



Free Cash Flow Investing

Markets and Performance Review Webinar

For TTAC and TTAI

January 2020

Goals

Macro Overview

Free Cash Flow Research Update

Actively Managed ETFs

Quality for the Long Term

Performance Review for Q4 2019

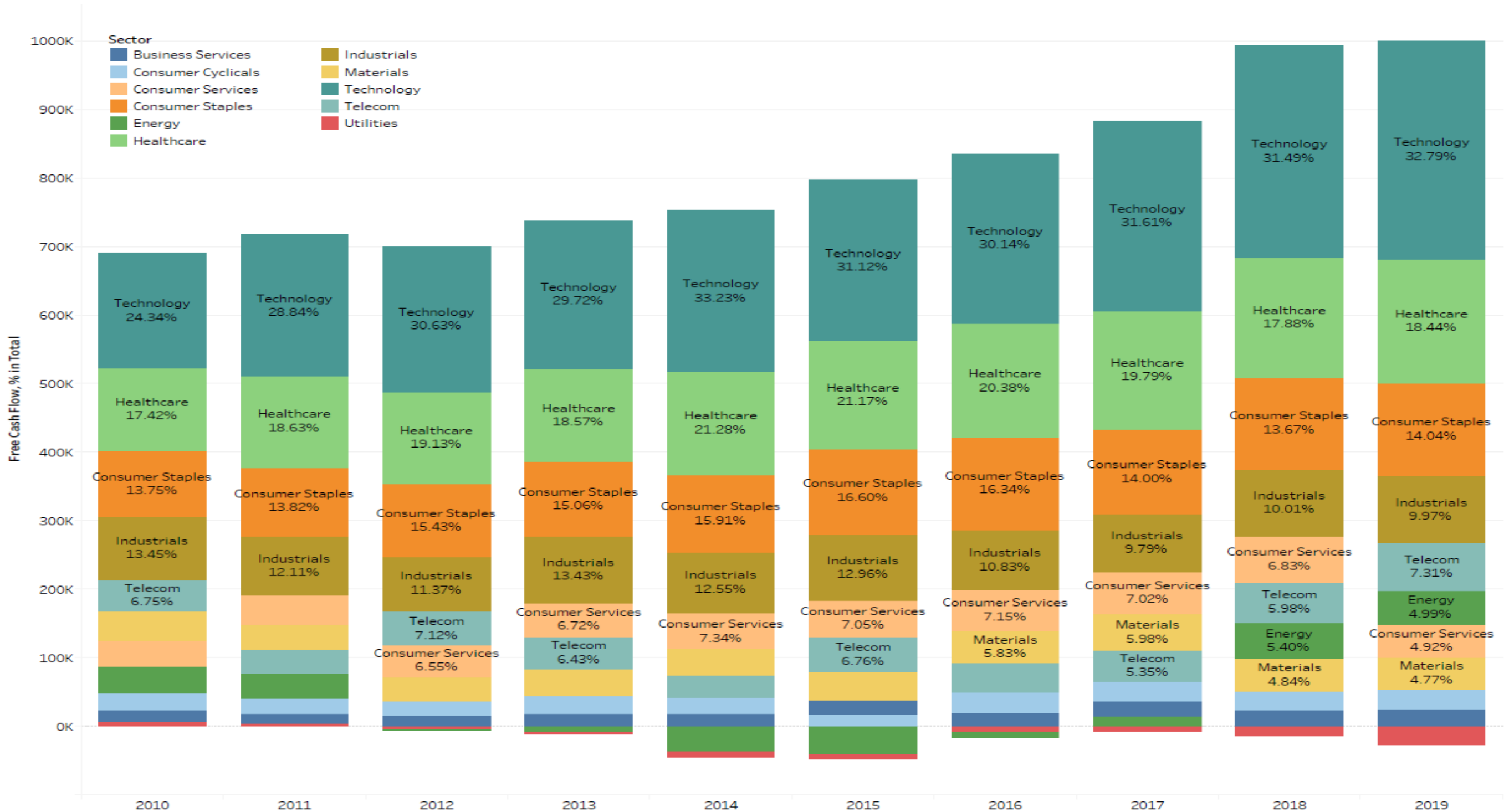
Q&A

Investment Elements: What is Driving Equity Markets?

