Report Date: 2021-Jan-24

Avg Daily Vol 52-Week High Trailing PE ROE LTG Forecast Last Close Annual Div 1-Mo Return 30.85 (EUR) 138,614 35.75 154.3 -12.3% 0.8% 2021 January 22 Market Cap 52-Week Low Annual Rev Inst Own 3-Mo Return Forward PE Dividend Yield **EURONEXT AMSTERDAM** 1.9B 10.52 458M 68.1% 36.2% Exchange

# **AVERAGE SCORE**

**NEGATIVE OUTLOOK: BFIT is currently among** a group of 7 stocks awarded our lowest score of



Averag	e Score Trend	l (4-Week Movi	ing Avg)
9			
Α.	-A.A		
		₩ (	
			1
01	2019-01	2020-01	2021-01

						Score Averages
	ertainment S nsumer Servi		•		Mid/Sma	Il Market Cap: 5.6 AEX Index: 5.8
Peers	-6M	-3M	-1 <b>M</b>	-1W	Current	1Y Trend
SNOW	5	5	6	7	8	
AJAX	8	4	3	3	3	
BFIT	3	1	1	1	1	

NR

NR

### **HIGHLIGHTS**

2018-01

Positive

Neutral

Negative

The score for Basic Fit last changed from 2 to 1 on 2020-12-20 and has remained the same for 6 weeks.

In the past 3 years, the best score was 9 on 2018-06-17, and the worst score was 1 on 2021-01-24.

### I/B/E/S MEAN

Buy 10 Analysts

**TBIRD** 

Mean recommendation from all analysts covering the company on a standardized 5-point scale.

NR

Strong Sell Sell

NR

NR

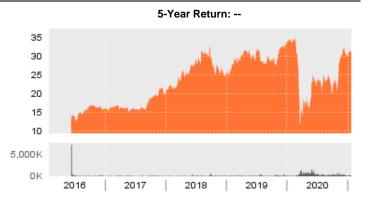




# Strong Buy

### PRICE AND VOLUME CHARTS





### **BUSINESS SUMMARY**

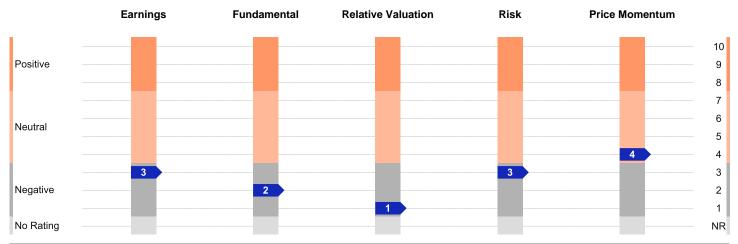
Basic-Fit NV is an operator of fitness centers based in the Netherlands. The Company operates more than 350 fitness clubs in the Netherlands, Belgium, France and Spain.

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### **INDICATOR COMPONENTS**



The **AVERAGE SCORE** combines the quantitative analysis of five widely-used investment decision making tools: Earnings, Fundamental, Relative Valuation, Risk, and Price Momentum. A simple average of the underlying component ratings is normally distributed to rank stocks on a 1-10 scale (10 being awarded to the most favorable). These factors may be evaluated differently using alternative methodologies and the importance of individual factors varies across industries, market capitalization and investment styles. Additional criteria should always by used to evaluate a stock.



PEE	RANALYSIS										Curre	ency in EUR
			PRICE	MOMENTU	JM		VALUA	TION	FUNDAM	ENTAL	ANALYS <sup>-</sup>	тѕ
Average Score	Ticker	Price (2021-01-22)	1-Mo Return	3-Mo Return	1-Yr Return	Market Cap	Trailing PE	Forward PE	Dividend Yield	Net Margin	LTG I/B/E/S Forecast Mean	# of Analysts
1	BFIT	30.85	0.8%	36.2%	-10.4%	1.9B	154.3			-9.1%	Buy	10
3	AJAX	15.92	-6.4%	0.5%	-21.6%	292M	14.1		1.6%	12.7%	Buy	1
8	SNOW	12.90	4.0%	2.4%	-19.4%	51M	11.2			0.3%		
NR	TBIRD	0.06	178.6%	178.6%	-29.7%	2M						
4	Average	14.93	44.3%	54.4%	-20.3%	549M	59.9		1.6%	1.3%	Buy	5.5

