## Essex Investment Management Company, LLC

#### Essex Small Growth

Track Record: USA - SA - Composite - Essex Small Growth - Gross of Fees Risk Index: Russell 2000 Growth

Risk-Free Index: FTSE 3-Month T-Bill Frequency: Monthly

Product Base Currency of US Dollar (USD)

#### **Kev Facts**

General Information Asset Class: Primary Universe: Marketing Contact:

Phone / Fax: Email Address:

United States - Equity eVestment US Small Cap Growth Equity

Ken Rogers Marketing Contact 914-251-1084 / ken@arrowpartners.com

Primary Capitalization: Small Cap Primary Style Emphasis: Growth Russell 2000 Growth Preferred Benchmark:

Total Product Assets: \$320.9 Total Product Accounts: 12 SA Product Offered As: Investment Focus: Long Only Status: Active

## **Asset & Account Information**

Current Totals	Assets (M)	Accounts
Product	\$320.9	12
Taxable	\$65.3	2
Tax-Exempt	\$255.6	10
Institutional	\$319.7	11

Gained	Accounts	Assets (M)	% Product Assets
MRQ	0	\$0.0	0.0%
YTD	0	\$0.0	0.0%
2023	0	\$0.0	0.0%
2022	2	\$15.1	10.5%

Assets by Vehicle Type			Assets (M)
Separate / Segregated			\$256.8
Pooled / Commingled			\$0.0
Mutual Fund / Institutiona	I		\$64.1
Mutual Fund / Retail			\$0.0
Loot	Accounts	Access (M)	% Broduct Accets

Lost	Accounts	Assets (M)	% Product Assets
MRQ	0	\$0.0	0.0%
YTD	0	\$0.0	0.0%
2023	0	\$0.0	0.0%
2022	0	\$0.0	0.0%

## Portfolio Characteristics

#### Strategy Snapshot

Primary Capitalization: Small Cap Primary Style Emphasis: Preferred Benchmark: Growth Russell 2000 Growth Secondary Style Emphasis: Not Applicable Current Number Of Holdings: 101 Foreign Securities Utilized: Approach Towards Currency Hedging: % Hedged Back to Local Currency: % Max Allowed in Emerging Markets:

Nο

#### **Fundamental Characteristics**

Current Cash Position: Annual Turnover (LTM): Current P / E (12-mo Trailing): Current P / B (12-mo Trailing): Current P / S (12-mo Trailing): Earnings Growth (Past 5 Yrs): Weighted Avg. Mkt Cap (M): Median Market Cap (M):

# Market Capitalization Breakdown

> \$50 Billion: \$15-50 Billion: \$7.5-15 Billion: \$1.5-7.5 Billion: \$750 Million-1.5 Billion: \$400 Million-750 Million: < \$400 Million:

## Performance Information

Derivatives Utilized:

USD	
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		Returns								
Trailing Periods	Product	Benchmark	Excess	Std Dev	A	lpha	Beta	Trk Error	Info Ratio	Sharpe Ratio
1 Year	23.85	27.66	-3.81	25.11		4.53	1.08	6.42	-0.59	0.73
2 Year	13.77	18.28	-4.51	23.82		4.83	1.08	6.37	-0.71	0.36
3 Year	-3.03	-0.35	-2.68	26.34	-:	2.18	1.11	6.30	-0.42	-0.25
4 Year	10.92	7.16	3.76	26.47	:	3.36	1.11	8.20	0.46	0.31
5 Year	10.28	8.82	1.46	28.76	ı	0.98	1.15	8.83	0.17	0.27
6 Year	7.05	5.50	1.55	28.09		1.58	1.11	8.21	0.19	0.17
7 Year	9.00	7.59	1.41	26.48		1.10	1.12	7.82	0.18	0.25
8 Year	10.95	9.18	1.76	25.14		1.23	1.11	7.48	0.24	0.35
9 Year	11.14	9.51	1.63	24.44		1.07	1.10	7.22	0.23	0.38
10 Year	10.16	8.95	1.21	23.62	ı	0.80	1.09	7.07	0.17	0.36
Since Inception (10/2000)	11.01	6.13	4.88	23.00		4.94	1.00	7.70	0.63	0.40
Returns	MRQ		YTD	2023	2022	2021	202	20 2019	2018	2017
Product	11.14	1	2.81	10.02	-27.83	29.85	27.7	76 27.42	-4.88	25.88
Benchmark	8.41	1	3.22	18.66	-26.36	2.83	34.6	53 28.48	-9.31	22.17
Excess	2.73	-	0.41	-8.64	-1.47	27.01	-6.8	37 -1.07	4.42	3.71