- 2019: The De-Escalation of Macro Risks
- Monetary *AND* Fiscal Policy

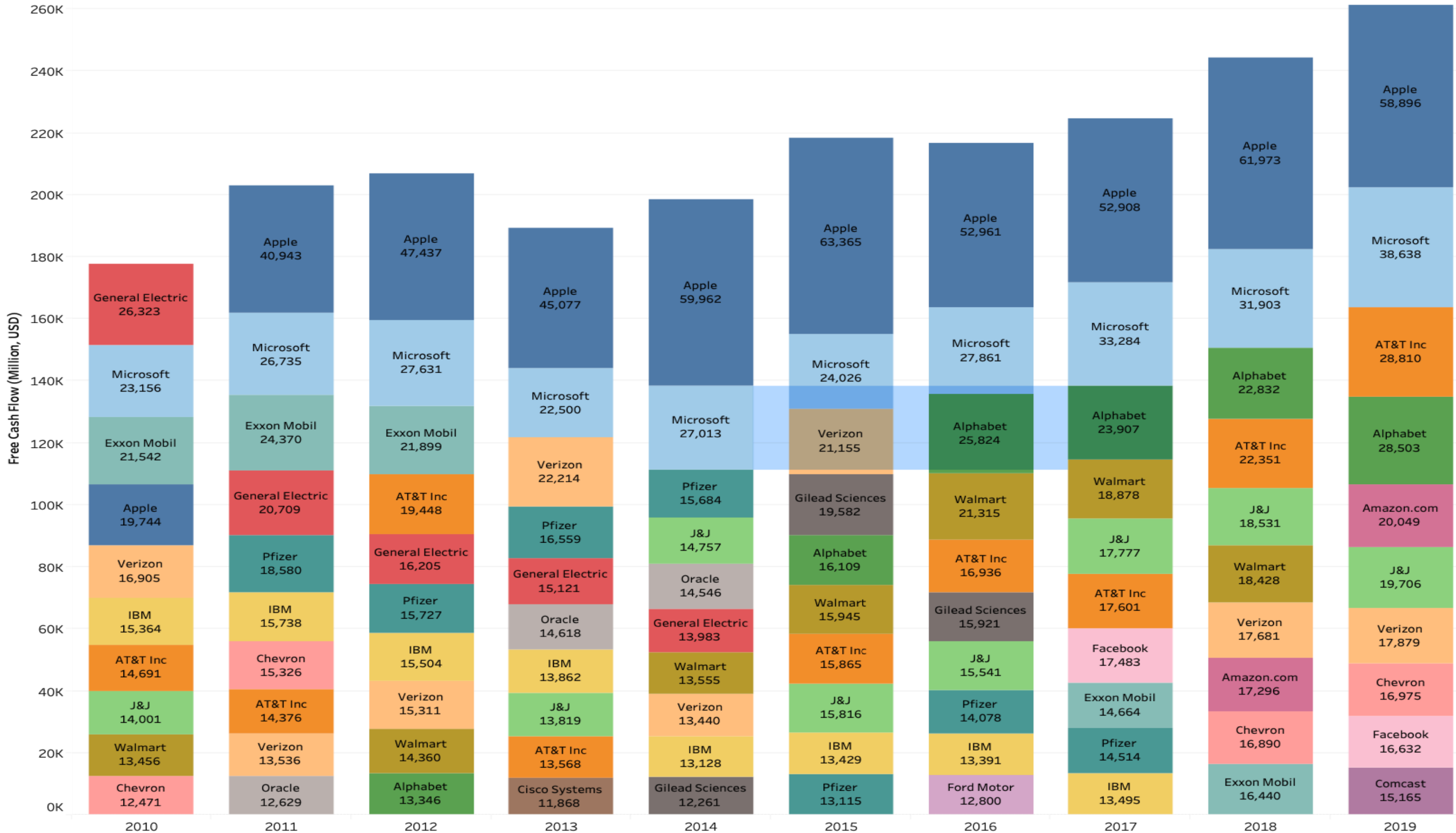
Sector Free Cash Flow Compositions for the Decade (2010-2019)

Russell 3000 Companies



Largest Companies by Free Cash Flow of the Decade (2010-2019)

Russell 3000 Companies



Past performance does not guarantee future results.