PF	FR	COL	<b>MPAN</b>	IFS
		$\mathbf{c}$		

AJAX	AFC Ajax	TBIRD	Thunderbird Resorts Inc
SNOW	SnowWorld		



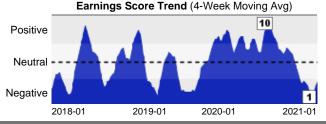
Report Date: 2021-Jan-24

Currency in EUR

# EARNINGS NEGATIVE OUTLOOK: Weak earnings with recent analyst downgrades or a history of missing consensus estimates. Earnings Score Trend (4-Week Moving Avg)

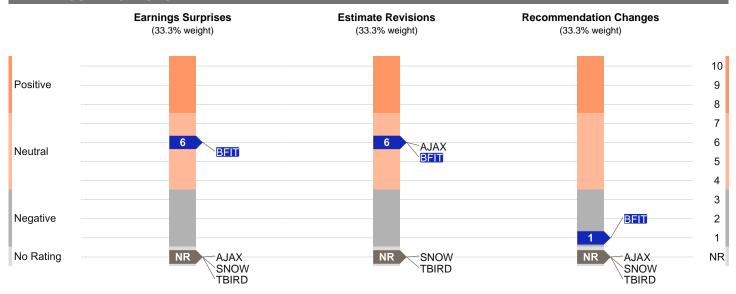
Hotels & Entertainment Svcs. Group: 3.0
Cyclical Consumer Services Sector: 3.0

Earnings Score Averages
Mid/Small Market Cap: 5.1
AEX Index: 5.4



Peers	-6M	-3M	-1M	-1W	Current	1Y Trend
BFIT	6	4	1	4	3	
AJAX	NR	NR	NR	NR	NR	
SNOW	NR	NR	NR	NR	NR	
TBIRD	NR	NR	NR	NR	NR	

### **EARNINGS INDICATORS**



Last 4 Years	
# Positive Surprises (> 2%)	2
# Negative Surprises (< -2%)	2
# In-Line Surprises (within 2%)	0
Avg Surprise	7.9%

Last 4 Weeks	
# Up Revisions	0
# Down Revisions	0
Avg Up Revisions	0.0%
Avg Down Revisions	0.0%

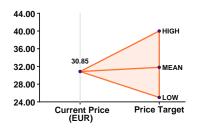
Last 120 Days	
# Broker Upgrades	0
# Broker Downgrades	2

### HIGHLIGHTS

 Basic Fit currently has an Earnings Rating of 3. The average Earnings Rating for its Leisure & Recreation industry is 3.0 and the AMSTERDAM EXCHANGE index average is 6.2.

# **PRICE TARGET**

The chart indicates where analysts predict the stock price will be within the next 12 months, as compared to the current price.



12-Month Price T	arget
Mean (EUR)	31.80
High	40.00
Low	25.00
Target vs. Current	3.1%
# of Analysts	10



Cyclical Consumer Services / Hotels & Entertainment Svcs. / Leisure & Recreation

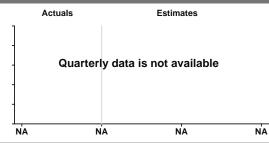
### DETAILED STOCK REPORT

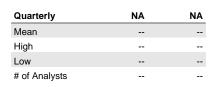
Report Date: 2021-Jan-24

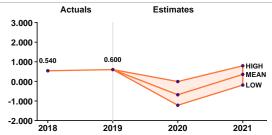
### **EARNINGS PER SHARE**

Earnings per share (EPS) is calculated by dividing a company's earnings by the number of shares outstanding. Analysts tend to interpret a pattern of increasing earnings as a sign of strength and flat or falling earnings as a sign of weakness.

The charts provide a comparison between a company's actual and estimated EPS, including the high and low forecasts.







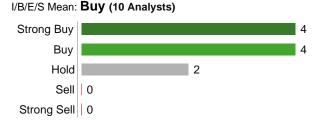
Annual	2020	2021
Mean	-0.685	0.356
High	-0.010	0.794
Low	-1.220	-0.190
# of Analysts	7	7

### **MEAN ESTIMATE TREND**

	Q 	Q 	Y 2020	Y 2021	Price Target
Current			-0.685	0.356	31.80
30 Days Ago			-0.685	0.356	31.10
90 Days Ago			-0.648	0.459	29.80
% Change (90 Days)			-5.7%	-22.4%	6.7%

Current Fiscal Year End: 20-12
Next Expected Report Date: 2021-03-09

### **ANALYST RECOMMENDATIONS**



### **EARNINGS SURPRISES**

Comparing a company's actual earnings to the mean expectation of analysts results in a difference referred to as a 'positive' or 'negative' surprise. Research has shown that when a company reports a surprise, it is often followed by more of the same surprise type.

