June 30, 2019

0.0 %

Product Snapshot

Essex Micro Cap Growth Strategy

2017

Asset Class:	United States-Equity	Key Facts Displayed in P	roduct Base Currency - US Dollar (USD)
Primary Universe:	eVestment US Micro Cap Growth Equity	Primary Capitalization:	Micro Cap
Marketing Contact:	Ken Rogers	Primary Style Emphasis:	Growth
5	5	Preferred Benchmark:	Russell Microcap Growth
Title:	Marketing Contact	Total Product Assets: Total Product Accounts:	\$71.0
Phone/Fax:	914-251-1084 /	Product Offered As:	SA
Email Address:	ken@arrowpartners.com	Investment Focus:	Long Only

Asset & Account Information Displayed In Product Base Currency - US Dollar (USD)

Current Totals	Assets (\$ Million)	Accounts		Assets by Vehicle	Type Asset	s (\$ Million)	
Total in Product	\$71.0	6		Separate/Segregate	d Assets	\$68.4	
Total Taxable	\$2.6	1		Pooled/Commingled	Assets	\$2.6	
Total Tax-Exempt	\$68.4	5		Mutual Fund/Institut	ional Assets	\$0.0	
Total Institutional	\$71.0	6		Mutual Fund/Retail A	Assets	\$0.0	
Accounts Gained	Number	(\$ Million)	<u>% Product Assets</u>	Assets Lost	Number	(\$ Million)	<u>% Product Assets</u>
2018	0	\$0.0	0.0 %	2018	0	\$0.0	0.0 %

2017

0

\$0.0

Portfolio Characteristics Displayed In Product Base Currency - US Dollar (USD)

1

\$21.8

Strategy Snapshot		Fundamental Characteristics		Market Capitalization Brea	akdown
Primary Capitalization:	Micro Cap	Current Cash Position:	2.8 %	>\$50 Billion:	0.00 %
Primary Style Emphasis:	Growth	Annual Turnover (LTM):	45 %	\$15-50 Billion:	0.00 %
Preferred Benchmark:	Russell Microcap Growth	Current P/E (12-mo Trailing):	18.72x	\$7.5-15 Billion:	0.00 %
Secondary Style Emphasis:		Current P/B (12-mo Trailing):	1.94x	\$1.5-7.5 Billion:	5.44 %
Current Number Of Holdings:	100	Current P/S (12-mo Trailing):	0.77x	\$750 Million-1.5 Billion:	7.52 %
Foreign Securities Utilized:		Earnings Growth (Past 5 Yrs):		\$400 Million-750 Million:	16.29 %
Approach Towards Currency Hedging:		Weighted Avg. Mkt Cap (Mil):	\$477	<\$400 Million:	70.69 %
% Hedged Back to Local Currency:		Median Market Cap (Mil):	\$173		
% Max Allowed In Emerging Markets:					
Derivatives Utilized:	No				
Available Under Social Restrictions:	No				

174.5 %

Performance Information Displayed In Vehicle Base Currency - US Dollar (USD)

Track Record (2 Available): Frequency:	USA - SA - Composite - Essex Micro Cap Growth Strategy - Gross of Fees Monthly					<u>Risk Index:</u> <u>Risk-Free Index:</u>	Russell Microcap FTSE 3-Month T-		
		Returns		_					
Trailing Periods	Product	<u>Benchmark</u>	Excess	Std Dev	<u>Alpha</u>	<u>Beta</u>	<u>Trk Error</u>	<u>Info Ratio</u>	<u>Sharpe Ratio</u>
1 Year	-0.76	-9.79	9.03	25.30	8.93	0.92	7.24	1.25	-0.12
2 Year	11.35	3.88	7.46	19.46	7.51	0.93	6.31	1.18	0.49
3 Year	17.71	9.82	7.89	16.97	8.47	0.87	6.32	1.25	0.96
4 Year	8.52	1.94	6.58	16.96	6.70	0.81	7.08	0.93	0.44
5 Year	8.15	4.32	3.83	15.65	4.62	0.75	8.01	0.48	0.47
6 Year	11.93	7.75	4.18	15.87	5.59	0.77	7.97	0.52	0.71
7 Year	16.13	10.15	5.99	15.97	7.48	0.80	7.82	0.77	0.97
8 Year	13.16	8.35	4.81	17.29	5.85	0.83	7.49	0.64	0.73
9 Year	16.78	11.48	5.30	17.87	6.42	0.86	7.28	0.73	0.91
10 Year	17.19	11.85	5.34	18.33	6.33	0.87	7.11	0.75	0.91
Since Inception (10/2007)	9.60	5.57	4.03	21.68	4.32	0.93	7.36	0.55	0.41
Calendar Years	MRQ	YTD	2018	<u>2017</u>	2016	2015	2014	2013	2012
Product Returns:	0.54	14.68	-4.02	27.71	8.76	-7.62	4.43	78.29	21.18
Benchmark Returns:	0.43	16.50	-14.18	16.65	6.86	-3.85	4.30	52.84	15.17
Excess Returns:	0.11	-1.82	10.16	11.06	1.90	-3.76	0.13	25.45	6.01