Actively Managed ETFs

Proprietary Multi-Factor Process
Active Management
Equal Weighting

Multi-Factor Quantitative Model

Investment Universe

Free Cash Flow Growth

- Cash flow remaining after capital expenditures
- Difficult to manipulate
- Best indicator of a company's financial health in our opinion

Healthy and Improving Balance Sheets

- May be a “moat” during financial downturns
- Increased leverage may be an indication a company is attempting to financially engineer earnings

Share Count Reduction

- As a shareholder of a company, we want to own a “bigger piece of the pie”
- We don't care about buybacks – only net share reduction
- Companies with Free Cash Flow and buying back stock tend to outperform companies that do not have Free Cash Flow and are buying back stock.

Investment Process

Ranking

Lowest scoring stocks are candidates for removal

Highest scoring stocks are candidates for inclusion

Active Management

Sector Allocation

Moats

Tax Consequences

Other risks and fundamentals

Weighting

We equally weight stocks at the time of purchase

TTAC usually has about 100 stocks

TTAI usually has about 85-90 stocks

Quality for the Long Run

Potential Corporate Moats:

- Free Cash Flow
- Strong Balance Sheet
- Actual “Cash” Moat
- Innovative or Disruptive Technology
- Competitive Advantage
- Leadership Position
- Brand Awareness
- Recurring Revenues

Consumer Trends

- US unemployment at historically low levels
- Rising wages and low consumer debt in the US
- Continued high levels of consumer confidence
- More cash in hand due to refinancing
- Best US consumer balance sheets in 40 years
- Household formation rising
- Emerging Chinese middle class continues to be a strong buyer of global brands

