

Is It Time to Buy or Bail?

Second-Half 2018 Outlook

Sam Stovall July 24, 2018



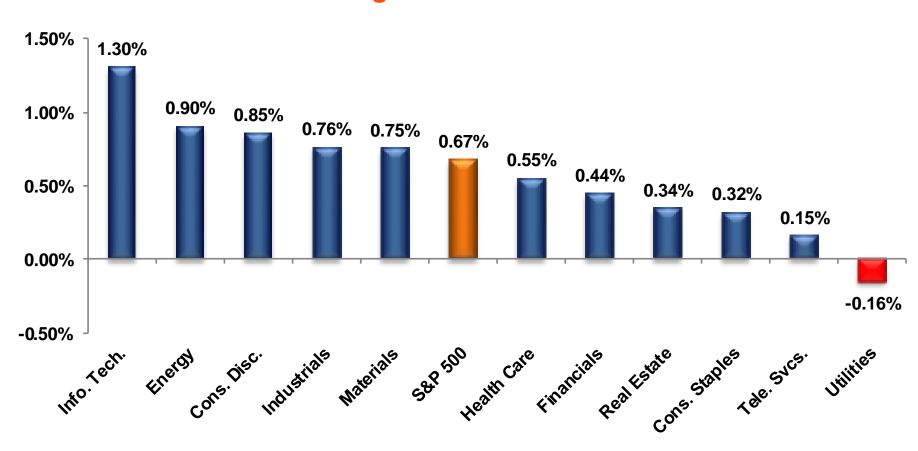
FIRST-HALF RETURNS

Small Stocks & Cyclical Groups Led the Way

Regions/Sizes/Sectors	% Chg.	Best S&P 1500 Sub-Ind.	% Chg.
Consumer Discretionary	9.9	Internet & Direct Marketing Retail	48.0
Information Technology	9.9	Department Stores	31.9
S&P SmallCap 600	8.7	Application Software	27.5
Energy	6.0	Marine	26.1
S&P MidCap 400	2.7	Footwear	24.3
Health Care	2.5	Home Entertainment Software	23.6
S&P Composite 1500	2.0	Education Services	18.8
S&P 500	1.7	Health Care Facilities	17.2
S&P Equal Weight 500	8.0	Worst S&P 1500 Sub-Ind.	% Chg.
Real Estate	(0.3)	Airlines	(15.5)
Utilities	(0.9)	Homebuilding	(15.6)
Global 1200	(1.1)	Cable & Satellite	(16.9)
Materials	(3.5)	Motorcycle Manufacturers	(17.3)
Financials	(4.2)	Home Furnishings	(17.7)
Industrials	(4.9)	Housewares & Specialties	(19.6)
Consumer Staples	(9.4)	Tobacco	(22.0)
Telecom. Services	(10.4)	Tires & Rubber	(27.5)

SECTOR RETURNS & RISING-RATES

Average Monthly Total Returns During Months of Rising 10-Year Yields



THE WALL OF WORRY

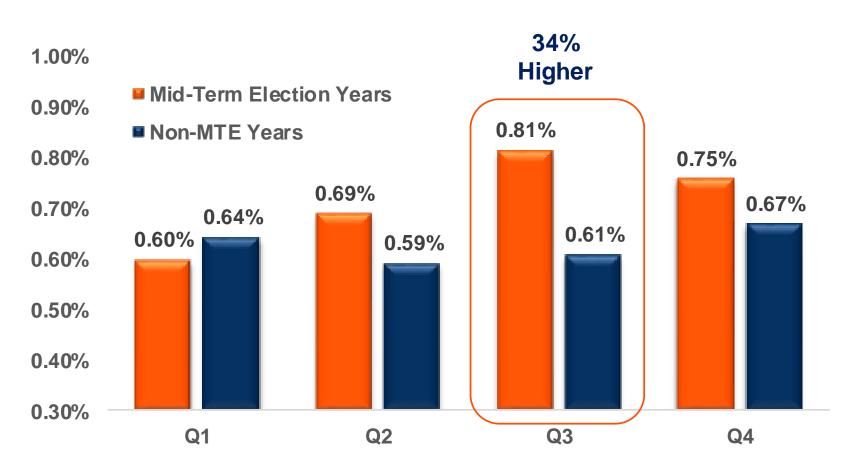
INVESTOR FEARS:

- Inflation is ready to explode
- Interest rates are preparing to go parabolic
- The economic expansion is getting overheated
- The brewing trade war will trigger a global recession
- This stock market correction will morph into a bear market

Source: CFRA.

