1	Eastern Bankshares Inc.	5,229,790	85,298
	PacWest Bancorp	3,357,181	85,272
*	Texas Capital Bancshares Inc.	1,426,245	84,862
	Hancock Whitney Corp.	2,442,211	83,084
	Pacific Premier Bancorp Inc.	2,635,940	82,584
	White Mountains Insurance Group Ltd.	82,453	82,507
	Artisan Partners Asset Management Inc. Class A	1,623,964	81,750
	PennyMac Financial Services Inc.	1,230,557	80,749
	Home BancShares Inc.	4,094,453	79,760
	BancorpSouth Bank	2,876,926	78,943
	Federated Hermes Inc.	2,680,430	77,438
	FirstCash Inc.	1,093,229	76,570
	First Citizens BancShares Inc. Class A	132,508	76,095
	Old National Bancorp	4,522,480	74,892
	Walker & Dunlop Inc.	800,077	73,623
	Associated Banc-Corp Moelis & Co. Class A	4,293,084	73,197
		1,550,874	72,519
	American Equity Investment Life Holding Co.	2,612,916	72,273 72,002
	Atlantic Union Bankshares Corp. Columbia Banking System Inc.	2,185,842	72,002
	Ameris Bancorp	1,987,070 1,832,231	69,753
	Virtu Financial Inc. Class A	2,769,410	69,706
	CVB Financial Corp.	3,552,556	69,275
	Assured Guaranty Ltd.	2,162,145	68,086
	Chimera Investment Corp.	6,635,844	68,017
	United Community Banks Inc.	2,390,498	67,986
	Cathay General Bancorp	2,104,809	67,754
*	Enstar Group Ltd.	330,569	67,730
	Independent Bank Corp. (Massachusetts)	914,465	66,793
	National General Holdings Corp.	1,946,463	66,530
	Investors Bancorp Inc.	6,248,500	65,984
*,1	Rocket Cos. Inc. Class A	3,225,495	65,219
*,1	QuantumScape Corp.	763,363	64,466
*,1	GCM Grosvenor Inc. Class A	4,834,656	64,398
	Independent Bank Group Inc.	1,026,470	64,175
*	Mr Cooper Group Inc.	2,033,257	63,092
	WSFS Financial Corp.	1,399,757	62,821
	Hamilton Lane Inc. Class A	779,656	60,852
	First Merchants Corp.	1,591,448	59,536
	Flagstar Bancorp Inc.	1,449,327	59,075
	Simmons First National Corp. Class A	2,671,348	57,674
	Fulton Financial Corp.	4,462,600	56,764
	Cadence Bancorp Class A	3,447,709	56,611
	First Bancorp (XNYS)	6,135,866	56,573
	International Bancshares Corp.	1,508,453	56,476
_	WesBanco Inc.	1,883,776	56,438
*	eXp World Holdings Inc.	883,279	55,753
*	Goosehead Insurance Inc. Class A	444,642	55,474
_	Palomar Holdings Inc.	616,852	54,801
*	NMI Holdings Inc. Class A	2,395,259	54,253
	Genworth Financial Inc. Class A	14,272,476	53,950
	Washington Federal Inc. BOK Financial Corp.	2,095,888	53,948
	ServisFirst Bancshares Inc.	785,829 1,308,650	53,814 52,725
*	Axos Financial Inc.	1,308,650	52,725
	Navient Corp.	5,198,208	51,757
	MFA Financial Inc.	13,107,004	50,986
	Hilltop Holdings Inc.	1,837,687	50,555
*	PRA Group Inc.	1,272,373	50,462
	First Midwest Bancorp Inc.	3,158,576	50,285
	That Midwoot Bulloofp mo.	3,130,370	30,203

			Market Value
		Shares	(\$000)
	Renasant Corp.	1,484,794	50,008
	Piper Sandler Cos.	493,987	49,843
	PennyMac Mortgage Investment Trust	2,829,947	49,779
	Cohen & Steers Inc.	660,343	49,063
*	eHealth Inc.	689,627	48,695
*,1	Lemonade Inc.	395,623	48,464
	Two Harbors Investment Corp.	7,583,606	48,308
	Horace Mann Educators Corp.	1,119,386	47,059
	Arbor Realty Trust Inc.	3,305,546	46,873
	BancFirst Corp.	797,592	46,819
	First Financial Bancorp	2,663,604	46,693
	Capitol Federal Financial Inc.	3,733,250	46,666
	First Interstate BancSystem Inc. Class A	1,139,618	46,462 46,189
	Trustmark Corp. Towne Bank	1,691,286	,
	PJT Partners Inc. Class A	1,950,885 593,883	45,807 44,690
	Virtus Investment Partners Inc.	204.073	44,090
	Waddell & Reed Financial Inc. Class A	1,737,315	44,249
	Northwest Bancshares Inc.	3,466,315	44,249
	Park National Corp.	419,978	44,102
	Apollo Commercial Real Estate Finance Inc.	3,946,546	44,102
	Banner Corp.	916,612	42,705
*	Seacoast Banking Corp. of Florida	1,418,338	41,770
	Sandy Spring Bancorp Inc.	1,295,796	41,712
	Heartland Financial USA Inc.	1,024,071	41,342
	Argo Group International Holdings Ltd.	931,821	40,721
	Westamerica Bancorp	720,110	39,815
	New York Mortgage Trust Inc.	10,749,359	39,665
	James River Group Holdings Ltd.	803,883	39,511
	Mercury General Corp.	746,661	38,983
	Santander Consumer USA Holdings Inc.	1,770,103	38,978
*	Focus Financial Partners Inc. Class A	894,255	38,900
	NBT Bancorp Inc.	1,180,511	37,894
	Live Oak Bancshares Inc.	789,335	37,462
	Provident Financial Services Inc.	2,022,859	36,331
1	Broadmark Realty Capital Inc.	3,553,699	36,248
*	BRP Group Inc. Class A	1,206,995	36,174
	Stewart Information Services Corp.	746,733	36,112
	Hope Bancorp Inc.	3,286,221	35,853
	BGC Partners Inc. Class A	8,955,678	35,823
	Lakeland Financial Corp.	665,792	35,673
	Veritex Holdings Inc.	1,369,998	35,154
*	Encore Capital Group Inc.	891,911	34,740
	Eagle Bancorp Inc.	827,153	34,161
	Meta Financial Group Inc.	898,245	32,840
	First Commonwealth Financial Corp.	2,997,415	32,792
	Safety Insurance Group Inc.	418,385	32,592
	FB Financial Corp.	931,763	32,360
	Brightsphere Investment Group Inc.	1,671,473	32,226
	Great Western Bancorp Inc. OceanFirst Financial Corp.	1,536,952	32,122
	· ·	1,705,896	31,781
	First Busey Corp. AMERISAFE Inc.	1,466,852	31,611
	City Holding Co.	543,585 444,357	31,218
	Nelnet Inc. Class A	444,357 419,431	30,905 29,880
*	Triumph Bancorp Inc.	610,483	29,880
	iStar Inc.	1,969,993	29,639
	Redwood Trust Inc.	3,320,471	29,254
	Southside Bancshares Inc.	915,768	28,416
*	Silvergate Capital Corp. Class A	381,232	28,329
	National Bank Holdings Corp. Class A	854,019	27,978
	Hational Bank Holalings Corp. Class A	004,019	21,010

			Market Value
		Shares	(\$000)
	OFG Bancorp	1,490,205	27,628
	S&T Bancorp Inc.	1,086,650	26,992
	ProAssurance Corp.	1,504,453	26,764
*	First Bancorp (XNGS)	790,710	26,750
-	LendingClub Corp.	2,530,783	26,725
	TFS Financial Corp. Tompkins Financial Corp.	1,508,869 375,379	26,601 26,502
	Ladder Capital Corp. Class A	2,703,486	26,440
	Brookline Bancorp Inc.	2,178,836	26,233
	Employers Holdings Inc.	814,457	26,217
	Enterprise Financial Services Corp.	737,515	25,776
	Premier Financial Corp.	1,113,975	25,621
*	StoneX Group Inc.	427,163	24,733
	Stock Yards Bancorp Inc.	607,556	24,594
	Kearny Financial Corp.	2,324,392	24,546
	German American Bancorp Inc.	720,379	23,837
*	Berkshire Hills Bancorp Inc.	1,385,937	23,727
	Columbia Financial Inc.	1,519,641	23,646
*	Heritage Financial Corp. Enova International Inc.	1,006,063 921,427	23,532 22,824
	TriCo Bancshares	641,506	22,632
	American National Group Inc.	232,241	22,323
*,1	Riot Blockchain Inc.	1,283,657	21,809
	B. Riley Financial Inc.	488,250	21,590
*	Third Point Reinsurance Ltd.	2,189,637	20,845
	First Foundation Inc.	1,038,124	20,762
	WisdomTree Investments Inc.	3,879,306	20,754
	Meridian Bancorp Inc.	1,373,128	20,473
	Banc of California Inc.	1,377,023	20,256
	Boston Private Financial Holdings Inc.	2,362,708	19,965
*	Ambac Financial Group Inc.	1,289,507	19,833
	Washington Trust Bancorp Inc.	441,691	19,788
*,1	HomeStreet Inc. StepStone Group Inc. Class A	585,551 490,482	19,762 19,521
*	Watford Holdings Ltd.	561,441	19,426
	Preferred Bank	379,007	19,128
	ARMOUR Residential REIT Inc.	1,770,270	19,101
	First Bancshares Inc.	609,432	18,819
	National Western Life Group Inc. Class A	90,201	18,621
	TPG RE Finance Trust Inc.	1,729,859	18,371
	Northfield Bancorp Inc.	1,472,308	18,154
	Allegiance Bancshares Inc.	528,798	18,048
	ConnectOne Bancorp Inc.	909,557	18,000
	Bancorp Inc.	1,317,654	17,986
	TrustCo Bank Corp.	2,690,490 1,195,564	17,946 17,742
	Ellington Financial Inc. Cowen Inc. Class A	676,216	17,742
	Origin Bancorp Inc.	620,988	17,375
1	Invesco Mortgage Capital Inc.	5,094,346	17,243
	Horizon Bancorp Inc.	1,082,868	17,174
	Great Southern Bancorp Inc.	348,960	17,064
	Lakeland Bancorp Inc.	1,340,486	17,024
	Federal Agricultural Mortgage Corp. Class C	227,575	16,897
*	Nicolet Bankshares Inc.	251,547	16,690
	Capstead Mortgage Corp.	2,857,809	16,604
	Bryn Mawr Bank Corp.	542,160	16,587
*	GoHealth Inc. Class A	1,207,465	16,494
	Univest Financial Corp.	785,319	16,162
	QCR Holdings Inc.	402,605 886,610	15,939
	KKR Real Estate Finance Trust Inc. Granite Point Mortgage Trust Inc.	886,619 1,580,409	15,888 15,788
	Granite i ont Mortgage nust inc.	1,000,409	10,700

United Fire Group Inc. Ommunity That Bancorp Inc. Customer Bancorp Inc. Customer Bancorp Inc. Customer Bancorp Inc. Customer Bancorp Inc. 776,403 11,845 Certial Pacific Firancial Corp. CSTX Inc. 867,877 14,464 Closeffers Banchabrans Inc. Conseffers Banchabrans Inc. Conseffers Banchabrans Inc. Proper Banchabrans Inc. Conseffers Banchabrans Inc. Proper Banchabrans Inc. Dim Community Banchabrans Inc. Dim Community Banchabrans Inc. Proper Bancorp Inc. FBL Firancial Corp. 11,19,996 Propice Bancorp Inc. FBL Firancial Group Inc. Class A Hertage Commerce Corp. 15,817 FBL Firancial Corp. 16,10,10,10,10,10,10,10,10,10,10,10,10,10,				Market Value
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Curo Group Holdings Corp. 616,366 8,833				

			Market Value
		Shares	(\$000)
	First Bancorp Inc.	341,288	8,669
	HCI Group Inc.	163,650	8,559
	Reliant Bancorp Inc.	449,121	8,363
*,1	Citizens Inc. Class A	1,453,877	8,331
	Sierra Bancorp	347,307	8,308
	Anworth Mortgage Asset Corp. SmartFinancial Inc.	3,016,088 448.076	8,174 8,128
	Carter Bankshares Inc.	752,986	8,072
	Old Second Bancorp Inc.	798,796	8,068
*	Metropolitan Bank Holding Corp.	219,921	7,977
	Heritage Insurance Holdings Inc.	781,639	7,918
	Investors Title Co.	51,530	7,884
	American National Bankshares Inc.	297,080	7,786
	FS Bancorp Inc.	141,741	7,767
	HomeTrust Bancshares Inc.	400,553	7,735
	MVB Financial Corp.	338,993	7,688
*	Southern First Bancshares Inc.	216,795	7,664
	PCSB Financial Corp.	477,386	7,610
	Civista Bancshares Inc.	430,751	7,551
	West Bancorp Inc. Home Bancorp Inc.	388,459 264,799	7,497 7,412
	Summit Financial Group Inc.	333,231	7,412 7,358
	Citizens & Northern Corp.	369.939	7,340
	Regional Management Corp.	245,584	7,333
	Capstar Financial Holdings Inc.	489,037	7,213
	Metrocity Bankshares Inc.	489,695	7,061
	Guaranty Bancshares Inc.	233,205	6,984
1	Fidelity D&D Bancorp Inc.	107,043	6,889
*	Bridgewater Bancshares Inc.	545,022	6,807
	Oppenheimer Holdings Inc. Class A	216,413	6,802
	Sculptor Capital Management Inc. Class A	446,216	6,782
	RBB Bancorp	435,513	6,698
	Peoples Financial Services Corp. Farmers & Merchants Bancorp Inc.	179,437 286,434	6,596 6,588
	Capital City Bank Group Inc.	266,595	6,553
*	EZCORP Inc. Class A	1,353,296	6,482
*	BayCom Corp.	423,883	6,430
	Amalgamated Bank Class A	466,041	6,403
	Great Ajax Corp.	605,515	6,334
*	Professional Holding Corp. Class A	410,010	6,326
	First Bank	670,869	6,293
	Spirit of Texas Bancshares Inc.	371,883	6,248
*	FVCBankcorp Inc.	424,036	6,233
	Territorial Bancorp Inc.	256,341	6,160
	Donegal Group Inc. Class A Western New England Bancorp Inc.	429,326 868,906	6,041
	Richmond Mutual Bancorp Inc.	438,183	5,987 5,986
	ChoiceOne Financial Services Inc.	192,646	5,935
1	First Capital Inc.	95,637	5,792
	Enterprise Bancorp Inc.	225,881	5,771
	ACNB Corp.	230,377	5,759
	Central Valley Community Bancorp	384,697	5,728
	First Choice Bancorp	308,412	5,703
	Macatawa Bank Corp.	679,676	5,689
	Century Bancorp Inc. Class A	73,216	5,664
	LCNB Corp.	379,490	5,575
*	South Plains Financial Inc.	292,685	5,546
*	Greenlight Capital Re Ltd. Class A	751,974 173,700	5,497
	National Bankshares Inc.	173,766	5,441
	Ames National Corp. Southern Missouri Bancorp Inc.	221,800 174,893	5,328 5,324
	Southern Missouri Dancorp Inc.	174,093	0,324

			Market Value
		Shares	(\$000)
	Provident Bancorp Inc.	442,422	5,309
	Alerus Financial Corp.	193,077	5,285
	BCB Bancorp Inc.	471,654	5,221
	Northeast Bank	231,674	5,217
	Norwood Financial Corp.	197,130	5,159
*	Independence Holding Co.	125,524	5,146
	Ocwen Financial Corp.	177,771	5,139 5.132
	ESSA Bancorp Inc.	342,141	5,132 5,103
	Westwood Holdings Group Inc. Crawford & Co. Class B	351,917 704,475	5,103
	Greenhill & Co. Class B	704,475 417,350	5,072 5,067
	Timberland Bancorp Inc.	208,600	5,067
	HarborOne Bancorp Inc.	464,076	5,040
	Mid Penn Bancorp Inc.	224,424	4,915
	Northrim Bancorp Inc.	144,118	4,893
*	Howard Bancorp Inc.	413,712	4,886
	Codorus Valley Bancorp Inc.	287,994	4,884
*	NI Holdings Inc.	295,905	4,859
	Investar Holding Corp.	292,064	4,831
	Red River Bancshares Inc.	97,294	4,821
	First Business Financial Services Inc.	260,134	4,789
	Penns Woods Bancorp Inc.	183.326	4,768
	Cherry Hill Mortgage Investment Corp.	510,459	4,666
	Silvercrest Asset Management Group Inc. Class A	334,802	4,650
	Bank of Commerce Holdings	468,474	4,638
	Orrstown Financial Services Inc.	275,942	4,567
	Parke Bancorp Inc.	291,150	4,542
*	Maiden Holdings Ltd.	1,819,834	4,531
1	Western Asset Mortgage Capital Corp.	1,381,670	4,504
	First United Corp.	282,562	4,380
	Bankwell Financial Group Inc.	222,434	4,349
	First Savings Financial Group Inc.	66,579	4,328
*	Elevate Credit Inc.	1,078,391	4,303
*	Coastal Financial Corp.	204,107	4,286
	1st Constitution Bancorp	269,997	4,285
	PCB Bancorp	423,033	4,277
1	AG Mortgage Investment Trust Inc.	1,433,470	4,229
	Meridian Corp.	202,638	4,215
	Bank of Princeton	180,012	4,214
*	Exantas Capital Corp.	1,051,036	4,194
	Community Financial Corp.	155,381	4,114
*	Pioneer Bancorp Inc.	382,935	4,048
	Protective Insurance Corp. Class B	291,675	3,999
	Premier Financial Bancorp Inc.	299,825	3,985
	Community Bankers Trust Corp.	587,292	3,964
*	Ellington Residential Mortgage REIT	304,013	3,964
*	Select Bancorp Inc.	418,563	3,964
	MainStreet Bancshares Inc.	228,556	3,865
	OP Bancorp HBT Financial Inc.	501,377	3,861
*		254,808 604,479	3,860 3,857
	Safeguard Scientifics Inc. Marlin Business Services Corp.	313,850	3,842
	Unity Bancorp Inc.	216,264	3,795
*	ProSight Global Inc.	210,204	3,764
	Manning & Napier Inc.	597,618	3,764
	Shore Bancshares Inc.	251,725	3,747
	Chemung Financial Corp.	106,691	3,622
*	Capital Bancorp Inc.	257,818	3,591
*	MMA Capital Holdings Inc.	145,710	3,584
*	Republic First Bancorp Inc.	1,251,377	3,566
	Standard AVB Financial Corp.	107,897	3,516
		107,007	5,010

			Market Value
		Shares	(\$000)
	Evans Bancorp Inc.	126,425	3,482
	Riverview Bancorp Inc.	658,764	3,465
	United Insurance Holdings Corp.	605,851	3,465
	Eagle Bancorp Montana Inc.	162,151	3,441
*	Malvern Bancorp Inc.	219,520	3,403
*	Esquire Financial Holdings Inc.	176,119	3,380
	Arlington Asset Investment Corp. Class A Middlefield Banc Corp.	891,951 142,578	3,372 3,208
	First Community Corp.	186,326	3,208 3,166
	C&F Financial Corp.	84,601	3,100
	Pzena Investment Management Inc. Class A	429,472	3,135
	Hawthorn Bancshares Inc.	142,270	3,116
	Mackinac Financial Corp.	241,856	3,086
*	Trean Insurance Group Inc.	233,192	3,055
	FNCB Bancorp Inc.	466,042	2,983
*	California Bancorp	187,796	2,922
*,1	Guild Holdings Co. Class A	171,100	2,898
	Citizens Community Bancorp Inc.	260,400	2,836
	Level One Bancorp Inc.	140,044	2,833
	Provident Financial Holdings Inc.	178,766	2,808
*	Heritage Global Inc.	1,031,972	2,745
*	Medallion Financial Corp.	559,905	2,744
	Crawford & Co. Class A	367,705	2,717
	Prudential Bancorp Inc.	193,946	2,686
	Luther Burbank Corp.	273,008	2,675
	CB Financial Services Inc.	132,764	2,657
*	Velocity Financial Inc.	424,863	2,647
*	First Western Financial Inc.	135,093	2,644
*	PDL Community Bancorp	250,855	2,636
	Lument Finance Trust Inc.	805,878	2,635
	GAMCO Investors Inc. Class A	148,087	2,627
	SB Financial Group Inc.	143,155	2,617
*	Peoples Bancorp of North Carolina Inc. Altisource Portfolio Solutions SA	113,094 201,981	2,603
	First Financial Northwest Inc.	224,248	2,601 2,556
	First Northwest Bancorp	162,578	2,536
*	Pacific Mercantile Bancorp	490,923	2,523
	First Guaranty Bancshares Inc.	140,910	2,504
*	SWK Holdings Corp.	172,716	2,485
	Auburn National Bancorp Inc.	59.198	2,468
	American River Bankshares	184,160	2,422
	Oak Valley Bancorp	141,641	2,354
	Federal Agricultural Mortgage Corp. Class A	35,652	2,326
	BankFinancial Corp.	263,321	2,312
*	Great Elm Group Inc.	837,425	2,295
*	Siebert Financial Corp.	540,866	2,272
	Associated Capital Group Inc. Class A	64,436	2,263
	Greene County Bancorp Inc.	88,514	2,256
	United Security Bancshares	319,796	2,255
	Nexpoint Real Estate Finance Inc.	131,900	2,179
	Ohio Valley Banc Corp.	88,132	2,080
	Plumas Bancorp	87,896	2,066
	Bank7 Corp.	140,514	1,995
	County Bancorp Inc.	90,149	1,990
	Partners Bancorp	304,800	1,981
*	Consumer Portfolio Services Inc.	444,873	1,886
*	Hallmark Financial Services Inc.	520,624	1,853
*	Randolph Bancorp Inc.	80,909	1,785
	Old Point Financial Corp.	93,609	1,775
	BM Technologies Inc.	123,019	1,727
	Sterling Bancorp Inc.	370,328	1,681

			Market Value
		Shares	(\$000)
	FedNat Holding Co.	279,982	1,657
	Salisbury Bancorp Inc.	43,118	1,607
*	BBX Capital Inc.	277,597	1,580
*	Security National Financial Corp. Class A	188,168	1,571
	Union Bankshares Inc.	60,661	1,560
	Colony Bankcorp Inc.	105,757	1,549
	Sachem Capital Corp.	369,704	1,538
	Franklin Financial Services Corp.	56,128	1,517
*	FFBW Inc.	139,598	1,390
	Kingstone Cos. Inc.	202,133	1,344
	AmeriSery Financial Inc.	423,906	1,327
	Manhattan Bridge Capital Inc.	253,464	1,321
	Value Line Inc.	39,223	1,293
	US Global Investors Inc. Class A	235,515	1,284
	Severn Bancorp Inc.	177,711	1,269
	CF Bankshares Inc.	69,650	1,200
	Landmark Bancorp Inc.	52,201	1,193
	Hennessy Advisors Inc.	136,122	1,161
	Riverview Financial Corp.	120,668	1,104
*	Nicholas Financial Inc.	124,481	1,043
*	Bogota Financial Corp.	116,190	1,035
	Sound Financial Bancorp Inc.	32,368	1,028
	IF Bancorp Inc.	46,727	1,006
*,1	GWG Holdings Inc.	137,273	960
, .	Bank of South Carolina Corp.	57,616	924
	Cortland Bancorp	48,247	898
*	CBM Bancorp Inc.	66,233	880
*	Rhinebeck Bancorp Inc.	95,526	816
*	Impac Mortgage Holdings Inc.	244,016	742
1	Limestone Bancorp Inc.	56,772	713
,	Emclaire Financial Corp.	21,425	668
	Elmira Savings Bank	52,075	599
	Broadway Financial Corp.	291,631	539
	HV Bancorp Inc.	26,133	449
	Community First Bancshares Inc.	38,693	375
	Altisource Asset Management Corp.	15,364	362
* 4	Guaranty Federal Bancshares Inc.	20,761	356
*,1	Ashford Inc.	38,757	333
•	National Holdings Corp.	96,260	292
_	Summit State Bank	21,601	286
	FG Financial Group Inc.	34,257	145
1	Mid-Southern Bancorp Inc.	8,848	127
,	Lake Shore Bancorp Inc.	5,900	77
*	Cohen & Co. Inc.	3,400	56
,	Oconee Federal Financial Corp.	1,919	49
*	Kingsway Financial Services Inc.	9,484	45
*	Medley Management Inc. Class A	3,709	30
	Protective Insurance Corp.	1,535	23
*	National Holdings Corp. Warrants Exp. 01/18/2022	92,151	12
*	Village Bank & Trust Financial Corp.	200	7
	Washington Prime Group Inc.	2	_
*,2	Frontier Financial Corp.	1 _	 113,673,473
Heal	th Care (13.51%)		113,073,473
	Johnson & Johnson	74,205,534	11,678,467
	UnitedHealth Group Inc.	26,742,136	9,377,932
	Merck & Co. Inc.	71,326,645	5,834,520
	Pfizer Inc.	156,686,034	5,767,613
	Abbott Laboratories	49,962,922	5,470,440
	AbbVie Inc.	49,771,582	5,333,025
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		Market Value
	Shares	(\$000)
Thermo Fisher Scientific Inc.	11,173,053	5,204,185
Medtronic plc	37,922,340	4,442,223
Eli Lilly & Co.	24,271,804	4,098,051
Danaher Corp.	18,025,035	4,004,081
Bristol-Myers Squibb Co.	63,734,382	3,953,444
Amgen Inc.	16,416,065	3,774,382
* Intuitive Surgical Inc.	3,314,896	2,711,916
Stryker Corp.	9,534,677	2,336,377
Anthem Inc.	7,010,652	2,251,050
Zoetis Inc.	13,406,156	2,218,719
Cigna Corp.	10,186,672	2,120,661
Gilead Sciences Inc.	35,353,013	2,059,667
Becton Dickinson & Co.	8,177,871	2,046,267
* Vertex Pharmaceuticals Inc.	7,349,132	1,736,894
* Edwards Lifesciences Corp.	17,568,067	1,602,735
Humana Inc.	3,730,344	1,530,448
* Illumina Inc.	4,116,696	1,523,178
* Boston Scientific Corp.	40,389,344	1,451,997
* Regeneron Pharmaceuticals Inc.	2,809,583	1,357,338
HCA Healthcare Inc. * IDEXX Laboratories Inc.	7,631,781	1,255,123
	2,406,662	1,203,018
Baxter International Inc.	14,330,080	1,149,846
* Align Technology Inc.	2,000,663	1,069,114
* Biogen Inc.	4,342,762	1,063,369
* Veeva Systems Inc. Class A	3,816,293	1,038,986
Agilent Technologies Inc.	8,636,855	1,023,381
* DexCom Inc.	2,709,113	1,001,613
* Centene Corp.	16,350,273	981,507
* IQVIA Holdings Inc. * Moderna Inc.	5,404,606	968,343
* Alexion Pharmaceuticals Inc.	8,919,968 5,870,942	931,869 917,276
Zimmer Biomet Holdings Inc.	5,841,828	900,167
ResMed Inc.	4,085,074	868,323
* Teladoc Health Inc.	3,677,746	735,402
Cerner Corp.	8,637,340	677,858
* Seagen Inc.	3,807,417	666,831
* Viatris Inc.	34,520,243	646,909
* Exact Sciences Corp.	4,480,648	593,641
West Pharmaceutical Services Inc.	1,986,942	562,921
* Laboratory Corp. of America Holdings	2,745,764	558.900
Cooper Cos. Inc.	1,505,761	547,073
Teleflex Inc.	1,314,862	541,158
* Hologic Inc.	7,252,803	528,222
* Catalent Inc.	4,630,363	481,882
* Insulet Corp.	1,855,810	474,401
* Incyte Corp.	5,256,665	457,225
* Horizon Therapeutics plc	6,222,894	455,205
STERIS plc	2,399,343	454,771
PerkinElmer Inc.	3,166,071	454,331
Quest Diagnostics Inc.	3,796,496	452,428
* Varian Medical Systems Inc.	2,583,857	452,201
* BioMarin Pharmaceutical Inc.	5,137,126	450,475
Cardinal Health Inc.	8,269,106	442,893
* Alnylam Pharmaceuticals Inc.	3,281,885	426,547
* Novocure Ltd.	2,433,581	421,107
* ABIOMED Inc.	1,272,858	412,661
* Elanco Animal Health Inc.	13,327,577	408,757
* Avantor Inc.	13,887,226	390,925
* Masimo Corp.	1,395,439	374,508
* Sarepta Therapeutics Inc.	2,116,466	360,836
* Molina Healthcare Inc.	1,677,836	356,842