Consumer Plays

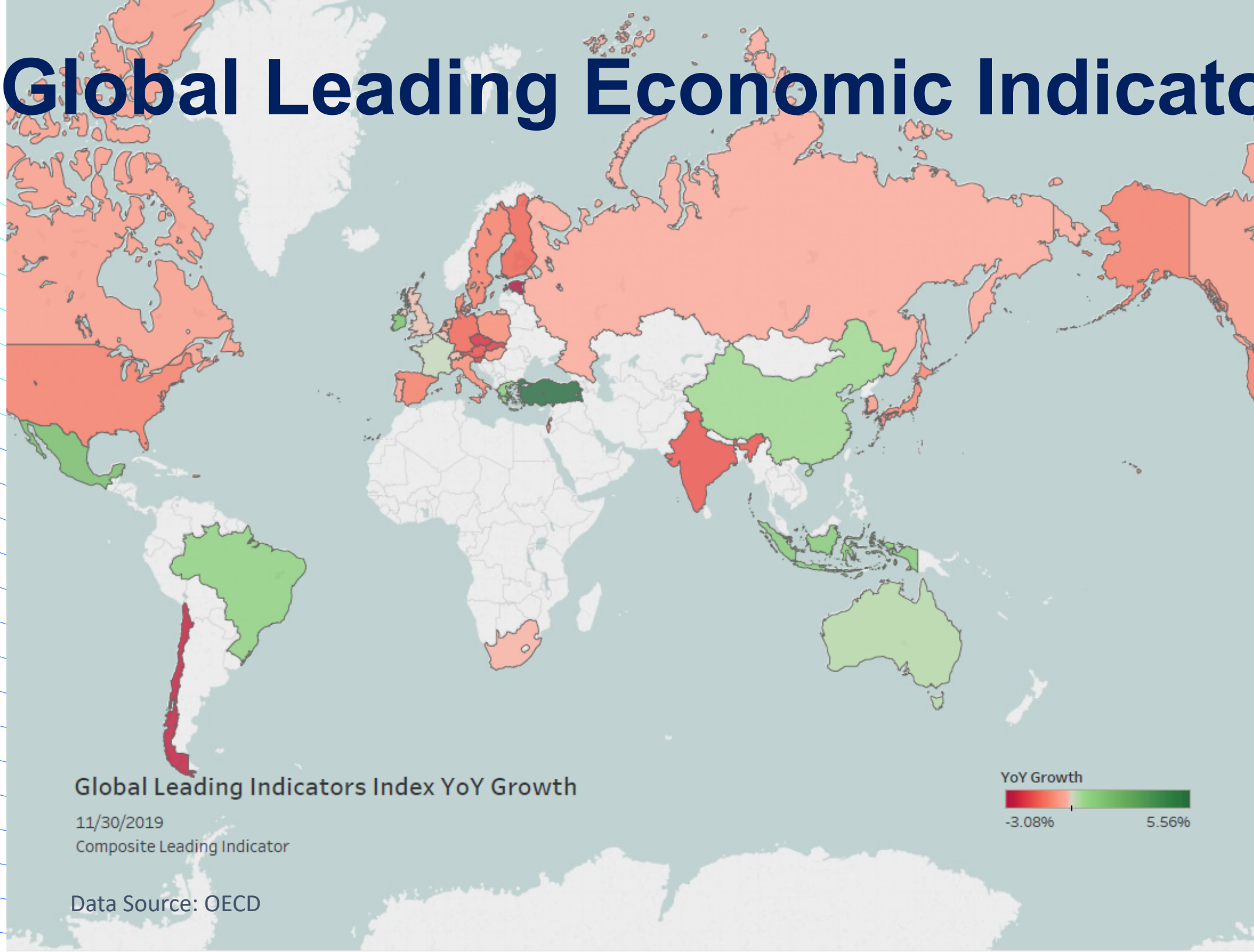
TTAC

- Amazon (AMZN)
- Nike Inc. (NKE)
- LuLulemon (LULU)
- Monster Bev (MNST)
- Sanderson Farms (SAFM)

TTAI

- Alibaba (BABA)
- Adidas (ADS.GR)
- LuLulemon (LULU)
- Dufry AG (DUFN.SW)
- Rightmove (RMV.LN)

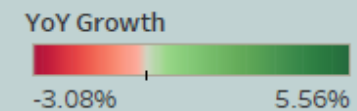
Global Leading Economic Indicators



Global Leading Indicators Index YoY Growth

11/30/2019
Composite Leading Indicator

Data Source: OECD



*Please refer to the important disclosures on the last two pages of the slideshow

Where Do We Fit Into a Portfolio?

Diversified All Cap

All weather high quality

Alternative to passive buyback ETFs

Alpha generation potential

Fund Performance

All Cap US Free Cash Flow Strategy (TTAC)

**All Cap International Free Cash Flow
Strategy (TTAI)**

TrimTabs All Cap US Free-Cash-Flow ETF (TTAC)

Inception Date: September 27th, 2016

TTAC: ~\$127 million AUM (as of 12/31/19)

- TTAC continues to experience asset growth across all channels, including independent RIAs and large regional B/Ds

QUARTER END PERFORMANCE (As of 12/31/2019)	Annualized				
	Quarter	1 Yr	2 Yr	3 Yr	Since Inception
					9/27/2016 - 12/31/2019
Fund Performance					
Market Price	6.55%	26.03%	8.69%	13.91%	15.57%
NAV	6.75%	25.95%	8.82%	14.14%	15.63%
Russell 3000 TR Index	9.10%	31.02%	11.42%	14.57%	14.92%
S&P 500 TR Index	9.07%	31.49%	12.13%	15.27%	15.34%

Expense Ratio: 0.59%. **The performance data quoted represents past performance. Past performance does not guarantee future results. The investment return and principal value of an investment will fluctuate so that an investor's shares, when sold or redeemed, may be worth more or less than their original cost and current performance may be lower or higher than the performance quoted. Performance current to the most recent month-end can be obtained by calling (toll free 800-617-0004).**

TrimTabs All Cap US Free Cash Flow ETF (TTAC)