AN EXPECTED ACCELERATION OF VOLATILITY

Average Daily S&P 500 Price Volatility



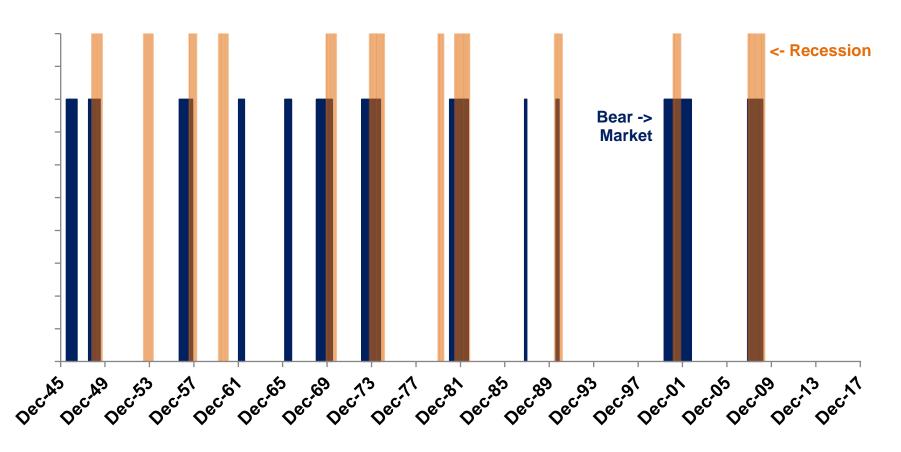
THE UNCERTAINTY IMPACT

S&P 500 Price Change May-Oct of Midterm Election Years



RECESSIONS & BEAR MARKETS

Two Out of Three Bear Markets Since WWII Have Been Accompanied by Recession



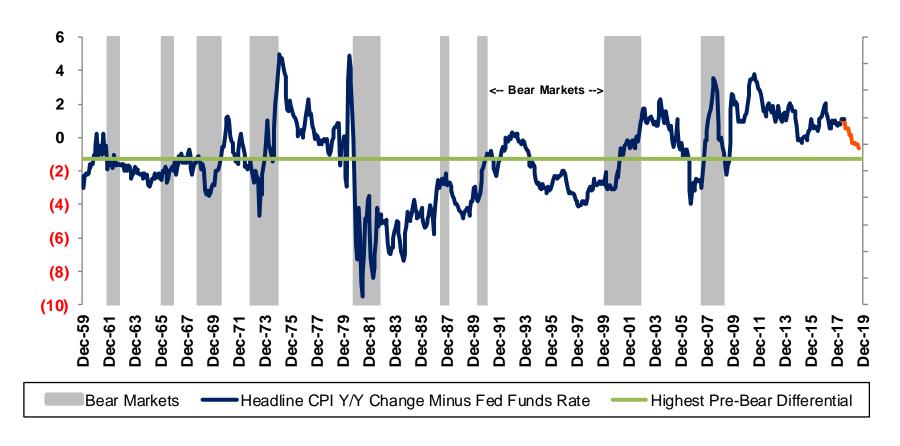
RECESSION INDICATORS

Low Readings Up to Three Months Prior to the Recession's Start

	Year-Over-Year % Change in		Yield Curve
Recession	Housing	Consumer	(10 Year Bond-
Dates	Starts	Sentiment	Two-Year Note)
4/60-2/61	(32)		(0.3)
12/69-11/70	(25)		(8.0)
11/73-3/75	(33)		(1.4)
1/80-7/80	(27)	(22)	(1.2)
7/81-11/82	(18)	19	(1.4)
7/90-3/91	(18)	(4)	(0.0)
3/01-11/01	(10)	(19)	(0.1)
12/07-9/09	(37)	(18)	0.2
Average	(25)	(9)	(0.6)
Latest Data	(4.2)	4.0	0.30

BEAR MARKET INDICATOR

No Bear Market Since 1960 Ever Started with the Y/Y CPI - Fed Funds Differential this High.



CFRA TARGETS

Economic, Fundamental, and Price Forecasts

INDICATOR	2018E	2019E
S&P 500 12-Month Target:	30	00
Global GDP Growth:	3.9%	4.0%
U.S Real GDP Growth (Q4vQ4):	3.1%	2.8%
Core CPI Y/Y (Dec./Dec.):	2.3%	2.5%
Fed Funds Rate:	1.85%	2.81%
10-Year Yield:	2.95%	3.40%
WTI Oil Prices:	\$67	\$73
FRB Major \$ Index:	88.6	89.7
S&P 500 Revenue Growth:	8%	4%
S&P 500 EPS Growth:	21%	10%

Source: CFRA, S&P DJ Indices. Data as of 7/13/2018.