1.6%

69%

28.30x

3.31x

1.62x

\$2 279

\$823

# Fee Information

Vehicle Type	Available	Min. Size (M)	Minimum Fee
Separate / Segregated	Open	\$3.00	\$30,000.00
Pooled / Commingled	Not Available		
Institutional MFs	Open		

Fees By Acct. Size	\$25M	\$50M	\$75M	\$100M
Separate / Segregated	\$240,000	\$445,000	\$645,000	\$845,000
	96 bps	89 bps	86 bps	85 bps
Pooled / Commingled				
Institutional MFs				

# **Professional Information**

Team Description	No.	Avg. Yrs. Exp.	Avg. Yrs. @ Firm
Portfolio Managers	1	40	19
Research Analysts	3	24	16
Traders	0	0	0
Risk Portfolio / Monitoring	0	0	0

Professional Turnover		Portfolio Mgrs.	Analysts	
Professionals Gained	MRQ	0	0	
	2023	0	0	
	2022	0	0	
Professionals Lost	MRQ	0	0	
	2023	0	1	
	2022	0	0	

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#### **General Information**

Asset Class: Primary Universe: Marketing Contact: Title: Phone / Fax: Email Address: United States - Equity eVestment US Small Cap Growth Equity Ken Rogers Marketing Contact 914-251-1084 / ken@arrowpartners.com

#### **Kev Facts**

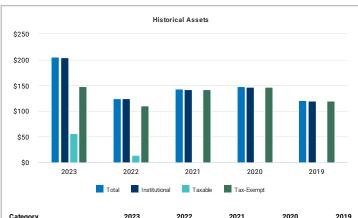
Primary Capitalization:
Primary Style Emphasis:
Preferred Benchmark:
Total Product Assets:
Total Product Accounts:
Product Offered As:
Investment Focus:
Status:

# Small Cap Growth Russell 2000 Growth \$320.9

12 SA Long Only

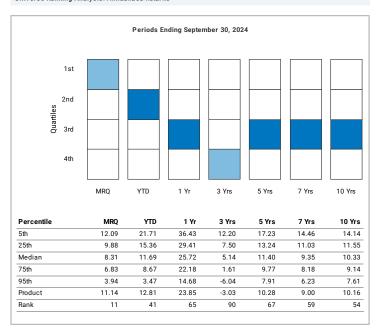
## Historical Product Assets & Universe Ranking Analysis vs US Small Cap Equity

## Historical Product Assets

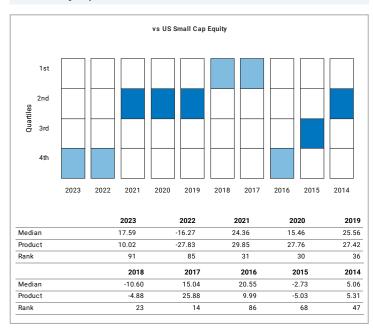


Category	2023	2022	2021	2020	2019
Total	\$205.2	\$125.0	\$143.6	\$148.0	\$120.7
Institutional	\$204.1	\$124.0	\$142.2	\$146.9	\$119.9
Taxable	\$56.9	\$14.2	\$1.4	\$1.1	\$0.8
Tax-Exempt	\$148.3	\$110.8	\$142.2	\$146.9	\$119.9

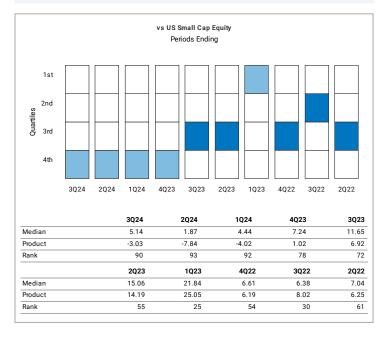
## Universe Ranking Analysis: Annualized Returns



# Universe Ranking Analysis: Calendar Year Returns



# Universe Ranking Analysis: Rolling 3-Year Returns





Essex Small Growth

Product Base Currency of US Dollar (USD)