Investment Growth of \$10,000

Time Period: 9/28/2016 to 12/31/2019



— TTAC (NAV)

16,054.9 — S&P 500 TR USD

15,968.0 — Russell 3000 TR USD

15,737.7

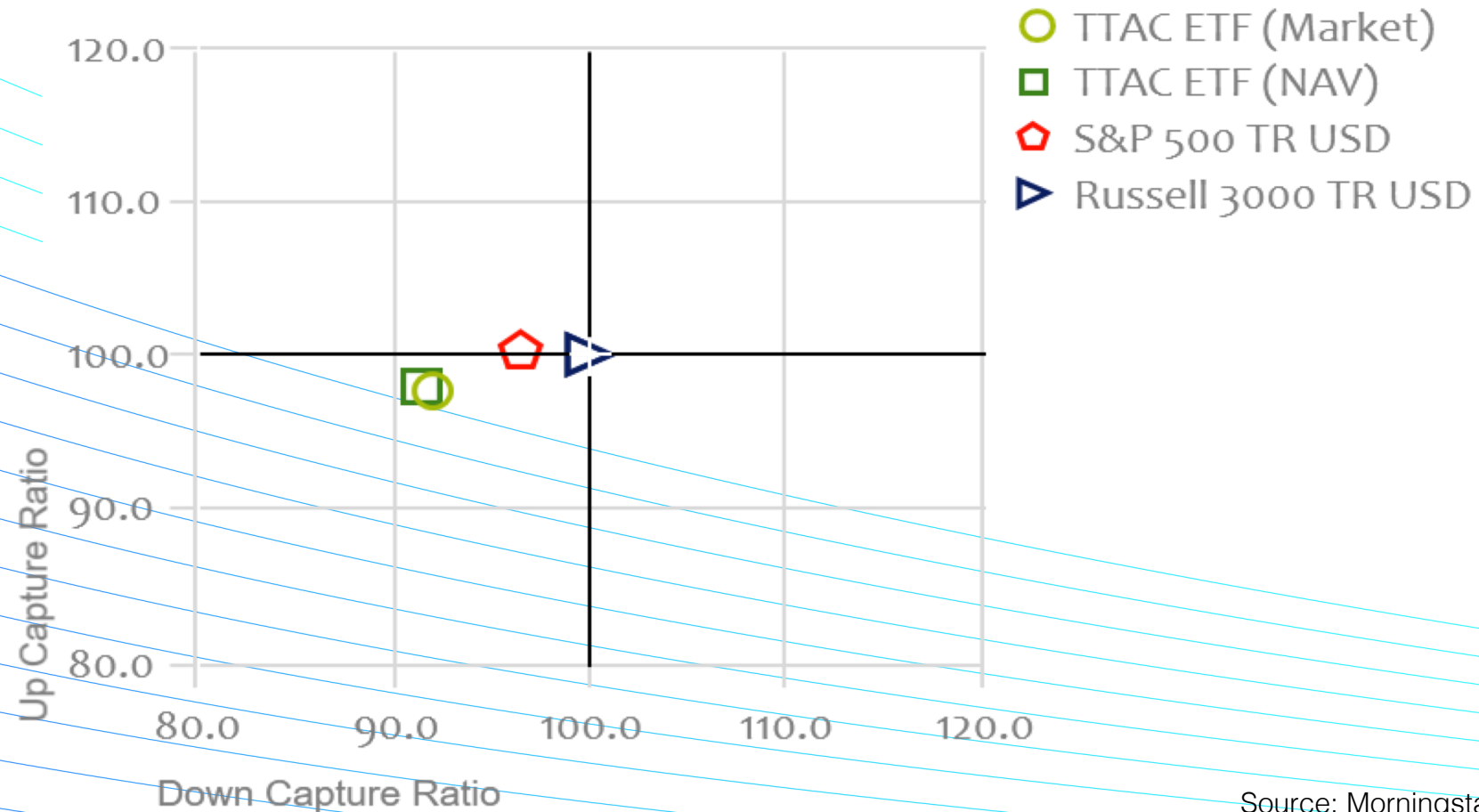


Source: Morningstar Direct

TrimTabs All Cap US Free Cash Flow ETF (TTAC)