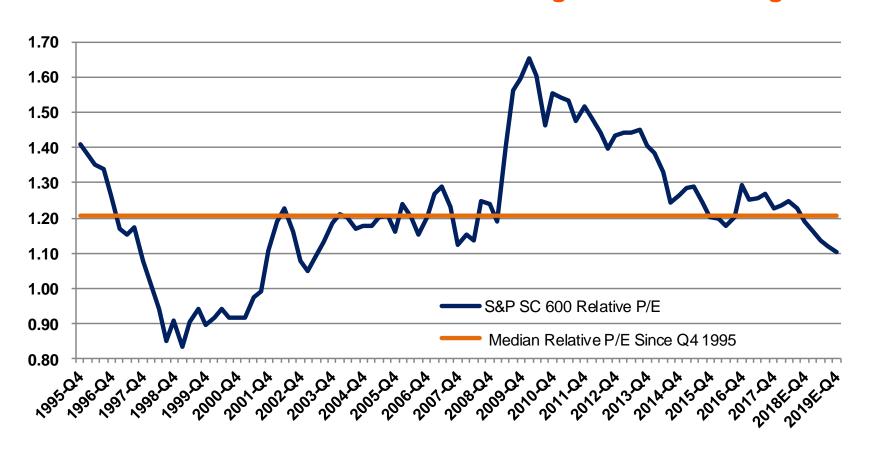
BENCHMARK EXPECTATIONS

Comparative EPS Growth Expectations, P/Es & Yields

	2018E		2019E		
Global Market	EPS % Chg	P/E	EPS % Chg.	P/E	
S&P 500	21.2	17.5	10.1	11.9	
S&P MidCap 400	23.9	18.5	13.5	17.9	
S&P SmallCap 600	34.0	21.0	19.3	9.8	
S&P Developed Ex-U.S. BM	I 5.0	14.4	9.1	13.2	
S&P Emerging BMI	11.9	12.7	13.4	11.2	

DO SMALL CAPS HAVE FURTHER TO RISE?

P/Es of the S&P SmallCap 600 Index Relative to the S&P 500 are Below Their Long-Term Average



CFRA PORTFOLIOS: Industry Momentum

MARKETSCOPE ADVISOR STOVALL | SETTINGS | CLIENT ADMIN



HOME STOCKS ETFS FUNDS BONDS OPTIONS | PORTFOLIO ANALYSIS ALERTS WATCHLISTS

Q Search by ticker

			Y	TD	1	YR	3	YR	
Market Movers			CFRA		CFRA		CFRA		
Broker Views & News	Portfolio 🛆								Performance As of *
Research Notes	> Contrarian ETF	ETF Portfolio	▲ 0.48%	-0.43%	▼ -0.04%	10.73%	▲ 2.87%	7.96%	06/30/2018
Trends & Ideas	> Fair Value	Equity	▼ -2.13%	1.48%	▼ -0.44%	11.45%	▲ 1.08%	9.75%	06/30/2018
Portfolios	Focus Stock of the Week	Equity	▲ 1.02%	1.48%	▲ 0.59%	11.45%	▼ -3.26%	9.75%	06/30/2018
Street Talk	→ Global Large Cap Diversified ETF	ETF Portfolio	▲ 1.08%	-0.43%	▲ 2.36%	10.73%	▲ 3.16%	7.96%	06/30/2018
Technical Analysis	→ High-Quality Capital Appreciation	Equity	▼ -2.24%	1.48%	▼ -6.40%	11.45%	▲ 0.74%	9.75%	06/30/2018
Sectors	> Industry Momentum	Equity	▲ 1.52%	1.48%	▲ 8.37%	11.45%	▲ 3.55%	9.75%	06/30/2018
Investment Strategy	> Investment Ideas	ETF Portfolio	▼ -2.87%	1.48%	▼ -2.26%	11.45%	▼ -2.17%	9.75%	06/30/2018
Morning Briefing	Mid-Year Powerpicks	Equity	▼ -0.94%	1.48%	▼ -0.33%	11.45%	▼ -4.76%	9.75%	06/30/2018
Economy Watch	> <u>Platinum</u>	Equity	▼ -5.78%	1.48%	▼ -6.62%	11.45%	▼ -2.00%	9.75%	06/30/2018
Focus Stock of the Week	> Powerpicks	Equity	▼ -3.38%	1.48%	▼ -3.28%	11.45%	▼ -3.53%	9.75%	06/30/2018
Indices	> Small/Mid-Cap Growth	Equity	▼ -1.71%	4.01%	▲ 0.99%	13.17%	▼ -7.98%	9.87%	06/30/2018
The Outlook	→ Top Ten	Equity	▼ -5.50%	1.48%	▼ -4.52%	11.45%	▼ -6.38%	9.75%	06/30/2018
Page Index	> Total Return	Equity	▼ -6.20%	1.48%	▲ 0.26%	11.45%	▲ 1.43%	9.75%	06/30/2018
	> Warren Buffett (Intrinsic Value)	Equity	▲ 2.18%	1.48%	▲ 4.11%	11.45%	▲ 2.05%	9.75%	06/30/2018