### Surprise Summary (Last 6 Years)

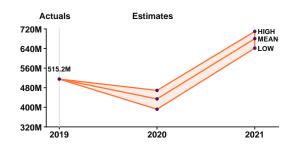
Surprise Type	Amount	Percent
Positive Years (> 2%)	2	50.0%
Negative Years (< -2%)	2	50.0%
In-Line Years (within 2%)	0	

### Surprise Detail (Last 6 Periods)

Surprise Type	Announce Date	Period End Date	Actual EPS	Mean EPS	Surprise (%)
Positive	2020-03-10	2019-12-31	0.600	0.564	6.4%
Negative	2019-03-06	2018-12-31	0.540	0.586	-7.8%
Negative	2018-03-13	2017-12-31	0.430	0.517	-16.8%
Positive	2017-03-23	2016-12-31	0.320	0.186	72.0%

### **ANNUAL REVENUE**

A pattern of increasing sales in conjunction with a rising EPS may influence a buy recommendation, while flat or falling sales and faltering earnings may explain a sell recommendation. A rising EPS with flat or falling sales may result from increased cost efficiency and margins, rather than market expansion. This chart shows the sales forecast trend of all analysts and the highest and lowest projections for the current and next fiscal year.



	2020	2021
Mean	434.1M	680.3M
High	469.0M	710.0M
Low	392.0M	641.5M
Forecasted Growth	-15.7%	32.0%
# of Analysts	7	7



Report Date: 2021-Jan-24

### **FUNDAMENTAL**

**NEGATIVE OUTLOOK:** Weak fundamentals such as low profit margins, high debt levels, or falling dividends.

# FUND-AMENTAL

### Fundamental Score Averages

Hotels & Entertainment Svcs. Group: 4.7

Cyclical Consumer Services Sector: 4.7

Mid/Small Market Cap: **5.7** AEX Index: **5.9** 



Peers	Q1 2020	Q2 2020	Q3 2020	Q4 2020	Current	3Y Trend
SNOW	NR	NR	NR	NR	10	
AJAX	NR	NR	NR	NR	2	
BFIT	4	4	4	4	2	1111
TBIRD	NR	NR	NR	NR	NR	

### **FUNDAMENTAL INDICATORS Profitability Earnings Quality** Dividend Debt (25% weight) (25% weight) (25% weight) (25% weight) 10 10 SNOW Positive SNOW 9 **BFIT** 8 8 8 7 6 AJAX Neutral AJAX SNOW 5 4 3 Negative 2 **BFIT** BFIT **AJAX AJAX** 2 1 No Rating NR **TBIRD TBIRD** NR NR **TBIRD** SNOW **TBIRD**

Revenue Growth	1.2%	Current Ratio	0.8	Oper. Cash Yield	273.5%	Dividend Growth	
For year over year ending 2020-06		For interim period ending 2020-06		For latest 12 months ending 2020-06		For year over year ending	
Gross Margin	44.6%	Debt-to-Capital	81.9%	Accruals	3.2%	Dividend Payout	
For latest 12 months ending 2020-06		For annual period ending 2019-12		For latest 12 months ending 2019-12		For latest 12 months ending	
Return On Equity	-12.3%	Interest Funding	35.0%	Days Sales In Inv.	121.5	Dividend Coverage	
For interim period ending 2020-06		For interim period ending 2020-06		For annual period ending 2019-12		For annual period ending	
Net Margin	-9.1%	Interest Coverage	-2.3	Days Sales In Rec.	20.9	Current Div. Yield	
For latest 12 months ending 2020-06		For interim period ending 2020-06		For annual period ending 2019-12		For latest 12 months ending	

### **HIGHLIGHTS**

- The Fundamental Rating for Basic Fit declined significantly over the last quarter from 4 to 2. The current rating is considerably more bearish than the Hotels & Entertainment Svcs. industry group average of 4.7.
- BFIT's net margin of -9.1% is substantially below the Hotels & Entertainment Svcs. industry group average of 6.5%.
- BFIT's current ratio of 0.8 is substantially below the Hotels & Entertainment Svcs. industry group average of 1.2.
- BFIT's accruals ratio of 3.2% is substantially below the Hotels & Entertainment Svcs. industry group average of 22.1%.
- Basic Fit does not currently pay a dividend. Of 4 firms within the Hotels & Entertainment Svcs. industry group, it is among the 3 companies without a dividend.