Upside-Downside Capture

Time Period: Since Common Inception (10/1/2016) to 12/31/2019



TTAC Top Holdings

(as of 1/15/2020)

Ticker	CUSIP	Security Description	% of Net Assets
MSFT	594918104	MICROSOFT CORP	1.47
MSCI	55354G100	MSCI INC	1.44
LULU	550021109	LULULEMON ATHLETICA INC	1.41
MCO	615369105	MOODYS CORP	1.40
V	92826C839	VISA INC	1.39
ANSS	03662Q105	ANSYS INC	1.35
LDOS	525327102	LEIDOS HLDGS INC	1.31
NVDA	67066G104	NVIDIA CORP	1.31
LPLA	50212V100	LPL FINL HLDGS INC	1.23
ZTS	98978V103	ZOETIS INC	1.23

TrimTabs All Cap International Free-Cash-Flow ETF (TTAI)

Inception Date: June 28th, 2017

TTAI: ~\$13 million AUM

Investable universe includes all developed countries outside of the United States (Europe, Far East, Asia + Canada)

TTAI follows a similar investment methodology of TTAC, adjusted for foreign market dynamics

QUARTER END PERFORMANCE (As of 12/31/2019)	Quarter	1 Yr	Annualized	
			2 Yr	Annualized Since Inception 6/27/2017 - 12/31/2019
Fund Performance				
Market Price	6.99%	24.50%	1.20%	4.57%
NAV	6.69%	24.04%	1.60%	4.46%
S&P Developed Ex-U.S. BMI Index	8.61%	22.11%	1.98%	5.66%

Expense Ratio: 0.61%. **The performance data quoted represents past performance. Past performance does not guarantee future results. The investment return and principal value of an investment will fluctuate so that an investor's shares, when sold or redeemed, may be worth more or less than their original cost and current performance may be lower or higher than the performance quoted. Performance current to the most recent month-end can be obtained by calling (toll free 800-617-0004).**

TrimTabs All Cap International Free Cash Flow ETF (TTAI)

Investment Growth of \$10,000

Time Period: 6/28/2017 to 9/30/2019



Source: Morningstar Direct



TTAI Top Holdings

(as of 1/15/2020)

Ticker	CUSIP	Security Description	% of Net Assets
EWY	464286772	ISHARES INC MSCI STH KOR ETF	3.19
ADS GR	4031976	ADIDAS AG	1.52
ASML NA	B929F46	ASML HOLDING NV	1.45
DSY FP	5330047	DASSAULT SYSTEMES	1.45
RMV LN	BGDT3G2	RIGHTMOVE	1.41
SIKA SW	BF2DSG3	SIKA AG	1.39
CAE CN	2162760	CAE INC	1.38
LULU	550021109	LULULEMON ATHLETICA INC	1.37
NESN SW	7123870	NESTLE SA	1.37
NOVOB DC	BHC8X90	NOVO NORDISK A/S	1.35

Leader in Free Cash Flow Research

Free Cash Flow: An Upgrade to Management Report, February 2017

Buybacks: Do All Roads Lead to Riches, August 2018

Free Cash Flow: A Superior Investment Indicator, October 2018

As Interest Rate Rise, Check that Leverage, November 2018

Introducing the Free Cash Flow Factor, Explore Strong and Sustainable Profitability, December 2018

The Investment Performance of Zombie Firms, January 2019

The Role of Volatility in Free Cash Flow Based Portfolio Construction, February 2019

Free Cash Flow Investing During Yield Curve Inversions, March 2019

IMF Cut Forecast Scenario and Free Cash Flow Investing, March 2019

Free Cash Flow and IPO Performance, April 2019

Enhanced ESG Investing with Free Cash Flow Evaluation, April 2019

Nasdaq 100: Today vs. The Dotcom Bubble, May 2019

“Good” vs. “Bad” Buybacks, June 2019

Dividend Income Investing: A Free Cash Flow Perspective, July 2019

TrimTabs in the Media

Janet Johnston Goes Inside Out to Pick Tech Winners, TD Ameritrade Network, January 2019