CFRA PORTFOLIOS: Industry Momentum 6/30/18

SECTOR	CURRENT PORTFOLIO	TICKER	STARS
Cons. Disc.	Apparel, Accessories & Luxury Goods	TPR	4
	Department Stores	М	4
	General Merchandise Stores	DG	4
Cons. Staples	Distillers & Vintners	STZ	5
•	Food Distributors	SYY	3
	Personal Products	EL	4
Energy	Oil & Gas Refining & Marketing	VLO	4
Health Care	Health Care Supplies	COO	4
	Managed Health Care	AET	5
Industrials	Aerospace & Defense	LMT	5
	Diversified Support Services	CTAS	4
	Trading Companies & Distributors	URI	5
	Trucking	JBHT	4
Info. Tech.	Application Software	CTXS	4
	Communications Equipment	CSCO	4
	Data Processing & Outsourced Services	V	3
	Electronic Equipment & Instruments	FLIR	3
	Internet & Direct Marketing Retail	AMZN	4
Materials	Commodity Chemicals	LYB	5
	Copper	FCX	5
Real Estate	Real Estate Services	CGB	3
Utilities	Independent Power Producers & Energy Traders	AES	4

14

BEST & WORST SIX MONTHS

"Sell in May" vs "The Cyclical Six"

	Average				
	Price	Freq. of			
Period	Change	Advance			
JanJun.	4.0%	68%			
FebJul.	3.9%	71%			
MarAug.	3.9%	69%			
AprSep.	2.1%	63%			
May-Oct.	1.4%	64%			
JunNov.	2.5%	65%			
JulDec.	4.3%	69%			
AugJan.	4.2%	68%			
SepFeb.	4.4%	67%			
OctMar.	6.4%	69%			
NovApr.	6.6%	76%			
DecMay	5.6%	72%			
Averages	4.1%	69%			

WHY?: ANECDOTAL REASONING

It's a Matter of Capital Inflows and Market Movements

May Through October

- Investors focus more on their tans than their portfolios.
- Q3 and September are the most challenging of the year.
- Investors more forgiving of early, but not late, of EPS misses
- October is known as a "capitulation" month.
 - 5 of last 10 bears ended in October
 - The 2011 near-bear ended in October
- Above average EPS beats for defensive sectors.

November Through April

- The weak Q3 return sets the market up nicely.
- Above average Q4 & Q1 EPS beats for the cyclical sectors.
- "Santa Claus" rally reflects investors' seasonal optimism.
- Q1 sees strong payroll and money flows
 - Bonuses are paid early in the year
 - 401(k)s typically get maxed out early
 - IRAs need to be funded by mid-April
 - Overpaid tax returns tend to get filed early

Source: CFRA.

BEST & WORST SIX MONTHS: OTHER BENCHMARKS

"Sell in May" vs "The Cyclical Six" Since 1990

	S&P E	.W. 500	S&P SmallCap 600*		S&P Glo	bal 1200*
	Price	Freq. of	Price	Freq. of	Price	Freq. of
Period	Change	Advance	Change	Advance	Change	Advance
JanJun.	5.3%	72%	5.7%	83%	3.2%	70%
FebJul.	5.7%	72%	6.6%	74%	4.9%	78%
MarAug.	4.6%	61%	5.7%	65%	3.3%	61%
AprSep.	2.3%	68%	4.3%	61%	1.7%	57%
May-Oct.	1.0%	71%	2.6%	65%	0.7%	70%
JunNov.	1.4%	61%	3.4%	64%	2.3%	74%
JulDec.	4.5%	68%	5.3%	68%	3.9%	64%
AugJan.	4.7%	75%	4.9%	77%	2.5%	64%
SepFeb.	6.5%	79%	6.6%	77%	4.6%	73%
OctMar.	8.7%	86%	8.4%	77%	6.2%	86%
NovApr.	9.5%	89%	9.2%	91%	6.5%	82%
DecMay	8.7%	96%	7.6%	86%	4.8%	73%
Averages	5.3%	75%	5.9%	74%	3.8%	71%