Track Record: USA - SA - Composite - Essex Small Growth - Gross of Fees Risk Index: Russell 2000 Growth Risk-Free Index: FTSE 3-Month T-Bill Frequency: Monthly

#### **General Information**

Asset Class: Primary Universe: Marketing Contact: Title: Phone / Fax: Email Address: United States - Equity

eVestment US Small Cap Growth Equity

Ken Rogers Marketing Contact 914-251-1084 / ken@arrowpartners.com

#### **Kev Facts**

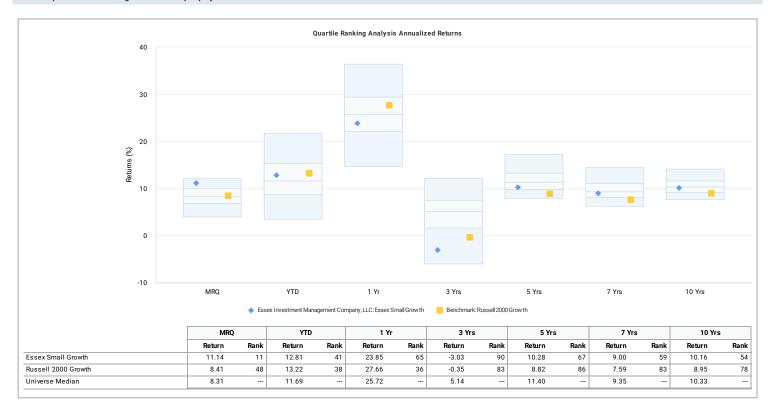
Primary Capitalization:
Primary Style Emphasis:
Preferred Benchmark:
Total Product Assets:
Total Product Accounts:
Product Offered As:
Investment Focus:
Status:

Small Cap Growth

Russell 2000 Growth \$320.9

12 SA Long Only Active

## Peer Group Statistics & Ranking vs US Small Cap Equity

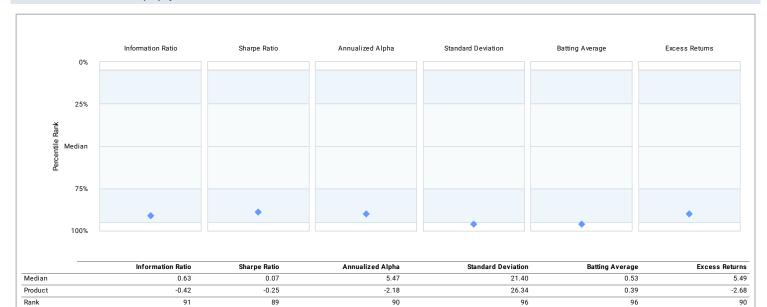


Essex Small Growth

Product Base Currency of US Dollar (USD)

Track Record: USA - SA - Composite - Essex Small Growth - Gross of Fees Risk Index: Russell 2000 Growth Risk-Free Index: FTSE 3-Month T-Bill Frequency: Monthly

# Three Year Statistics vs US Small Cap Equity vs Russell 2000 Growth



Product Base Currency of US Dollar (USD)

#### Essex Small Growth

General Information

Asset Class:

Phone / Fax

Email Address

Primary Universe:

Marketing Contact:

Track Record: USA - SA - Composite - Essex Small Growth - Gross of Fees Risk Index: Russell 2000 Growth

United States - Equity

Marketing Contact

ken@arrowpartners.com

914-251-1084 /

Ken Rogers

eVestment US Small Cap Growth Equity

Risk-Free Index: FTSE 3-Month T-Bill Frequency: Monthly

# Key Facts

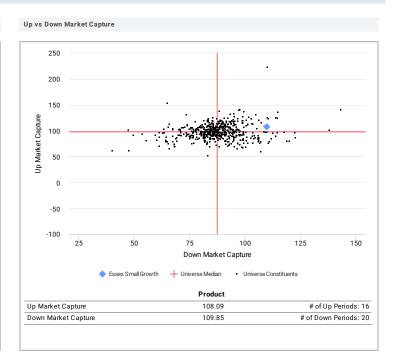
Status:

Primary Capitalization: Primary Style Emphasis: Preferred Benchmark: Total Product Assets: Total Product Accounts: Product Offered As: Investment Focus: Small Cap Growth Russell 2000 Growth \$320.9 12 SA Long Only