Professional Information

Fee Information Displayed In Product Base Currency - US Dollar (USD)

Vehicle Type	Available	Min. Size(\$ Mil)	<u>Minimum Fee</u>	
Separate/Segregated	Open	\$3		
Pooled/Commingled	Not Available			
Mutual Fund	Not Available			
Fees By Acct. Size	<u>\$25M</u>	<u>\$50M</u>	<u>\$75M</u>	<u>\$100M</u>
Separate/Segregated	\$250,000	\$500,000	\$750,000	\$1,000,000
	100bps	100bps	100bps	100bps
Pooled/Commingled				
Mutual Fund				

Team Description	<u>No.</u>	Avg. Yrs. Exp.	Avg. Yrs. @ Firm
Portfolio Managers:	1	35	14
Research Analysts:	3	19	11
Traders:	2	31	27
Risk Portfolio/Monitoring:	0	0	0
Professional Turnover Professionals Gained	MRQ 2018 2017	Port Mgrs. 0 0 0	Analysts 0 0 0
Professionals Lost	MRQ	0	0
	2018	0	0
	2017	0	0



Essex Investment Management Company, LLC

June 30, 2019

Essex Micro Cap Growth Strategy

Asset Class:
Primary Universe:
Marketing Contact:
Title:
Phone/Fax:
Email Address:

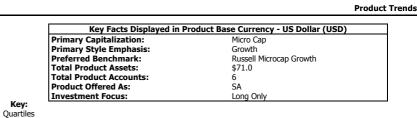
Median

Rank

Median

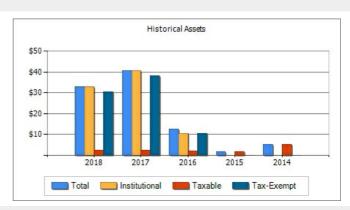
Rank

United States-Equity eVestment US Micro Cap Growth Equity Ken Rogers Marketing Contact 914-251-1084 / ken@arrowpartners.com



Historical Product Assets Displayed In Product Base Currency - US Dollar (USD)

Category	2018	2017	2016	2015	2014
Total	\$32.9	\$40.6	\$12.5	\$1.8	\$5.3
Institutional	\$32.9	\$40.6	\$10.6	\$0.0	\$0.0
Taxable	\$2.3	\$2.4	\$1.9	\$1.8	\$5.3
Tax-Exempt	\$30.6	\$38.2	\$10.6	\$0.0	\$0.0



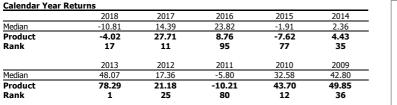
Universe Ranking Analysis vs eVestment US Micro Cap Equity Displayed In Vehicle Base Currency - US Dollar (USD)

Key:

1st 2nc 3rd 4th

Annualized R							
Percentile	MRQ	YTD	1 Yr	3 Yrs	5 Yrs	7 Yrs	10 Yrs
5th	7.15	25.42	8.80	25.41	15.58	20.70	19.97
25th	3.70	18.16	-2.75	16.03	10.03	14.98	17.81
Median	1.49	13.92	-7.48	12.64	8.34	13.22	14.91
75th	0.01	11.35	-10.34	10.98	6.38	11.71	13.87
95th	-3.92	7.68	-14.97	6.35	3.13	8.66	11.48
Product	0.54	14.68	-0.76	17.71	8.15	16.13	17.19
Rank	68	42	19	19	52	20	29