2018-01

Report Date: 2021-Jan-24

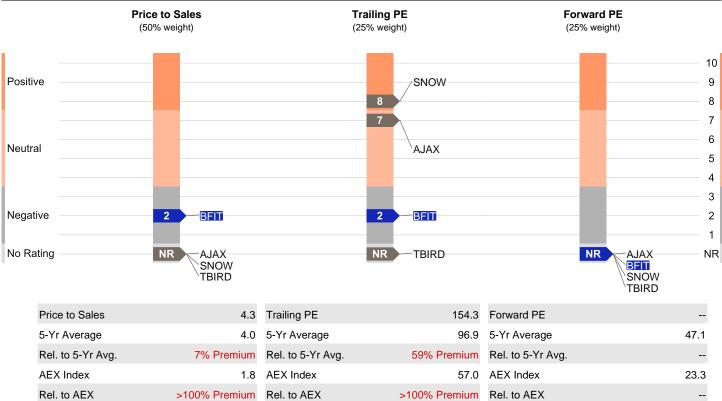
### **RELATIVE** VALUATION **RELATIVE VALUATION Relative Valuation Score Averages NEGATIVE OUTLOOK:** Multiples significantly above the market or the stock's historic norms. Hotels & Entertainment Svcs. Group: 4.7 Mid/Small Market Cap: 6.2 Cyclical Consumer Services Sector: 4.7 AEX Index: 4.8 Relative Valuation Score Trend (4-Week Moving Avg) **Peers** -6M -3M -1M -1W Current 1Y Trend SNOW 5 6 Positive AJAX 8 5 6 6 6 Neutral **BFIT** 2 1 1 3 NR **TBIRD** NR NR NR NR Negative 1

### **RELATIVE VALUATION INDICATORS**

2019-01

2020-01

2021-01



### **HIGHLIGHTS**

- Basic Fit currently has a Relative Valuation Rating of 1 which is significantly below the AMSTERDAM EXCHANGE index average rating of 4.6.
- BFIT is currently valued at a premium to the AMSTERDAM EXCHANGE index based on both Price to Sales ratio and Trailing P/E.
- BFIT's Price to Sales ratio of 4.3 represents a 7% Premium to its 5-year average of 4.0.
- BFIT's Trailing P/E of 154.3 represents a 59% Premium to its 5-year average of 96.9. If the Trailing P/E returned to historical form, the stock would trade at 19.38.



Cyclical Consumer Services / Hotels & Entertainment Svcs. / Leisure & Recreation

### **DETAILED STOCK REPORT**

Report Date: 2021-Jan-24

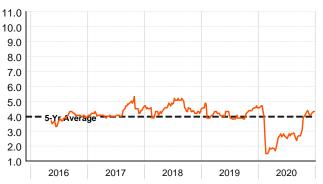
### **PRICE TO SALES**

The most recent week's close price divided by the revenue per share.

Price to Sales: 4.3 5-Year Average: 4.0

AEX Index Average: 1.8

Hotels & Entertainment Svcs. Group Average: 5.0



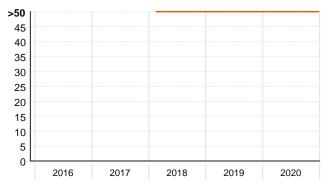
### TRAILING PE

The most recent week's close price divided by the sum of the four most recently reported quarterly earnings.

Trailing PE: 154.3

5-Year Average: 96.9 AEX Index Average: 57.0

Hotels & Entertainment Svcs. Group Average: 59.0



# FORWARD PE

The most recent week's close price divided by the sum of the four upcoming quarterly consensus estimates.

Forward PE: -- 5-Year Average: 47.1

AEX Index Average: 23.3

Hotels & Entertainment Svcs. Group Average: --



### **FORWARD PEG**

The Forward P/E divided by the five-year forecasted growth rate.