Charles River Laboratories International Inc.				Market
Bio-Rechne Corp. 1,687,579 345,581			Shares	Value (\$000)
Bio-Rad Laborations Inc. Class A 588,394 343,881 GENTSPEY SHONA Inc. 6,180,588 223,814 GENTSPEY SHONA Inc. 2,295,295 308,704 10K Genomics Inc. Class A 2,025,003 237,645 10K Genomics Inc. Class B 2,067,400 237,023 237,645 201,000 237,000 2	*		1,407,302	351,628
DENTSPLY SIRONA Inc. Quardent Health Inc. Quardent Health Inc. Quardent Health Inc. Quardent Health Services Inc. Class B Quartent Part Inc. Class B Quartent Part Inc. Class B Quartent Part Inc. Quarte				
Guardant Health Inc.	*			
10K Genomics Inc. Class A				
Universal Haelth Services Inc. Class B 2.097,480 287,029	*			
Mirati Therapeutos Inc. 1,275,198 280,304 Amoedisys Inc. 916,361 287,346 Amoedisys Inc. 1,314,391 255,709 Neurocinne Brosciences Inc. 1,845,578 283,803 Jazz Pharmaseuticals pilc 2,687,915 258,098 Dalvia Inc. 2,058,068 241,617 Chemed Corp. 448,409 233,827 Encompass Heelth Corp. 2,813,104 232,616 Ultragency Pharmaceutical Inc. 1,863,924 220,337 PRA Health Sciences Inc. 1,806,578 226,617 Natro Inc. 2,863,836 212,486 Lonis Pharmaceuticals Inc. 2,836,836 212,488 Arrowhead Pharmaceuticals Inc. 2,748,622 210,002 Invited Corp. 4,731,821 197,837 Invited Corp. 4,731,821 197,837 Acceleror Pharma Inc. 1,278,662 193,448 Acceleror Pharma Inc. 1,204,702 193,449 Acceleror Pharma Inc. 2,942,702 193,006 Feb I Therapeutics Inc. 2,942,702	*			
Henry Schein Inc.				
Amedisys Inc. 915,361 288,796 Replican Corp. 1,334,391 255,709 Neurocino Biosciences Inc. 1,648,578 248,645 Da Vita Inc. 2,088,068 241,617 Chemed Corp. 448,409 228,827 Encompass Health Corp. 1,813,104 229,616 Ultragency Pharmacoutical Inc. 1,806,578 226,617 PRA Health Sciences Inc. 1,806,578 226,617 Natra Inc. 1,806,578 226,617 Inc. 2,536,835 212,485 Inc. 2,536,835 212,485 Inc. 2,536,835 212,485 Accorder Pharmacouticals Inc. 2,748,602 210,002 Invitac Corp. 4,731,821 197,837 Accoleron Pharma Inc. 1,278,602 198,488 Accoleron Pharma Inc. 1,278,602 198,488 Accoleron Pharma Inc. 1,201,478 198,488 Accoleron Pharma Inc. 1,201,478 190,206 Invited Therapoutics Inc. 1,202,776 190,206 Invited Th	*		· · ·	
Repligen Corp. 1,334,391 255,700 Neurorine Biosciences Inc. 264,916 268,805 Jazz Pharmaceuticals plc 1,495,578 246,815 DeVita Inc. (2,686,806 241,817 Chemed Corp. 448,409 238,827 Encompass Health Corp. 1,660,924 230,337 PRA Health Sciences Inc. 1,660,924 20,337 PRA Inc. 2,165,148 215,476 Natera Inc. 2,165,148 215,476 Denal Therapeutics Inc. 3,757,123 212,485 In onis Pharmaceuticals Inc. 3,757,123 212,485 Arowhead Pharmaceuticals Inc. 3,757,123 212,485 Arowhead Pharmaceuticals Inc. 1,799,494 200,155 10 Intractory 1,799,494 200,155 11 Intractory 1,827,969 195,488 Adaptive Biotechnologies Inc. 1,527,969 195,488 Adaptive Biotechnologies Inc. 3,071,277 190,296 16 Fate Therapeutics Inc. 3,071,277 182,256 10 Unided Therapeutics Inc. 3,072,071<	*			
Neuroetine Biosciences Inc. 2,647,915 25,8303 342 342 345	*			
DeVira Inc.	*			
DeVita Inc.	*			
Chemed Corp. 484,499 238,227 (s) Encompass Health Corp. 1,863,924 230,337 PRA Health Sciences Inc. 1,806,578 220,617 Natora Inc. 2,536,835 212,486 Denell Therapeutics Inc. 2,536,835 212,486 I onis Pharmaceuticals Inc. 3,757,123 212,428 Arrowhead Pharmaceuticals Inc. 2,748,622 210,902 I Nowaya Inc. 1,799,494 200,155 I Invitac Corp. 4,731,821 197,837 Acceleron Pharma Inc. 3,264,703 193,448 Acceleron Pharma Inc. 3,264,703 193,448 Acceleron Pharma Inc. 3,274,702 190,268 Acceleron Pharma Inc. 3,312,776 182,338 Acceleron Pharma Inc. 3,312,776 182,338 Acceleron Pharma Inc. 3,314,422 190,006 Hill-Rom Holdings Inc. 1,525,008 190,006 Hill-Rom Holdings Inc. 3,512,776 182,735 Quidel Corp. 1,009,108 181,295 LHC Group Inc. 3,452,275	*	·		
Encompass Health Corp.	*			
Ultragenry, Pharmaceutical Inc. 1,868,578 226,817 PRA Incath Sciences Inc. 2,165,148 215,476 Densi Therapeutics Inc. 2,538,835 212,428 Lons Pharmaceuticals Inc. 3,757,123 212,428 Arrowhead Pharmaceuticals Inc. 2,748,622 210,802 Novax Inc. 1,794,949 200,155 Invitae Corp. 4,731,821 197,837 Acceleron Pharma Inc. 1,527,969 195,488 Acquain Recompliance Corp. 4,731,821 197,837 Acquain Technologies Corp. 1,527,969 195,488 Adaptive Biotechnologies Corp. 1,527,969 195,488 Fate Therapeutics Inc. 2,907,75 190,296 United Therapeutics Corp. 1,253,096 190,296 United Therapeutics Inc. 2,907,75 190,296 United Therapeutics Inc. 1,881,147 184,296 United Therapeutics Inc. 3,127,69 182,276 Cuidel Corp. 1,009,158 181,295 Uff. Group Inc. 3,845,207 182,236 United Therapeutics Inc. 3,371,422 180,236 Blueprint Medicines Corp. 1,909,168 181,295 HLK Group Inc. 3,371,422 180,236 Blueprint Medicines Corp. 1,909,168 181,295 Exclusion Inc. 3,740,022 175,586 Exclusion Inc. 3,740,022 175,586 Exclusion Inc. 3,884,011 172,351 Penumbra Inc. 3,884,011 172,351				
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* Turning Point Therapeutics Inc. 1,025,406 124,946	*			
Acadia Healthcare Co. Inc. 2,481,619 124,726				
	^	Acadia Healthcare Co. Inc.	2,481,619	124,726

			Market Value
		Shares	(\$000)
*	Kodiak Sciences Inc.	845,282	124,180
*	Editas Medicine Inc.	1,756,907	123,177
	Premier Inc. Class A	3,429,765	120,385
*	Emergent BioSolutions Inc.	1,341,846	120,229
*	ICU Medical Inc.	557,842	119,652
*	Tenet Healthcare Corp.	2,978,774	118,942
*	PPD Inc.	3,457,263	118,308
*	Neogen Corp.	1,490,969	118,234
*	PTC Therapeutics Inc.	1,920,057	117,181
*	Medpace Holdings Inc.	803,093	111,791
	Ensign Group Inc.	1,435,586	104,683
*	STAAR Surgical Co.	1,292,565	102,397
	Apellis Pharmaceuticals Inc.	1,715,239	98,112
	1Life Healthcare Inc.	2,243,628	97,934
*	Insmed Inc.	2,877,748	95,800
*	CareDx Inc.	1,313,586	95,169
*	Reata Pharmaceuticals Inc. Class A	741,814	91,703
	HMS Holdings Corp.	2,482,354	91,227
*	CONMED Corp.	808,471	90,549
*	ChemoCentryx Inc.	1,460,770	90,451
*	Glaukos Corp. Alkermes plc	1,194,189	89,875
*	Shockwave Medical Inc.	4,497,876	89,733
*	Nektar Therapeutics Class A	864,500 5,087,284	89,666 86,484
*	FibroGen Inc.	2,308,164	85,610
*	Intellia Therapeutics Inc.	1,537,701	83,651
*	NanoString Technologies Inc.	1,245,081	83,271
*	Select Medical Holdings Corp.	2,999,433	82,964
*,1	Multiplan Corp.	10,351,665	82,710
*	Merit Medical Systems Inc.	1,483,018	82,322
*	Bluebird Bio Inc.	1,896,749	82,072
*	NuVasive Inc.	1,451,928	81,787
*	Veracyte Inc.	1,614,729	79,025
*	Arvinas Inc.	916,804	77,864
*	Agios Pharmaceuticals Inc.	1,773,503	76,846
*	Corcept Therapeutics Inc.	2,933,815	76,749
*	Global Blood Therapeutics Inc.	1,753,255	75,933
	Cantel Medical Corp.	954,830	75,298
*	Integer Holdings Corp.	923,466	74,976
*	R1 RCM Inc.	3,079,608	73,972
	Patterson Cos. Inc.	2,454,532	72,728
*,1	Beam Therapeutics Inc.	887,162	72,428
*	Xencor Inc.	1,613,823	70,411
*	Axsome Therapeutics Inc.	839,796	68,418
*	Pacira BioSciences Inc.	1,136,204	67,990
*	AtriCure Inc.	1,198,518	66,721
*	BioTelemetry Inc.	910,677	65,642
*	Intra-Cellular Therapies Inc.	2,016,231	64,116
*	Deciphera Pharmaceuticals Inc.	1,112,886	63,512
*	Avanos Medical Inc.	1,335,540	61,275
*	Rocket Pharmaceuticals Inc.	1,103,877	60,537
*	Healthcare Services Group Inc.	2,074,025	58,280
*	Kura Oncology Inc.	1,743,609	56,946
*	MEDNAX Inc.	2,302,200	56,496
*	Heron Therapeutics Inc.	2,581,442	54,636
*	Silk Road Medical Inc.	848,101	53,413
*	Maravai LifeSciences Holdings Inc. Class A	1,885,350	52,884
	Magellan Health Inc.	634,247	52,541
*	Owens & Minor Inc.	1,932,212	52,266
*	REVOLUTION Medicines Inc.	1,313,010	51,982 51,285
	Progyny Inc.	1,209,828	51,285

			Market
		Shares	Value (\$000)
*	Immunovant Inc.	1,102,822	50,939
*	Revance Therapeutics Inc.	1,777,834	50,384
*	Eidos Therapeutics Inc.	382,862	50,377
*	Providence Service Corp.	354,850	49,193
*	Sangamo Therapeutics Inc.	3,143,407	49,053
*	Karuna Therapeutics Inc.	482,203	48,987
*	Addus HomeCare Corp.	417,272	48,858
*	Ironwood Pharmaceuticals Inc. Class A	4,273,148	48,671
*	Prestige Consumer Healthcare Inc.	1,385,420	48,310
*,1	Vir Biotechnology Inc.	1,799,671	48,195
*	GoodRx Holdings Inc. Class A	1,175,786	47,431
*	Endo International plc	6,504,813	46,705
*,1	Sorrento Therapeutics Inc.	6,811,586	46,489
*	Cardiovascular Systems Inc.	1,061,711	46,460
_	Mersana Therapeutics Inc.	1,720,770	45,790
*	Inari Medical Inc.	524,545	45,788
	Allogene Therapeutics Inc.	1,771,800	44,720
*,1	Atara Biotherapeutics Inc.	2,230,312	43,781
, '	Ligand Pharmaceuticals Inc.	433,724	43,134
*,1	US Physical Therapy Inc.	357,597	43,001
*	American Well Corp. Class A	1,686,004	42,706
*	AdaptHealth Corp. Class A Y-mAbs Therapeutics Inc.	1,134,461 860,365	42,610 42,597
*	Ocular Therapeutics Inc.	2,019,158	42,597
*,1	Inovio Pharmaceuticals Inc.	4,722,101	41,797
*	Zentalis Pharmaceuticals Inc.	802,049	41,658
*,1	OPKO Health Inc.	10,484,847	41,415
*	Pennant Group Inc.	710,223	41,236
*	REGENXBIO Inc.	892,753	40,495
*	Seres Therapeutics Inc.	1,644,956	40,301
*	Myriad Genetics Inc.	2,030,869	40,160
*	Dicerna Pharmaceuticals Inc.	1,792,512	39,489
*	Health Catalyst Inc.	902,034	39,266
*	Cytokinetics Inc.	1,887,150	39,215
*	Vericel Corp.	1,266,248	39,102
*	Phreesia Inc.	711,511	38,607
*	Travere Therapeutics Inc.	1,406,241	38,327
*	Codexis Inc.	1,704,995	37,220
*,1	BioCryst Pharmaceuticals Inc.	4,950,793	36,883
*	Inovalon Holdings Inc. Class A	2,009,343	36,510
*	Axonics Modulation Technologies Inc.	727,609	36,322
*	Heska Corp.	248,660	36,217
*	Evolent Health Inc. Class A	2,213,399	35,481
*	Supernus Pharmaceuticals Inc.	1,405,926	35,373
*	Translate Bio Inc.	1,907,563	35,156
*	MacroGenics Inc.	1,513,965	34,609
*	ImmunoGen Inc.	5,342,825	34,461
*	Castle Biosciences Inc.	506,796	34,031
*	Arcus Biosciences Inc.	1,288,026	33,437
*	Rhythm Pharmaceuticals Inc.	1,114,935	33,147
*	Coherus Biosciences Inc.	1,902,345	33,063
*	Quanterix Corp.	708,052	32,924
*	Cerus Corp.	4,689,503	32,451
*	Sotera Health Co.	1,176,192	32,275
*	Zogenix Inc.	1,602,432	32,033
*,1	Berkeley Lights Inc.	355,682	31,802
* -	Scholar Rock Holding Corp.	650,306	31,559
*,1	Madrigal Pharmaceuticals Inc.	282,997	31,461
*,1	SmileDirectClub Inc.	2,608,663	31,147
*	Stoke Therapeutics Inc.	501,183 763,510	31,038
	Replimune Group Inc.	762,519	29,090

			Market Value
		Shares	(\$000)
*	Certara Inc.	862,096	29,070
*	SpringWorks Therapeutics Inc.	400,049	29,012
*	Option Care Health Inc.	1,847,278	28,891
*	Arcturus Therapeutics Holdings Inc.	659,408	28,605
*	BioLife Solutions Inc. NextGen Healthcare Inc.	714,930	28,519
	Luminex Corp.	1,551,669 1,213,451	28,302 28,055
*,1	Frequency Therapeutics Inc.	793,650	27,984
*	CorVel Corp.	261,206	27,688
*	Karyopharm Therapeutics Inc.	1,786,637	27,657
*	GenMark Diagnostics Inc.	1,875,383	27,381
*	Keros Therapeutics Inc.	385,435	27,189
*	Adverum Biotechnologies Inc.	2,478,155	26,863
*	Theravance Biopharma Inc.	1,466,437	26,059
	Atrion Corp.	40,191	25,812
*,1	Tabula Rasa HealthCare Inc.	591,827	25,354
*	Epizyme Inc.	2,322,181	25,219
*	Viela Bio Inc.	696,926	25,068
*	Syndax Pharmaceuticals Inc.	1,111,480	24,719
*	Lantheus Holdings Inc. CryoLife Inc.	1,819,233 1,026,448	24,541 24,234
*	Alector Inc.	1,594,488	24,234
*	Community Health Systems Inc.	3,238,375	24,123
*	ALX Oncology Holdings Inc.	278,951	24,046
*	Outset Medical Inc.	421,916	23,982
*,1	Omeros Corp.	1,671,189	23,873
*	Inogen Inc.	527,891	23,586
*	Pulmonx Corp.	341,561	23,575
*	Personalis Inc.	643,727	23,567
	National HealthCare Corp.	353,873	23,501
*	Alphatec Holdings Inc.	1,612,845	23,419
*	Brookdale Senior Living Inc.	5,272,084	23,355
*	Constellation Pharmaceuticals Inc.	810,695	23,348
*,1	Athenex Inc.	2,104,267	23,273
*,1	IGM Biosciences Inc. PMV Pharmaceuticals Inc.	261,849 374,543	23,119 23,038
*	Tivity Health Inc.	1,174,267	23,036
*	Krystal Biotech Inc.	383,252	22,995
*	Radius Health Inc.	1,278,527	22,834
*	Tactile Systems Technology Inc.	506,494	22,762
*	MiMedx Group Inc.	2,501,200	22,711
*	Hanger Inc.	1,031,394	22,680
*	RadNet Inc.	1,146,907	22,445
*	Sutro Biopharma Inc.	1,031,042	22,384
*	Orthofix Medical Inc.	518,670	22,292
* 1	Meridian Bioscience Inc.	1,189,746	22,236
*,1	Precigen Inc.	2,174,701	22,182
*,1	ProtagonistTherapeutics Inc. PetIQ Inc. Class A	1,094,156 569,569	22,058 21,900
*	Enanta Pharmaceuticals Inc.	515,647	21,709
*,1	Shattuck Labs Inc.	409,810	21,478
*	OraSure Technologies Inc.	2,019,547	21,377
*	SI-BONE Inc.	709,306	21,208
*	Relay Therapeutics Inc.	501,879	20,858
*	Amphastar Pharmaceuticals Inc.	1,031,425	20,742
*	Black Diamond Therapeutics Inc.	629,825	20,186
*	Innoviva Inc.	1,626,645	20,154
*	Kadmon Holdings Inc.	4,853,257	20,141
*	Intersect ENT Inc.	873,499	20,003
*	Intercept Pharmaceuticals Inc.	800,799	19,780
*,1	Esperion Therapeutics Inc.	758,370	19,718

			Market
		Shares	Value (\$000)
	LeMaitre Vascular Inc.	484,921	19,639
*,1	Fulgent Genetics Inc.	375,190	19,547
*	Accolade Inc.	447,750	19,477
*	Celldex Therapeutics Inc.	1,108,985	19,429
*	Albireo Pharma Inc.	516,900	19,389
*	Avid Bioservices Inc.	1,670,143	19,273
*	Provention Bio Inc.	1,134,414	19,217
*	Five Prime Therapeutics Inc.	1,128,425	19,195
*	TCR2 Therapeutics Inc.	618,446	19,129
*	Bioxcel Therapeutics Inc.	413,758	19,116
*	MannKind Corp.	6,054,695	18,951
*	Vanda Pharmaceuticals Inc.	1,438,877	18,907
*	Natus Medical Inc.	943,030	18,898
*	Curis Inc.	2,266,214	18,560
*	Surgery Partners Inc.	639,444	18,550
*	Varex Imaging Corp.	1,086,509	18,123
*	Axogen Inc.	1,009,830	18,076
*	Collegium Pharmaceutical Inc.	901,060	18,048
*	Cardiff Oncology Inc.	998,625	17,965
*	Anika Therapeutics Inc.	393,398	17,805
*	Cara Therapeutics Inc.	1,175,401	17,784
*	Aerie Pharmaceuticals Inc.	1,312,461	17,731
*,1	Praxis Precision Medicines Inc.	320,796	17,650
*	NGM Biopharmaceuticals Inc.	582,308	17,641
*	Cerevel Therapeutics Holdings Inc.	1,063,100	17,626
*	IVERIC bio Inc.	2,516,695	17,390
*	Gossamer Bio Inc.	1,769,401	17,110
	National Research Corp.	399,247	17,068
*,1	Vaxart Inc.	2,954,374	16,869
*	Arcutis Biotherapeutics Inc.	598,560	16,837
*	Antares Pharma Inc.	4,181,160	16,683
*	Seer Inc.	296,611	16,652
*,1	Humanigen Inc.	950,100	16,627
*,1	Allovir Inc.	432,415	16,622
*	Rigel Pharmaceuticals Inc.	4,731,676	16,561
*	HealthStream Inc.	749,619	16,372
*	Phathom Pharmaceuticals Inc.	488,294	16,221
* .	Forma Therapeutics Holdings Inc.	459,614	16,041
*,1	ZIOPHARM Oncology Inc.	6,220,613	15,676
	Surmodics Inc.	356,264	15,505
_	Amneal Pharmaceuticals Inc.	3,379,238	15,443
_	ORIC Pharmaceuticals Inc.	455,846	15,430
*	Olema Pharmaceuticals Inc.	318,296	15,304
*	OrthoPediatrics Corp.	370,846	15,297
*,1	Eagle Pharmaceuticals Inc.	328,292	15,289
*	BioNano Genomics Inc.	4,945,464	15,232
*	AngioDynamics Inc.	985,795	15,112
*	Ardelyx Inc.	2,320,549	15,014
*	Nkarta Inc.	243,846	14,989
*	G1 Therapeutics Inc.	831,198	14,953
*	Passage Bio Inc.	569,786	14,569
*	AnaptysBio Inc.	677,180	14,559
*	Flexion Therapeutics Inc.	1,257,173	14,508
*,1	Apollo Medical Holdings Inc.	787,857	14,394
*	Geron Corp.	8,900,597	14,152
*	Triple-S Management Corp. Class B Kronos Bio Inc.	662,713	14,149
*,1	Atea Pharmaceuticals Inc.	471,068 236,745	14,071
*	Atea Pharmaceuticais inc. Morphic Holding Inc.	336,745 415,338	14,069 13,935
*	Prelude Therapeutics Inc.	193,411	13,935
*	Kinnate Biopharma Inc.	347,581	13,839
	кіннаге віорнанна інс.	347,081	13,847