	6/19	3/19	12/18	9/18	6/18
Median	12.64	13.23	8.73	18.79	13.44
Product Rank	17.71 19	16.66 30	10.06 38	20.14 36	11.80 70
	3/18	12/17	9/17	6/17	3/17
Median	10.79	11.47	14.37	8.70	7.39
Product Rank	8.52 73	8.67 83	10.98 75	6.07 77	2.41 84



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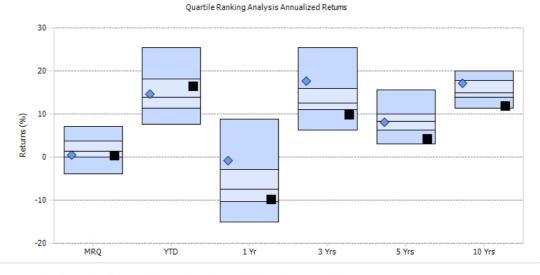


Essex Investment Management Company, LLC

June 30, 2019

Essex Micro Cap Grow	th Strategy		Univers	se Rank
Asset Class:	United States-Equity	Key Facts Displayed in P	roduct Base Currency - US Dollar (USD)]
Primary Universe:	eVestment US Micro Cap Growth Equity	Primary Capitalization:	Micro Cap	
Marketing Contact:	Ken Rogers	Primary Style Emphasis:	Growth	
Marketing Contact:	Kell Rogers	Preferred Benchmark:	Russell Microcap Growth	
Title:	Marketing Contact	Total Product Assets:	\$71.0	
Phone/Fax:	914-251-1084 /	Total Product Accounts:	6	
		Product Offered As:	SA	
Email Address:	ken@arrowpartners.com	Investment Focus:	Long Only	1

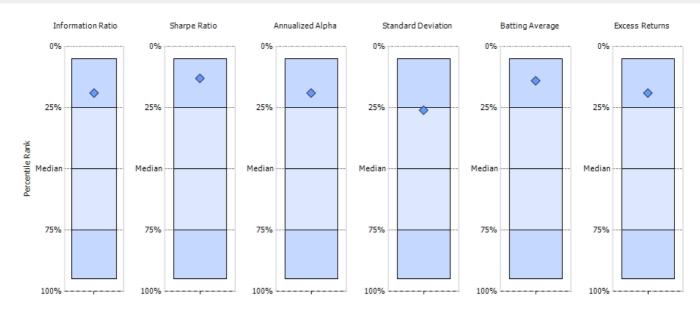
Peer Group Statistics And Ranking vs. eVestment US Micro Cap Equity Displayed In Vehicle Base Currency - US Dollar (USD)



♦ Essex: Essex Micro Cap Growth Strategy ■ Benchmark: Russell Microcap Growth

	MRQ		YTD		1 Yr		3 Yrs		5 Yrs		10 Yrs	
Firm/Product	Return	Rank										
Essex Investment Management Company, LLC	0.54	68	14.68	42	-0.76	19	17.71	19	8.15	52	17.19	29
Russell Microcap Growth	0.43	69	16.50	33	-9.79	72	9.82	84	4.32	86	11.85	94
Universe Median	1.49		13.92		-7.48		12.64		8.34		14.91	

Three Year Statistics vs. eVestment US Micro Cap Equity vs. Russell Microcap Growth Displayed In Vehicle Base Currency - US Dollar (USD)



	Information Ratio	Sharpe Ratio	Annualized Alpha	Standard Deviation	Batting Average	Excess Returns
Median	0.41	0.66	4.07	17.88	0.50	2.82
Product	1.25	0.96	8.47	16.97	0.61	7.89
Rank	19	13	19	26	14	19

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Essex Investment Management Company, LLC