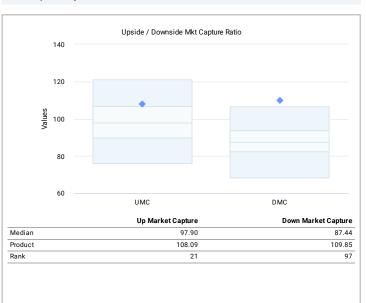
Active

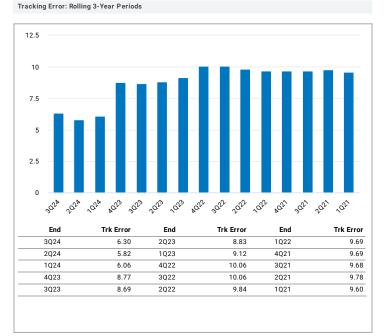
## Risk vs Reward & Market Capture Analysis: 3 Years vs US Small Cap Equity

# Risk vs Reward 40 30 20 10 Returns -10 -20 -30 10 20 40 30 Standard Deviation (%) Russell 2000 Growth Universe Median Standard Deviation Product -3.03 26.34 -0.35 23.09 Benchmark



# Market Capture Analysis: 3 Years







Period	Gross Return	Net Return	Benchmark Return	Number of Portfolios	Total Composite Assets	Total Firm Assets	Composite Assets as a % of Total Firm	Dispersion	Composite 3-year Standard Deviation	Benchmark 3-year Standard Deviation
	(%)	(%)	(%)		(USD Millions)	(USD Millions)	Assets		(%)	(%)
2013	66.4%	64.7%	43.3%	≤5	\$104	\$740	14.1%	-	17.8%	17.3%
2014	5.3%	4.3%	5.6%	≤5	\$80	\$683	11.7%	-	14.7%	13.8%
2015	-5.0%	-6.0%	-1.4%	≤5	\$75	\$677	11.1%	-	15.4%	15.0%
2016	10.0%	8.9%	11.3%	≤5	\$66	\$606	10.9%	-	16.0%	16.7%
2017	25.9	24.6%	22.2%	10	\$132	\$765	17.3%	-	14.7%	14.6%
2018	-4.9%	-5.8%	9.3%	10	\$117	\$622	18.8%	0.3	17.0%	16.5%
2019	27.4%	26.2%	28.5%	9	\$121	\$713	16.9%	0.2	17.0%	16.4%
2020	27.8%	26.5%	34.6%	9	\$148	\$786	18.8%	0.5	28.7%	25.1%
2021	29.8%	28.6%	2.8%	9	\$144	\$837	17.2%	0.1	27.9%	23.1%
2022	-27.8%	-28.6%	-26.4%	11	\$125	\$618	20.2%	0.2	31.9%	26.2%
2023	10.0%	8.9%	18.7%	11	\$205	\$610	33.6%	0.4	26.3%	21.8%

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, 2023. A firm that claims compliance with the GIPS standards must establish policies and procedures for complying with all the applicable requirements of the GIPS standards. Verification provides assurance on whether the firm's policies and procedures related to composite and pooled fund maintenance, as well as the calculation, presentation, and distribution of performance, have been designed in compliance with the GIPS standards and have been implemented on a firm-wide basis. The Small Growth composite has had a performance examination for the periods October 1, 2000 through December 31, 2023. The verification and performance examination reports are available upon request. GIPS® is a registered trademark of CFA Institute does not endorse or promote this organization, nor does it warrant the accuracy or quality of the content contained herein.