				Market Value
1			Shares	(\$000)
Prevail Therapeutics Inc. 594,373 13,712 Ontask Inc. 215,434 13,348 I Tiose Therapeutics Inc. 383,498 13,308 Avrobia Inc. 937,6651 13,071 Atrice Inc. Class A 798,662 12,898 Cutora Inc. 383,254 12,891 Nurix Therapeutics Inc. 383,254 12,601 Adhian Pharmare 383,276 12,471 Aponus Inc. 383,276 12,473 Aponus Inc. 383,276 12,233 Nartix Section Inc. 383,276 12,233 Nartix Section Inc. 618,157 12,333 Aponus Inc. 618,157 12,202 Aponus Inc.	*	Spectrum Pharmaceuticals Inc.	4,047,511	13,802
1	*,1	Vapotherm Inc.	512,820	13,774
1 Ticos Therapouties Inc. 393,498 13,308 A Arcibol Inc. 397,651 13,711 A Treca Inc. Class A 798,662 12,898 Nurix Therapouties Inc. 383,334 12,801 Aphire Phema Inc. 383,792 12,479 Aphire Phema Inc. 383,792 12,433 Natt/Swet Inc. 90,513 12,270 Tinan-Medics Group Inc. 616,157 12,282 Akrof Therapoutics Inc. 472,701 12,196 Volume Inc. 6637,849 12,147 Cougen Inc. 6637,849 12,147 Kinksa Pharmaceuticals Ltd. Class A 681,055 12,012 Versitem Inc. 510,393 1,395 Durect Corp. 510,393 1,395 Versitem Inc. 240,403 11,305 Durect Corp. 570,306 11,305 Vacyte Inc. 240,403 11,730 Broblinery Sciences International Inc. 240,403 11,730 Broblinery Sciences Inc. 240,403 11,730 Broblinery Sciences Inc.	*	Prevail Therapeutics Inc.	594,373	13,712
A Arobio Inc. 937,651 13,071 A Atroca Inc. Class A 798,662 12,898 C Lotra Inc. 530,330 12,796 A Marin Fharma Inc. 363,792 12,790 A Aprina Inc. 363,792 12,437 A Marin Fharma Inc. 390,513 12,270 Akero Therapeutics Inc. 616,157 12,220 Akero Therapeutics Inc. 637,849 12,141 Cugan Inc. 638,7849 12,141 Fluidigm Corp. 2,192,55 12,116 Kinkiss Pharmaceuticals Ltd. Class A 681,085 12,052 Variastem Inc. 5,133,997 11,958 Dynawa Technologies Corp. 2,699,285 12,116 Variastem Inc. 5,133,997 11,958 Durect Corp. 5,703,006 13,816 Variastem Inc. 5,133,997 11,958 Durect Corp. 5,703,006 13,816 Vasoyte Inc. 443,459 11,730 Inc. 13,997 11,958 Vasoyte Inc. 443,459 11,730	*,1	Ontrak Inc.	215,943	13,343
*** Arrea Inc. Class A 798,662 12,898 *** Cutrar Inc. 593,030 12,786 *** Nurk Therspeutes Inc. 383,294 12,601 *** Agenus Inc. 380,798 12,601 *** Agenus Inc. 380,798 12,303 *** Nantkwest Inc. 90,613 12,203 *** Trans Medies Group Inc. 472,701 12,108 *** Ougen Inc. 472,701 12,108 *** Ougen Inc. 46,837,849 12,147 *** Fluidsgronce 2,019,255 12,118 *** Kinkes Pharmacuticals Ltd. Class A 681,085 12,015 *** Universal Corp. 2,683,2849 12,147 *** Universal Corp. 5,703,086 11,085 *** Engage Duc. 2,445,681 11,730 *** Engage Duc. 2,445,681 11,730 *** E	*	iTeos Therapeutics Inc.	393,498	13,308
1. Cutera Inc. \$30,330 12,786 Nutri Therapeutics Inc. 383,794 12,617 A Apria Pharma Inc. 383,792 12,437 A Aperus Inc. 389,7982 12,387 Nutri Robate Inc. 616,157 12,226 Akoro Therapeutics Inc. 616,157 12,227 Akoro Therapeutics Inc. 683,7849 12,147 I pludigm Corp. 683,7849 12,147 Kinkiss Pharmaceuticals Ltd. Class A 6810,885 12,012 Kinkiss Pharmaceuticals Ltd. Class A 6810,885 12,012 Duract Corp. 5,633,997 11,958 Duract Corp. 5,703,036 11,958 Vaxayste Inc. 4,44,459 11,730 Vaxyste Inc. 4,44,459 11,730 Duract Corp. 5,703,036 11,863 Vaxyste Inc. 4,44,459 11,730 I practical Corp. 4,44,459 11,730 I practical Corp. 9,50,964 11,673 I practical Corp. 9,50,964 11,678 Practical Corp.	*			
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**** Calithera Biosciences Inc. 2,130,062 10,459 **** Aligos Therapeutics Inc. 375,417 10,380 **** Akebia Therapeutics Inc. 3,702,882 10,368 **** In 66,782 10,340 **** Viking Therapeutics Inc. 1,821,857 10,257 **** Puma Biotechnology Inc. 985,915 10,115 **** DermTech Inc. 311,247 10,097 **** Accuray Inc. 2,408,001 10,41 **** CytoSorbents Corp. 1,257,534 10,023 **** Molecular Templates Inc. 1,062,361 9,976 **** Athersys Inc. 2,591,339 9,899 **** ViewRay Inc. 2,591,339 9,899 **** Forte Biosciences Inc. 264,488 9,630 **** Concert Pharmaceuticals Inc. 754,566 9,538 **** Applied Molecular Transport Inc. 309,182 9,514 **** Applied Molecular Transport Inc. 4,431,569 9,484 **** SIGA Technologies Inc. 1,303,193 9,474 <td>*</td> <td></td> <td>, , , , , , , , , , , , , , , , , , , ,</td> <td>,</td>	*		, , , , , , , , , , , , , , , , , , , ,	,
*** Aligos Therapeutics Inc. 375,417 10,380 *** Akebia Therapeutics Inc. 3,702,882 10,368 **** Kymera Therapeutics Inc. 166,782 10,340 **** Viking Therapeutics Inc. 1,821,857 10,257 *** Puma Biotechnology Inc. 985,915 10,115 *** DermTech Inc. 311,247 10,097 *** Accuray Inc. 2,408,001 10,041 *** CytoSorbents Corp. 1,257,534 10,023 *** Molecular Templates Inc. 1,062,361 9,976 *** Athersys Inc. 5,667,170 9,918 *** ViewRay Inc. 2,591,339 9,899 Utah Medical Products Inc. 116,122 9,789 *** Forte Biosciences Inc. 264,488 9,630 *** Concert Pharmaceuticals Inc. 754,566 9,538 *** Anavex Life Sciences Corp. 1,764,601 9,529 *** Applied Molecular Transport Inc. 4,431,569 9,484 *** SIGA Technologies Inc. 1,303,193 9,474	*	·		
**** Akebia Therapeutics Inc. 3,702,882 10,368 **** Kymera Therapeutics Inc. 166,782 10,340 **** Viking Therapeutics Inc. 1,821,857 10,257 *** Puma Biotechnology Inc. 985,915 10,115 ** DermTech Inc. 311,247 10,097 ** Accuray Inc. 2,408,001 10,041 ** Cyto Sorbents Corp. 1,257,534 10,023 * Molecular Templates Inc. 1,062,361 9,976 ** Athersys Inc. 5,667,170 9,918 ** ViewRay Inc. 2,591,339 9,899 ** Utah Medical Products Inc. 116,122 9,789 ** Forte Biosciences Inc. 264,488 9,630 ** Forte Biosciences Inc. 264,488 9,630 ** Anavex Life Sciences Corp. 1,764,601 9,528 ** Applied Molecular Transport Inc. 309,182 9,514 ** Trevena Inc. 4,431,569 9,484 * SIGA Technologies Inc. 1,303,193 9,474	*			
************************************	*	Akebia Therapeutics Inc.	3,702,882	
****1 Viking Therapeutics Inc. 1,821,857 10,257 *** Puma Biotechnology Inc. 985,915 10,115 *** DermTech Inc. 311,247 10,097 *** Accuray Inc. 2,408,001 10,041 ** CytoSorbents Corp. 1,257,534 10,023 ** Molecular Templates Inc. 1,062,361 9,976 *** ViewRay Inc. 5,667,170 9,918 *** ViewRay Inc. 2,591,339 9,899 Utah Medical Products Inc. 116,122 9,789 *** Forte Biosciences Inc. 264,488 9,630 *** Concert Pharmaceuticals Inc. 754,566 9,538 *** Anavex Life Sciences Corp. 1,764,601 9,529 *** Applied Molecular Transport Inc. 309,182 9,514 *** Trevena Inc. 4,431,569 9,484 *** SIGA Technologies Inc. 1,303,193 9,474	*,1	Kymera Therapeutics Inc.	166,782	10,340
*** DermTech Inc. 311,247 10,097 ** Accuray Inc. 2,408,001 10,041 ** CytoSorbents Corp. 1,257,534 10,023 ** Molecular Templates Inc. 1,062,361 9,976 **.1 Athersys Inc. 5,667,170 9,918 ** ViewRay Inc. 2,591,339 9,899 Utah Medical Products Inc. 116,122 9,789 ** Forte Biosciences Inc. 264,488 9,630 ** Concert Pharmaceuticals Inc. 754,566 9,538 **.1 Anavex Life Sciences Corp. 1,764,601 9,529 **.1 Applied Molecular Transport Inc. 309,182 9,514 **.1 Trevena Inc. 4,431,569 9,484 **.1 SIGA Technologies Inc. 1,303,193 9,474	*,1	Viking Therapeutics Inc.	1,821,857	
*** Accuray Inc. 2,408,001 10,041 *** CytoSorbents Corp. 1,257,534 10,023 *** Molecular Templates Inc. 1,062,361 9,976 **.1 Athersys Inc. 5,667,170 9,918 *** ViewRay Inc. 2,591,339 9,899 Utah Medical Products Inc. 116,122 9,789 *** Forte Biosciences Inc. 264,488 9,630 *** Concert Pharmaceuticals Inc. 754,566 9,538 **.1 Anavex Life Sciences Corp. 1,764,601 9,529 **.1 Applied Molecular Transport Inc. 309,182 9,514 **.1 Trevena Inc. 4,431,569 9,484 **.1 SIGA Technologies Inc. 1,303,193 9,474	*	Puma Biotechnology Inc.	985,915	10,115
**** CytoSorbents Corp. 1,257,534 10,023 *** Molecular Templates Inc. 1,062,361 9,976 **.1 Athersys Inc. 5,667,170 9,918 ** ViewRay Inc. 2,591,339 9,899 Utah Medical Products Inc. 116,122 9,789 ** Forte Biosciences Inc. 264,488 9,630 ** Concert Pharmaceuticals Inc. 754,566 9,538 **.1 Anavex Life Sciences Corp. 1,764,601 9,529 **.1 Applied Molecular Transport Inc. 309,182 9,514 **.1 Trevena Inc. 4,431,569 9,484 * SIGA Technologies Inc. 1,303,193 9,474	*	DermTech Inc.	311,247	10,097
*** Molecular Templates Inc. 1,062,361 9,976 **.1 Athersys Inc. 5,667,170 9,918 ** ViewRay Inc. 2,591,339 9,899 Utah Medical Products Inc. 116,122 9,789 ** Forte Biosciences Inc. 264,488 9,630 ** Concert Pharmaceuticals Inc. 754,566 9,538 *.1 Anavex Life Sciences Corp. 1,764,601 9,529 *.1 Applied Molecular Transport Inc. 309,182 9,514 *.1 Trevena Inc. 4,431,569 9,484 * SIGA Technologies Inc. 1,303,193 9,474	*	Accuray Inc.	2,408,001	10,041
*.1 Athersys Inc. 5,667,170 9,918 * ViewRay Inc. 2,591,339 9,899 Utah Medical Products Inc. 116,122 9,789 * Forte Biosciences Inc. 264,488 9,630 * Concert Pharmaceuticals Inc. 754,566 9,538 *.1 Anavex Life Sciences Corp. 1,764,601 9,529 *.1 Applied Molecular Transport Inc. 309,182 9,514 *.1 Trevena Inc. 4,431,569 9,484 * SIGA Technologies Inc. 1,303,193 9,474	*	CytoSorbents Corp.	1,257,534	10,023
ViewRay Inc. 2,591,339 9,899 Utah Medical Products Inc. 116,122 9,789 * Forte Biosciences Inc. 264,488 9,630 * Concert Pharmaceuticals Inc. 754,566 9,538 *.1 Anavex Life Sciences Corp. 1,764,601 9,529 *.1 Applied Molecular Transport Inc. 309,182 9,514 *.1 Trevena Inc. 4,431,569 9,484 * SIGA Technologies Inc. 1,303,193 9,474	*	Molecular Templates Inc.	1,062,361	9,976
Utah Medical Products Inc. 116,122 9,789 * Forte Biosciences Inc. 264,488 9,630 * Concert Pharmaceuticals Inc. 754,566 9,538 *.1 Anavex Life Sciences Corp. 1,764,601 9,529 *.1 Applied Molecular Transport Inc. 309,182 9,514 *.1 Trevena Inc. 4,431,569 9,484 * SIGA Technologies Inc. 1,303,193 9,474	*,1	Athersys Inc.	5,667,170	9,918
** Forte Biosciences Inc. 264,488 9,630 ** Concert Pharmaceuticals Inc. 754,566 9,538 *.1 Anavex Life Sciences Corp. 1,764,601 9,529 *.1 Applied Molecular Transport Inc. 309,182 9,514 *.1 Trevena Inc. 4,431,569 9,484 * SIGA Technologies Inc. 1,303,193 9,474	*		2,591,339	9,899
** Concert Pharmaceuticals Inc. 754,566 9,538 *.1 Anavex Life Sciences Corp. 1,764,601 9,529 *.1 Applied Molecular Transport Inc. 309,182 9,514 *.1 Trevena Inc. 4,431,569 9,484 * SIGA Technologies Inc. 1,303,193 9,474			116,122	
*.1 Anavex Life Sciences Corp. 1,764,601 9,529 *.1 Applied Molecular Transport Inc. 309,182 9,514 *.1 Trevena Inc. 4,431,569 9,484 * SIGA Technologies Inc. 1,303,193 9,474	*		264,488	
*.1 Applied Molecular Transport Inc. 309,182 9,514 *.1 Trevena Inc. 4,431,569 9,484 * SIGA Technologies Inc. 1,303,193 9,474	*		754,566	
*.1 Trevena Inc. 4,431,569 9,484 * SIGA Technologies Inc. 1,303,193 9,474		·		
* SIGA Technologies Inc. 1,303,193 9,474		• • • • • • • • • • • • • • • • • • • •		
	*,1			
* Crinetics Pharmaceuticals Inc. 654,599 9,236	*			
	*	Crinetics Pharmaceuticals Inc.	654,599	9,236

		Channe	Market Value
	DADTT.	Shares	(\$000)
*	RAPT Therapeutics Inc.	466,063	9,205
	Altimmune Inc.	808,631	9,121
*	Invacare Corp. Homology Medicines Inc.	1,007,876 795,479	9,020
*,1	Pulse Biosciences Inc.	· · · · · · · · · · · · · · · · · · ·	8,981
*	Cue Biopharma Inc.	376,415 713,327	8,981 8,924
*	MEI Pharma Inc.	3,362,832	8,878
*,1	XOMA Corp.	199,047	8,784
*	Aeglea BioTherapeutics Inc.	1,109,895	8,735
*	iCAD Inc.	657,197	8,675
*	InfuSystem Holdings Inc.	459,855	8,636
*	Odonate Therapeutics Inc.	449,649	8,633
*,1	TherapeuticsMD Inc.	7,106,586	8,599
*	Chinook Therapeutics Inc.	542,166	8,599
*,1	Evelo Biosciences Inc.	699,285	8,454
*	Otonomy Inc.	1,295,611	8,383
*,1	Paratek Pharmaceuticals Inc.	1,292,583	8,092
*	Dyne Therapeutics Inc.	385,227	8,090
*	Viemed Healthcare Inc.	1,040,941	8,078
*	CytomX Therapeutics Inc.	1,227,561	8,041
*,1	Co-Diagnostics Inc.	853,830	7,941
*	C4 Therapeutics Inc.	239,683	7,941
*	Agile Therapeutics Inc.	2,763,477	7,931
*	Generation Bio Co.	277,851	7,877
*	Applied Therapeutics Inc.	351,051	7,727
*,1	Selecta Biosciences Inc.	2,486,936	7,535
*	ANI Pharmaceuticals Inc.	258,661	7,512
*	ChromaDex Corp.	1,546,354	7,422
*	Voyager Therapeutics Inc.	1,032,649	7,383
*	Chiasma Inc.	1,691,399	7,358
*	Mirum Pharmaceuticals Inc.	416,719	7,276
*,1	VYNE Therapeutics Inc.	4,567,610	7,217
*	Akouos Inc.	361,487	7,168
*,1	Ampio Pharmaceuticals Inc.	4,451,452	7,078
*	Chimerix Inc.	1,460,274	7,053
*	Lannett Co. Inc.	1,079,150	7,036
*,1	Matinas BioPharma Holdings Inc.	5,173,894	7,036
*,1	XBiotech Inc.	449,073	7,028
*,1	Kala Pharmaceuticals Inc.	1,034,168	7,012
*,1	Taysha Gene Therapies Inc.	263,897	7,004
*	Inhibrx Inc.	211,843	6,984
*	Solid Biosciences Inc.	919,416	6,969
*,1	Rubius Therapeutics Inc.	906,537	6,881
_	Aldeyra Therapeutics Inc.	999,919	6,859
*	Neoleukin Therapeutics Inc.	482,134	6,798
*	Stereotaxis Inc.	1,332,352	6,782
*	CTI BioPharma Corp.	2,095,658	6,748
* 1	Assembly Biosciences Inc.	1,093,608	6,616
*,1	Zynex Inc.	487,559	6,563
*,1	SOC Telemed Inc.	836,600	6,559
*	Xeris Pharmaceuticals Inc.	1,319,237	6,491
*	Immunic Inc.	422,928	6,467
*,1	Neuronetics Inc.	579,251 1,274,075	6,435
*,1	Lexicon Pharmaceuticals Inc.	1,874,975	6,412
*	Arbutus Biopharma Corp.	1,800,274	6,391
*,1	Magenta Therapeutics Inc. Lumos Pharma Inc.	812,736 177,113	6,372 6,375
*,1		177,113	6,325
*	Accelerate Diagnostics Inc. IntriCon Corp.	829,094 345,897	6,285 6,261
*	Apyx Medical Corp.	345,897 866,145	6,261 6,236
*	Apyx Medical Corp. Kezar Life Sciences Inc.	1,194,710	6,236
	Nezai Liie Sciences inc.	1,194,/10	0,230

			Market
		Shares	Value (\$000)
*	American Renal Associates Holdings Inc.	544,530	6,235
*	Pliant Therapeutics Inc.	273,877	6,222
*	GlycoMimetics Inc.	1,645,412	6,187
*	Fortress Biotech Inc.	1,937,455	6,142
*	Repro-Med Systems Inc.	1,020,227	6,142
*	TFF Pharmaceuticals Inc.	428,497	6,136
*	ClearPoint Neuro Inc.	385,675	6,128
*,1	Lineage Cell Therapeutics Inc.	3,474,464	6,115
*,1	Cassava Sciences Inc.	890,577	6,074
*	Ideaya Biosciences Inc.	431,817	6,045
*	Surface Oncology Inc.	645,845	5,968
*	DiaMedica Therapeutics Inc.	587,666	5,959
*	Larimar Therapeutics Inc.	278,350	5,959
*	Oyster Point Pharma Inc.	315,184	5,932
*	iRadimed Corp.	259,999	5,928
*,1	Tarsus Pharmaceuticals Inc.	140,837	5,821
*,1	Acutus Medical Inc.	201,761	5,813
_	Sientra Inc.	1,470,623	5,721
*	89bio Inc.	233,237	5,684
*	Tricida Inc.	797,454	5,622
*,1	KalVista Pharmaceuticals Inc.	295,770	5,617
*	CorMedix Inc.	754,295	5,604
*,1,2	Aclaris Therapeutics Inc. PDL BioPharma Inc.	864,817 2,258,201	5,595 5,578
*	Oncternal Therapeutics Inc.	• •	5,578 5,494
*	CASI Pharmaceuticals Inc.	1,121,238 1,856,320	5,494
*	Harpoon Therapeuticals Inc.	320,842	5,329
*,1	MediciNova Inc.	1,009,736	5,329
*	Harrow Health Inc.	772,409	5,299
*	Organogenesis Holdings Inc. Class A	686,200	5,167
*	Cabaletta Bio Inc.	408,614	5,100
*	Surgalign Holdings Inc.	2,326,952	5,096
*	Kindred Biosciences Inc.	1,166,265	5,027
*	FONAR Corp.	288,340	5,006
*,1,3	Avenue Therapeutics Inc.	838,827	4,991
*	UNITY Biotechnology Inc.	945,377	4,954
*	Misonix Inc.	395,234	4,940
*,1	Cogent Biosciences Inc.	439,358	4,934
*,1	Oncorus Inc.	152,058	4,916
*	Harvard Bioscience Inc.	1,143,819	4,907
*,1	T2 Biosystems Inc.	3,894,342	4,829
*	Mustang Bio Inc.	1,250,999	4,735
*	Foghorn Therapeutics Inc.	230,537	4,673
*	Hookipa Pharma Inc.	421,243	4,672
*,1	ADMA Biologics Inc.	2,363,570	4,609
*	Alpine Immune Sciences Inc.	363,774	4,584
*,1	Evofem Biosciences Inc.	1,891,104	4,558
*	Sesen Bio Inc.	3,336,005	4,504
*,1	Novan Inc.	5,334,957	4,337
*	Dyadic International Inc.	792,333	4,263
*	Adicet Bio Inc.	303,156	4,259
*,1	Palatin Technologies Inc.	6,080,943	4,110
*	ContraFect Corp.	811,988	4,101
*	AVEO Pharmaceuticals Inc.	709,553	4,094
*	Fulcrum Therapeutics Inc.	347,963	4,075
*,1	Castlight Health Inc. Class B	3,132,276	4,072
*,1	9 Meters Biopharma Inc.	4,740,175	4,072
*	Enzo Biochem Inc.	1,601,433	4,036
*	Pandion Therapeutics Inc.	267,595	3,974
* 1	SCYNEXIS Inc.	518,494	3,966
*,1	Senseonics Holdings Inc.	4,538,512	3,957

			Market Value
		Shares	(\$000)
*	Checkpoint Therapeutics Inc.	1,450,118	3,843
* 1	Biodesix Inc.	190,315	3,837
*,1 *	Retractable Technologies Inc. Catalyst Biosciences Inc.	354,604 600,549	3,808 3,789
*,1	Verrica Pharmaceuticals Inc.	329,199	3,789
*	NeuBase Therapeutics Inc.	540,651	3,779
*,1	Optinose Inc.	903,166	3,739
*	Jounce Therapeutics Inc.	529,665	3,708
*,1	Inozyme Pharma Inc.	179,610	3,707
*,1	Milestone Scientific Inc.	1,745,143	3,700
*	Seelos Therapeutics Inc.	2,319,138	3,664
*,1	Heat Biologics Inc.	677,728	3,633
*,3	Dare Bioscience Inc.	2,700,357	3,618
*,1	Kaleido Biosciences Inc.	395,701	3,601
*	Champions Oncology Inc.	330,195	3,563
*	SQZ Biotechnologies Co.	122,760	3,558
*	Tela Bio Inc. MTBC Inc.	235,599	3,543
*	Ovid therapeutics Inc.	386,909 1,517,953	3,509 3,506
*	Aptinyx Inc. Class A	1,011,321	3,499
*	Five Star Senior Living Inc.	501,468	3,460
*,1	BrainStorm Cell Therapeutics Inc.	760,173	3,440
*	Aptevo Therapeutics Inc.	92,858	3,403
*,1	Eton Pharmaceuticals Inc.	415,148	3,375
*	Poseida Therapeutics Inc.	305,719	3,354
*	NextCure Inc.	302,361	3,296
*	F-star Therapeutics Inc.	333,742	3,294
*	Cyclerion Therapeutics Inc.	1,074,904	3,289
*,1	Lipocine Inc.	2,396,307	3,259
*	Infinity Pharmaceuticals Inc.	1,510,389	3,202
*,1	Inmune Bio Inc.	185,350	3,192
*	Orgenesis Inc.	705,696	3,176
*,1	Leap Therapeutics Inc. PAVmed Inc.	1,409,450	3,171
*	Galera Therapeutics Inc.	1,494,292 309,002	3,168 3,161
*	Strongbridge Biopharma plc	1,297,600	3,153
*	Genocea Biosciences Inc.	1,292,641	3,128
*	Axcella Health Inc.	600,493	3,117
*	LogicBio Therapeutics Inc.	405,063	3,091
*	Oncocyte Corp.	1,272,724	3,042
*	Abeona Therapeutics Inc.	1,931,895	3,033
*,1	AcelRx Pharmaceuticals Inc.	2,434,573	3,019
*,1	Hepion Pharmaceuticals Inc.	1,373,400	3,008
*	Sio Gene Therapies Inc.	1,060,700	2,949
*	Clearside Biomedical Inc.	1,071,059	2,935
* 10	Harmony Biosciences Holdings Inc.	80,904	2,925
*,1,3	180 Life Sciences Corp.	1,069,400	2,919
*,1	Exicure Inc.	1,641,591	2,906
*	Aytu BioScience Inc. Adamas Pharmaceuticals Inc.	479,270 658,862	2,866 2,853
*,1	Corbus Pharmaceuticals Holdings Inc.	2,248,182	2,810
*	X4 Pharmaceuticals Inc.	436,094	2,804
*	Exagen Inc.	209,758	2,769
*,1	NantHealth Inc.	847,572	2,738
*,1	Actinium Pharmaceuticals Inc.	349,795	2,728
*,1	Onconova Therapeutics Inc.	5,849,848	2,725
*	Minerva Neurosciences Inc.	1,157,489	2,709
*	Cidara Therapeutics Inc.	1,335,562	2,671
*,1	SELLAS Life Sciences Group Inc.	455,983	2,649
*,1	Zomedica Corp.	11,486,155	2,649
*	Sanara Medtech Inc.	52,782	2,634

			Market Value
		Shares	(\$000)
*,1	Chembio Diagnostics Inc.	547,682	2,601
*	Delcath Systems Inc.	141,500	2,536
*	Summit Therapeutics Inc.	533,363	2,507
*	scPharmaceuticals Inc.	473,719	2,506
*	Cellectar Biosciences Inc.	1,203,237	2,503
*	LENSAR Inc. Cerecor Inc.	343,067 939,669	2,487
*,1	BioSig Technologies Inc.	624,067	2,481 2,434
*	Applied Genetic Technologies Corp.	594,128	2,434
*,1	Eloxx Pharmaceuticals Inc.	607,180	2,417
*,1	La Jolla Pharmaceutical Co.	618,756	2,401
*,1	Galectin Therapeutics Inc.	1,065,160	2,386
*,1	Outlook Therapeutics Inc.	1,830,986	2,380
*	Aprea Therapeutics Inc.	482,121	2,372
*,1	Aquestive Therapeutics Inc.	443,278	2,372
*	Merrimack Pharmaceuticals Inc.	344,147	2,371
*,1	Equillium Inc.	426,233	2,280
* 1	IMARA Inc.	103,014	2,271
*,1	Biomerica Inc.	452,719	2,255
*	Idera Pharmaceuticals Inc. Aerpio Pharmaceuticals Inc.	613,295 2,290,914	2,251 2,245
*	Eyenovia Inc.	360,283	2,243
*,1	OncoSec Medical Inc.	334,217	2,156
*	Pro-Dex Inc.	66,177	2,050
*,1	Soliton Inc.	264,866	2,034
*,1	Zynerba Pharmaceuticals Inc.	615,486	2,031
*,1	cbdMD Inc.	678,500	2,002
*	Aravive Inc.	350,035	1,974
*	Recro Pharma Inc.	684,253	1,950
*	Soleno Therapeutics Inc.	1,006,617	1,943
*	Miragen Therapeutics Inc.	117,532	1,933
* 1	Liquidia Technologies Inc.	654,845	1,932
*,1 *	Biocept Inc.	432,307	1,919
*	Evoke Pharma Inc. Electromed Inc.	738,992 185,664	1,907 1,821
*	Tyme Technologies Inc.	1,410,436	1,721
*,1	Graybug Vision Inc.	58,407	1,695
*,1	Cocrystal Pharma Inc.	1,201,742	1,634
*,1	Corvus Pharmaceuticals Inc.	455,261	1,621
*,1	Pulmatrix Inc.	1,311,500	1,561
*	BioAtla Inc.	45,608	1,551
*,1	Evolus Inc.	446,336	1,500
*,1	Rockwell Medical Inc.	1,475,953	1,491
*	Lyra Therapeutics Inc.	129,020	1,471
*,1 *	Bellerophon Therapeutics Inc.	219,355	1,463
*,1	EyePoint Pharmaceuticals Inc.	220,583 115.635	1,451
*,1	Organovo Holdings Inc. Windtree Therapeutics Inc.	276,529	1,422 1,419
*	IRIDEX Corp.	563,826	1,415
*	Silverback Therapeutics Inc.	30,071	1,393
*,1	PhaseBio Pharmaceuticals Inc.	413,303	1,389
*	Savara Inc.	1,207,729	1,389
*	908 Devices Inc.	24,359	1,387
*	Celcuity Inc.	148,462	1,367
*	Gritstone Oncology Inc.	346,656	1,366
*,1	Zosano Pharma Corp.	2,566,514	1,353
*	Codiak Biosciences Inc.	41,364	1,336
*,1	Conformis Inc.	1,991,378	1,314
*,1 *	Anixa Biosciences Inc.	424,878	1,304
*	ElectroCore Inc. Checkmate Pharmaceuticals Inc.	814,243	1,270
	Checkinate Friatriaceuticals IIIC.	85,390	1,246

			Market Value
		Shares	(\$000)
*	Oak Street Health Inc.	20,346	1,244
*,1	Marker Therapeutics Inc.	850,493	1,233
*,1	PDS Biotechnology Corp.	568,427	1,216
*	Apollo Endosurgery Inc.	341,395	1,161
*	Sensus Healthcare Inc.	297,376	1,148
*,1	Synlogic Inc.	530,714	1,146
*,1	Catabasis Pharmaceuticals Inc.	514,051	1,100
*,1	Spruce Biosciences Inc.	44,356	1,078
* 1	Venus Concept Inc.	609,965	1,055
*,1	Microbot Medical Inc.	152,613	1,052
*	Yumanity Therapeutics Inc.	59,786	1,016
*,1	Sigilon Therapeutics Inc.	21,066	1,012 998
*,1	vTvTherapeutics Inc. Class A PLx Pharma Inc.	536,812 179,441	998
*	Navidea Biopharmaceuticals Inc.	449,841	967
*,1	Guardion Health Sciences Inc.	2,281,099	947
*,1	TransEnterix Inc.	1,496,006	935
*	IsoRay Inc.	1,490,000	935 895
	Psychemedics Corp.	165,302	841
*	Cumberland Pharmaceuticals Inc.	280,820	826
*	Strata Skin Sciences Inc.	525,713	789
*,1	Soligenix Inc.	608,979	779
*	Brickell Biotech Inc.	988,999	773
*	Assertio Holdings Inc.	1,888,318	675
*,1	Neos Therapeutics Inc.	1,064,676	665
*,1	Celsion Corp.	924,729	657
*,1	AgeXTherapeutics Inc.	426,190	648
*	aTyr Pharma Inc.	152,825	593
*	Daxor Corp.	47,328	592
*	Capital Senior Living Corp.	46,445	573
*,1	Citius Pharmaceuticals Inc.	550,720	562
*,1	Progenity Inc.	105,149	558
*,1	Adamis Pharmaceuticals Corp.	1,099,333	533
*	Genesis Healthcare Inc.	1,001,376	485
*	Opiant Pharmaceuticals Inc.	59,635	482
*,1	Oragenics Inc.	1,068,465	480
*	AzurRx BioPharma Inc.	490,181	475
*	Cohbar Inc.	340,065	456
*	Ekso Bionics Holdings Inc.	72,357	444
*,1	Second Sight Medical Products Inc.	236,310	442
*,1	Acorda Therapeutics Inc.	637,877	440
*	Aridis Pharmaceuticals Inc.	71,744	435
*,1	Precipio Inc.	209,095	433
*	Bioanalytical Systems Inc.	34,320	422
*	Nephros Inc.	48,125	413
*,1	PolarityTE Inc.	600,972	409
*	ImmuCell Corp.	66,289	394
	Allena Pharmaceuticals Inc.	302,628	387
*,1	Atossa Therapeutics Inc.	397,420	378
*,1 *	Bellicum Pharmaceuticals Inc.	106,715	377
*,1	Metacrine Inc.	46,494	365
*,1	Avinger Inc. Millanda Thorapauties Inc.	795,750 163,214	350
*	Millendo Therapeutics Inc. Caladrius Biosciences Inc.	163,214 242,446	349 347
*,1	Sunesis Pharmaceuticals Inc.	242,446 169,061	347
*,1	Aziyo Biologics Inc. Class A	23,684	323
*,1	Sonnet BioTherapeutics Holdings Inc.	135,963	303
*,1	Vaccinex Inc.	139,733	289
*,1	Baudax Bio Inc.	268,717	271
*	Alimera Sciences Inc.	62,517	264
*	4D Molecular Therapeutics Inc.	6,112	253
	15 Molocular Morapoutios IIIo.	0,112	200