DON'T RETREAT, ROTATE! RETURNS SINCE INCEPTION

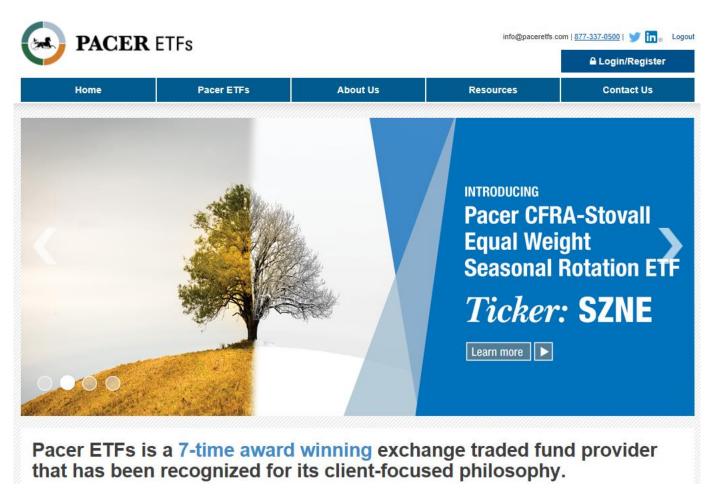
Defensive Sectors May-October; Cyclical Sectors November-April

	CAGR	Beat	Standard	
Indices	(Price)	Benchmark?	Deviation	YTD
S&P 500	7.9	NA	15.4	4.80
Seasonal Rotation Large Cap.	13.5	69%	15.2	4.54
S&P EW 500	9.5	NA	16.2	3.06
Seasonal Rotation Equal Weight	15.7	76%	15.6	3.24
S&P SmallCap 600*	10.6	NA	14.7	12.79
Seasonal Rotation SmallCap*	14.2	67%	14.8	14.92
S&P Global 1200*	5.9	NA	15.7	1.31
Seasonal Rotation Global*	11.5	67%	14.8	4.58

http://www.customindices.spindices.com/custom-index-calculations/cfra/all

SEASONAL ROTATION STRATEGY

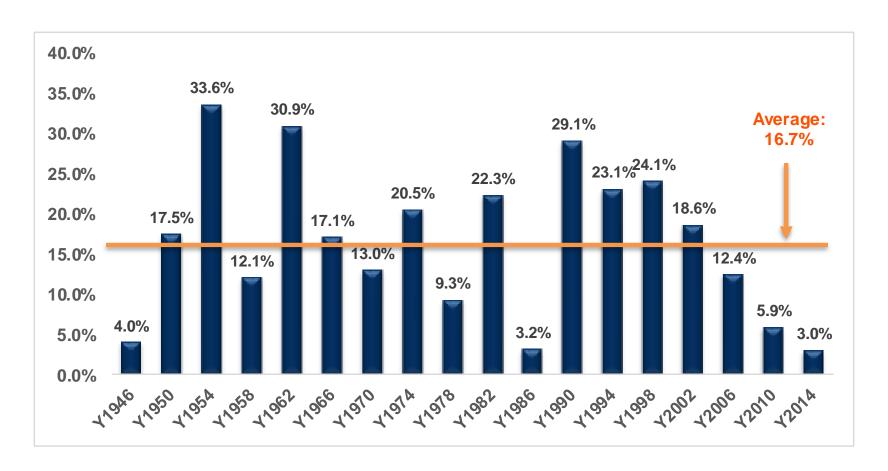
Pacer ETFs.com



Source: CFRA, PacerETFs.com.

THE POST-ELECTION POP

S&P 500 Price Returns Following Mid-Term Elections



CLIMBING THE WALL OF WORRY

CFRA EXPECTATIONS:

- Inflation should peak in August and moderate in coming quarters
- The Fed will raise rates two more times in 2018 and 3X in 2019.
- The economic expansion is not getting overheated
- The trade sanctions will not likely morph into a full-blown war
- Small caps & the Nasdaq hint at a new high for the S&P 500

Source: CFRA.



Client Services: +1 212.981.1062 cservices@cfraresearch.com

The content of this presentation and the opinions expressed herein are those of CFRA based upon publicly-available information that CFRA believes to be reliable and the opinions are subject to change without notice. This analysis has not been submitted to, nor received approval from, the United States Securities and Exchange Commission or any other regulatory body. While CFRA exercised due care in compiling this analysis, CFRA AND ALL RELATED ENTITIES SPECIFICALLY DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, to the full extent permitted by law, regarding the accuracy, completeness, or usefulness of this information and assumes no liability with respect to the consequences of relying on this information for investment or other purposes. No content (including ratings, credit-related analyses and data, valuations, model, software or other application or output therefrom) or any part thereof (Content) may be modified, reverse engineered, reproduced or distributed in any form by any means, or stored in a database or retrieval system, without the prior written permission of CFRA. The Content shall not be used for any unlawful or unauthorized purposes. CFRA and any third-party providers, as well as their directors, officers, shareholders, employees or agents do not guarantee the accuracy, completeness, timeliness or availability of the Content.