#### 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 Burridge Growth Partners division of the former The Burridge Group LLC merged with Essex. Burridge 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 fully discretionary accounts managed by Essex to seek capital appreciation by investing in small/micro capitalization growth companies. For the period 10/1/2000 12/51/2001, the only accounts in the composite were non-fee paying accounts. The use of leveraging, short positions and derivatives has not been used by any of the accounts. The composite was created on October 1, 2000. The composite inception date is October 1, 2000 the Small Cap composite managed by Nancy Prial while she was Chief Investment Officer and the key decision maker of Burridge Growth Partners. The investment composition of the composite strategy remained intact with the merger only the name of the composite has changed. Performance results for years prior to 2005 were achieved while the managers of the investment strategy were employed with The Burridge Group LLC. Therefore, Total Firm Assets prior to 2005 are shown as NIA because the firm no longer exists and only a portion of assets with Burridge transferred to Essex. All portability requirements with respect to the GIPS® have been met. On 1/1/15 the composite name changed from Small/Micro Cap to Small Growth.
- 3. Benchmark: The Russell 2000® Growth Index contains those securities in the Russell 2000 Index with a greater-than average growth orientation, and includes reinvestment of dividends. The Russell 2000® 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 preceeding 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, and direct expenses, but before custody fees and other indirect expenses. The net-of-fee returns are calculated by reducing monthly composite returns by a model fee of 0.083%. This equates to a model annual fee of 1.0% which is the highest tier of the standard fee schedule. This composite does not incur any performance-based fees or carried interest. Composite returns include the reinvestment of income and class actions proceeds, if applicable. Actual returns will be reduced by investment advisory fees and expenses. Investment advisory 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 \$1,000,000 investment, portfolio return of 10% a year, and a 1.0% annual investment advisory fee would be \$10,577 in the first year, and cumulative effects of \$63,180 over five years. The five year compounded gross rate of return of 61.1% would be reduced to 53.2% after taking into account 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. Composite Characteristics: The minimum value threshhold used to be \$1,000,000. The minimum value threshhold is no longer in place as of 10/1/2012.
- 8. Other Matters/Disclosures: A complete list of the firm's composites descriptions and a list of limited distribution pooled fund descriptions are available upon request. Policies for valuing investments, calculating performance, and preparing GIPS Reports are available upon request. Clients or prospective clients should not assume they will have an investment experience similar to that indicated by the past performance results reto the composite. Valuations and returns are computed and stated in U.S. Dollars. Past composite performance is not necessarily predictive of how an investors' individual account will perform. Whenever the potential for profit exists, there is also the potential for loss. This document has been approved for use 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 an investment adviser with eSEC 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. Policies for valuing investments, calculating performance, and preparing GIPS Reports are available upon request.

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## IMPORTANT :

- Risks of Small Growth portfolios: Essex Small Growth portfolio returns may show a high level of variability and volatility. In addition to market risk, additional risks in these portfolios may result from Essex's selection of specific securities, since individual holdings may represent a significant percentage of a portfolio's holdings from time to time. Sources: portfolio characteristics, top ten holdings, and sector weights calculated internally by Essex. Performance Calculations: performance returns are of the Essex Small Growth Composite, inception 10/1/00. Returns include reinvestment of dividends and other earnings. The Essex Small Growth Composite includes all fully discretionary accounts managed by Essex to seek capital appreciation by investing in small/micro capitalization growth companies. The use of leveraging, short positions and derivatives has not been used by any of the accounts. The Russell 2000 Growth Index ® contains those securities with a greater-than average growth orientation, and includes reinvestment of dividends. The Russell 2000 Growth Index ® measures the performance of those companies with higher price-to-book ratios and higher forecasted growth values. The Russell 2000 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. The volatility of the indices may be materially different from the individual performance attained by a specific investor. In addition, the Adviser's/Fund's holdings may differ significantly from the securities that comprise the indices. The indices have not been selected to represent an appropriate benchmark to compare an investor's performance but rather are disclosed to allow for comparison of an investor's performance to that of certain well-likenown and widely recognized indices. An index is unmanaged, does not incur fees or expenses, and cannot be invested in directly, index is unmanaged, does not incur fees or expenses, and cannot be investe
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## **IMPORTANT DISCLOSURES:**

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Representative portfolio characteristics, holdings, sector weightings and market capitalization are based on a representative portfolio and are subject to change at any time. Holdings, sector weightings, market capitalization and portfolio characteristics of individual client portfolios may differ, sometimes significantly, from those shown. This information does not constitute, and should not be construed as, investment advice or recommendations with respect to the securities and sectors listed. Past performance is no guarantee of future results. Performance is preliminary and subject to change. There is no guarantee that the Portfolio's objective will be met. This does not constitute an offer to sell or the solicitation of an offer to purchase any security or investment product, nor does it constitute a recommendation to invest in any particular security. An investment in securities is speculative and involves a high degree of risk and could result in the loss of all or a substantial portion of the amount invested. There can be no assurance that the strategy described herein will meet its objectives generally, or avoid losses. Essex makes no warranty or representation, expressed or implied; nor does Essex accept any liability, with respect to the information and data set forth herein, and Essex specifically disclaims any duty to update any of the information and data contained in the commentary. This information and data does not constitute legal, tax, account, investment or other professional advice.