		Shares	Market Value (\$000)
*	O		
*	Satsuma Pharmaceuticals Inc.	54,078	249
*	Aileron Therapeutics Inc.	237,597 171,946	247 232
*	Regulus Therapeutics Inc. Predictive Oncology Inc.	295,185	232
*,1	Biolase Inc.	513,207	214
*,1	Bio-Path Holdings Inc.	60,240	214
*	Entasis Therapeutics Holdings Inc.	79,862	197
*	Petros Pharmaceuticals Inc.	43,424	191
*	Geron Corp. Warrants Exp. 12/31/2025	1,202,419	174
*,1	HTG Molecular Diagnostics Inc.	34,900	167
*,1	Interpace Biosciences Inc.	48,778	153
*	Adial Pharmaceuticals Inc.	90,165	153
*,1	Pulse Biosciences Inc. Warrants Exp. 06/05/2025	8,313	140
*	Acer Therapeutics Inc.	44,344	116
*	Helius Medical Technologies Inc.	294,462	111
*	American Shared Hospital Services	36,338	81
*	Trevi Therapeutics Inc.	32,341	78
*,1	Histogen Inc.	87,394	66
*	Salarius Pharmaceuticals Inc.	52,216	48
*	Lantern Pharma Inc.	1,800	35
*,1,2	Synergy Pharmaceuticals LLC	5,148,145	33
*	Annovis Bio Inc.	4,400	33
*	NovaBay Pharmaceuticals Inc.	40,000	28
*	Hoth Therapeutics Inc.	8,642	20
*	Kintara Therapeutics Inc.	15,900	20
*,2	Elanco Animal Health Inc. CVR	575,457	15
*,1,2	Oncternal Therapeutics Inc. CVR	8,933	9
*	RA Medical Systems Inc.	508	4
*,2	Lantheus Holdings Inc. CVR	2,319,511 _	 146,007,634
Indu	strials (13.76%)		140,007,634
	Visa Inc. Class A	47,475,346	10,384,282
	Mastercard Inc. Class A	25,072,939	8,949,535
*	PayPal Holdings Inc.	33,030,291	7,735,694
	Accenture plc Class A	17,857,580	4,664,578
	Honeywell International Inc.	19,773,638	4,205,853
	Union Pacific Corp.	18,997,450	3,955,649
	Boeing Co.	15,900,945	3,403,756
	United Parcel Service Inc. Class B	20,127,559	3,389,481
	Raytheon Technologies Corp.	42,790,386	3,059,941
	3M Co.	16,255,715	2,841,336
	Caterpillar Inc.	15,312,606	2,787,201
	General Electric Co.	246,904,328	2,666,567
	Fidelity National Information Services Inc.	17,495,669	2,474,937
*	Lockheed Martin Corp.	6,698,136	2,377,704
	Square Inc. Class A	10,813,193	2,353,383
	Deere & Co.	7,949,718	2,138,872
	American Express Co.	17,022,253	2,058,161
	Automatic Data Processing Inc.	11,486,836	2,023,981
*	CSX Corp.	21,579,907	1,958,377
	Fiserv Inc. Global Payments Inc.	16,075,380 8,442,595	1,830,343 1,818,704
	FedEx Corp.	6,665,863	1,730,591
	Norfolk Southern Corp.	7,167,364	1,730,591
	Sherwin-Williams Co.	2,304,091	1,703,037
	Illinois Tool Works Inc.	8,021,929	1,635,511
	DuPont de Nemours Inc.	20,673,559	1,470,097
	Emerson Electric Co.	16,848,440	1,354,109
	Eaton Corp. plc	11,225,501	1,348,632
	Northrop Grumman Corp.	4,229,452	1,288,799
	Horanop Gramman Jorp.	7,220,432	1,200,700

			Market Value
		Shares	(\$000)
	Capital One Financial Corp.	12,887,189	1,273,899
	General Dynamics Corp.	6,871,540	1,022,623
	Parker-Hannifin Corp.	3,630,859	989,082
	Trane Technologies plc	6,778,737	984,001
	PPG Industries Inc.	6,659,128	960,379
	Verisk Analytics Inc. Class A	4,590,252	952,890
	Johnson Controls International plc	20,391,425	950,037
	Cummins Inc.	4,171,446	947,335
	Carrier Global Corp.	24,429,569	921,483
*	TransDigm Group Inc.	1,457,932	902,241
	Cintas Corp.	2,489,387	879,899
	Ball Corp.	9,244,966	861,446
	Paychex Inc.	9,137,017	851,387
	PACCAR Inc.	9,791,355	844,798
	Otis Worldwide Corp.	12,210,797	824,839
	Rockwell Automation Inc.	3,272,289	820,723
	Stanley Black & Decker Inc. AMETEK Inc.	4,525,328 6,498,405	808,043
*	Mettler-Toledo International Inc.	671,009	785,917 764,736
*	Keysight Technologies Inc.	•	
	Equifax Inc.	5,238,114 3,436,104	691,902 662,618
*	FleetCorTechnologies Inc.	2,353,697	642,159
	Fortive Corp.	9,030,563	639,544
	Old Dominion Freight Line Inc.	2,988,079	583,213
*	Zebra Technologies Corp. Class A	1,508,791	579,874
	Vulcan Materials Co.	3,746,107	555,585
	Synchrony Financial	15,630,584	542,538
	Kansas City Southern	2,645,365	539,998
	TransUnion	5,379,963	533,800
	WW Grainger Inc.	1,289,215	526,438
	Xylem Inc.	5,081,009	517,196
	Dover Corp.	4,072,109	514,104
	Martin Marietta Materials Inc.	1,762,193	500,410
*	Ingersoll Rand Inc.	10,615,187	483,628
*	Trimble Inc.	7,077,049	472,535
*	United Rentals Inc.	2,032,650	471,392
	Expeditors International of Washington Inc.	4,742,420	451,052
*	Waters Corp.	1,753,793	433,923
	IDEX Corp.	2,133,338	424,961
*	Teledyne Technologies Inc.	1,041,840	408,380
	Masco Corp.	7,365,711	404,599
*	Generac Holdings Inc.	1,778,947	404,550
	Jacobs Engineering Group Inc.	3,656,455	398,407
*	Fair Isaac Corp.	779,469	398,340
*	Crown Holdings Inc.	3,795,791	380,338
	Westinghouse Air Brake Technologies Corp.	5,121,985	374,929
	Cognex Corp.	4,645,450	372,960
	Packaging Corp. of America	2,682,531	369,948
	CH Robinson Worldwide Inc.	3,822,856	358,852
	Jack Henry & Associates Inc.	2,168,246	351,234
	Graco Inc.	4,708,301	340,646
	Booz Allen Hamilton Holding Corp. Class A	3,895,684	339,626
	RPM International Inc.	3,680,576	334,123
	JB Hunt Transport Services Inc.	2,394,335	327,186
	HEICO Corp. Class A	2,759,202	322,992
	Westrock Co.	7,360,239 10,997,649	320,391
	Howmet Aerospace Inc.	10,997,649	313,873
*	Textron Inc. XPO Logistics Inc.	6,462,142 2,586,941	312,315
	APO Logistics inc. Allegion plc	2,586,941 2,591,189	308,363 301,563
	Nordson Corp.	2,591,189 1,465,401	294,472
	τιστασσίτ συτμ.	1,400,401	∠04,41∠

		Market Value
	Shares	(\$000)
Toro Co.	3,025,523	286,941
Quanta Services Inc.	3,903,021	281,096
Bill.com Holdings Inc.	2,057,437	280,840
Trex Co. Inc.	3,278,793	274,501
Lennox International Inc.	967,650	265,107
Snap-on Inc.	1,539,971	263,551
Western Union Co.	11,634,888	255,269
WEX Inc.	1,250,253	254,464
Pentair plc	4,699,831	249,514
AptarGroup Inc.	1,814,229	248,350
Hubbell Inc. Class B	1,534,635	240,615
Carlisle Cos. Inc.	1,510,052	235,840
MKS Instruments Inc.	1,552,814	233,621
Owens Corning	3,073,879	232,877
Sensata Technologies Holding plc	4,412,719	232,727
Genpact Ltd.	5,383,134	222,646
Axon Enterprise Inc.	1,797,457	220,242
Paylocity Holding Corp.	1,064,971	219,288
^c AECOM	4,253,009	211,715
Berry Global Group Inc.	3,755,064	210,997
A O Smith Corp.	3,831,377	210,036
Watsco Inc.	926,774	209,961
Euronet Worldwide Inc.	1,406,206	203,787
Woodward Inc.	1,676,561	203,752
Middleby Corp.	1,573,065	202,800
Sealed Air Corp.	4,405,221	201,715
Donaldson Co. Inc.	3,538,423	197,727
Huntington Ingalls Industries Inc.	1,146,010	195,372
Lincoln Electric Holdings Inc.	1,665,725	193,641
Robert Half International Inc.	3,075,959	192,186
ITT Inc.	2,439,291	187,874
Knight-Swift Transportation Holdings Inc.	4,266,577	178,428
Tetra Tech Inc.	1,521,584	176,169
AGCO Corp.	1,694,234	174,659
TopBuild Corp.	937,434	172,563
Brunswick Corp.	2,236,242	170,491
Littelfuse Inc.	667,312	169,938
Axalta Coating Systems Ltd.	5,946,542	169,774
Sonoco Products Co.	2,801,131	165,967
Oshkosh Corp.	1,925,027	165,687
FLIR Systems Inc.	3,727,451	163,374
BWX Technologies Inc.	2,690,758	162,199
CoreLogic Inc.	2,086,785	161,350
MSA Safety Inc.	1,037,596	155,006
MDU Resources Group Inc.	5,649,486	148,807
Landstar System Inc.	1,084,209	146,000
ManpowerGroup Inc.	1,614,942	145,635
EMCOR Group Inc.	1,542,863	141,110
Regal Beloit Corp.	1,143,011	140,373
Mercury Systems Inc.	1,567,684	138,050
Curtiss-Wright Corp.	1,173,715	136,562
Air Lease Corp. Class A	3,073,689	136,533
Flowserve Corp.	3,690,707	136,003
Builders FirstSource Inc.	3,285,326	134,074
Saia Inc.	737,003	133,250
Allison Transmission Holdings Inc.		
	3,059,180	131,942
Exponent Inc.	1,447,282	130,299
Graphic Packaging Holding Co.	7,675,745	130,027
Acuity Brands Inc.	1,039,871	125,918
MAXIMUS Inc.	1,717,240	125,685
Vontier Corp.	3,754,261	125,392

			Market
		Shares	Value (\$000)
	KBR Inc.	4,041,185	124,994
*	ACI Worldwide Inc.	3,122,927	120,014
*	Chart Industries Inc.	1,017,963	119,906
	Eagle Materials Inc.	1,175,498	119,137
*	ASGN Inc.	1,402,248	117,130
	Spirit AeroSystems Holdings Inc. Class A	2,964,061	115,865
	Simpson Manufacturing Co. Inc.	1,226,466	114,613
	Louisiana-Pacific Corp.	3,080,196	114,491
*	Proto Labs Inc.	745,024	114,287
*	FTI Consulting Inc.	1,012,176	113,080
	nVent Electric plc	4,796,054	111,700
*	WESCO International Inc.	1,417,167	111,248
*	Aerojet Rocketdyne Holdings Inc.	2,089,047	110,406
*	Colfax Corp.	2,856,455	109,231
	Crane Co.	1,391,980	108,101
*	MasTec Inc.	1,569,626	107,017
	Advanced Drainage Systems Inc.	1,279,597	106,949
*	WillScot Mobile Mini Holdings Corp. Class A	4,528,694	104,930
*	Itron Inc.	1,084,172	103,972
	Coherent Inc.	683,454	102,532
•	BMC Stock Holdings Inc.	1,902,307	102,116
	John Bean Technologies Corp.	896,246	102,056
	Valmont Industries Inc.	581,792	101,773
	Armstrong World Industries Inc.	1,363,871	101,458
	Altra Industrial Motion Corp. Brink's Co.	1,827,386	101,292
*,1		1,397,035	100,587
, '	Bloom Energy Corp. Class A EnerSys	3,503,033 1,189,177	100,397 98,773
*	Kratos Defense & Security Solutions Inc.	3,472,967	95,264
	Alliance Data Systems Corp.	1,278,409	94,730
	Triton International Ltd.	1,949,722	94,581
	Ryder System Inc.	1,524,025	94,124
	MSC Industrial Direct Co. Inc. Class A	1,097,525	92,620
	Watts Water Technologies Inc. Class A	759,626	92,447
*	TriNet Group Inc.	1,129,844	91,065
*	AMN Healthcare Services Inc.	1,325,604	90,472
	UniFirst Corp.	422,684	89,478
*,1	Virgin Galactic Holdings Inc.	3,650,151	86,618
*	Kirby Corp.	1,668,049	86,455
	Insperity Inc.	1,041,701	84,815
	Kennametal Inc.	2,340,136	84,807
*	Resideo Technologies Inc.	3,985,856	84,739
	Applied Industrial Technologies Inc.	1,081,750	84,366
	GATX Corp.	983,836	81,835
	Silgan Holdings Inc.	2,138,201	79,285
	Macquarie Infrastructure Corp.	2,108,337	79,168
	EVERTEC Inc.	2,004,838	78,830
*	Livent Corp.	4,150,626	78,198
	AAON Inc.	1,164,255	77,575
*	Shift4 Payments Inc. Class A	1,023,228	77,151
*	ExIService Holdings Inc.	905,604	77,094
	HEICO Corp.	579,816	76,768
	Badger Meter Inc.	811,272	76,308
*	AZEK Co. Inc. Class A	1,978,652	76,079
	Franklin Electric Co. Inc.	1,087,364	75,256
	HB Fuller Co.	1,443,345	74,881
* *	ESCO Technologies Inc.	724,429	74,776
*,1	Nikola Corp.	4,868,574	74,294
-	Green Dot Corp. Class A	1,275,030	71,147
	Hillenbrand Inc.	1,776,655	70,711
	ABM Industries Inc.	1,867,412	70,663

			Market Value
		Shares	(\$000)
*,4	API Group Corp.	3,862,916	70,112
	Korn Ferry	1,579,707	68,717
	Matson Inc.	1,205,765	68,692
	Barnes Group Inc.	1,352,170	68,542
*	SPX FLOW Inc.	1,179,140	68,343
*	Masonite International Corp.	687,920	67,650
*	Moog Inc. Class A	844,826	66,995
	Installed Building Products Inc.	654,938	66,758
	Brady Corp. Class A ManTech International Corp. Class A	1,259,449	66,524
*	Gibraltar Industries Inc.	742,636 902,424	66,050 64,920
*	Dycom Industries Inc.	859,195	64,886
	Terex Corp.	1,857,283	64,801
	Werner Enterprises Inc.	1,650,999	64,752
*	Summit Materials Inc. Class A	3,218,051	64,618
*	SPX Corp.	1,175,038	64,087
	Albany International Corp. Class A	864,439	63,467
*	Pluralsight Inc. Class A	3,022,143	63,344
	Trinity Industries Inc.	2,400,210	63,342
*	Beacon Roofing Supply Inc.	1,573,313	63,231
	Maxar Technologies Inc.	1,630,784	62,932
*	Navistar International Corp.	1,412,373	62,088
*	Allegheny Technologies Inc.	3,614,607	60,617
*,1	Workhorse Group Inc.	3,059,637	60,520
	Forward Air Corp.	765,973	58,857
	Federal Signal Corp.	1,677,809	55,653
	Fluor Corp.	3,476,265	55,516
	Cubic Corp.	892,855	55,393
*	Atkore International Group Inc.	1,318,052	54,185
	Mueller Water Products Inc. Class A	4,326,747	53,565
*	Meritor Inc.	1,906,149	53,201
*	AeroVironment Inc.	609,464	52,962
	O-I Glass Inc.	4,401,514	52,378
*	Vicor Corp.	565,163	52,119
	Belden Inc.	1,236,219	51,798
	Comfort Systems USA Inc.	959,816	50,544
*	Hub Group Inc. Class A	879,607	50,138
*	Air Transport Services Group Inc.	1,585,415	49,687
*	Repay Holdings Corp. Class A	1,812,957	49,403
*	Verra Mobility Corp. Class A	3,658,720	49,100
* 4	Otter Tail Corp.	1,146,340	48,846
*,1	Velodyne Lidar Inc.	2,132,610	48,666
*	CSW Industrials Inc.	426,887	47,773
	Welbilt Inc.	3,547,782	46,831
*	McGrath RentCorp	695,814	46,689
*,1	JELD-WEN Holding Inc.	1,834,563	46,525
*	CryoPort Inc.	1,049,187	46,038 45,507
	Herc Holdings Inc. Kadant Inc.	685,242 320,394	45,507 45,169
	Helios Technologies Inc.	837,648	45,169
	Kaman Corp.	769,444	43,958
	EnPro Industries Inc.	577,442	43,608
*	American Woodmark Corp.	461,531	43,315
	Patrick Industries Inc.	630,293	43,081
*	Atlas Air Worldwide Holdings Inc.	789,336	43,050
	Alamo Group Inc.	311,888	43,025
	Greif Inc. Class A	914,990	42,895
*,1	Hyliion Holdings Corp.	2,598,550	42,824
*	OSI Systems Inc.	443,339	41,328
*	TriMas Corp.	1,269,184	40,195
*	Sykes Enterprises Inc.	1,064,834	40,112
	,	.,00.,00	-,

				Market Value
Huron Consulting Group Inc. 649.318 38.277 Mess Labrasterias Inc. 133.02 38.238 Emerate Tool Group Corp. Class A 1.689.288 38.194 Cingress pic 438,199 38.191 Cingress pic 438,198 38.191 Cingress pic 438,198 38.191 TTEC Holdings Inc. 566,409 36,932 Li Fridge Marchaetter Inc. 497,300 36,229 Aste Industries Inc. 22,272 30,013 Cardronices pic Class A 1,005,331 36,503 AZ Finc. 74,8650 36,486 AZ Finc. 1,314,197 35,100 AZ Finc. 2,804,149 36,000 AZ Finc. 1,814,197 36,100 AZ Finc. 1,814,197 36,100 AZ Finc. 1,814,197 36,100 AZ Finc. 1,814,197 36,100 AZ Finc. 1,814,197 34,244 AZ Finc. 1,814,197 34,424 AZ Finc. 1,814,197 34,424 <td< th=""><th></th><th></th><th>Shares</th><th>(\$000)</th></td<>			Shares	(\$000)
Mess Laboratorisis Inc.		Lindsay Corp.	308,712	39,657
Finerpact flool Group: Class A 1,881,288 381,184 Clampers 435,159 381,184 Clampers 435,159 381,184 Clampers 435,159 381,284 TTEC Holdings Inc. 506,409 30,525 Cl. Finternational Inc. 487,905 30,295 Cl. Finternational Inc. 487,905 30,295 Aste Inclusions inc. 622,723 30,094 AZZ Inc. 748,050 39,885 AZZ Inc. 748,050 39,885 AZZ Inc. 748,050 39,885 AZZ Inc. 748,050 39,885 748,050 39,885 748,050 39,885 748,050 39,885 748,050 39,885 748,050 39,885 748,050 39,885 748,050 39,885 748,050 39,885 748,050 39,885 748,050 39,885 748,050 748,	*	Huron Consulting Group Inc.	649,318	38,277
*** Cimoresa plo 445,189 39,181 *** CiBZ Inc. 1,412,187 37,576 *** TEC Holdings Inc. 506,409 36,929 LCF Intermational Inc. 467,905 36,229 Aste Industries Inc. 602,723 30,043 Cardtronic plo Class A 1,005,531 35,509 AZZ Inc. 748,050 35,488 Grante Construction Inc. 1,314,197 35,108 *** Farra Corp. 2,376,455 34,797 *** Ferra Corp. 1,182,777 34,895 *** Ferra Corp. 1,182,277 34,490 *** Delixor Corp. 1,182,273 34,474 *** FARO Technologies Inc. 1,276,333 34,474				
CBZ Inc. 1.412,187 37,578 TTEC Holdings Inc. 596,499 39,529 ICF International Inc. 487,905 36,259 Cardronics pic Class A 1.005,931 35,509 32,738 35,609 32,708 35,509 32,708 35,509 32,718 35,509 32,718 35,100 35,609 32,718 35,100 30,809 34,707 35,100 30,809 34,707 35,100 30,809 34,707 35,100 30,809 36,803 34,809 30,809 34,707 34,797 34,797 34,797 34,797 34,797 34,797 34,797 34,797 34,797 34,797 34,797 34,472 34,797 34,472 34,797 34,472 34,797 34,472 34,797 34,472 34,797 34,472 <td></td> <td></td> <td>1,689,258</td> <td></td>			1,689,258	
TEC Hotdings Inc.	*		•	,
File International Inc.	*			
A stec Industries Inc. 60,00,00 30,043 30,043 30,043 35,609 35,609 35,609 35,609 35,609 35,609 35,609 35,609 35,609 35,609 35,609 35,609 35,009 35,009 35,009 35,009 35,009 35,009 35,009 35,009 35,009 36,009			•	
Cardronics pic Class A 1,065,931 35,608 AZ/ Inc. 28,480 36,488 Grainite Construction Inc. 2,643,110 35,008 Ferro Corp 2,378,455 34,797 Schenider National Inc. Class B 1,688,566 34,540 Deluxe Corp. 1,181,277 34,833 FAPO Tochnologios Inc. 48,8112 34,475 FAPO Tochnologios Inc. 1,276,333 34,474 FAPO Tochnologios Inc. 1,276,333 34,474 Primoris Services Corp. 1,248,807 34,424 API Corp. 949,936 34,071 Encore Wire Corp. 56,7210 34,252 ADT Inc. 1,123,702 34,252 GMS Inc. 1,123,702 34,252 ADT Inc. 4,26,003 33,963 ADT Inc. <td></td> <td></td> <td></td> <td></td>				
AZ Inc. 748,060 35,488 Granite Construction Inc. 13,14,197 35,102 1*** Advantage Solutions Inc. 2,684,310 35,089 Ferro Corp. 1,1688,586 34,540 Deluxe Corp. 1,1688,586 34,540 Fer Defunciogies Inc. 488,112 34,737 E Vo Payments Inc. Class A 1,276,333 34,474 Primoris Services Corp. 48,680 34,402 AAR Corp. 99,936 34,407 Exo Payments Inc. Class A 1,246,807 34,250 GMS Inc. 1,252,002 34,365 GMS Inc. 1,252,003 33,960 ADT Inc. 4,365,317 34,055 ADT Inc. 4,256,003 33,960 MTS Systems Corp. 45,540 31,729 PGT Innovations Inc. 1,529,075 31,101 Greenbrief Cos. Inc. 80,383 30,937 Griffon Corp. 1,427,634 29,096 AVE Entry Ent	_			
Granite Construction Inc. 3,14,197 35,102	•		• • •	
1.1 Advantage Solutions Inc. 2,664,310 \$5,688 34,787 S Fern Corp. 1,688,586 34,540 Deluke Corp. 1,688,586 34,540 1.5 FERRO Technologies Inc. 488,112 34,475 2.5 Evo Peyments Inc. Class A 1,276,333 34,474 AR Corp. 34,020 34,424 AR Corp. 1657,210 34,356 Encore Wire Corp. 1657,210 34,356 AD Inc. 1,223,702 34,220 Tennant Co. 485,317 34,020 AD Inc. 4,226,083 33,900 Raven Industries Inc. 4,226,083 30,937 Griffon Corp. 45,540 31,729 PG Tinnovations linc. 1,227,973 31,101 Griffon Corp. 483,125 29,036 Ar Deset Corp. 483,125 29,036				
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Griffon Corp. 1,427,634 29,095 MYR Group Inc. 483,125 29,036 ArcBest Corp. 660,764 28,195 Marten Transport Ltd. 1,613,367 27,788 Douglas Dynamics Inc. 648,870 27,752 ************************************	*	PGT Innovations Inc.		31,101
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Chase Corp. 196,955 19,894 Paya Holdings Inc. Class A 1,459,900 19,825 TrueBlue Inc. 1,033,069 19,308 Argan Inc. 426,261 18,964 * Echo Global Logistics Inc. 701,211 18,806 * Energy Recovery Inc. 1,360,706 18,560		Gorman-Rupp Co.	614,236	
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* Echo Global Logistics Inc. 701,211 18,806 * Energy Recovery Inc. 1,360,706 18,560	*	TrueBlue Inc.	1,033,069	19,308
* Energy Recovery Inc. 1,360,706 18,560				
	*			
* Pactiv Evergreen Inc. 1,013,887 18,392	*	9, ,		
	*	Pactiv Evergreen Inc.	1,013,887	18,392

			Market Value
		Shares	(\$000)
*	SP Plus Corp.	636,964	18,364
*	US Concrete Inc.	439,943	17,585
*	BrightView Holdings Inc.	1,162,058	17,570
*	Aegion Corp. Class A	917,814	17,429
	Hyster-Yale Materials Handling Inc.	291,958	17,386
*	Triumph Group Inc.	1,358,614	17,064
*	Ducommun Inc.	317,436	17,046
*	Modine Manufacturing Co.	1,335,374	16,772
*	Cornerstone Building Brands Inc. Vectrus Inc.	1,806,568	16,765
*	Gates Industrial Corp. plc	321,172 1,250,846	15,969 15,961
*	PAE Inc.	1,681,971	15,441
*	Lydall Inc.	509,301	15,441
	Heidrick & Struggles International Inc.	520,481	15,294
*	USA Technologies Inc.	1,427,200	14,957
	Cass Information Systems Inc.	383,071	14,905
*	Donnelley Financial Solutions Inc.	866,403	14,703
	CAl International Inc.	470,427	14,696
*	Tutor Perini Corp.	1,130,162	14,636
*	Forterra Inc.	837,665	14,404
	Barrett Business Services Inc.	208,990	14,255
*	Thermon Group Holdings Inc.	898,997	14,051
*	Sterling Construction Co. Inc.	750,305	13,963
*	Willdan Group Inc.	332,871	13,881
*	Manitowoc Co. Inc.	1,016,282	13,527
	Allied Motion Technologies Inc.	242,746	12,404
	Ennis Inc.	686,696	12,258
*	Ranpak Holdings Corp. Class A	892,151	11,991
*	Aspen Aerogels Inc.	706,602	11,793
	International Seaways Inc.	705,848	11,527
	Insteel Industries Inc.	513,521	11,436
	CRA International Inc.	223,487	11,382
	Miller Industries Inc.	298,262	11,340
	VSE Corp.	282,348	10,868
	Resources Connection Inc.	856,988	10,772
*	Montrose Environmental Group Inc.	347,085	10,746
*	Foundation Building Materials Inc.	549,113	10,548
*	Titan Machinery Inc.	536,930	10,497
*	DXP Enterprises Inc.	459,876	10,223
*	Napco Security Technologies Inc.	384,170	10,073
	Kronos Worldwide Inc.	666,976	9,945
	IES Holdings Inc.	215,774	9,934
	UFP Technologies Inc.	203,567	9,486
*	Team Inc.	848,460	9,248
*	Veritiv Corp.	439,557	9,138
*	Luna Innovations Inc.	900,786	8,900
*	Commercial Vehicle Group Inc.	1,006,626	8,707
*	Vishay Precision Group Inc.	275,041	8,658
*	Astronics Corp.	651,945	8,625
*	Franklin Covey Co. Radiant Logistics Inc.	385,040 1,443,275	8,575 8,371
	Park Aerospace Corp.	620,131	8,316
*	ShotSpotter Inc.	217,052	8,183
*	Cross Country Healthcare Inc.	918,151	8,183 8,144
*	Northwest Pipe Co.	286,630	8,112
*	BlueLinx Holdings Inc.	273,836	8,012
*	I3 Verticals Inc. Class A	273,830	7,795
	Hurco Cos. Inc.	254,774	7,793
*	GreenSky Inc. Class A	1,662,071	7,733 7,695
	Powell Industries Inc.	260,591	7,685
*	Atlanticus Holdings Corp.	301,063	7,415
	Additions Holdings outp.	301,003	7,410

			Market Value
		Shares	(\$000)
*	Gencor Industries Inc.	598,959	7,367
*	Lawson Products Inc.	144,024	7,332
	Park-Ohio Holdings Corp.	235,263	7,270
	Daseke Inc.	1,249,504	7,260
*	Blue Bird Corp.	394,893	7,211
•	Transcat Inc.	204,590	7,095
	Titan International Inc.	1,453,962	7,066
*	LSI Industries Inc.	820,582	7,024
*,1	Orion Energy Systems Inc.	699,328	6,902
*	Rekor Systems Inc. CECO Environmental Corp.	835,069 960,107	6,739
*	YRC Worldwide Inc.	·	6,682
	REV Group Inc.	1,471,575 719,123	6,519 6,335
*	L B Foster Co. Class A	368,221	5,542
	United States Lime & Minerals Inc.	47,932	5,464
	Graham Corp.	355,298	5,393
*	GP Strategies Corp.	451,292	5,352
*,1	EVI Industries Inc.	178,221	5,332
	Preformed Line Products Co.	76,983	5,269
*,1	Alpha Pro Tech Ltd.	467,491	5,213
*	Horizon Global Corp.	564,056	4,845
*	Covenant Logistics Group Inc. Class A	311,736	4,617
*	ServiceSource International Inc.	2,620,460	4,612
*,1	Eagle Bulk Shipping Inc.	239,002	4,541
*	Acacia Research Corp.	1,150,984	4,535
*	US Xpress Enterprises Inc. Class A	662,565	4,532
*	Infrastructure & Energy Alternatives Inc.	266,408	4,414
*,1	ExOne Co.	462,239	4,387
	RR Donnelley & Sons Co.	1,931,025	4,364
	Universal Logistics Holdings Inc.	208,127	4,285
*	PRGX Global Inc.	551,565	4,208
	BG Staffing Inc.	309,138	4,170
*	Overseas Shipholding Group Inc. Class A	1,918,517	4,106
*	Broadwind Inc.	517,577	4,104
*,3	Research Solutions Inc.	1,731,900	4,035
*	Orion Group Holdings Inc.	803,116	3,983
*	General Finance Corp.	464,064	3,949
*	Information Services Group Inc.	1,188,314	3,898
*	PFSweb Inc.	578,269	3,892
*	Nesco Holdings Inc.	520,909	3,839
*	Core Molding Technologies Inc.	263,220	3,706
*	Mayville Engineering Co. Inc.	268,889	3,609
*,1	MICT Inc.	1,723,800	3,586
*	Select Interior Concepts Inc. Class A	501,023	3,582
*	DHI Group Inc.	1,604,903	3,563
*	Paysign Inc.	758,011	3,517
*	LightPath Technologies Inc. Class A	871,749	3,417
*	Concrete Pumping Holdings Inc.	866,591	3,319
*	Mistras Group Inc.	423,590	3,287
*	Babcock & Wilcox Enterprises Inc.	872,579	3,063
*,3	Perma-Pipe International Holdings Inc.	471,899	2,860
*,1	HC2 Holdings Inc.	861,719	2,809
*	Quad/Graphics Inc.	729,832	2,788
*	PAM Transportation Services Inc.	56,754	2,781
*	Ultralife Corp.	419,938	2,717
*	Manitex International Inc.	516,837	2,667
*	Willis Lease Finance Corp.	84,813	2,583
*,1	StarTek Inc.	342,398	2,575
*	Wrap Technologies Inc.	529,456	2,557
*	Twin Disc Inc.	308,848	2,424
	Huttig Building Products Inc.	622,851	2,286