CFRA's financial data provider is S&P Global Market Intelligence. THIS DOCUMENT CONTAINS COPYRIGHTED AND TRADE SECRET MATERIAL DISTRIBUTED UNDER LICENSE FROM S&P GLOBAL MARKET INTELLIGENCE. FOR RECIPIENT'S INTERNAL USE ONLY.

Certain information in this presentation is provided by S&P Global, Inc. and/or its affiliates and subsidiaries (collectively "S&P Global"). Such information is subject to the following disclaimers and notices: "Copyright © 2018, S&P Global Market Intelligence (and its affiliates as applicable). All rights reserved. Nothing contained herein is investment advice and a reference to a particular investment or security, a credit rating or any observation concerning a security or investment provided by S&P Global is not a recommendation to buy, sell or hold such investment or security or make any other investment decisions. This may contain information obtained from third parties, including ratings from credit ratings agencies. Reproduction and distribution of S&P Global's information and third party content in any form is prohibited except with the prior written permission of S&P Global or the related third party, as applicable. Neither S&P Global nor its third party providers guarantee the accuracy, completeness, timeliness or availability of any information, including ratings, and are not responsible for any errors or omissions (negligent or otherwise), regardless of the cause, or for the results obtained from the use of such information or content. S&P GLOBAL AND ITS THIRD PARTY CONTENT PROVIDERS GIVE NO EXPRESS OR IMPLED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE AND ALL S&P INFORMATION IS PROVIDED ON AN AS-IS BASIS. S&P GLOBAL AND ITS THIRD PARTY CONTENT PROVIDERS SHALL NOT BE LIABLE FOR ANY DIRECT, INCIDENTAL, EXEMPLARY, COMPENSATORY, PUNITIVE, SPECIAL OR CONSEQUENTIAL DAMAGES, COSTS, EXPENSES, LEGAL FEES, OR LOSSES (INCLUDING CONTENT, INCLUDING OR PROFITS AND OPPORTUNITY COSTS OR LOSSES CAUSED BY NEGLIGENCE) IN CONNECTION WITH ANY USE OF THEIR INFORMATION OR CONTENT, INCLUDING RATINGS. Credit ratings are statements of opinions and are not statements of fact or recommendations to purchase, hold or sell securities. They do not address

CFRA, CFRA Accounting Lens, CFRA Legal Edge, CFRA Score, and all other CFRA product names are the trademarks, registered trademarks, or service marks of CFRA or its affiliates in the United States and other jurisdictions. CFRA Score may be protected by U.S. Patent No. 7,974,894 and/or other patents. Copyright © 2018 CFRA. All rights reserved.

CFRA

Disclosures

S&P GLOBAL™ is used under license. The owner of this trademark is S&P Global Inc. or its affiliate, which are not affiliated with CFRAR esearch or the author of this content.

This content is published and originally distributed by Accounting Research & Analytics, LLC d/b/a CFRA ("CFRAUS"), with the following exceptions: In the UK/EU/EEA, it is published and originally distributed by CFRAUK Limited (company number 08456139 registered in England & Wales with its registered office address at PO Box 698, Titchfield House, 69-85 Tabernade Street, London, EC2A 4RR, United Kingdom, which is regulated by the Financial Conduct Authority (No. 775151), and in Malaysia by Standard & Poor's Malaysia Sdn. Bhd ("CFRAMalaysia"), a wholly-owned subsidiary of CFRA US. CFRA Malaysia is regulated by Securities Commission Malaysia, (No. CMSL/A0181/2007). These parties and their subsidiaries maintain no responsibility for reports redistributed by third parties such as brokers or financial advisors.

The content of this presentation and the opinions expressed herein are those of CFRA based upon publicly-available information that CFRA believes to be reliable and the opinions are subject to change without notice. This analysis has not been submitted to, nor received approval from, the United States Securities and Exchange Commission or anyother regulatory body. While CFRA exercised due care in compiling this analysis, CFRAAND ALL RELATED ENTITIES SPECIFICALLY DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, to the full extent permitted by law, regarding the accuracy, completeness, or usefulness of this information and assumes no liability with respect to the consequences of relying on this information for investment or other purposes. No content (including ratings, credit-related analyses and data, valuations, model, software or other application or output therefrom) or any part thereof (Content) may be modified, reverse engineered, reproduced or distributed in any form by any means, or stored in a database or retrieval system, without the prior written permission of CFRA. The Content shall not be used for any unlawful or unauthorized purposes. CFRA and anythird-party providers, as well as their directors, officers, shareholders, employees or agents do not guarantee the accuracy, completeness, timeliness or availability of the Content.

Past performance is not necessarily indicative of future results.