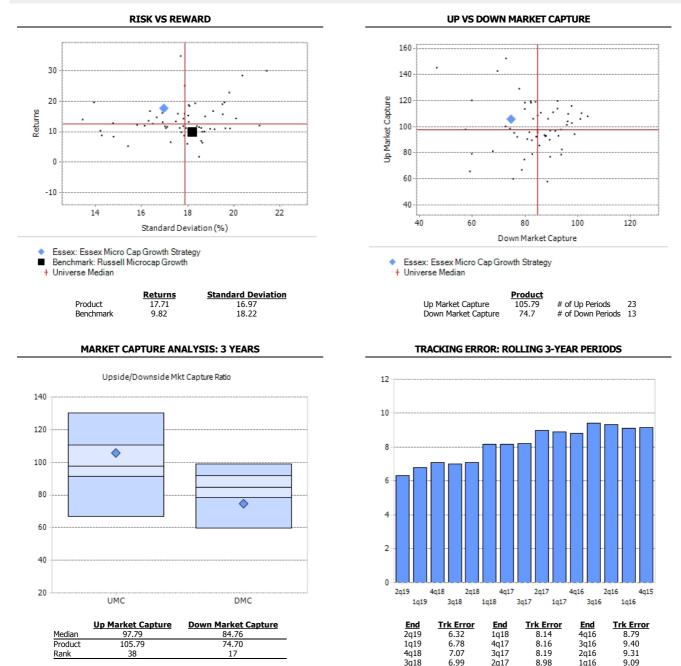
Essex Micro Cap Growth Strategy

June 30, 2019

Risk vs. Reward

Asset Class:	United States-Equity	Key Facts Displayed in Product Base Currency - US Dollar (USD)				
Primary Universe:	eVestment US Micro Cap Growth Equity	Primary Capitalization:	Micro Cap			
Marketing Contact:	Ken Rogers	Primary Style Emphasis: Preferred Benchmark:	Growth Russell Microcap Growth			
Title:	Marketing Contact	Total Product Assets:	\$71.0			
Phone/Fax:	914-251-1084 /	Total Product Accounts:	6			
Email Address:	ken@arrowpartners.com	Product Offered As: Investment Focus:	SA Long Only			

Risk Vs Reward And Market Capture Analysis: 3 Years vs. eVestment US Micro Cap Equity Displayed In Vehicle Base Currency - US Dollar (USD)



2q18

7.10

1q17

8.88

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1a16

4q15

9.14

Micro Cap Growth

Period	Gross Return	Net Return	Benchmark Return	Number of Portfolios	Total Composite Assets (USD millions)	Total Firm Assets (USD millions)		Dispersion	Composite 3-year Standard Deviation	Benchmark 3-year Standard Deviation
2009	49.8 %	48.0 %	39.2 %	≤ 5	\$1.1	\$1,930	0.1 %	-	-	-
2010	43.7 %	42.0 %	29.5 %	≤ 5	\$1.6	\$1,470	0.1 %	-	31.0 %	29.1 %
2011	-10.2 %	-11.4 %	-8.4 %	≤ 5	\$1.4	\$1,058	0.1 %	-	24.6 %	25.2 %
2012	21.2 %	19.7 %	15.2 %	≤ 5	\$3.9	\$612	0.6 %	-	21.4 %	21.6 %
2013	78.3 %	76.2 %	52.8 %	≤ 5	\$5.8	\$740	0.8 %	-	18.6 %	18.5 %
2014	4.4 %	3.4 %	4.3 %	≤ 5	\$5.3	\$683	0.8 %	-	15.7 %	16.5 %
2015	-7.6 %	-8.6 %	-3.9 %	≤ 5	\$1.8	\$677	0.3 %	-	15.7 %	17.6 %
2016	8.8 %	7.7 %	6.9 %	≤ 5	\$12.5	\$606	2.1 %	-	13.7 %	19.4 %
2017	27.7 %	26.5 %	16.7 %	≤ 5	\$40.6	\$765	5.3 %	-	12.6 %	17.0 %
2018	-4.0 %	-5.0 %	-14.2 %	≤ 5	\$32.9	\$622	5.3 %	-	15.4 %	18.5 %

Essex Investment Management Company, LLC ("Essex") claims compliance with the Global Investment Performance Standards (GIPS") and has prepared and presented this report in compliance with the GIPS standards. Essex has been independently verified for the periods January 1, 1993 through December 31, 2018. Verification assesses whether (1) the firm has complied with all the composite construction requirements of the GIPS standards on a firm-wide basis and (2) the firm's policies and procedures are designed to calculate and present performance in compliance with the GIPS standards. The Micro Cap Growth composite has been examined for the periods October 1, 2007 through December 31, 2018. The verification and performance examination reports are available upon request.