		Shares	Market Value (\$000)
*	Armstrong Flooring Inc.	588,289	2,247
*,1	Energous Corp.	1,199,291	2,159
*	Frequency Electronics Inc.	197,467	2,135
	HireQuest Inc.	198,190	1,976
*	Limbach Holdings Inc.	158,561	1,955
	Innovative Solutions & Support Inc.	297,609	1,940
*	CPI Aerostructures Inc.	·	
*,1		436,504	1,672
, I	Digital Ally Inc.	658,350	1,541
	USA Truck Inc.	162,664	1,453
*	DLH Holdings Corp.	132,421	1,234
*	Houston Wire & Cable Co.	438,500	1,223
	RF Industries Ltd.	248,889	1,222
*	ClearSign Technologies Corp.	411,863	1,207
*,1	Odyssey Marine Exploration Inc.	169,811	1,206
*	Target Hospitality Corp.	751,463	1,187
*,1	Coda Octopus Group Inc.	183,468	1,154
	Greif Inc. Class B	21,694	1,050
*	Volt Information Sciences Inc.	572,256	1,013
*	Hudson Technologies Inc.	884,344	964
*			
*	Air Industries Group	747,231	919
	Hill International Inc.	475,540	913
*	Air T Inc.	32,804	817
*,1	ENGlobal Corp.	236,100	756
	AMCON Distributing Co.	6,102	726
*	Hudson Global Inc.	66,260	696
	Espey Manufacturing & Electronics Corp.	36,520	691
*	Performant Financial Corp.	744,195	656
*	FreightCar America Inc.	242,168	584
*	Wireless Telecom Group Inc.	305,882	541
*	Astrotech Corp.	289,092	512
*,1	Applied DNA Sciences Inc.	90,984	464
*,1			
	Polar Power Inc.	92,381	441
	Usio Inc.	142,603	381
	LS Starrett Co. Class A	87,251	369
*	Image Sensing Systems Inc.	79,211	357
*	Jewett-Cameron Trading Co. Ltd.	32,900	288
*	ShiftPixy Inc.	114,467	285
*	Ballantyne Strong Inc.	124,748	251
*,1	Lightbridge Corp.	59,325	251
*	ALJ Regional Holdings Inc.	116,110	128
	P&F Industries Inc. Class A	19,462	118
*,1	BioHiTech Global Inc.	58,891	66
*	Sypris Solutions Inc.	35,375	54
*	Servotronics Inc.	5,014	43
*			
	LGL Group Inc.	2,391	30
_	Patriot Transportation Holding Inc.	3,092	27
*	Air T Funding Warrants Exp. 01/15/2021	90,675	21
*	LGL Group Inc. Warrants Exp. 12/16/2025	2,391	1
*,2	Patriot National Inc.	129,819	_
*	Eagle Bulk Shipping Inc. Warrants Exp. 10/15/2021	1 _	
Othe	er (0.00%) ⁵		148,696,873
*,2	Alder Biopharmaceuticals Inc. CVR Exp. 12/31/2024	2,021,007	1,779
*,1,2	Tobira Therapeutics Inc. CVR Exp. 12/31/2028	201,001	911
*,2	Spirit MTA REIT	2,854,330	764
*,2	Aduro Biotech Inc. CVR	415,255	249
*,2	New York REIT Liquidating LLC	19,100	235
*,2			
	Ocera Therapeutics Inc. CVR	653,477	176
*,2	Proteostasis Therapeutics Inc. CVR	1,195,732	129
*,2	Ambit Biosciences Corp. CVR	201,330	121

Media Genoral Inc. CVR				Market
2			Shares	Value (\$000)
Kadmon Hobings Inc. Warrants Exp. 08/28/2022 189.257 54 First Engle Private Cerdft LC CVR 651,185 50 1/20 Ominto Inc. 101,171 42 1/21 Mingen Dhorapoutics Inc. CVR 175,304 32 1/22 Alexas Pharmacouticals Inc. CVR 212,331 — 1/23 Omthor Pharmacouticals Inc. CVR 121,311 — 1/24 Omthor Pharmacouticals Inc. CVR 121,311 — 1/25 Omthor Pharmacouticals Inc. CVR 125,826 — 1/24 Nufferior Control	*,2	Media General Inc. CVR	2,351,648	91
72 First Eagle Private Credit LLC CVR 551,185 50 73 Minageen Therapeutics Inc. CVR 1,753,041 35 73 SRAK In Rights 148,260 27 74 Alexza Pharmaceuticals Inc. CVR 216,285 1-1 72 Clinical Date Care CVR 121,311 73 Blosante Pharmaceutical Inc. CVR 121,311 74 Nufrathe Inc. 158,681 74 Nufrathe Inc. 158,681 74 Advaxis Inc. Warrants Exp. 09/11/2024 157,660 74 Advaxis Inc. Warrants Exp. 09/11/2024 158,681 74 Advaxis Inc. Warrants Exp. 09/11/2024 158,681 75 Chron Castal County Public Francing Authority CVR 258,262 74 Lunvieral Travel Group 158,262 75 Cortex Castal County Public Francing Authority CVR 258,262 74 Cortex Castal County Public Francing Authority CVR 258,262 75 <td< td=""><td>*,2</td><td></td><td>· · · · · · · · · · · · · · · · · · ·</td><td>67</td></td<>	*,2		· · · · · · · · · · · · · · · · · · ·	67
1-12 Ominto Inc. 101,177 42 1 Mingen Pherapeutics Inc. CVR 1,755,041 35 1-12 SRAX Inc. Rights 148,280 27 1-2 Clinical Data Care CVR 216,285 1-13 Biosante Pharmaceutical Inc. CVR 121,311 1-13 Biosante Pharmaceutical Inc. CVR 253,823 1-14 Michael Inc. 155,666 1-14 Nichael Inc. 155,666 1-15 Advance Inc. Warrants Exp. 08/11/2024 157,660 2 Adolor Cox, Bights 592,629 2 Adolor Cox, Bights 592,629 2 Universal Tirved Group 42,843 2 Contra Costa Couruly Public Financing Authority CVR 250,874 2 Contra Costa County Public Financing Authority CVR 70,194 2 Fistar Therapeutics Inc. CVR 70,194 2 Contra Costa County Public Financing Authority CVR 70,194 2 Contra Costa County Banc of Education CVR 70,194 2 Star Hamant (SAR) 2,125,835 <td>*</td> <td></td> <td></td> <td></td>	*			
1. Mingen Therapeutos Inc, CVR 1,753,041 35 1.2 SRAX, Engitus 148,280 25 1.2 Aloxa Pharmacouticals Inc, CVR 121,085 11 2. Olinical Date Care CVR 121,311 — 1.2 Olinical Date Care CVR 255,823 — 1.2 Biosante Pharmacoutical Inc, CVR 155,823 — 1.2 Multarla Inc. 156,881 — 2. Advasis, Inc., Warrants Exp. 09/11/2024 157,660 — 2. Advasis, Inc., Warrants Exp. 09/11/2024 157,660 — 2. Advasis, Inc., Warrants Exp. 09/11/2024 157,660 — 2. Contra Costa County Public Financing Authority CVR 250,874 — 2. Contra Costa County Public Financing Authority CVR 250,874 — 2. Contra Costa County Public Financing Authority CVR 250,874 — 2. Contra Costa County Public Financing Authority CVR 250,874 — 2. Contra Costa County Public Financing Authority CVR 250,874 — 2. Contra Costa County Public Financing Authority CVR 250,874 — Real Variancing Corp. 12,530,483 2,271,855				50
1-12 SPAX Inc. Rights 144,226 2.72 2 Alosa Pharmaceuticals Inc. CVR 216,226 5 2 Orther Pharmaceuticals Inc. CVR 121,311 — 1-12 Blüsante Pharmaceutical Inc. CVR 253,833 — 2 NUP Inc. 158,660 — 2 Adole Corp. Rights 552,629 — 2 Adole Corp. Rights 552,629 — 2 Universal Tavel Group 42,843 — 2 Universal Tavel Group 42,843 — 2 Universal Tavel Group 42,843 — 2 Contro Costa Courty Public Financing Authority CVR 250,874 — 2 Contro Costa Courty Public Financing Authority CVR 250,874 — 2 Contro Costa Courty Board of Education CVR 70,194 — 8 Folta Therapeutics Inc. CVR 250,833 2.076,848 8 Contro Costa Courty Board of Education CVR 7,812,809 2.181,858 Fologia Inc. 20,839,331 2,076,848				
1.2 Alexar Pharmaceuticals Inc. CVR 216,265 — 1.2 Clinical Data Care CVR 121,311 — 1.2 Bloanter Pharmaceuticals Inc. CVR 125,3823 — 1.2 NUPathe Inc. 158,681 — 2 Advalor Inc. Warrants Exp. 09/11/2024 158,681 — 2 Advolor Corp. Rights 592,629 — 1.1 Tavest Natural Resources Inc. 51,829 — 1.2 Contra Costa County Buble Financing Authority CVR 250,874 — 2 Contra Costa County Board of Education CVR 70,194 — 2 F Star Therapeutics Inc. CVR 28,12,835 2,172,835 2 F Star Therapeutics Inc. CVR 21,123,303 1,313,133 3 F Star Therapeutics Inc. CVR 2,172,833 2,172,833 <td></td> <td></td> <td></td> <td></td>				
12 Clinical Data Care CVR 121, 311 — 2 Clinical Pharmaceuticals Inc. CVR 123, 32 — 12 NuPath Inc. 158, 868 — 2 Ador Corp. Rights 592, 629 — 2 Ador Corp. Rights 592, 629 — 12 Universal Travol Group 42, 843 — 12 Universal Travol Group 42, 843 — 12 Universal Travol Group 42, 843 — 12 Contra Costa County Public Financing Authority CVR 25, 98 — 12 Contra Costa County Public Financing Authority CVR 25, 98 — 2 Contra Costa County Public Financing Authority CVR 25, 98 — 2 Contra Costa County Davide Financing Authority CVR 25, 98 — 2 Contra Costa County Davide of Education CVR 10, 90 — 4 Contra Costa County Davide Financing Authority CVR 25, 98 — 2 Contra Costa County Davide Financing Authority CVR 25, 98 — 2 Contra Costa County Davide Financing Authority CVR 25, 98 — 2 Contra Costa County Contraction Corp. 12, 98 — —			· · · · · · · · · · · · · · · · · · ·	
1.2 Omthers Pharmaceuticals Inc. CVR 121,311 — 1.2 Bill State Pharmaceutical Inc. CVR 125,823 — 1.2 NuPathe Inc. 156,881 — 2 Advast Inc. Warrants Exp. 09/11/2024 157,660 — 2.2 Advoir Corp. Rights 592,629 — 1.3.2 Harvest Natural Resources Inc. 51,829 — 1.4.2 Contra Costa County Board of Education CVR 250,874 — 1.2 Contra Costa County Board of Education CVR 70,194 — 2 Fat Thorapeutics Inc. CVR 70,194 — 2 For Start Thorapeutics Inc. CVR 70,194 — 4 American Tower Corp. 12,500,452 2,912,505 Prologie Inc. 20,393,323 2,078,848 Crown Castle International Corp. 12,133,003 1,911,684 Crown Castle International Corp. 1,281,250 1,929,194 Public Storage 1,122,888 1,931,684 Public Storage 1,122,888 1,931,684 Sinon Property Toroup Inc. 1,128,881 1,931,834 Sinon Property Eroup Inc. 1,128,881 1,932,733 </td <td></td> <td></td> <td></td> <td>11</td>				11
1.12 Blosente Pharmaceutical Inc. CVR 253 822				_
12 NuPathe Inc. 158.681 — Advalor Sin, Warrants Exp. 09/11/2024 157.680 — 2 Advoler Corp. Rights 592.639 — 1-12 Universal Travel Group 42,843 — 1-12 Contra Costa County Public Financing Authority CVR 250,877 — 2-12 Contra Costa County Public Financing Authority CVR 70,134 — 2-12 Contra Costa County Public Financing Authority CVR 70,134 — 2-12 Contra Costa County Public Financing Authority CVR 70,134 — 2-12 Contra Costa County Public Financing Authority CVR 70,134 — 2-12 Contro Costa County Public Financing Authority CVR 70,134 — 2-12 Contro Costa County Public Financing Authority CVR 70,134 — 2-12 Contro Costa County Public Financing Authority CVR 4741 — 4-12 Contro Costa County Public Financing Authority CVR 4741 — 4741 — 4741 — 4741 — 4741 — 4741 — <				_
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-2. Adords Fire. Variants Exp. 1991 (1202) — -2. Adord Corp. Rights 552, 253 — 1.2 Universal Travel Group 42, 343 — 1.12 Harvest Natural Resources Inc. 51, 259 — 1.12 Contra Costa County Public Financing Authority CVR 25, 357 — 2 Contra Costa County Board of Education CVR 70, 194 — 2** Folar Therapeutics Inc. CVR 4,741 — Real Estate (3,36%) — 4,741 American Tower Corp. 20,383,331 2,076,848 Fologis Inc. 20,383,331 2,076,848 Crown Castle International Corp. 12,133,033 1,931,468 Equinix Inc. 2,508,667 1,791,654 Dijutal Reality Trust Inc. 2,508,667 1,791,654 1. Costar Group Inc. 1,112,988 1,098,552 2. Costar Group Inc. 1,112,881 1,282,713 Public Storage 4,241 3,137,877 885,259 Simon Property Group Inc. 11,769,373 760,557 Welltower Inc. 11,769,373 760,557			·	_
1°2 Universal Tavel Group 42,843 — 1°2 Parest Natural Resources Inc. 51,829 — 1°2 Contra Costa County Public Financing Authority CVR 25,0874 — 1°2 Estar Therapeutics Inc. CVR 70,194 — 1°2 F Star Therapeutics Inc. CVR 61,021 — American Tower Corp. 12,530,452 2,812,863 — Prologis Inc. 20,839,331 2,076,848 Crown Eastle International Corp. 1,313,033 1,931,458 Equinity Inc. 2,508,687 1,791,688 1,791,688 Costar Group Inc. 1,112,988 1,029,752 1,798,688 1,791,488 1,029,752 1,798,688 1,791,488 1,029,752 1,798,688 1,791,488 1,029,752 1,798,985 1,799,688 1,791,488 1,029,752 1,798,985 1,799,688 1,791,488 1,029,753 1,798,985 1,799,688 1,799,783 1,798,985 1,799,783 7,798,783 1,799,783 7,798,783 1,799,783 7,798,783 1,799,783 7,798,798,783 1,799,783 7,798,798 <td></td> <td></td> <td></td> <td>_</td>				_
1.12 Harvest Natural Resources Inc. 251,829 — 1.2 Contra Costa County Public Finencing Authority CVR 250,874 — 1.2 Contra Costa County Public Finencing Authority CVR 70,134 — 1.2 Contra Costa County Public Finencing Authority CVR 70,134 — 1.2 For Therapeutics Inc. CVR 70,134 — Real Estate (3.36%) 12,530,452 2,812,858 Prologis Inc. 20,839,331 2,076,848 Crown Castle International Corp. 12,133,033 1,813,658 Equinix Inc. 2,509,687 1,781,654 Digital Reality Trust Inc. 2,509,687 1,781,654 CoStar Group Inc. 1,112,988 1,099,552 Using Star Communications Corp. Class A 3,137,877 885,289 Simon Property Group Inc. 9,112,2881 708,250 Well Toward Inc. 11,769,373 760,553 Well Toward Inc. 3,174,567 672,703 AvaionBay Communities Inc. 3,174,567 672,703 AvaionBay Communities Inc. 3,946,430 633,126 Equity Hesidential 10,545,				_
1.12 Contra Costa Country Public Financing Authority CVR 250,874 (2014) − 1.2 Contra Costa Country Board of Education CVR 16,021 (2014) − 2 Four Pharapeurics Inc. CVR 16,021 (2014) − Real Estate (3.36%) − − Pologis Inc. 20,839,331 (2076) 20,839,331 (2076) Crown Castle International Corp. 12,133,033 (1,931,458) 2,930,458 (2014) 1,931,458 Equinix Inc. 2,808,687 (1,731,658) 1,039,555 (1,935,552) 1,039,555 (1,935,552) 1,039,555 (1,935,552) 1,039,555 (1,935,552) 1,112,988 (1,937,738) 1,028,713 (1,931,877) 885,289 (1,938,737,873) 1,028,713 (1,931,877) 885,289 (1,938,737,873) 1,112,988 (1,932,877) 1,112,988 (1,932,877) 1,112,988 (1,932,877) 1,112,988 (1,932,877) 1,112,988 (1,932,877) 1,112,988 (1,932,877) 1,128,137,377,378 885,289 (1,932,877) 1,128,137,377 1,132,889 (1,932,877) 1,132,889 (1,932,877) 1,132,889 (1,932,877) 1,132,889 (1,932,877) 1,132,889 (1,932,877) 1,132,889 (1,932,877) 1,132,889 (1,932,877) 1,132,889 (1,932,877) 1,132,889 (1,932,877) 1,132,889 (1,932,877) 1,132,889 (1,932,877) 1,132,889 (1,932,877) 1,132,889 (1,932,		· ·	·	_
1°2 Contra Costa County Board of Education CVR 70,194 — Real Estate (3.36%) 4,741 Real Estate (3.36%) 12,530,452 2,812,585 Prologis Inc. 20,839,331 2,076,848 Crown Castle International Corp. 12,133,033 1,931,458 Equinix Inc. 2,508,687 1,791,664 Digital Realty Trust Inc. 7,881,525 1,099,552 CoStar Group Inc. 1,112,988 1,028,713 Public Storage 4,206,113 971,318 SBA Communications Corp. Class A 3,137,877 885,289 Simon Property Group Inc. 11,769,373 760,557 Wellfower Inc. 11,769,373 760,557 Wellfower Inc. 3,714,567 672,703 Alexandria Real Estate Equities Inc. 3,714,567 672,703 Alexandria Real Estate Equities Inc. 3,744,643 633,126 Equity Residential 1,568,509 61,588 Realty Income Corp. 9,827,683 610,987 CBR Croup Inc. Class A 9,944,684 564,147 Vontas Inc. </td <td></td> <td></td> <td></td> <td>_</td>				_
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Equity LifeStyle Properties Inc. 4,639,483 293,958 Host Hotels & Resorts Inc. 20,051,881 293,359 Camden Property Trust 2,759,952 275,774 Gaming & Leisure Properties Inc. 6,224,389 263,914 CyrusOne Inc. 3,363,874 246,067 Iron Mountain Inc. 8,172,273 240,919 Omega Healthcare Investors Inc. 6,418,106 233,106	*	Zillow Group Inc. Class A	2,319,343	
Host Hotels & Resorts Inc. 20,051,881 293,359 Camden Property Trust 2,759,952 275,774 Gaming & Leisure Properties Inc. 6,224,389 263,914 CyrusOne Inc. 3,363,874 246,067 Iron Mountain Inc. 8,172,273 240,919 Omega Healthcare Investors Inc. 6,418,106 233,106			4,639,483	
Camden Property Trust 2,759,952 275,774 Gaming & Leisure Properties Inc. 6,224,389 263,914 CyrusOne Inc. 3,363,874 246,067 Iron Mountain Inc. 8,172,273 240,919 Omega Healthcare Investors Inc. 6,418,106 233,106				
Gaming & Leisure Properties Inc. 6,224,389 263,914 CyrusOne Inc. 3,363,874 246,067 Iron Mountain Inc. 8,172,273 240,919 Omega Healthcare Investors Inc. 6,418,106 233,106		Camden Property Trust		
CyrusOne Inc. 3,363,874 246,067 Iron Mountain Inc. 8,172,273 240,919 Omega Healthcare Investors Inc. 6,418,106 233,106			6,224,389	
Iron Mountain Inc. 8,172,273 240,919 Omega Healthcare Investors Inc. 6,418,106 233,106				
Omega Healthcare Investors Inc. 6,418,106 233,106		•		
		Omega Healthcare Investors Inc.		

		Market Value
	Shares	(\$000)
VEREIT Inc.	6,116,421	231,140
American Homes 4 Rent Class A	7,548,832	226,465
RealPage Inc.	2,590,366	225,984
STORE Capital Corp.	6,596,332	224,143
Regency Centers Corp.	4,818,694	219,684
Jones Lang LaSalle Inc.	1,448,141	214,861
Lamar Advertising Co. Class A	2,444,165	203,403
National Retail Properties Inc.	4,928,723	201,683
Vornado Realty Trust	5,057,917	188,863
Kilroy Realty Corp.	3,273,335	187,889
Redfin Corp.	2,731,981	187,496
CubeSmart	5,455,783	183,369
Federal Realty Investment Trust	2,145,370	182,614
Rexford Industrial Realty Inc.	3,601,773	176,883
Kimco Realty Corp.	11,627,990	174,536
Healthcare Trust of America Inc. Class A	6,211,023	171,052
American Campus Communities Inc.	3,907,877	167,140
Apartment Income REIT Corp.	4,213,209	161,829
Life Storage Inc.	1,344,141	160,477
EastGroup Properties Inc.	1,105,617	152,641
CoreSite Realty Corp.	1,205,576	151,035
First Industrial Realty Trust Inc.	3,584,060	150,996
Cousins Properties Inc.	4,200,045	140,701
Brixmor Property Group Inc.	8,407,905	139,151
Douglas Emmett Inc.	4,748,477	138,561
STAG Industrial Inc.	4,322,271	135,374
Hannon Armstrong Sustainable Infrastructure Capital Inc.	1,979,598	125,566
SL Green Realty Corp.	2,048,091	122,025
Spirit Realty Capital Inc.	3,006,637	120,777
Highwoods Properties Inc.	2,954,257	117,077
nnovative Industrial Properties Inc.	631,652	115,674
Park Hotels & Resorts Inc.	6,731,599	115,447
Healthcare Realty Trust Inc.	3,848,106	113,904
Rayonier Inc.	3,828,776	112,489
IBG SMITH Properties	3,589,740	112,251
Terreno Realty Corp.	1,911,617	111,849
QTS Realty Trust Inc. Class A	1,780,287	110,164
Physicians Realty Trust	5,904,547	105,101
Hudson Pacific Properties Inc.	4,359,179	104,707
Agree Realty Corp.	1,518,665	101,113
Sabra Health Care REIT Inc.	5,813,624	100,983
Ryman Hospitality Properties Inc.	1,402,623	95,042
Howard Hughes Corp.	1,202,986	94,952
PotlatchDeltic Corp.	1,790,416	89,557
Equity Commonwealth	3,193,834	87,128
National Health Investors Inc.	1,188,290	82,194
Corporate Office Properties Trust	3,148,954	82,125
Lexington Realty Trust	7,658,922	81,338
Outfront Media Inc.	4,089,534	79,991
Apple Hospitality REIT Inc.	6,007,002	77,550
Uniti Group Inc.	6,523,317	76,518
PS Business Parks Inc.	569,132	75,621
Weingarten Realty Investors	3,413,284	73,966
Pebblebrook Hotel Trust		69,821
	3,713,889	
Sunstone Hotel Investors Inc.	6,084,510	68,937
EPR Properties	2,113,725	68,696
RLJ Lodging Trust	4,715,682	66,727
Colony Capital Inc.	13,671,708	65,761
	2,889,596	61,259
Essential Properties Realty Trust Inc.		~
Essential Properties Realty Irust Inc. Four Corners Property Trust Inc. Kennedy-Wilson Holdings Inc.	2,052,608 3,394,177	61,106 60,722