This document may contain forward-looking statements or forecasts; such forecasts are not a reliable indicator of future perform ance.

This report is not intended to, and does not, constitute an offer or solicitation to buy and sell securities or engage in any investment activity. This report is for informational purposes only. Recommendations in this report are not made with respect to any particular investor or type of investor. Securities, financial instruments or strategies mentioned herein may not be suitable for all investors and this material is not intended for any specific investor and does not take into account an investor's particular investment objectives, financial situations or needs. Before acting on any recommendation in this material, you should consider whether it is suitable for your particular circumstances and, if necessary, seek professional advice.

Additional information on a subject company may be available upon request.

CFRA's financial data provider is S&P Global Market Intelligence. THIS DOCUMENT CONTAINS COPYRIGHTED AND TRADE SECRET MATERIAL DISTRIBUTED UNDER LICENSE FROM S&P GLOBAL MARKET INTELLIGENCE. FOR RECIPIENT'S INTERNAL USE ONLY.

The Global Industry Classification Standard (GICS®) was developed by and/or is the exclusive property of MSCI, Inc. and S&P Global Market Intelligence. GICS is a service mark of MSCI and S&P Global Market Intelligence and has been licensed for use by CFRA.

Certain information in this presentation is provided by S&P Global, Inc. and/or its affiliates and subsidiaries (collectively "S&P Global"). Such information is subject to the following disclaimers and notices: "Copyright@ 2018, S&P Global Market Intelligence (and its affiliates as applicable). All rights reserved. Nothing contained herein is investment advice and a reference to a particular investment or security, a credit rating or any observation concerning a security or investment provided by S&P Global is not a recommendation to buy, sell or hold such investment or security or make any other investment decisions. This may contain information obtained from third parties, including ratings from credit rating gagencies. Reproduction and distribution of S&P Global's information any form is prohibited except with the prior written permission of S&P Global or the related third party, as applicable. Neither S&P Global nor its third party providers guarantee the accuracy, completeness, timeliness or availability of any information, including ratings, and are not responsible for any errors or omissions (negligentor otherwise), regardless of the cause, or for the results obtained from the use of such information or content. S&P GLOBAL AND ITS THIRD PARTY CONTENT PROVIDERS GIVE NO EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE AND ALL S&P INFORMATION IS PROVIDED ON AN AS-IS BASIS. S&P GLOBAL AND ITS THIRD PARTY CONTENT PROVIDERS SHALL NOT BE LIABLE FOR ANY DIRECT, INCIDENTAL, EXEMPLARY, COMPENS ATTORY, PUNITIVE, SPECIAL OR CONSEQUENTIAL DAMAGES, COSTS, EXPENSES, LEGAL FEES, OR LOSSES (INCLUDING RATINGS). Credit ratings are statements of o pinions and are not statements of fact or recommendations to purchase, hold or sell securities. They do not address the suitability of securities or the suitability of securities for investment purposes, and should not be relied on as investment advice."

Any portions of the fund information contained in this presentation supplied by Lipper, A Thomson Reuters Company, are subject to the following: "Copyright 2018 © Thomson Reuters. All rights reserved. Lipper shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon."

Copyright © 2018 CFRA. All rights reserved. CFRA and STARS are registered trademarks of CFRA.

CFRA Stovall Custom Indices Disclosures

S&P GLOBAL™ is used under license. The owner of this trademark is S&P Global Inc. or its affiliate, which are not affiliated with CFRA Research or the author of this content. Each CFRA Stovall Custom Index ("Index") is the property of CFRA, which has contracted with S&P Opco, LLC (a subsidiary of S&P Dow Jones Indices LLC) to calculate and maintain the Index. The Index is not sponsored by S&P Dow Jones Indices or its affiliates or its third party licensors (collectively, "S&P Dow Jones Indices"). S&P Dow Jones Indices will not be liable for any errors or omissions in calculating the Index. "Calculated by S&P Dow Jones Indices" and the related stylized mark(s) are service marks of S&P Dow Jones Indices and have been licensed for use by CFRA. S&P® is a registered trademark of Standard & Poor's Financial Services LLC ("SPFS"), and Dow Jones® is a registered trademark of Dow Jones Trademark Holdings LLC ("Dow Jones"). Products based on the Index are not sponsored, endorsed, sold or promoted by S&P Dow Jones Indices. S&P Dow Jones Indices does not make any representation or warranty, express or implied, to the owners of such products or any member of the public regarding the advisability of investing in securities generally or in the products particularly or the ability of the Index to track general market performance. S&P Dow Jones Indices' only relationship to CFRA with respect to the Index is the licensing of the underlying S&P Index, certain trademarks, service marks and trade names of S&P Dow Jones Indices, and the provision of the calculation services related to the Index.