The Best Way to Get Quality in Your Portfolio, FINSUM, February 2019

Janet Johnston on Bloomberg Daybreak Asia, BLOOMBERG, February 2019

10 Fund Managers to Watch, FINANCIAL PLANNING, March 2019

Janet Johnston Explains Why She Thinks the American Consumer is Continuing to Show Strength, Td Ameritrade Network, March 2019

Trim Tabs' Janet Johnston spotlights their All Cap U.S. Free-Cash-Flow ETF (TTAC), ETF STORE, April 2019

'Good' Vs 'Bad' Buybacks, ETF.COM, May 2019

Getting in on the buyback boom, CNBC ETF Edge, June 2019

President put 'too much lipstick' on the GDP report, CNBC, August 2019

Claman Countdown, FOX Business, August 2019

An ETF That Takes a Special 'Tack' to Sail Through Volatility, Bloomberg ETF IQ, September 2019

Janet Johnston's Outlook For Visa Post- Earnings, TD Ameritrade, October 2019

Free Cash Flow Is King: The TrimTabs ETF Approach (Podcast), Seeking Alpha, November 2019

Our People

The TrimTabs management team has broad investment management experience, with proven expertise in all areas of asset management.

Bob Shea – Chief Executive Officer and Co-Chief Investment Officer

Janet Flanders Johnston, CFA – Co-Chief Investment Officer and Portfolio Manager

Alan Rubinfeld - Director of Sales

Derin Cohen – Chief Compliance Officer

Vince (Qijun) Chen - Director of Quantitative Analysis

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Disclosures

The fund's investment objectives, risks, charges and expenses must be considered carefully before investing. The statutory and summary prospectus contains this and other important information about the investment company, and it may be obtained by calling 1-800-617-0004. Read it carefully before investing.

There is no guarantee that TTAI and TTAC will achieve their investment objectives. Investing involves risk, including the possible loss of principal. Because the Fund is an ETF (rather than a mutual fund), shares are bought and sold at market price (not NAV), may trade at a discount or premium to NAV, and are not individually redeemable. Owners of the shares may acquire those shares from the Fund and tender those shares for redemption to the Fund in Creation Unit aggregations only, consisting of 25,000 shares. Brokerage commissions will reduce returns. Investments in the Fund include risks associated with small-and mid-cap securities, which involve limited liquidity and greater volatility than large-cap securities. Returns on investments in foreign securities could be more volatile than investments in domestic securities.

Fund holdings and sector allocations are subject to change at any time and are not recommendations to buy or sell any security.

Free Cash Flow (FCF) represents the cash that a company is able to generate after accounting for capital expenditures.

The price/earnings ratio (often shortened to the P/E ratio or the PER) is the ratio of a company's stock price to the company's earnings per share.

The Standard & Poor's 500, often abbreviated as the S&P 500, or just the S&P, is an American stock market index based on the market capitalizations of 500 large companies having common stock listed on the NYSE or NASDAQ.

Standard Deviation is a measure that is used to quantify the amount of variation or dispersion of a set of data values.

Alpha is a measure of performance on a risk-adjusted basis.

Capture ratio helps you to identify robustness of the mutual fund across different phases of market rally and slump.

TTAC and TTAI are distributed by Quasar Distributors, LLC.

The Russell 3000® Index measures the performance of the 3,000 largest publicly traded U.S. companies, based on market capitalization. The Index measures the performance of approximately 98% of the total market capitalization of the publicly traded U.S. equity market. It is not possible to invest directly in an index.

The S&P Developed Ex-U.S. BMI Index is a market capitalization weighted index that defines and measures the investable universe of publicly traded companies domiciled in developed countries outside the U.S. The Developed Index is float adjusted, meaning that only those shares publicly available to investors are included in the Developed Index calculation.

It is not possible to invest directly in an index.

- IPO – Initial Public Offering
- ESG – Environmental, Social and Governance
- RIA – Registered Investment Advisor
- B/D – Broker Dealer