CareTrust REIT Inc.				Market
Brandywine Realty Tust			Shares	
Brandywine Realty Tust		CareTrust BEIT Inc	2 684 523	59 543
Paidmont Office Relatify Trust Inc. Class A \$3.488.255 56,137 \$1.4955 \$3.495				
National Strasga Affiliates Rust				,
Service Properties of America Inc. Class A				
Betail Properties of America Inc. Class A 5,003,683 51,389 2,816 10,000 2,160,943 49,398 2,816 10,000 2,160,943 49,398 2,160,943 49,398 2,160,943				
Easterly Government Properties Inc.				
Kenia Hotels & Resorts Inc. 3,225,535 49,028 Washington REIT 2,287,048 48,833 Paramount Group Inc. 5,380,028 48,482 DalmondRock Hospitality Co. 5,680,078 46,619 Custiman Wakefield Life 3,173,274 46,382 Custiman Wakefield Life Life Say 4,887,636 45,273 Monround Real Estate Investment Corp. 2,571,211 44,533 SITE Centers Corp. 4,383,170 44,383 Industrial Logistics Properties Trust 1,903,402 44,333 Reside Opportunity Investments Corp. 3,272,077 42,393 Reside Opportunity Investments Corp. 1,079,664 42,006 Reside Properties Inc. 3,743,212 39,404 Juhan Edge Properties Inc. 3,743,212 39,404 Acotin Reside Flag Flag Flag Flag Flag Flag Flag Flag		·	2,180,943	
Paramount Group Inc.		Xenia Hotels & Resorts Inc.	3,225,535	
1 DiamondRock Hospitality Co. 5,660,738 46,819 C Cubman & Wakefield pl. 3,119,725 46,266 Empire State Realty Trust Inc. Class A 4,876,756 45,273 Monmouth Real Estate Investment Corp. 2,571,211 44,533 SITE Centers Corp. 4,838,170 44,853 Indistrial Logistics Properties Trust 1,903,402 44,330 Global Net Lease Inc. 2,545,556 43,631 Indistrial Logistics Properties Trust 1,100,402 44,330 Global Net Lease Inc. 3,272,777 42,930 LTC Properties Inc. 3,100,988 41,521 American Assats Tust Inc. 3,100,988 41,521 American Assats Tust Inc. 3,122,227 40,402 Kire Besity Group Trust 2,246,272 35,100 Alexandra & Baldwin Inc. 2,346,272 35,100 Alexandra & Baldwin Inc. 2,439,447 34,616 Independence Realty Trust Inc. 2,749,447 34,616 Independence Realty Trust Inc. 3,22,926 39,870 Salfehold Inc. 3,289,926 39,87		Washington REIT	2,257,648	48,833
1 DiamondRock Hospitality Co. 5,660,738 46,819 C Cubman & Wakefield pl. 3,119,725 46,266 Empire State Realty Trust Inc. Class A 4,876,756 45,273 Monmouth Real Estate Investment Corp. 2,571,211 44,533 SITE Centers Corp. 4,838,170 44,853 Indistrial Logistics Properties Trust 1,903,402 44,330 Global Net Lease Inc. 2,545,556 43,631 Indistrial Logistics Properties Trust 1,100,402 44,330 Global Net Lease Inc. 3,272,777 42,930 LTC Properties Inc. 3,100,988 41,521 American Assats Tust Inc. 3,100,988 41,521 American Assats Tust Inc. 3,122,227 40,402 Kire Besity Group Trust 2,246,272 35,100 Alexandra & Baldwin Inc. 2,346,272 35,100 Alexandra & Baldwin Inc. 2,439,447 34,616 Independence Realty Trust Inc. 2,749,447 34,616 Independence Realty Trust Inc. 3,22,926 39,870 Salfehold Inc. 3,289,926 39,87		Paramount Group Inc.	5,363,082	48,482
Columbia Property Trust Inc. 3,232,340 4,852 Cushman & Wakferfeld plc 3,119,725 46,266 Empire State Reality Trust Inc. Class A 4,857,636 45,273 Monomuth Real Estate Investment Corp. 2,571,211 44,353 SITE Centers Corp. 4,383,170 44,386 Industrial Logistics Properties Trust 1,093,402 44,330 Global Nat Lease Inc. 2,545,556 43,831 Realogy Holdings Corp. 1,079,564 42,006 Retail Doportunity Investments Corp. 1,079,564 42,006 Retail Doportunity Investments Corp. 1,423,939 41,123 American Assats Trust Inc. 1,423,939 41,123 Uthan Edge Properties 3,122,227 40,402 Micerich Co. 3,743,212 39,940 Kire Realty Group Trust 2,246,272 35,100 Acadia Realty Trust Inc. 2,289,467 3,431 Si Jance 2,489,447 34,511 Si Jance 2,489,447 34,511 Si Jance 2,289,453 32,511 Si Jance	*		5,650,738	
Empire State Realty Trust Inc. Class A 4,857,636 45,273 Monomuth Real Estate Investment Corp. 4,383,170 44,338 SITE Centers Corp. 4,383,170 44,338 Industrial Logistics Properties Trust 1,003,402 44,330 Global Nat Lease Inc. 2,545,556 43,631 42,545,556 43,631 42,632 42,006 42,00			3,232,340	46,352
Mommouth Real Estate Investment Corp.	*	Cushman & Wakefield plc	3,119,725	46,266
SIE Centers Corp.		Empire State Realty Trust Inc. Class A	4,857,636	45,273
Industrial Logistics Properties Trust 1,903,402		Monmouth Real Estate Investment Corp.	2,571,211	44,533
Global Net Lease Inc.		SITE Centers Corp.	4,383,170	44,358
Realogy Floldings Corp. 3,272,077 42,330 LTC Properties Inc. 1,079,564 42,006 Retail Opportunity Investments Corp. 3,100,888 41,521 American Assets Trust Inc. 1,423,839 41,123 Uthan Edge Properties 3,122,227 40,402 Macerich Co. 3,743,212 39,940 Kite Realty Group Trust 2,346,272 35,100 Alexander & Baidwin Inc. 2,028,066 34,842 Acadia Realty Trust Inc. 2,555,586 34,211 Independence Realty Trust Inc. 786,019 33,876 Safehold Inc. 786,019 33,876 Safehold Inc. 434,097 31,488 Office Properties Income Trust 1,380,911 30,676 Newmark Group Inc. Class A 4,139,411 30,766 Newmark Group Inc. Class A 4,139,411 30,762 Get Group Inc. 3,282,295 29,087 Community Healthcare Trust Inc. 600,383 22,224 Getty Realty Corp. 1,100,597 27,731 Mack-Call Realty Corp. 2,187,451 27,256 Diversified Healthcare Trust <td></td> <td>Industrial Logistics Properties Trust</td> <td>1,903,402</td> <td>44,330</td>		Industrial Logistics Properties Trust	1,903,402	44,330
LTC Properties Inc.		Global Net Lease Inc.	2,545,556	43,631
Retail Opportunity Investments Corp. 3,100,888 41,521	*	Realogy Holdings Corp.	3,272,077	42,930
American Assets Tust Inc. 1,423,939 41,123 Urban Edge Properties 3,122,227 40,402 Macerich Co. 3,743,212 39,940 Kite Realty Group Trust 2,346,272 35,100 Alexander & Baldwin Inc. 2,028,066 34,842 Acadia Realty Trust 2,439,447 34,616 Independence Realty Trust Inc. 2,555,586 34,321 St. Joe Co. 798,019 33,876 Safehold Inc. 434,097 31,468 Office Properties Income Trust 1,350,191 30,676 Newmark Group Inc. Class A 4,139,411 30,176 GEG Group Inc. Class A 5,869,907 27,739 Geg Group Inc. Class A 5,869,907 27,039 Summit Hotel Properties Inc. 2,984,533 28,891 Centerspace 379,307 26,794 Tanger Factory Outlet Centers Inc. 2,984,533 28,891 Centerspace 3,793,077 26,794 Tanger Factory Outlet Centers Inc. 58,209 24,656 NewPoint Residential Tust Inc. 58,209 24,656 NewToint Mesidential Tust Inc. 58,209 24,656 NewToint Mesidential Tust Inc. 58,209 13,436 Orocivic Inc. 1,934,2568 21,750 Front Yard Residential Corp. 1,900,342 19,753 Rodatione Net Lease Inc. Class A 4,209,993 13,436 Gladstone Net Lease Inc. Class A 4,209,993 13,436 Gladstone Commercial Corp. 1,006,697 18,157 Armade Hoffler Properties Inc. 1,534,686 1,750 Rodatione Commercial Corp. 1,006,697 18,157 Armade Hoffler Properties Inc. 1,548,681 1,242,686 1,242 Least Millichap In		LTC Properties Inc.	1,079,564	42,006
Urban Edge Properties 3,122.27 40,402 Macerich Co. 3,743.212 39,904 Kite Realty Group Trust 2,346,272 35,100 Alexander & Baidvinn Inc. 2,028,066 34,842 Acadia Realty Trust 2,439,447 34,616 Independence Realty Trust Inc. 2,555,586 34,221 St. Joe Co. 798,019 33,876 Safehold Inc. 434,097 31,468 Office Properties Income Trust 1,350,191 30,676 Newmark Group Inc. Class A 4,139,411 30,176 Newmark Group Inc. Class A 4,139,411 30,176 GEO Group Inc. 600,383 32,282,925 29,087 Community Healthcare Trust Inc. 600,383 28,284 Getty Realty Corp. 2,187,451 27,256 Diversified Healthcare Trust 6,562,907 27,039 Summit Hotel Properties Inc. 2,984,533 26,891 Centerspace 379,07 25,092 Marcus & Millichap Inc. 673,970 25,092 Macrus & Millichap Inc.		Retail Opportunity Investments Corp.	3,100,888	41,521
1 Macerica Co 3,743,212 39,940 Kite Realty Group Trust 2,346,272 35,100 Alexander & Baldwin Inc. 2,028,066 34,842 Acadia Realty Trust 2,439,447 34,616 Independence Realty Trust Inc. 2,555,566 34,321 St. Joe Co. 798,019 33,876 Safehold Inc. 434,097 31,468 Office Properties Income Trust 1,350,191 30,676 Newmark Group Inc. Class A 4,139,411 30,176 GEO Group Inc. 3,282,925 29,087 Community Healthcare Trust Inc. 600,383 28,284 Getty Realty Corp. 1,006,927 27,731 Mack-Cali Realty Corp. 2,187,451 27,256 Diversified Healthcare Trust 6,562,907 27,093 Summit Hotel Properties Inc. 2,394,533 26,891 Centerspace 379,307 25,685 ** Marcus & Millichap Inc. 673,970 25,692 NexPoint Residential Trust Inc. 582,809 24,659 Universal Health Realty Income Trust 3,127,867 23,240 Universal Health Realty Income Tr		American Assets Trust Inc.	1,423,939	41,123
Kite Realty Group Trust 2,346,272 35,100 Alexander & Baldwin Inc. 2,028,066 34,842 Acadia Realty Trust Inc. 2,555,566 34,321 St. Joe Co. 798,019 33,876 Safehold Inc. 434,097 31,466 Office Properties Income Trust 1,350,191 30,676 Newmark Group Inc. Class A 4,139,411 30,176 GEO Group Inc. 3,282,925 29,087 Community Healthcare Trust Inc. 600,383 28,284 Getty Realty Corp. 1,006,927 27,731 Mack-Call Realty Corp. 2,187,461 27,256 Diversified Healthcare Trust 6,562,907 29,087 Centerspace 379,307 26,794 Tanger Factory Outlet Centers Inc. 2,566,544 25,566 Marcus & Millichap Inc. 522,809 24,659 Marcus & Millichap Inc. 522,809 24,659 Marcus & Millichap Inc. 522,809 24,659 Marcus & Millichap Inc. 52,809 24,659 Marcus & Millichap Inc. 32,17,98		Urban Edge Properties	3,122,227	40,402
Alexander & Baldwin Inc. 2,028,066 34,842 Acadia Realty Trust Inc. 2,439,447 34,616 Independence Realty Trust Inc. 2,555,566 34,321 St. Joe Co. 798,0119 33,876 Safehold Inc. 434,097 31,468 Office Properties Income Trust 1,550,191 30,676 Newmark Group Inc. Class A 4,139,411 30,176 GEO Group Inc. Class A 4,139,411 30,176 GEO Group Inc. 600,383 28,284 Getty Realty Corp. 1,006,927 27,731 Mack-Cali Realty Corp. 2,187,451 27,256 Diversified Healthcare Trust 6,562,907 27,039 Summit Hotel Properties Inc. 2,984,533 26,891 Centerspace 379,307 25,994 Tanger Factory Outlet Centers Inc. 673,970 25,992 Marcus & Millichap Inc. 673,970 25,992 Marcus & Millichap Inc. 673,970 25,992 American Finance Trust Inc. 3127,867 23,240 Universal Health Realty Income Trust 3,127,867 23,240 Universal Health Realty Income Trust 3,21,798 21,759 Front Yard Residential Corp. 1,342,568 21,750 Front Yard Residential Corp. 1,342,568 21,750 Gladstone Commercial Corp. 1,008,697 18,157 Armada Hoffler Properties Inc. 2,283,232 16,974 UMH Properties Inc. 1,104,230 16,345 REMAN Holdings Inc. Class A 400,873 16,245 REMAN Holdings Inc. Class A 400,874 1,104,230 16,345 RMR Group Inc. Class A 400,874 1,104,230 16,345 RMR Group Inc. Class A 400,874 1,104,230 16,345 RMR Group Inc. Class A 400,637 16,245 RMR Group	1	Macerich Co.	3,743,212	39,940
Acadia Realty Trust 2,439,447 34,815 Independence Realty Trust Inc. 2,555,586 34,321 St. Joe Co. 798,0119 33,876 Safehold Inc. 434,097 31,488 Office Properties Income Trust 1,350,191 30,676 Newmark Group Inc. Class A 4,139,411 30,176 GEO Group Inc. 3,282,295 29,087 Community Healthcare Trust Inc. 600,338 28,284 Getty Realty Corp. 1,006,927 27,731 Mack-Cali Realty Corp. 2,187,451 27,256 Diversified Healthcare Trust 6,562,907 27,039 Summit Hotel Properties Inc. 2,984,533 26,891 Centerspace 379,307 26,794 1 Tanger Factory Outlet Centers Inc. 2,566,544 25,563 4 Marcus & Millichap Inc. 562,890 24,659 American Finance Trust Inc. 3,127,867 23,240 Universal Health Realty Income Trust 354,637 22,792 Apartment Investment & Management Co. Class A 1,228,689 1,759 <td></td> <td>Kite Realty Group Trust</td> <td>2,346,272</td> <td>35,100</td>		Kite Realty Group Trust	2,346,272	35,100
Independence Realty Trust Inc.		Alexander & Baldwin Inc.	2,028,066	34,842
St. Joe Co. 798,019 33,876 Safehold Inc. 434,097 31,468 Office Properties Income Trust 1,350,191 30,676 Newmark Group Inc. Class A 4,139,411 30,176 GEO Group Inc. 600,383 28,284 Cetty Realty Corp. 1,006,927 27,731 Mack-Cali Realty Corp. 1,006,927 27,731 Diversified Healthcare Trust 6,562,907 27,039 Summit Hotel Properties Inc. 2,984,533 26,891 Centerspace 379,307 26,794 Tanger Factory Outlet Centers Inc. 673,970 25,092 Marcus & Millichap Inc. 673,970 25,092 NexPoint Residential Trust Inc. 52,809 24,659 American Finance Trust Inc. 3,127,867 23,240 Universal Health Realty Income Trust 354,637 22,792 Apartment Investment & Management Co. Class A 4,208,983 22,223 CoreCivic Inc. 3,321,978 21,759 Front Yard Residential Corp. 1,342,568 21,750 Broadstone Net Lease Inc. Class A 1,008,697 18,157 Ar		Acadia Realty Trust	2,439,447	34,616
Safehold Inc. 434,097 31,488 Office Properties Income Trust 1,350,191 30,678 Newmark Group Inc. Class A 4,139,411 30,176 GEO Group Inc. 3,282,925 29,087 Community Healthcare Trust Inc. 600,383 28,284 Getty Realty Corp. 1,006,927 27,731 Mack-Cali Realty Corp. 2,187,451 27,256 Diversified Healthcare Trust 6,562,907 20,39 Summit Hotel Properties Inc. 2,984,533 26,891 Centerspace 379,307 25,665,544 Tanger Factory Outlet Centers Inc. 2,566,544 25,563 Marcus & Millichap Inc. 552,809 24,659 NexPoint Residential Trust Inc. 352,809 24,659 American Finance Trust Inc. 352,809 24,659 Universal Health Realty Income Trust 352,809 22,249 Apartment Investment & Management Co. Class A 32,21,978 21,759 Front Yard Residential Corp. 1,342,568 21,759 Front Yard Residential Corp. 1,342,568 21,759 <td></td> <td>Independence Realty Trust Inc.</td> <td>2,555,586</td> <td>34,321</td>		Independence Realty Trust Inc.	2,555,586	34,321
Office Properties Income Trust 1,350,191 30,676 Newmark Group Inc. Class A 4,139,411 30,176 GEO Group Inc. 32,282,925 29,087 Community Healthcare Trust Inc. 600,383 28,284 Getty Realty Corp. 2,187,451 27,256 Diversified Healthcare Trust 6,562,907 27,039 Summit Hotel Properties Inc. 2,984,533 26,891 Centerspace 379,307 26,794 Tanger Factory Outlet Centers Inc. 2,566,544 25,563 Marcus & Millichap Inc. 673,970 25,092 NexPoint Residential Trust Inc. 33,127,867 23,240 Universal Health Realty Income Trust 354,637 22,792 Apartment Investment & Management Co. Class A 4,208,983 22,223 CoreCivic Inc. 3,321,978 21,759 Front Yard Residential Corp. 1,342,568 21,750 Broadstone Net Lease Inc. Class A 1,009,342 19,763 RPT Realty 2,246,909 19,436 Gladstone Commercial Corp. 1,537,823 17,254		St. Joe Co.	798,019	33,876
Newmark Group Inc. Class A 4,139,411 30,176 GEO Group Inc. 3,282,925 29,087 Community Healthcare Trust Inc. 600,383 28,284 Getty Realty Corp. 1,006,927 27,731 Mack-Cali Realty Corp. 2,187,451 27,256 Diversified Healthcare Trust 6,562,907 27,039 Summit Hotel Properties Inc. 2,984,533 26,891 Centerspace 379,307 26,794 Tanger Factory Outlet Centers Inc. 2,566,544 25,563 Marcus & Millichap Inc. 673,970 25,092 NexPoint Residential Trust Inc. 582,809 24,659 American Finance Trust Inc. 3,127,867 23,240 Universal Health Realty Income Trust 354,637 22,792 Apartment Investment & Management Co. Class A 3,21,786 22,792 CoreCivic Inc. 3,321,978 21,759 Front Yard Residential Corp. 1,342,568 21,750 Broadstone Net Lease Inc. Class A 1,003,342 19,763 Armada Hoffler Properties Inc. 1,537,823 17,254		Safehold Inc.	434,097	31,468
GEO Group Inc.		Office Properties Income Trust	1,350,191	30,676
Community Healthcare Trust Inc. 600,383 28,284 Getty Realty Corp. 1,006,927 27,731 Mack-Cali Realty Corp. 2,187,451 27,256 Diversified Healthcare Trust 6,562,907 27,039 Summit Hotel Properties Inc. 2,984,533 26,891 Centerspace 379,307 26,794 1 Tanger Factory Outlet Centers Inc. 2,566,544 25,563 Marcus & Millichap Inc. 673,970 25,092 NexPoint Residential Trust Inc. 582,809 24,659 American Finance Trust Inc. 3,127,867 23,240 Universal Health Realty Income Trust 354,637 22,792 Apartment Investment & Management Co. Class A 4,208,983 22,223 CoreCivic Inc. 3,321,978 21,750 Inc. 1,342,568 21,750 Inc. 1,342,568 21,750 Inc. 1,342,568 21,750 Inc. 1,008,697 18,157 Arror Yerla Residential Corp. 1,008,697 18,157 Arror Yerla Residential Corp. 1,008,6		Newmark Group Inc. Class A	4,139,411	30,176
Getty Realty Corp. 1,006,927 27,731 Mack-Call Realty Corp. 2,187,451 27,256 Diversified Healthcare Trust 6,562,907 27,039 Summit Hotel Properties Inc. 2,984,533 26,891 Centerspace 379,307 26,794 Marcus & Millichap Inc. 673,970 25,092 NexPoint Residential Trust Inc. 582,809 24,659 American Finance Trust Inc. 31,27,867 23,240 Universal Health Realty Income Trust 354,637 22,792 Apartment Investment & Management Co. Class A 4,208,983 22,223 CoreCivic Inc. 3,321,978 21,759 Front Yard Residential Corp. 1,342,568 21,750 Broadstone Net Lease Inc. Class A 1,009,342 19,763 RPT Realty 2,246,909 19,436 Gladstone Commercial Corp. 1,008,697 18,157 Armada Hoffler Properties Inc. 1,537,823 17,254 RE/MAX Holdings Inc. Class A 471,130 17,116 Colony Credit Real Estate Inc. 58,463 16,245 <	1	GEO Group Inc.	3,282,925	29,087
Mack-Cali Realty Corp. 2,187,451 27,256 Diversified Healthcare Trust 6,562,907 27,039 Summit Hotel Properties Inc. 2,984,533 26,891 Centerspace 379,307 26,794 Marcus & Millichap Inc. 673,970 25,092 NexPoint Residential Trust Inc. 582,809 24,659 American Finance Trust Inc. 3,127,867 23,240 Universal Health Realty Income Trust 354,637 22,792 Apartment Investment & Management Co. Class A 4,208,983 22,223 CoreCivic Inc. 3,321,978 21,759 Front Yard Residential Corp. 1,342,568 21,759 Front Yard Residential Corp. 1,009,342 19,763 RPT Realty 2,246,909 19,436 Gladstone Commercial Corp. 1,008,697 18,157 Armada Hoffler Properties Inc. 1,537,823 17,254 RE/MAX Holdings Inc. Class A 471,130 17,116 Colony Credit Real Estate Inc. 2,263,232 16,974 UMH Properties Inc. 58,463 16,215 Global Medical REIT Inc. 58,463 16,215		Community Healthcare Trust Inc.	600,383	28,284
Diversified Healthcare Trust 6,562,907 27,039 Summit Hotel Properties Inc. 2,984,533 26,891 Centerspace 379,307 26,794 Tanger Factory Outlet Centers Inc. 2,566,544 25,563 Marcus & Millichap Inc. 673,970 25,092 NexPoint Residential Trust Inc. 582,809 24,659 American Finance Trust Inc. 3,127,867 23,240 Universal Health Realty Income Trust 354,637 22,792 Apartment Investment & Management Co. Class A 4,208,983 22,223 CoreCivic Inc. 3,321,978 21,759 Front Yard Residential Corp. 1,342,568 21,750 In Broadstone Net Lease Inc. Class A 1,009,342 19,763 RPT Realty 2,246,909 19,436 Gladstone Commercial Corp. 1,008,697 18,157 Armada Hoffler Properties Inc. 1,537,823 17,254 RE/MAX Holdings Inc. Class A 471,130 17,116 Colony Credit Real Estate Inc. 2,263,232 16,974 UMH Properties Inc. 58,463 16,245				27,731
Summit Hotel Properties Inc. 2,984,533 26,891 Centerspace 379,307 26,794 1 Tanger Factory Outlet Centers Inc. 2,566,544 25,568 Marcus & Millichap Inc. 673,970 25,092 NexPoint Residential Trust Inc. 582,809 24,659 American Finance Trust Inc. 31,27,867 23,240 Universal Health Realty Income Trust 354,637 22,792 Apartment Investment & Management Co. Class A 4,208,983 22,223 CoreCivic Inc. 3,321,978 21,759 Front Yard Residential Corp. 1,342,568 21,750 1 Broadstone Net Lease Inc. Class A 1,009,342 19,763 RPT Realty 2,246,909 19,436 Gladstone Commercial Corp. 1,108,697 18,157 Armada Hoffler Properties Inc. 1,537,823 17,254 RE/MAX Holdings Inc. Class A 471,130 17,116 Colony Credit Real Estate Inc. 2,263,232 16,974 UMH Properties Inc. 58,463 16,215 RMR Group Inc. Class A 58,463 16,215 <td></td> <td>Mack-Cali Realty Corp.</td> <td>2,187,451</td> <td></td>		Mack-Cali Realty Corp.	2,187,451	
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Catchiviark Limber Irust Inc. Class A 1,404,306 13,144				
		CatchMark Timber Trust Inc. Class A	1,404,306	13,144

			Market
		Shares	Value (\$000)
	Franklin Street Properties Corp.	2,756,483	12,046
	Urstadt Biddle Properties Inc. Class A	836,941	11,826
	Gladstone Land Corp.	764,870	11,198
	City Office REIT Inc.	1,124,425	10,986
	NETSTREIT Corp.	555,203	10,821
	Saul Centers Inc.	338,220	10,715
	Ares Commercial Real Estate Corp.	862,240	10,269
	CorePoint Lodging Inc.	1,485,953	10,223
	New Senior Investment Group Inc.	1,898,082	9,832
	Hersha Hospitality Trust Class A	1,219,370	9,621
*	Rafael Holdings Inc. Class B	410,756	9,579
*	Forestar Group Inc.	470,728	9,499
	Bluerock Residential Growth REIT Inc. Class A	746,912	9,463
	Preferred Apartment Communities Inc. Class A	1,265,981	9,368
*	Tejon Ranch Co.	635,502	9,183
	Plymouth Industrial REIT Inc.	611,386	9,171
	Whitestone REIT	1,119,109	8,919
	One Liberty Properties Inc.	420,008	8,430
	CTO Realty Growth Inc.	177,935	7,502
1	Farmland Partners Inc.	833,298	7,250
	Retail Value Inc.	462,698	6,880
*	PICO Holdings Inc.	724,426	6,773
	BRT Apartments Corp.	432,843	6,579
*	FRP Holdings Inc.	132,993	6,058
*	Maui Land & Pineapple Co. Inc.	513,463	5,920
*	Stratus Properties Inc.	227,088	5,791
*	Fathom Holdings Inc.	137,900	4,970
	Tiptree Inc.	896,304	4,499
	CIM Commercial Trust Corp.	275,345	3,921
	Postal Realty Trust Inc. Class A	227,591	3,842
*	Braemar Hotels & Resorts Inc.	815,154	3,758
	Clipper Realty Inc.	530,809	3,742
*,1	Ashford Hospitality Trust Inc.	1,280,870	3,317
1	Washington Prime Group Inc.	487,304	3,172
	Alpine Income Property Trust Inc.	205,500	3,080
	Cedar Realty Trust Inc.	285,487	2,892
	CorEnergy Infrastructure Trust Inc.	299,603	2,052
*	Indus Realty Trust Inc.	25,617	1,601
	Global Self Storage Inc.	358,172	1,436
	Sotherly Hotels Inc.	529,818	1,325
1	Pennsylvania REIT	1,317,820	1,318
	Urstadt Biddle Properties Inc.	94,274	1,130
*	Condor Hospitality Trust Inc.	211,609	834
*	Power REIT	29,103	777
*,1	Avalon GloboCare Corp.	470,565	527
*,1	Wheeler REIT Inc.	130,830	362
*	InterGroup Corp.	7,266	221
*	Transcontinental Realty Investors Inc.	6,597	159
*	JW Mays Inc.	4,010	89
	Trinity Place Holdings Inc.	36,941	46
*	Power REIT Rights	29,103	6
			36,303,445
Tech	nnology (26.11%)		
	Apple Inc.	431,284,490	57,227,139
	Microsoft Corp.	213,105,312	47,398,884
*	Facebook Inc. Class A	67,764,638	18,510,589
*	Alphabet Inc. Class A	8,507,525	14,910,629
*	Alphabet Inc. Class C	7,871,113	13,789,245
*	NVIDIA Corp.	16,577,597	8,656,821
-	Adobe Inc.	13,529,688	6,766,468