CFRA may license certain intellectual property or provide services to, or otherwise have a business relationship with, certain issuers of securities and financial instruments that are the subject of CFRA research reports and materials, including exchange-traded investments whose investment objective is to substantially replicate the returns of an Index. In cases where CFRA is paid fees that are tied to the amount of assets invested in a fund or the volume of trading activity in a fund, investment in the fund may result in CFRA receiving compensation in addition to the subscription fees or other compensation for services rendered by CFRA, however, no part of CFRA's compensation for services is tied to any recommendation or rating.

It is not possible to invest directly in an Index. Exposure to an asset class represented by an Index is available through investable instruments based on that Index. CFRA makes no assurance that investment products based on an Index will accurately track performance or provide positive investment returns. Past performance of an Index is not an indication or guarantee of future results. This material may contain forward-looking statements or forecasts; such forecasts are not a reliable indicator of future performance.

CFRA is not an investment advisor, and makes no representation regarding the advisability of investing in any such investment fund or other investment vehicle. This document is not an offer or solicitation to buy and sell securities or engage in any investment activity, or a recommendation to do or refrain from doing the same. This material is only for informational purposes and is based upon information generally available to the public and from sources believed to be reliable but CFRA does not guarantee that such information is accurate, complete or timely. Information and statements contained herein do not take into account the particular investment objectives, financial or tax situations or needs of any investor, or the suitability of any securities, financial instruments or strategies for any investor. Before acting on any material herein, readers should seek professional advice.

Certain information in this presentation provided by S&P Global, Inc. and/or its affiliates and subsidiaries (collectively "S&P Global") is subject to the following disclaimers and notices: "Copyright © 2018, S&P Global Market Intelligence (and its affiliates as applicable). All rights reserved. Nothing contained herein is investment advice and a reference to a particular investment or security, a credit rating or any observation concerning a security or investment provided by S&P Global is not a recommendation to buy, sell or hold such investment or security or make any other investment decisions. This may contain information obtained from third parties, including ratings from credit ratings agencies. Reproduction and distribution of S&P Global's information and third party content in any form is prohibited except with the prior written permission of S&P Global or the related third party, as applicable. Neither S&P Global nor its third party providers guarantee the accuracy, completeness, timeliness or availability of any information, including ratings, and are not responsible for any errors or omissions (negligent or otherwise), regardless of the cause, or for the results obtained from the use of such information or content. S&P GLOBAL AND ITS THIRD PARTY CONTENT PROVIDERS GIVE NO EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE AND ALL S&P INFORMATION IS PROVIDED ON AN AS-IS BASIS. S&P GLOBAL AND ITS THIRD PARTY CONTENT PROVIDERS SHALL NOT BE LIABLE FOR ANY DIRECT, INCIDENTAL, EXEMPLARY, COMPENSATORY, PUNITIVE, SPECIAL OR CONSEQUENTIAL DAMAGES, COSTS, EXPENSES, LEGAL FEES, OR LOSSES (INCLUDING LOST INCOME OR PROFITS AND OPPORTUNITY COSTS OR LOSSES CAUSED BY NEGLIGENCE) IN CONNECTION WITH ANY USE OF THEIR INFORMATION OR CONTENT, INCLUDING RATINGS. Credit ratings are statements of opinions and are not statements of fact or recommendations to purchase, hold or sell securities. They do not address the suitability of securit

The Global Industry Classification Standard (GICS®) was developed by and/or is the exclusive property of MSCI, Inc. and S&P Global Market Intelligence. GICS is a service mark of MSCI and S&P Global Market Intelligence and has been licensed for use by CFRA.

Any portions of the fund information contained in this report supplied by Lipper, A Thomson Reuters Company, are subject to the following: "Copyright 2017 © Thomson Reuters. All rights reserved. Lipper shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon.

Copyright © 2018 Accounting Research & Analytics LLC dba CFRA. All rights reserved. Redistribution or reproduction in whole or in part are prohibited without CFRA's written permission. This material is published and originally distributed by Accounting Research & Analytics, LLC d/b/a CFRA ("CFRA US"), with the following exceptions: In the UK/EU/EEA, it is published and originally distributed by CFRA UK Limited (company number 08456139 registered in England & Wales with its registered office address at PO Box 698, Titchfield House, 69-85 Tabernacle Street, London, EC2A 4RR, United Kingdom, which is regulated by the Financial Conduct Authority (No. 775151), and in Malaysia by CFRA MY Sdn Bhd (formerly known as Standard & Poor's Malaysia Sdn Bhd) Company No. 683377-A and regulated by Securities Commission Malaysia, No. CMSL/A0181/2007 ("CFRA Malaysia").

Source: CFRA.