Notes:

1. Organization: Essex Investment Management Company, LLC ("Essex") is an independently owned investment management firm founded in 1976. Essex is a registered investment adviser with the SEC. The firm offers investment management services to individuals, institutional investors, separately managed sub-advisory account programs, and sub-advisory management services to mutual funds. When used herein, the term Essex also refers to the firm's predecessor, Essex Investment Management Company, Inc. On January 1, 2005, the Buridge Growth Partners division of the former The Buridge Group LLC merged with Essex. Buridge Growth Partners' portfolio manager, analysts and investment decision making process remained intact and its separately managed accounts continued under Essex's management.

2. Composite Definition: This composite includes all actual, fee-paying, fully discretionary accounts managed by Essex to seek capital appreciation by investing in micro capitalization growth companies. The use of leveraging, short positions and derivatives has not been used by any of the accounts. The composite was created on March 13, 2008.

3. Benchmark: The Russell Micro Cap® Growth Index contains those securities in the Russell Micro Cap Index with a greater-than average growth orientation, and includes reinvestment of dividends. The Russell Micro Cap® Growth Index is a trademark of Russell Investments. Russell Investments is the owner of the trademarks, service marks and copyrights related to its respective indexes. An index is unmanaged, does not incur fees or expenses, and cannot be invested in directly. Benchmark returns are not covered by the report of independent verifiers.

4. Dispersion & Standard Deviation: Essex uses an asset-weighted standard deviation calculation to measure dispersion. Only portfolios that are included in the composite for the entire year have been included in the dispersion calculation; it is not presented for periods less than one year or when there are five or fewer portfolios in the composite. The three-year annualized standard deviation measures the variability of the composite and the benchmark returns over the preceding 36 month period.

5. Fees: The standard advisory fee is: For all accredited investor accounts 1.0% on all assets. Essex's standard advisory fee schedules are described in its Part II of Form ADV. The above net returns are based on a model 1.0% advisory fee which is applied monthly to calculate the net performance numbers.

6. Calculation Methodology: Gross performance results presented are net of transaction costs, but before management fees, custody fees and other indirect expenses. Net performance results are presented net of the maximum applicable management fees, transaction costs, withholding taxes and direct expenses, but before custody fees and other indirect expenses. This composite does not incur any performance-based fees. Composite returns include the reinvestment of income and class action proceeds, if applicable. Actual returns will be reduced by investment advisory fees. Investment davisory fees are generally collected quarterly, which produces a compounding effect on the total rate of return net of management fees. As an example, the effect of investment advisory fees on the total value of a client's portfolio assuming 31,000,000 investment, portfolio return of 10% a year, and a 1.0% annual investment advisory fees. The actual fee charged to an individual account may differ from the standard schedule depending on a number of factors including account type and size.

7. Other Matters/Disclosures: A complete list and description of the firm's composites are available upon request. Additional information regarding the firm's policies for valuing portfolios, calculating performance, and preparing complicint presentations are available upon request. Clients should not assume they will have an investment experience similar to that indicated by the past performance results of the composite. Valuations and returns are computed and stated in U.S. Dollars. Test composite performances in one-von-one presentations only and Essex requires that third party consultants provide this performance information and the related disclosures only in one-on-one presentations only and Essex requires that third party consultants provide this performance information and the related disclosures only in one-on-one presentations. Registration as ninvestment adviser with the SEC does not imply a certain level of skill or training. Such registration in no way implies that the Securities and Exchange Commission approves or endorses Essex, its strategies, or any of its marketing materials.

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Additional information regarding policies for calculating and reporting returns is available upon request



Essex Investment Management Company, LLC www.essexinvest.com

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