Forward PEG: --

5-Year Average: 1.7

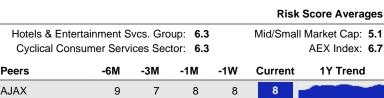
AEX Index Average: 3.9

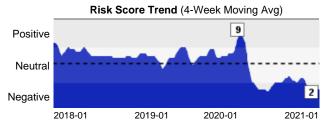
Hotels & Entertainment Svcs. Group Average: --



Report Date: 2021-Jan-24

# RISK NEGATIVE OUTLOOK: Variable return patterns (high volatility). Risk Score Trend (4-Week Moving Avg)





Peers	-6M	-3M	-1M	-1W	Current	1Y Trend
AJAX	9	7	8	8	8	
SNOW	6	5	6	8	8	
BFIT	3	3	3	2	3	
TBIRD	NR	NR	NR	NR	NR	

### **RISK INDICATORS** Volatility Magnitude of Returns Beta (1-year) Correlation (25% weight) (25% weight) (25% weight) (25% weight) 10 10 10 AJAX Positive SNOW 9 **BFIT** SNOW 8 8 7 6 AJAX Neutral AJAX SNOW 5 4 3 AJAX 2 Negative **BFIT** BFIT **BFIT** SNOW 1 No Rating NR -TBIRD **TBIRD TBIRD TBIRD** NR

Daily Returns (La	st 90 Days)	Standard Deviation	<u> </u>	Beta vs. AEX	1.38	Correlation vs. AEX	
Best	22.7%	Last 90 Days	3.60	Positive Days Only	1.29	Last 90 Days	65%
Worst	-5.6%	Last 60 Months	11.94	Negative Days Only	1.49	Last 60 Months	68%
Monthly Returns (Last 60 Months) Inti		Intra-Day Swing (La	ntra-Day Swing (Last 90 Days)		1.04	Correlation vs. Group	
Best	46.6%	Average	3.6%	Positive Days Only	1.14	Last 90 Days	50%
Worst	-49.9%	Largest	21.2%	Negative Days Only	1.15	Last 60 Months	66%

# HIGHLIGHTS

- Basic Fit currently has a Risk Rating of 3, which is significantly below the AMSTERDAM EXCHANGE index average rating of 6.3.
- On days when the market is up, BFIT shares tends to outperform the AMSTERDAM EXCHANGE index. However, on days when the market is down, the shares generally decrease by more than the index.
- In both short-term and long-term periods, BFIT has shown high correlation (>= 0.4) with the AMSTERDAM EXCHANGE index. Thus, this stock would provide only low levels of diversification to a portfolio similar to the broader market.
- Over the last 90 days, BFIT shares have been more volatile than the overall market, as the stock's daily price fluctuations have exceeded that of 96% of AMSTERDAM EXCHANGE index firms.

RISK ANALY	'SIS						
	Last 90 Days					Last 60	Months
Peers	Best Daily Return	Worst Daily Return	# Days Up	# Days Down	Largest Intra-Day Swing	Best Monthly Return	Worst Monthly Return
BFIT	22.7%	-5.6%	42	21	21.2%	46.6%	-49.9%
AJAX	9.7%	-4.0%	32	27	8.4%	15.6%	-17.8%
SNOW	4.9%	-4.0%	20	22	12.2%	32.5%	-19.0%
TBIRD	27.9%	-20.0%	6	4	60.0%	126.7%	-47.8%
AEX	3.7%	-2.5%	38	25	3.2%	13.5%	-10.4%

-TBIRD

### DETAILED STOCK REPORT

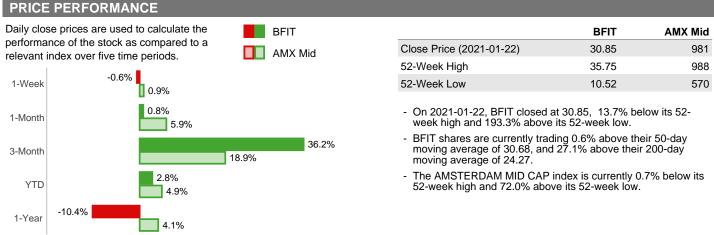
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### PRICE MOMENTUM PRICE MOMENTUM Currency in EUR **Price Momentum Score Averages NEUTRAL OUTLOOK:** Performance relatively in-line with the market. Hotels & Entertainment Svcs. Group: 3.0 Mid/Small Market Cap: 5.5 Cyclical Consumer Services Sector: 3.0 AEX Index: 4.9 Price Momentum Score Trend (4-Week Moving Avg) **Peers** -6M -3M -1M -1W Current 1Y Trend **BFIT** 6 3 4 Positive **SNOW** 4 5 4 2 3 Neutral **AJAX** 5 4 1 2 NR **TBIRD** NR NR NR NR Negative 2018-01 2019-01 2020-01 2021-01