salesforce com Inc. 13,382,14 5,6 Broadcom Inc. 31,883,683 4,8 Teas Instruments Inc. 25,880,283 4,8 Oracle Corp. 55,942,967 3,1 International Business Machines Corp. 55,112,170 3,3 Advanced Micro Devices Inc. 33,884,522 3,1 Intuit Inc. 7,016,123 2,6 Intuit Inc. 7,016,123 2,6 Micro Technology Inc. 31,874,73 2,2 Applied Materials Inc. 25,768,978 2,2 Lam Research Corp. 4,061,112 1,6 Autodesk Inc. 6,186,607 1,6 Zoom Video Communications Inc. Class A 31,318,207 1,6 Analog Devices Inc. 3,951,994 1,6 Twillio Inc. Class A 31,318,207 1,6 Twillio Inc. Class A 31,318,207 1,6 Twillio Inc. Class A 1,0 1,0 Verificaty Inc. Class A 1,0 1,0 Verificaty Inc. Class A 1,0 1,0 Verificaty Inc. Class A			Market Value
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Broadcom Inc.	Intel Corp.	115,513,847	5,754,900
CUALCOMM Inc.			5,420,037
Texas Instruments Inc. 25,880,283 4.2 Coracle Corp. 50,942,967 3.2 International Business Machines Corp. 25,112,170 3.3 Advanced Micro Devices Inc. 38,844,532 3.3 Service/Now Inc. 7,016,123 2.2 Micron Technology Inc. 31,387,473 2.2 Applied Materials Inc. 25,788,978 2.2 Applied Materials Inc. 25,788,978 2.2 Applied Materials Inc. 25,788,978 2.2 Applied Materials Inc. 26,788,978 2.2 Applied Materials Inc. 26,186,007 1.6 Autodesk Inc. 31,387,473 2.5 Applied Materials Inc. 31,387,473 2.5 Autodesk Inc. 40,811,172 1.7 Autodesk Inc. 51,4728 1.7 Sing Inc. Class A 31,318,207 1.6 Towito Inc. Class A 3,951,984 1.5 Roper Technologies Inc. 2,900,819 1.7 Cognizant Technology Solutions Corp. Class A 5,881,472 1.7 Towitor Inc. Class A 5,881,472 1.7 Towitor Inc. Class A 5,881,472 1.7 Type Inc. Class A 5,881,472 1.7 KLA Corp. 4,386,619 1.7 Synopsys Inc. 4,386,619 1.7 Synopsys Inc. 4,386,619 1.7 Match Group Inc. 7,116,397 1.6 Cadence Design Systems Inc. 7,116,397 1.6 Cadence Design Systems Inc. 7,116,397 1.6 Cadence Design Systems Inc. 6,913,216 5 Pinterest Inc. Class A 4,937,525 1.6 Microtip Technology Inc. 1,821,586 5 Pinterest Inc. Class A 4,397,715 1.6 Pinterest Inc. Class A 4,397,997 5 Pinterest Inc. Class A 4,397,999 5 Pinterest Inc. Class A			4,988,081
Oracle Corp. International Business Machines Corp. Advanced Micro Devices Inc. Service Now Inc. Intuit Inc. Service Now Inc. Intuit Inc. Service Now Inc. Intuit Inc. 17, 1016 123 2, 2, 3, 844, 667 3, 3, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,			4,857,157
International Business Machines Corp. 25,112,170 3.1			4,247,728
Advanced Micro Devices Inc. 33,884,532 3.1 ServicanNow Inc. 1,949,667 3.3 Intuit Inc. 7,016,123 3.1 All Corn Technology Inc. 31,387,473 2.2 Applied Materials Inc. 25,788,978 2.2 Lam Research Corp. 4,081,112 1.6 Autodesk Inc. 6,186,607 1.6 Zoom Video Communications Inc. Class A 51,147,228 1,1 Snap Inc. Class A 10,436,123 1,1 Analog Devices Inc. 10,436,123 1,1 Twill on Inc. Class A 2,900,819 1,2 Coprizant Technology Solutions Corp. Class A 1,046,123 1,2 Workday Inc. Class A 5,067,408 1,2 Workday Inc. Class A 5,067,408 1,2 Tecton Encitivity Ltd. 9,348,114 1,1 KLA Corp. 4,288,496 1,1 Synopsys Inc. 4,288,496 1,1 Amphenol Corp. Class A 4,961,547 1,1 DocuSign Inc. Class A 4,961,547 1,1 March Group Inc. 7,217,468 1,4 Cadence Design S			3,295,501
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Intuit Inc.			3,107,550
Micron Technology Inc. 31,387,473 25,789,378 22,189,378 22,189,378 22,189,378 22,189,378 22,189,378 22,189,378 22,189,378 22,189,378 22,182,378 4,061,112 1,18 1,112 1,18 1,18 1,112 1,18 1,18 1,112 1,18 1,18 1,11 1,18 1,11 1,18 1,18 1,11 1,18 1,11 1,18			3,024,430
Applied Materials Inc. Lam Research Corp. 4,061,112 2. Lam Research Corp. 5, Autodesk Inc. 25,000 Yideo Communications Inc. Class A 5,214,728 5nap Inc. Class A 5,214,728 5nap Inc. Class A 31,316,207 1,436,123 1,500 Yideo Communications Inc. Class A 3,131,207 1,100 Yideo Communications Inc. Class A 3,131,207 1,100 Yideo Class A 3,131,207 1,100 Yideo Class A 3,131,207 1,100 Yideo Yid			2,665,074
Lam Research Corp. Autodesk Inc. 1 Autodesk Inc. 3 Autodesk Inc. 2 Com Video Communications Inc. Class A 5,214,728 1,7 5 raip Inc. Class A 5,214,728 1,1 7 Willo Inc. Class A 3,1312,07 1,1 8 Reper Technologies Inc. Cognizant Technology Solutions Corp. Class A 15,081,472 1,7 1 Workday Inc. Class A 15,081,472 1,7 1 Workday Inc. Class A 15,081,472 1,7 1 Twitter Inc. 2 2,002,882 1,7 1 Te Connectivity Ltd. KILA Corp. 4,566,619 1,1 1 Amphenol Corp. Class A 4,866,619 1,1 1 Docusign Inc. Class A 4,861,547 1 Docusign Inc. Class A 4,861,547 1 Docusign Inc. Class A 4,861,547 1 Dr. Cadence Design Systems Inc. 2 Cadence Design Systems Inc. 3 R77,488 1,6 2 Cadence Design Systems Inc. 3 R77,488 1,6 2 Crowdstrike Holdings Inc. Class A 4,837,525 1,6 4,877,57 1,6 4,878,78 4,879,78 1,7,116,797 1,6 4,7,116,797 1,7 5 Phinterest Inc. Class A 4,937,525 1,6 4,879,716 1,8 1,996,716 2,859,26 2,859,26 3,877,818 2,119,569 2,119,568			2,359,710
Autodesk Inc. Zoom Video Communications Inc. Class A 5,214,728 7, Snap Inc. Class A 31,318,207 1, Analog Bevices Inc. Twilio Inc. Class A 3,951,984 1, 2,960,819 1, 3,961,472 1, 5,967,408 1, 2,960,819 1, 3,961,472 1, 5,967,408 1, 6,961,472 1, 5,961,496 1, 6,961,496 1, 7,961,496			2,223,000
Zoom Video Communications Inc. Class A 5,214,728 1,7 Snap Inc. Class A 31,318,207 1,2 Analog Devices Inc. 10,436,123 1,2 Twilio Inc. Class A 3,951,984 1,3 Roper Technologies Inc. 2,960,819 1,2 Cognizant Technology Solutions Corp. Class A 5,067,408 1,6 Workday Inc. Class A 5,067,408 1,2 Twitter Inc. 22,402,882 1,2 Teconnectivity Ltd. 9,348,114 1,1 KLA Corp. 4,358,619 1,1 Synopsys Inc. 4,288,496 1,1 Amphenol Corp. Class A 8,454,721 1,1 DocuSign Inc. Class A 8,454,721 1,1 Match Group Inc. 7,116,397 1,1 Cadence Design Systems Inc. 7,116,397 1,1 Cadence Design Systems Inc. 7,877,468 1,6 Crowdstrike Holdings Inc. Class A 4,937,525 1,1 Microchip Technology Inc. 7,315,737 1,6 Millinx Inc. 6,913,216 5 Pinterest Inc. Class A 1,4396,715 5 <	·		1,917,941
Snap Inc. Class A Analog Devices Inc. 10,436,123 1,18,207 1,18,18,207 1,2,18,208 1,3,18,207 1,2,18,208 1,3,18,207 1,2,18,208 1,3,18,207 1,3,18,208 1,3,18,207 1,3,18,208 1,3,18,208 1,3,18,208 1,3,18,208 1,3,18,208 1,3,18,208 1,3,18,208 1,3,18,208 1,3,18,208 1,3,18,208 1,3,18,208 1,3,18,208 1,3,18,208 1,3,18,208 1,3,18,208 1,3,18,208 1,3,18,208 1,3,18,208 1,18,20			1,889,019
Analog Devices Inc. Twillo Inc. Class A 3951.984 1,3 Roper Technologies Inc. Cognizant Technology Solutions Corp. Class A 15.081.472 1,2 Cognizant Technology Solutions Corp. Class A 5.081.472 1,2 Twitter Inc. Twitter Inc. Trititer Inc. Tritier Inc.			1,759,032
T Willo Inc. Class A 3,951,984 1.2 Roper Technologies Inc. 2,960,819 1.2 Cognizant Technology Solutions Corp. Class A 15,081,472 1.2 Workday Inc. Class A 5,067,408 1.2 TWITTER Inc. 22,402,882 1.2 TEC Connectivity Ltd. 9,348,114 1.1 KLA Corp. 4,388,619 1.1 Synopsys Inc. 4,288,496 1.1 Amplemol Corp. Class A 4,961,547 1.1 DocuSign Inc. Class A 4,961,547 1.1 March Group Inc. 7,116,397 1.0 Cadence Design Systems Inc. 7,877,468 1.4 Cadence Design Systems Inc. 7,877,468 1.4 Crowdstrike Holdings Inc. Class A 4,937,525 1.0 Microchip Technology Inc. 7,315,737 1.0 Xilinx Inc. 6,913,216 8 Pinterest Inc. Class A 14,396,715 9 Palo Alto Networks Inc. 2,559,266 8 Marvell Technology Group Ltd. 18,821,596 8			1,568,103
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KLA Corp. Synopsys Inc. Amphenol Corp. Class A Amphenol Corp. Class A Amphenol Corp. Class A Amphenol Corp. Class A B,454,721 1,1 DocuSign Inc. Class A Asteria Amphenol Corp. Class A Corning Inc. Corp. Corp. Class A Corp.			1,213,116 1,131,776
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Amphenol Corp. Class A 8,454,721 1,1 DocuSign Inc. Class A 4,961,547 1,1 Match Group Inc. 7,116,397 1,0 Cadence Design Systems Inc. 7,877,468 1,0 Crowdstrike Holdings Inc. Class A 4,937,525 1,0 Microchip Technology Inc. 7,315,737 1,1 Xilinx Inc. 6,913,216 5 HP Inc. 38,729,987 5 Pinterest Inc. Class A 14,396,715 5 Palo Alto Networks Inc. 2,559,256 5 Marvell Technology Group Ltd. 18,821,586 6 ANSYS Inc. 2,425,092 6 Okta Inc. 3,377,818 6 RingCentral Inc. Class A 2,119,558 6 Cornigal Inc. 4,515,144 7 Splunk Inc. 4,591,176 6 Coupa Software Inc.			1,111,750
DocuSign Inc. Class A			1,105,624
Match Group Inc. 7,116,397 1,0 Cadence Design Systems Inc. 7,877,468 1,0 Crowdstrike Holdings Inc. Class A 4,937,525 1,0 Microchip Technology Inc. 7,315,737 1,0 Xilinx Inc. 6,913,216 9 HP Inc. 38,729,987 9 Pinterest Inc. Class A 14,396,715 9 Palo Alto Networks Inc. 2,559,256 9 Marvell Technology Group Ltd. 18,821,586 8 ANSYS Inc. 2,425,092 8 Okta Inc. 3,377,818 8 RingCentral Inc. Class A 2,119,558 8 Corning Inc. 21,554,540 7 Splunk Inc. 4,692,191 7 Skyworks Solutions Inc. 4,692,191 7 Maxim Integrated Products Inc. 1,939,507 6 Coupa Software Inc. 1,939,507 6 Paycom Software Inc. 1,407,600 6 VeriSign Inc. 2,738,676 9 Fortinet Inc. 3,890,899 8 Teradyne Inc. 4,700,117 5			1,102,952
Cadence Design Systems Inc. 7,877,468 1,0 Crowdstrike Holdings Inc. Class A 4,937,525 1,0 Microchip Technology Inc. 7,315,737 1,0 Xilinx Inc. 6,913,216 9 HP Inc. 38,729,987 9 Pinterest Inc. Class A 14,396,715 9 Palo Alto Networks Inc. 2,559,256 9 Marvell Technology Group Ltd. 18,821,586 8 ANSYS Inc. 2,425,092 8 Okta Inc. 3,377,818 8 RingCentral Inc. Class A 2,119,558 8 Corning Inc. 21,554,540 7 Splunk Inc. 4,515,144 7 Skyworks Solutions Inc. 4,692,191 7 Maxim Integrated Products Inc. 7,541,761 6 Coupa Software Inc. 1,939,507 6 Paycom Software Inc. 2,738,676 5 Paycom Software Inc. 2,738,676 5 Fortinet Inc. 3,890,899 5 Teradyne Inc. 2,738,676 5 Slack Technologies Inc. Class A 1,498,377 5 <			1,075,928
Crowdstrike Holdings Inc. Class A 4,937,525 1,0 Microchip Technology Inc. 7,315,737 1,0 Xilinx Inc. 6,913,216 HP Inc. 38,729,987 5 Pinterest Inc. Class A 14,396,715 5 Palo Alto Networks Inc. 2,559,256 Marvell Technology Group Ltd. 18,821,586 8 Marvell Technology Group Ltd. 18,821,586 8 ANSYS Inc. 2,425,092 8 Okta Inc. 3,377,818 8 RingCentral Inc. Class A 2,119,558 8 Corning Inc. 21,554,540 7 Splunk Inc. 4,515,144 7 Splunk Inc. 4,515,144 7 Skyworks Solutions Inc. 4,592,191 7 Maxim Integrated Products Inc. 7,541,761 6 Coupa Software Inc. 1,939,507 6 VeriSign Inc. 2,738,676 5 Fortinet Inc. 3,890,899 5 Torrinet Inc. 3,203,006 5 EPAM Systems Inc. 4,700,117 5			1,074,723
Microchip Technology Inc. 7,315,737 1,0 Xilinx Inc. 6,913,216 9 HP Inc. 38,729,987 9 Pinterest Inc. Class A 14,396,715 9 Palo Alto Networks Inc. 2,559,256 9 Marvell Technology Group Ltd. 18,821,586 8 ANSYS Inc. 2,425,092 8 Okta Inc. 3,377,818 8 RingCentral Inc. Class A 21,19,558 8 Corning Inc. 21,554,540 7 Splunk Inc. 4,515,144 7 Sylworks Solutions Inc. 4,692,191 7 Maxim Integrated Products Inc. 1,939,507 6 Coupa Software Inc. 1,407,600 6 Paycom Software Inc. 1,407,600 6 VeriSign Inc. 2,738,676 9 Fortinet Inc. 3,890,899 9 Teradyne Inc. 4,700,117 9 Slack Technologies Inc. Class A 12,929,697 9 Qorvo Inc. 3,230,306 9 EPAM Systems Inc. 1,492,441 9 CDW Corp.			1,045,867
Xilinx Inc.			1,010,376
HP Inc. 38,729,987 52 Pinterest Inc. Class A 14,396,715 52 Palo Alto Networks Inc. 2,559,256 53 Palo Alto Networks Inc. 18,821,586 58 ANSYS Inc. 2,425,092 58 Okta Inc. 3,377,818 58 RingCentral Inc. Class A 2,119,558 58 Rogentral Inc. Class A 2,119,558 58 Corning Inc. 21,554,540 77 Splunk Inc. 4,515,144 77 Syworks Solutions Inc. 4,692,191 77 Maxim Integrated Products Inc. 7,541,761 69 Coupa Software Inc. 1,939,507 69 Paycom Software Inc. 1,407,600 60 VeriSign Inc. 2,738,676 59 Fortinet Inc. 3,890,899 59 Fortinet Inc. 3,890,899 59 Fortinet Inc. 3,230,306 59 Slack Technologies Inc. Class A 12,229,697 59 Corvo Inc. 3,230,306 50 EPAM Systems Inc. 1,492,441 50 CDW Corp. 4,040,340 50 Dell Technologies Inc. Class C 6,939,744 50 Tiple Technologies Inc. Class C 6,939,744 50 Tiple Technologies Inc. Class A 4,984,137 40 Datadog Inc. Cla			980,087
** Pinterest Inc. Class A 14,396,715 8 ** Palo Alto Networks Inc. 2,559,256 8 Marvell Technology Group Ltd. 18,821,586 8 * ANSYS Inc. 2,425,092 8 * Okta Inc. 3,377,818 8 * RingCentral Inc. Class A 2,119,558 8 Corning Inc. 21,554,540 7 * Splunk Inc. 4,515,144 7 * Skyworks Solutions Inc. 4,692,191 7 Maxim Integrated Products Inc. 7,541,761 6 * Coupa Software Inc. 1,939,507 6 * VeriSign Inc. 2,738,676 5 * Fortinet Inc. 3,890,899 5 * Fortinet Inc. 3,890,899 5 * Teradyne Inc. 4,700,117 5 * Slack Technologies Inc. Class A 12,929,697 5 * Qorvo Inc. 3,230,306 5 * EPAM Systems Inc. 1,498,377 5 * MongoDB Inc. 1,492,441 5 * Obyl Corp. 4,040,340 5			952,370
Marvell Technology Group Ltd. 18,821,586 8 ANSYS Inc. 2,425,092 8 Okta Inc. 3,377,818 8 RingCentral Inc. Class A 2,119,558 8 Corning Inc. 21,554,540 7 Splunk Inc. 4,515,144 7 Skyworks Solutions Inc. 4,692,191 7 Maxim Integrated Products Inc. 1,939,507 6 Coupa Software Inc. 1,497,600 6 Paycom Software Inc. 1,407,600 6 VeriSign Inc. 2,738,676 5 Fortinet Inc. 3,890,899 5 Teradyne Inc. 4,700,1117 5 Slack Technologies Inc. Class A 12,929,697 5 Qorvo Inc. 3,230,306 5 EPAM Systems Inc. 1,498,377 5 MongoDB Inc. 1,492,441 5 CDW Corp. 4,040,340 5 Dell Technologies Inc. Class C 6,939,744 5 Tyler Technologies Inc. Class A 4,984,137 4	Pinterest Inc. Class A		948,744
* ANSYS Inc. 2,425,092 8 Okta Inc. 3,377,818 8 RingCentral Inc. Class A 2,119,558 8 Corning Inc. 21,554,540 7 Splunk Inc. 4,515,144 7 Skyworks Solutions Inc. 4,692,191 7 Maxim Integrated Products Inc. 7,541,761 6 Coupa Software Inc. 1,939,507 6 Paycom Software Inc. 1,407,600 6 VeriSign Inc. 2,738,676 5 Fortinet Inc. 3,890,899 5 Fortinet Inc. 3,890,899 5 Couval Software Inc. 1,407,117 5 Slack Technologies Inc. Class A 12,929,697 5 MongoDB Inc. 1,498,377 5 MongoDB Inc. 1,498,377 5 Dell Technologies Inc. Class C 1,136,936 4 Tyler Technologies Inc. Class A 4,984,137 4 Datadog Inc. Class A 4,984,137 4 Data	Palo Alto Networks Inc.	2,559,256	909,534
* ANSYS Inc. 2,425,092 8 Okta Inc. 3,377,818 8 RingCentral Inc. Class A 2,119,558 8 Corning Inc. 21,554,540 7 Splunk Inc. 4,515,144 7 Skyworks Solutions Inc. 4,692,191 7 Maxim Integrated Products Inc. 7,541,761 6 * Coupa Software Inc. 1,939,507 6 * Paycom Software Inc. 1,407,600 6 * VeriSign Inc. 2,738,676 5 * Fortinet Inc. 3,890,899 5 * Fortinet Inc. 4,700,117 5 * Slack Technologies Inc. Class A 12,929,697 5 * Qorvo Inc. 3,230,306 5 * EPAM Systems Inc. 1,498,377 5 MongoDB Inc. 1,492,441 5 CDW Corp. 4,040,340 5 Dell Technologies Inc. Class C 6,939,744 5 * Tyler Technologies Inc. 1,136,936 4 * Datadog Inc. Class A 4,984,137 4	Marvell Technology Group Ltd.	18,821,586	894,778
RingCentral Inc. Class A 2,119,558 8 Corning Inc. 21,554,540 7 Splunk Inc. 4,515,144 7 Skyworks Solutions Inc. 4,692,191 7 Maxim Integrated Products Inc. 7,541,761 6 Coupa Software Inc. 1,939,507 6 Paycom Software Inc. 1,407,600 6 VeriSign Inc. 2,738,676 5 Fortinet Inc. 3,890,899 5 Teradyne Inc. 4,700,117 5 Slack Technologies Inc. Class A 12,929,697 5 Qorvo Inc. 3,230,306 5 EPAM Systems Inc. 1,498,377 5 MongoDB Inc. 1,492,441 5 CDW Corp. 4,040,340 5 Dell Technologies Inc. Class C 6,939,744 5 Tyler Technologies Inc. Class A 4,984,137 4	ANSYS Inc.		882,248
Corning Inc. 21,554,540 7 * Splunk Inc. 4,515,144 7 Skyworks Solutions Inc. 4,692,191 7 Maxim Integrated Products Inc. 7,541,761 6 * Coupa Software Inc. 1,939,507 6 * Paycom Software Inc. 1,407,600 6 * VeriSign Inc. 2,738,676 5 * Fortinet Inc. 3,890,899 5 * Teradyne Inc. 4,700,117 5 * Slack Technologies Inc. Class A 12,929,697 5 * Qorvo Inc. 3,230,306 5 * EPAM Systems Inc. 1,498,377 5 * MongoDB Inc. 1,492,441 5 CDW Corp. 4,040,340 5 * Dell Technologies Inc. Class C 6,939,744 5 * Tyler Technologies Inc. 1,136,936 4 * Datadog Inc. Class A 4,984,137 4	Okta Inc.	3,377,818	858,844
* Splunk Inc. 4,515,144 7 Skyworks Solutions Inc. 4,692,191 7 Maxim Integrated Products Inc. 7,541,761 6 * Coupa Software Inc. 1,939,507 6 * Paycom Software Inc. 1,407,600 6 * VeriSign Inc. 2,738,676 5 * Fortinet Inc. 3,890,899 5 Teradyne Inc. 4,700,117 5 * Slack Technologies Inc. Class A 12,929,697 5 * Qorvo Inc. 3,230,306 5 * EPAM Systems Inc. 1,492,441 5 * MongoDB Inc. 1,492,441 5 * CDW Corp. 4,040,340 5 * Dell Technologies Inc. Class C 6,939,744 5 * Tyler Technologies Inc. 1,136,936 4 * Datadog Inc. Class A 4,984,137 4	RingCentral Inc. Class A	2,119,558	803,249
Skyworks Solutions Inc. 4,692,191 7 Maxim Integrated Products Inc. 7,541,761 6 * Coupa Software Inc. 1,939,507 6 * Paycom Software Inc. 1,407,600 6 * VeriSign Inc. 2,738,676 5 * Fortinet Inc. 3,890,899 5 Teradyne Inc. 4,700,117 5 * Slack Technologies Inc. Class A 12,929,697 5 * Qorvo Inc. 3,230,306 5 * EPAM Systems Inc. 1,498,377 5 * MongoDB Inc. 1,492,441 5 CDW Corp. 4,040,340 5 * Dell Technologies Inc. Class C 6,939,744 5 * Tyler Technologies Inc. 1,136,936 4 * Datadog Inc. Class A 4,984,137 4	Corning Inc.	21,554,540	775,963
Maxim Integrated Products Inc. 7,541,761 6 * Coupa Software Inc. 1,939,507 6 * Paycom Software Inc. 1,407,600 6 * VeriSign Inc. 2,738,676 5 * Fortinet Inc. 3,890,899 5 Teradyne Inc. 4,700,117 5 * Slack Technologies Inc. Class A 12,929,697 5 * Qorvo Inc. 3,230,306 5 * EPAM Systems Inc. 1,498,377 5 * MongoDB Inc. 1,492,441 5 CDW Corp. 4,040,340 5 * Dell Technologies Inc. Class C 6,939,744 5 * Tyler Technologies Inc. 1,136,936 4 * Datadog Inc. Class A 4,984,137 4	Splunk Inc.	4,515,144	767,078
** Coupa Software Inc. 1,939,507 6 ** Paycom Software Inc. 1,407,600 6 * VeriSign Inc. 2,738,676 5 * Fortinet Inc. 3,890,899 5 Teradyne Inc. 4,700,117 5 * Slack Technologies Inc. Class A 12,929,697 5 * Qorvo Inc. 3,230,306 5 * EPAM Systems Inc. 1,498,377 5 * MongoDB Inc. 1,492,441 5 CDW Corp. 4,040,340 5 * Dell Technologies Inc. Class C 6,939,744 5 * Tyler Technologies Inc. 1,136,936 4 * Datadog Inc. Class A 4,984,137 4	•	4,692,191	717,342
* Paycom Software Inc. 1,407,600 6 * VeriSign Inc. 2,738,676 5 * Fortinet Inc. 3,890,899 5 Teradyne Inc. 4,700,117 5 * Slack Technologies Inc. Class A 12,929,697 5 * Qorvo Inc. 3,230,306 5 * EPAM Systems Inc. 1,498,377 5 * MongoDB Inc. 1,492,441 5 CDW Corp. 4,040,340 5 * Dell Technologies Inc. Class C 6,939,744 5 * Tyler Technologies Inc. 1,136,936 4 * Datadog Inc. Class A 4,984,137 4			668,577
* VeriSign Inc. 2,738,676 5 * Fortinet Inc. 3,890,899 5 Teradyne Inc. 4,700,117 5 * Slack Technologies Inc. Class A 12,929,697 5 * Qorvo Inc. 3,230,306 5 * EPAM Systems Inc. 1,498,377 5 * MongoDB Inc. 1,492,441 5 CDW Corp. 4,040,340 5 * Dell Technologies Inc. Class C 6,939,744 5 * Tyler Technologies Inc. 1,136,936 4 * Datadog Inc. Class A 4,984,137 4			657,318
* Fortinet Inc. 3,890,899 Teradyne Inc. 4,700,117 * Slack Technologies Inc. Class A 12,929,697 * Qorvo Inc. 3,230,306 * EPAM Systems Inc. 1,498,377 * MongoDB Inc. Class C 1,492,441 * Dell Technologies Inc. Class C 6,939,744 * Tyler Technologies Inc. Class A 4,984,137			636,587
Teradyne Inc. 4,700,117 5 * Slack Technologies Inc. Class A 12,929,697 5 * Qorvo Inc. 3,230,306 5 * EPAM Systems Inc. 1,498,377 5 * MongoDB Inc. 1,492,441 5 CDW Corp. 4,040,340 5 * Dell Technologies Inc. Class C 6,939,744 5 * Tyler Technologies Inc. 1,136,936 4 * Datadog Inc. Class A 4,984,137 4			592,650
** Slack Technologies Inc. Class A 12,929,697 5 ** Qorvo Inc. 3,230,306 5 ** EPAM Systems Inc. 1,498,377 5 ** MongoDB Inc. 1,492,441 5 CDW Corp. 4,040,340 5 ** Dell Technologies Inc. Class C 6,939,744 5 ** Tyler Technologies Inc. 1,136,936 4 ** Datadog Inc. Class A 4,984,137 4			577,915
** Qorvo Inc. 3,230,306 5 ** EPAM Systems Inc. 1,498,377 5 ** MongoDB Inc. 1,492,441 5 CDW Corp. 4,040,340 5 * Dell Technologies Inc. Class C 6,939,744 5 * Tyler Technologies Inc. 1,136,936 4 * Datadog Inc. Class A 4,984,137 4			563,497
** EPAM Systems Inc. 1,498,377 5 ** MongoDB Inc. 1,492,441 5 CDW Corp. 4,040,340 5 * Dell Technologies Inc. Class C 6,939,744 5 * Tyler Technologies Inc. 1,136,936 4 * Datadog Inc. Class A 4,984,137 4			546,150
* MongoDB Inc. 1,492,441 5 CDW Corp. 4,040,340 5 * Dell Technologies Inc. Class C 6,939,744 5 * Tyler Technologies Inc. 1,136,936 4 * Datadog Inc. Class A 4,984,137 4			537,103
CDW Corp. 4,040,340 5 Dell Technologies Inc. Class C 6,939,744 5 Tyler Technologies Inc. 1,136,936 4 Datadog Inc. Class A 4,984,137 4			536,943
Dell Technologies Inc. Class C 6,939,744 5 Tyler Technologies Inc. 1,136,936 4 Datadog Inc. Class A 4,984,137 4			535,846
Tyler Technologies Inc. 1,136,936 4 Datadog Inc. Class A 4,984,137 4			532,476
Datadog Inc. Class A 4,984,137			508,614
			496,295
* HubSpot Inc. 1 224 677 /			490,638
			485,511
			483,276 467,747
			467,747 451,996
·			451,996 450,057

			Market Value
		Shares	(\$000)
	Western Digital Corp.	8,110,963	449,266
	Monolithic Power Systems Inc.	1,206,278	441,775
*	Arista Networks Inc.	1,494,496	434,256
	Hewlett Packard Enterprise Co.	36,396,866	431,303
*	Cloudflare Inc. Class A	5,603,059	425,776
	Leidos Holdings Inc.	4,025,419	423,152
*	Zscaler Inc.	2,079,704	415,338
	NetApp Inc.	6,267,180	415,138
*	IAC/InterActiveCorp	2,138,453	404,916
*	Ceridian HCM Holding Inc.	3,753,218	399,943
*	GoDaddy Inc. Class A	4,724,174	391,870
*	Gartner Inc.	2,399,778	384,420
	Seagate Technology plc	6,177,877	384,017
~	ON Semiconductor Corp.	11,636,638	380,867
*	Black Knight Inc.	4,219,828	372,822
	Avalara Inc.	2,260,314	372,703
*	Entegris Inc.	3,806,555	365,810
*	PTC Inc.	2,957,331	353,726
	Nuance Communications Inc.	7,997,502	352,610
*	NortonLifeLock Inc. Cree Inc.	15,901,416 3,109,246	330,431 329,269
*	Five9 Inc.	1,844,492	329,209
*,1	VMware Inc. Class A	2,239,991	314,181
*	F5 Networks Inc.	1,731,923	304,715
*	Guidewire Software Inc.	2,353,981	303,028
	Universal Display Corp.	1,198,645	275,449
*	Anaplan Inc.	3,550,122	255,076
*	Elastic NV	1,708,195	249,619
*	Aspen Technology Inc.	1,914,746	249,396
*	Inphi Corp.	1,469,715	235,845
*,1	Fastly Inc. Class A	2,596,863	226,888
*	Dynatrace Inc.	5,175,322	223,936
*	Smartsheet Inc. Class A	3,219,997	223,114
*	Proofpoint Inc.	1,633,554	222,833
*	II-VI Inc.	2,929,283	222,508
*	IPG Photonics Corp.	977,416	218,736
*,1	Snowflake Inc. Class A	742,936	209,062
*	Arrow Electronics Inc.	2,133,232	207,563
*	Grubhub Inc.	2,615,044	194,219
*	Blackline Inc.	1,447,960	193,129
~	Manhattan Associates Inc.	1,792,089	188,492
*	Dropbox Inc. Class A	8,492,737	188,454
*	DXC Technology Co.	7,242,732	186,500
	Alteryx Inc. Class A	1,521,546	185,309
*	CDK Global Inc. CACI International Inc. Class A	3,448,714	178,747
*	Q2 Holdings Inc.	708,256 1,388,740	176,589 175,717
*	Nutanix Inc. Class A	5,473,647	175,717
*	Lattice Semiconductor Corp.	3,800,644	174,445
*,1	Appian Corp. Class A	1,065,960	174,140
,	Jabil Inc.	3,856,359	164,011
*	Silicon Laboratories Inc.	1,234,010	157,139
	Science Applications International Corp.	1,643,152	155,508
*	Pure Storage Inc. Class A	6,762,996	152,911
	Pegasystems Inc.	1,129,930	150,574
*,1	Palantir Technologies Inc. Class A	6,249,528	147,176
	National Instruments Corp.	3,346,903	147,063
*	Everbridge Inc.	976,451	145,560
	Brooks Automation Inc.	2,077,410	140,952
*	FireEye Inc.	6,078,402	140,168
*	Varonis Systems Inc.	848,918	138,892

NCR Corp. 2,014.678 158.811 158.811 158.811 158.811 158.811 158.811 158.811 158.811 158.811 158.811 158.811 158.811 158.811 158.811 158.811 158.812				Market
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Sembech Corp.	*	NCR Corp.	3,614,878	135,811
Salpoint Technologies Holdings Inc. 1,244,742 130,105 Power Integrations Inc. 1,577,167 129,109 Alarm.com Holdings Inc. 1,241,556 128,436 Bagd Zinc. 1,378,147 124,254 CMC Marterials Inc. 816,799 123,258 Vertiv Holdings Co. Class A 6,151,187 121,258 Vertiv Holdings Co. Class A 1,615,187 121,388 J. Ciochaller. 1,238,660 120,708 Ensustriat Inc. 1,442,580 118,743 Door Class Inc. Class A 811,048 118,743 Door Class Inc. Class A 811,048 116,741 Door Class Inc. Class A 811,048 116,743 Vertir Systems Inc. 937,220 110,788 Vertir Systems Inc. 1,164,542 105,860 SPS Commerce Inc. 1,164,542 105,860 Vertir Systems Inc. 1,164,542 <td< td=""><td>*</td><td>Cirrus Logic Inc.</td><td>1,646,133</td><td>135,312</td></td<>	*	Cirrus Logic Inc.	1,646,133	135,312
LiveRamp Holiging Inc.	*		1,833,678	132,190
Power Integrations Inc. 1,1577,187 129,109 121,1526 128,436 138,007 10. 1,378,147 124,254 124,254 124,007 1378,147 124,254 124,007 124,0	*		2,443,742	
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*** Cornerstone OnDemand Inc. 1,718,252 75,672 ** Insight Enterprises Inc. 982,692 74,773 ** Box Inc. Class A 4,140,453 74,735 ** Dun & Bradstreet Holdings Inc. 2,987,979 74,401 ** MACOM Technology Solutions Holdings Inc. 1,306,078 71,887 ** MaxLinear Inc. 1,846,420 70,515 ** Altair Engineering Inc. Class A 1,193,180 69,419 ** CommVault Systems Inc. 1,226,196 67,894 ** Teradata Corp. 2,918,985 65,590 Xperi Holding Corp. 3,065,750 64,074 ** Yelp Inc. Class A 1,957,421 63,949 * Plexus Corp. 808,356 63,222		Vishay Intertechnology Inc.	3,695,085	
Insight Enterprises Inc. 982,692 74,773 Box Inc. Class A 4,140,453 74,735 Dun & Bradstreet Holdings Inc. 2,987,979 74,401 MACOM Technology Solutions Holdings Inc. 1,306,078 71,887 MaxLinear Inc. 1,846,420 70,515 Altair Engineering Inc. Class A 1,193,180 69,419 CommVault Systems Inc. 1,226,196 67,894 Teradata Corp. 2,918,985 65,590 Xperi Holding Corp. 3,065,750 64,074 Yelp Inc. Class A 1,957,421 63,949 Plexus Corp. 808,356 63,222	*,1	Medallia Inc.	2,280,406	75,755
Box Inc. Class A 4,140,453 74,735 Dun & Bradstreet Holdings Inc. 2,987,979 74,401 MACOM Technology Solutions Holdings Inc. 1,306,078 71,887 MaxLinear Inc. 1,846,420 70,515 Altair Engineering Inc. Class A 1,193,180 69,419 CommVault Systems Inc. 1,226,196 67,894 Teradata Corp. 2,918,985 65,590 Xperi Holding Corp. 3,065,750 64,074 Yelp Inc. Class A 1,957,421 63,949 Plexus Corp. 808,356 63,222	*	Cornerstone OnDemand Inc.	1,718,252	75,672
** Dun & Bradstreet Holdings Inc. 2,987,979 74,401 ** MACOM Technology Solutions Holdings Inc. 1,306,078 71,887 ** MaxLinear Inc. 1,846,420 70,515 ** Altair Engineering Inc. Class A 1,193,180 69,419 ** CommVault Systems Inc. 1,226,196 67,894 ** Teradata Corp. 2,918,985 65,590 Xperi Holding Corp. 3,065,750 64,074 ** Yelp Inc. Class A 1,957,421 63,949 * Plexus Corp. 808,356 63,222	*	Insight Enterprises Inc.		74,773
** MACOM Technology Solutions Holdings Inc. 1,306,078 71,887 ** MaxLinear Inc. 1,846,420 70,515 ** Altair Engineering Inc. Class A 1,193,180 69,419 ** CommVault Systems Inc. 1,226,196 67,894 ** Teradata Corp. 2,918,985 65,590 Xperi Holding Corp. 3,065,750 64,074 ** Yelp Inc. Class A 1,957,421 63,949 * Plexus Corp. 808,356 63,222	*	Box Inc. Class A	4,140,453	74,735
** MaxLinear Inc. 1,846,420 70,515 ** Altair Engineering Inc. Class A 1,193,180 69,419 ** CommVault Systems Inc. 1,226,196 67,894 ** Teradata Corp. 2,918,985 65,590 Xperi Holding Corp. 3,065,750 64,074 ** Yelp Inc. Class A 1,957,421 63,949 * Plexus Corp. 808,356 63,222	*	Dun & Bradstreet Holdings Inc.	2,987,979	74,401
** Altair Engineering Inc. Class A 1,193,180 69,419 ** CommVault Systems Inc. 1,226,196 67,894 ** Teradata Corp. 2,918,985 65,590 Xperi Holding Corp. 3,065,750 64,074 * Yelp Inc. Class A 1,957,421 63,949 * Plexus Corp. 808,356 63,222	*	MACOM Technology Solutions Holdings Inc.	1,306,078	
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* Plexus Corp. 808,356 63,222				
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* Allscripts Healthcare Solutions Inc. 4,368,823 63,086	*			
	*	Allscripts Healthcare Solutions Inc.	4,368,823	63,086

		Market Value
	Shares	(\$000)
Bottomline Technologies DE Inc.	1,168,062	61,604
Onto Innovation Inc.	1,288,476	61,267
PagerDuty Inc.	1,455,330	60,687
Bandwidth Inc. Class A	380,024	58,398
Sanmina Corp.	1,786,384	56,968
Progress Software Corp.	1,245,567	56,287
PROS Holdings Inc.	1,108,190	56,263
Rambus Inc.	3,134,645	54,731
C3.ai Inc. Class A	392,148	54,411
NetScout Systems Inc.	1,937,962	53,139
Yext Inc.	2,855,171	44,883
NIC Inc. Perficient Inc.	1,736,692 928,761	44,859 44,255
Domo Inc. Class B	690,855	44,255
Avaya Holdings Corp.	2,258,693	43,254
Shutterstock Inc.	2,258,093 598,387	42,904
Calix Inc.	1,437,199	42,771
Cohu Inc.	1,102,045	42,076
Virtusa Corp.	816,968	41,772
TechTarget Inc.	704,873	41,665
Switch Inc. Class A	2,510,922	41,104
Methode Electronics Inc.	1,033,257	39,553
TTM Technologies Inc.	2,825,644	38,980
Super Micro Computer Inc.	1,224,432	38,766
CSG Systems International Inc.	845,879	38,124
Vroom Inc.	925,530	37,919
Zuora Inc. Class A	2,708,514	37,730
PAR Technology Corp.	581,876	36,536
Amkor Technology Inc.	2,336,274	35,231
Eventbrite Inc. Class A	1,862,475	33,711
3D Systems Corp.	3,201,608	33,553
Unisys Corp.	1,692,262	33,304
Ultra Clean Holdings Inc.	1,056,370	32,906
ePlus Inc.	371,584	32,681
nLight Inc.	987,993	32,258
Upland Software Inc.	672,346	30,854
Pitney Bowes Inc.	4,950,829	30,497
Model N Inc.	828,752	29,570
Simulations Plus Inc. Ping Identity Holding Corp.	409,716 1,028,679	29,467 29,461
CTS Corp.	840,180	29,461
BigCommerce Holdings Inc.	449,417	28,830
Benchmark Electronics Inc.	1,041,537	28,132
Ebix Inc.	732,410	27,810
nCino Inc.	376,771	27,282
SiTime Corp.	238,160	26,657
CEVA Inc.	581,701	26,467
Groupon Inc. Class A	684,734	26,016
Duck Creek Technologies Inc.	584,213	25,296
SolarWinds Corp.	1,681,433	25,137
Axcelis Technologies Inc.	860,737	25,065
Asana Inc. Class A	840,114	24,825
ACM Research Inc. Class A	298,049	24,217
Jamf Holding Corp.	802,079	23,998
JFrog Ltd.	377,144	23,696
Ichor Holdings Ltd.	767,627	23,140
Veeco Instruments Inc.	1,301,708	22,598
Diebold Nixdorf Inc.	2,100,533	22,392
Sprout Social Inc. Class A	490,378	22,268
·		
MicroVision Inc. Agilysys Inc.	4,134,096 574,541	22,241 22,051

			Market Value
		Shares	(\$000)
*	Brightcove Inc.	1,169,341	21,516
*	Blucora Inc.	1,342,879	21,365
*	Vertex Inc. Class A	611,530	21,312
*	Allegro MicroSystems Inc.	778,567	20,757
*	Tucows Inc. Class A	274,215	20,262
*	PDF Solutions Inc.	931,347	20,117
	QAD Inc. Class A	316,274	19,982
*	Veritone Inc.	694,171	19,749
	OneSpan Inc.	953,744	19,723
*	ScanSource Inc.	744,681	19,645
*	Mitek Systems Inc.	1,094,158	19,454
*,1	Photronics Inc.	1,741,760	19,438
*,1	Digimarc Corp. Impinj Inc.	409,402 458,877	19,340 19,213
*	Datto Holding Corp.	667,642	18,026
*	Arlo Technologies Inc.	2,215,758	17,261
*	Endurance International Group Holdings Inc.	1,798,387	16,995
*,1	Cleanspark Inc.	577,643	16,781
*	Avid Technology Inc.	1,010,208	16,032
*,1	Rackspace Technology Inc.	823,919	15,704
	McAfee Corp. Class A	934,729	15,601
	American Software Inc. Class A	886,112	15,215
*	EverQuote Inc. Class A	398,412	14,881
*	PC Connection Inc.	306,096	14,475
*	A10 Networks Inc.	1,391,567	13,721
*	Forrester Research Inc.	324,722	13,606
*	SMART Global Holdings Inc.	357,400	13,449
*	Zix Corp.	1,553,917	13,410
*	Alpha & Omega Semiconductor Ltd.	561,601	13,276
*	Limelight Networks Inc.	3,314,211	13,224
*	Grid Dynamics Holdings Inc.	1,045,337	13,171
*	Benefitfocus Inc.	864,832	12,523
*,1	Sumo Logic Inc.	419,803	11,998
*	ChannelAdvisor Corp.	743,706	11,884
*	NeoPhotonics Corp. Kimball Electronics Inc.	1,252,791	11,388
*	TrueCar Inc.	707,513 2,656,116	11,313 11,156
*	AXT Inc.	1,136,225	10,874
*	DSP Group Inc.	650,307	10,874
*	MediaAlpha Inc. Class A	263,026	10,789
1	VirnetX Holding Corp.	1,998,196	10,071
*	Rimini Street Inc.	2,114,460	9,367
	NVE Corp.	164.555	9,245
	Hackett Group Inc.	627,896	9,035
*,1	Intelligent Systems Corp.	224,339	8,998
	Computer Programs & Systems Inc.	319,040	8,563
*	Sciplay Corp. Class A	608,148	8,423
*	Iteris Inc.	1,487,436	8,404
*	Immersion Corp.	738,973	8,343
*	GTY Technology Holdings Inc.	1,591,971	8,246
*,1	Atomera Inc.	476,151	7,661
*	Intevac Inc.	981,720	7,078
*	eGain Corp.	596,002	7,039
*,1	Waitr Holdings Inc.	2,454,700	6,824
*	Quantum Corp.	998,616	6,112
*	SharpSpring Inc.	362,676	5,904
*	Kopin Corp.	2,405,553	5,846
*	EMCORE Corp.	1,045,619	5,699
*	Intellicheck Inc.	493,675	5,630
	Synchronoss Technologies Inc.	1,188,624	5,587
	Daktronics Inc.	1,181,767	5,531

			Market Value
		Shares	(\$000)
*	CyberOptics Corp.	225,287	5,112
*	Telenav Inc.	1,083,205	5,091
*	Identiv Inc.	583,834	4,963
*	Smith Micro Software Inc.	888,241	4,814
*,1	Asure Software Inc.	655,117	4,651
*,1	Remark Holdings Inc.	2,411,178	4,581
*,1	Red Violet Inc.	175,420	4,580
*	Pixelworks Inc.	1,580,036	4,456
*,1	AudioEye Inc.	170,390	4,401
*,1	Mohawk Group Holdings Inc.	251,864	4,335
*	comScore Inc.	1,737,521	4,326
*	IEC Electronics Corp.	308,196	4,176
*	GSI Technology Inc.	557,494	4,125
*	Intrusion Inc.	226,917	3,998
-	Innodata Inc.	742,072	3,933
_	WidePoint Corp.	382,431	3,866
*	Computer Task Group Inc.	626,143	3,832
*	Qumu Corp.	471,658	3,769
*	Amtech Systems Inc.	580,055	3,701
*,1	PCTEL Inc.	545,789	3,586
, '	Unity Software Inc.	23,332	3,581
*,1	QAD Inc. Class B eMagin Corp.	65,117 1,904,150	3,158 3,142
, '	AstroNova Inc.	278,254	2,963
*	SecureWorks Corp. Class A	196,735	2,903
*	Mastech Digital Inc.	169.934	2,798
*	Issuer Direct Corp.	152,104	2,702
*	Park City Group Inc.	532,857	2,552
*,1	XpresSpa Group Inc.	1,969,600	2,344
*,1	Research Frontiers Inc.	820,389	2,305
*	Synacor Inc.	1,661,294	2,259
*	Everspin Technologies Inc.	486,438	2,238
*	Beyond Air Inc.	355,840	1,875
*	Aehr Test Systems	680,666	1,722
*	Key Tronic Corp.	243,876	1,683
*,1	Net Element Inc.	117,351	1,637
*	TransAct Technologies Inc.	229,335	1,628
*	Zedge Inc. Class B	268,160	1,620
*	Support.com Inc.	719,627	1,583
	ARC Document Solutions Inc.	1,009,239	1,494
	Richardson Electronics Ltd.	298,391	1,405
*,1	Boxlight Corp. Class A	917,361	1,404
*	inTEST Corp.	208,654	1,354
*	Kubient Inc.	236,300	1,319
*	NetSol Technologies Inc.	324,689	1,234
*	Verb Technology Co. Inc.	693,689	1,145
	CSP Inc.	129,730	1,003
*,1	Inuvo Inc.	2,177,936	986
*	RealNetworks Inc.	585,135	913
	Bentley Systems Inc. Class B	22,376	906
*	PubMatic Inc. Class A	30,256	846
*,1	Rubicon Technology Inc.	86,789	785
*	One Stop Systems Inc.	190,266	761
*	Data I/O Corp.	180,694	744
*	GSE Systems Inc.	541,861	715
*	QuickLogic Corp.	188,636	715
* 1	CVD Equipment Corp.	165,351	600
*,1 *,1	Cinedigm Corp. Class A	786,863	507
^, I *,1	Super League Gaming Inc. Phunware Inc.	158,855	450
*,1		352,731 134,999	444
, '	Akerna Corp.	134,888	437

			Market
		Shares	Value (\$000)
*,1	Exela Technologies Inc.	849,214	353
*,1	American Virtual Cloud Technologies Inc.	42,436	306
*	Aware Inc.	78,895	276
*,1	AutoWeb Inc.	111,035	274
*	BSQUARE Corp.	180,438	274
*	Streamline Health Solutions Inc.	171,772	268
*	CynergisTek Inc.	158,445	230
*	RCM Technologies Inc.	107,460	222
*	Creative Realities Inc.	66,218	85
*	Trio-Tech International	15,180	60
*	Evolving Systems Inc.	27,962	55
. .	(0.000()		282,169,879
reie	communications (3.33%) Verizon Communications Inc.	116 642 057	6 0E2 700
		116,643,057	6,852,780
	Comcast Corp. Class A	128,700,934	6,743,929
	AT&T Inc.	200,815,347	5,775,449
	Cisco Systems Inc.	107,188,852	4,796,701
*	Charter Communications Inc. Class A	3,944,115	2,609,229
*	T-Mobile US Inc.	15,758,429	2,125,024
	L3Harris Technologies Inc.	5,921,513	1,119,284
*	Roku Inc.	3,070,621	1,019,508
	Motorola Solutions Inc.	4,783,608	813,500
*	Liberty Broadband Corp. Class C	4,930,192	780,795
	Cable One Inc.	153,121	341,111
	CenturyLink Inc.	31,070,409	302,937
*	Altice USA Inc. Class A	7,482,638	283,368
*	Ciena Corp.	4,356,005	230,215
*	DISH Network Corp. Class A	6,891,819	222,881
	Juniper Networks Inc.	9,368,490	210,885
*	Lumentum Holdings Inc.	2,106,602	199,706
*	Iridium Communications Inc.	3,324,046	130,718
*	8x8 Inc.	2,881,707	99,332
*	Viavi Solutions Inc.	6,352,529	95,129
*	Vonage Holdings Corp.	6,547,675	84,301
*	Acacia Communications Inc.	1,090,352	79,552
*	CommScope Holding Co. Inc.	5,588,055	74,880
	Cogent Communications Holdings Inc.	1,200,869	71,896
	Shenandoah Telecommunications Co.	1,333,239	57,663
*	ViaSat Inc.	1,758,974	57,431
	InterDigital Inc.	843,722	51,197
	Telephone & Data Systems Inc.	2,699,939	50.138
	Ubiquiti Inc.	172,945	48,167
*	Infinera Corp.	4,545,267	47,634
*	Liberty Broadband Corp. Class A	300,875	47,412
*,1	fuboTV Inc.	1,524,601	42,689
*	Vocera Communications Inc.	844,500	35,072
*,1	Inseego Corp.	2,230,465	34,505
*,1	NETGEAR Inc.	780,100	31,695
	Plantronics Inc.	1,026,859	27,756
*	EchoStar Corp. Class A	1,306,618	27,687
*	Extreme Networks Inc.	3,343,192	23,035
*	Cincinnati Bell Inc.	1,369,711	20,929
	ADTRAN Inc.	1,400,317	20,683
*	Harmonic Inc.	2,724,490	20,083
*,1	Radius Global Infrastructure Inc.		19,689
*	ORBCOMM Inc.	1,532,200	
*		2,278,995 1,511,932	16,910 16,121
*	WideOpenWest Inc.	1,511,832	16,131
*	Digi International Inc.	792,847	14,985
*	Boingo Wireless Inc.	1,156,560	14,711
-	United States Cellular Corp.	448,615	13,768

			Market Value
		Shares	(\$000)
	Comtech Telecommunications Corp.	628,835	13,011
	ATN International Inc.	297,715	12,433
*	Anterix Inc.	321,550	12,090
*	Ribbon Communications Inc.	1,645,351	10,794
*,1	Gogo Inc.	1,109,424	10,684
*	CalAmp Corp.	1,074,172	10,656
*	Consolidated Communications Holdings Inc.	2,003,971	9,799
*	IDT Corp. Class B	758,048	9,369
*	Clearfield Inc.	372,730	9,214
	Ooma Inc.	634,860	9,142
*	Loral Space & Communications Inc. Powerfleet Inc.	341,571 959,491	7,170
*	KVH Industries Inc.	959,491 604,876	7,129 6,865
*	DZS Inc.	423,992	6,559
*	Airgain Inc.	362,839	6,451
*	Aviat Networks Inc.	176,705	6,034
*	Genasys Inc.	915.019	5,966
*	Casa Systems Inc.	966,377	5,963
	Spok Holdings Inc.	533,975	5,943
	Alaska Communications Systems Group Inc.	1,587,267	5,857
*	Cambium Networks Corp.	217,737	5,461
*,1	Globalstar Inc.	15,778,403	5,343
*,1	Applied Optoelectronics Inc.	589,543	5,017
*	Hemisphere Media Group Inc. Class A	479,012	4,963
	Bel Fuse Inc. Class B	298,534	4,487
*	RigNet Inc.	627,735	3,697
*	Lantronix Inc.	795,356	3,531
*,1	Resonant Inc.	1,272,191	3,371
*,1	GTT Communications Inc.	808,106	2,885
*	Crexendo Inc.	339,220	2,351
	Communications Systems Inc.	305,247	1,395
	TESSCO Technologies Inc.	206,522	1,289
	Network-1 Technologies Inc.	195,392	721
*	Otelco Inc. Class A	54,417	624
*	SeaChange International Inc.	421,101	590
*	ClearOne Inc.	231,050	524
*	Optical Cable Corp.	62,844	168
*,1	ADDvantage Technologies Group Inc.	47,738	143
*,1,2	FTE Networks Inc.	84,180	126
*	Sonim Technologies Inc.	85,856	62
	Bel Fuse Inc. Class A	2,976	40
	BK Technologies Corp.	1,796	5
			36,021,053
Utilit	ties (2.96%)	FF 000 040	4 000 440
	NextEra Energy Inc.	55,222,816 20,741,125	4,260,440
	Duke Energy Corp. Southern Co.	20,741,125	1,899,057
		29,763,304	1,828,360
	Dominion Energy Inc.	23,012,915 11,923,367	1,730,571
	Waste Management Inc. American Electric Power Co. Inc.	13,999,827	1,406,123
	Exelon Corp.	27,459,566	1,165,766 1,159,343
	Sempra Energy	8,158,332	1,039,453
	Xcel Energy Inc.	14,839,637	989,359
	Eversource Energy	9,679,301	837,356
	Public Service Enterprise Group Inc.	14,296,703	833,498
	WEC Energy Group Inc.	8,924,671	821,337
	American Water Works Co. Inc.	5,124,649	786,480
	Waste Connections Inc.	7,423,374	761,415
	Edison International	10,703,071	672,367
	DTE Energy Co.	5,437,910	660,217
	- 3/	5, .5.,610	200,2.7

			Market
		Shares	Value (\$000)
	PPL Corp.	21,658,032	610,757
	Consolidated Edison Inc.	8,115,456	586,504
	Entergy Corp.	5,662,675	565,361
	Republic Services Inc. Class A	5,833,544	561,770
	Ameren Corp.	6,954,286	542,852
*	PG&E Corp.	41,867,108	521,664
	CMS Energy Corp.	8,084,235	493,219
	FirstEnergy Corp.	15,269,691	467,405
	AES Corp.	18,751,715	440,665
-	Sunrun Inc.	5,280,276	366,346
	Alliant Energy Corp.	7,059,814	363,792
	Evergy Inc.	6,424,406	356,619
	CenterPoint Energy Inc.	15,355,650	332,296
	Atmos Energy Corp. Essential Utilities Inc.	3,475,488 6,931,715	331,666 327,801
	Pinnacle West Capital Corp.	3,183,004	254,481
	NRG Energy Inc.	6,773,350	254,339
	Vistra Corp.	12,775,461	251,166
	NiSource Inc.	10,868,488	249,323
	UGI Corp.	5,875,392	205,404
	OGE Energy Corp.	5,676,624	180,857
*	Stericycle Inc.	2,585,627	179,262
	IDACORP Inc.	1,416,966	136,071
	Ormat Technologies Inc.	1,243,774	112,288
	ONE Gas Inc.	1,438,691	110,448
	PNM Resources Inc.	2,272,132	110,267
	Black Hills Corp.	1,766,520	108,553
	Portland General Electric Co.	2,535,322	108,436
*	Clean Harbors Inc.	1,410,005	107,301
	National Fuel Gas Co.	2,522,195	103,738
	Hawaiian Electric Industries Inc.	2,883,518	102,048
	New Jersey Resources Corp.	2,678,623	95,225
	ALLETE Inc.	1,445,209	89,516
	Southwest Gas Holdings Inc.	1,468,043	89,184
	Spire Inc.	1,362,896	87,280
*	Sunnova Energy International Inc.	1,912,464	86,310
*	Casella Waste Systems Inc. Class A	1,377,129	85,313
	NorthWestern Corp.	1,406,582	82,018
*	Evoqua Water Technologies Corp.	3,011,936	81,262
	American States Water Co.	1,015,616	80,752
	Avangrid Inc.	1,701,596	77,338
	Avista Corp.	1,898,142	76,191
	California Water Service Group	1,350,905	72,989
	MGE Energy Inc.	1,033,406	72,369
	Clearway Energy Inc. Class C South Jersey Industries Inc.	2,092,002	66,798 61,267
	SJW Group	2,843,019 810,673	61,267 56,228
	Chesapeake Utilities Corp.	459,402	49,712
	Covanta Holding Corp.	3,344,735	43,916
*	Harsco Corp.	2,227,213	40,045
	Northwest Natural Holding Co.	834,506	38,379
	Middlesex Water Co.	490,191	35,524
	US Ecology Inc.	931,571	33,844
	Clearway Energy Inc. Class A	1,136,496	33,583
	Unitil Corp.	428,767	18,982
	York Water Co.	383,888	17,889
*	Pure Cycle Corp.	1,059,152	11,894
	Artesian Resources Corp. Class A	282,564	10,477
*	Heritage-Crystal Clean Inc.	463,395	9,764
*,1	Cadiz Inc.	819,477	8,727
	RGC Resources Inc.	325,370	7,737
		·	•

				Shares	Market Value (\$000)
	Genie Energy Ltd. Class B			1,016,606	7,330
*	Atlantic Power Corp.			2,980,578	6,259
	Global Water Resources Inc.			396,728	5,717
	Spark Energy Inc. Class A			450,852	4,315
*,1	Aqua Metals Inc.			1,242,828	3,729
*	Sharps Compliance Corp.			373,017	3,525
	Advanced Emissions Solutions Inc.			540,444	2,972
*	Fuel Tech Inc.			467,755	1,815
*	Perma-Fix Environmental Services Inc.			289,060	1,726
*,1	Vertex Energy Inc.			1,205,574	858
*	Charah Solutions Inc.			288,382	828
*	Quest Resource Holding Corp.			25,955 _	59
					31,953,487
Total	Common Stocks (Cost \$518,935,880)				1,075,207,407
Prefe	erred Stocks (0.00%)				
	Air T Funding Pfd., 8.000%, 6/7/24 (Cost \$36)			1,727	44
		Coupon			
Temp	porary Cash Investments (0.84%)				
Mon	ey Market Fund (0.81%)				
6,7	Vanguard Market Liquidity Fund	0.111%		86,992,558	8,699,256
				Face	
			Maturity	Amount	
			Date	(\$000)	
U.S.	Government and Agency Obligations (0.03%)				
8	United States Treasury Bill	0.116%	1/21/21	162,000	161,996
	United States Treasury Bill	0.106%	1/26/21	213,000	212,993
					374,989
Total	Temporary Cash Investments (Cost \$9,073,467)				9,074,245
Total Investments (100.33%) (Cost \$528,009,383)					1,084,281,696
Othe	r Assets and Liabilities—Net (-0.33%)				(3,569,396)
Net A	Assets (100%)			1,080,712,300	

Cost is in \$000.

- * Non-income-producing security.
- 1 Includes partial security positions on loan to broker-dealers. The total value of securities on loan is \$3,870,567,000.
- 2 Security value determined using significant unobservable inputs.
- 3 Considered an affiliated company of the fund as the fund owns more than 5% of the outstanding voting securities of such company.
- 4 Security exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be sold in transactions exempt from registration, normally to qualified institutional buyers. At December 31, 2020, the aggregate value of these securities was \$70,112,000, representing 0.0% of net assets.
- 5 "Other" represents securities that are not classified by the fund's benchmark index.
- 6 Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.
- 7 Collateral of \$4,200,627,000 was received for securities on loan, of which \$4,167,191,000 is held in Vanguard Market Liquidity Fund and \$33,436,000 is held in cash.
- 8 Securities with a value of \$161,996,000 have been segregated as initial margin for open futures contracts.
 - CVR—Contingent Value Rights.
 - REIT—Real Estate Investment Trust.