### PRICE MOMENTUM INDICATORS **Relative Strength** Seasonality (70% weight) (30% weight) 10 Positive 9 8 7 6 SNOW Neutral **BFIT** 5 AJAX 5 4 3 **SNOW** Negative 2 **BFIT** AJAX 1 No Rating NR NR

Last 1 Month	BFIT	Industry Avg		Jan	Feb	Mar
Last 1 Month						Mar
	54	51	Company Avg	2.8%	-1.1%	-8.9%
Last 3 Months	56	51	Industry Avg			
Last 6 Months	53	51	Industry Rank			

TBIRD



Cyclical Consumer Services / Hotels & Entertainment Svcs. / Leisure & Recreation

### DETAILED STOCK REPORT

Report Date: 2021-Jan-24

### **DETAILED STOCK REPORT TIPS**

The Stock Report from Refinitiv is a comprehensive, company-specific analysis that includes a proprietary Stock Rating along with underlying component indicators and supportive data elements. The report is updated daily, although some of the data elements and the ratings are updated weekly.

### Average Score

The Stock Reports Plus Average Score combines a quantitative analysis of five widely-used investment decision making tools - Earnings, Fundamental, Relative Valuation, Risk, and Price Momentum. First, a simple average of the five underlying component ratings is calculated. Then, a normal distribution is used to rank each stock across the market on a scale of 1 to 10, with 10 being most favorable. A score of 8 to 10 is considered positive, 4 to 7 is neutral, and 1 to 3 is negative. These five factors may be evaluated differently using alternative methodologies, and the importance of individual factors varies across industry groups, market capitalization and investment styles. Additional criteria should always be used to evaluate a stock.

A company must have sufficient data available for at least three of the five component indicators in order to receive an overall Average Score. Approximately 85% of the stocks within the coverage universe meet the criteria to generate a score.

### Indicator Components

The five indicators that comprise the stock rating are displayed. Like the stock rating, the component rating scale is 1 to 10, with 10 being best. A company will receive an 'NR' for No Rating if the required data elements or criteria are not met. A detailed section for each component is included in the report.

### Indicator Trends

Within each component section, historical score trends are displayed, typically using a 4-week moving average over a timeframe of the past three years. The dotted orange line indicates the average of the scores over those three years. The most recent occurrences of the best and worst scores are also displayed on the chart in grey boxes to put the current score into historical context.

Next to the trend chart for the company, current score averages are included, along with peer company comparisons of values from 6 months ago, 3 months ago, 1 month ago, the most recent value from 1 week ago, and the current score. The four closest industry peers are presented based on similar market capitalization.

### Peer Analysis

The Refinitiv Business Classification (TRBC) schema is used for industry comparisons. It is designed to track and display the primary business of a corporation by grouping together correlated companies that offer products and services into similar end markets. The system includes 10 Economic Sectors, 28 Business Sectors, 54 Industry Groups, and 136 Industries.

The Peer Analysis section of the report compares the company to its ten closest peers. The peers are selected from the industry based on similar market capitalization. The peer listing may have fewer than ten companies if there are fewer than ten companies within that industry classification.

### **Highlights**

The automated text-generation system from Refinitiv creates highlights summarizing the most noteworthy data. The bullets will vary by company and will change from week to week as different criteria are met.

### Earnings

The Earnings Rating is based on a combination of three factors: earnings surprise, estimate revision, and recommendation changes. Each factor is equally weighted. Then, equal deciles are used to rank each stock across the market on a scale of 1 to 10, with 10 being most favorable. A stock needs to have at least two of the three earnings factors in order to receive a score.

Earnings Surprises - The number of positive and negative surprises within the last 4 periods (quarters or years).

Estimate Revisions - The number of up and down revisions and the average percentage change of those revisions within a 4 week period.

Recommendation Changes - The number of broker upgrades and downgrades in the last 120 days.

### Price Target

The price target is based on the predictions of analysts covering the stock and shows the high, low and mean price expected within the next 12 months.

The quarterly and annual earnings per share are presented when available, along with the mean, high and low. Quarterly data is displayed for the past 4 quarters (actual) and the next 2 quarters (estimated). Annual data is displayed for the past 2 years (actual) and the next 2 years (estimated).

### Mean Estimate Trend

The mean estimates show how the consensus has changed over the past 30 days and 90 days for the upcoming two quarters (when available) and two years. The percentage change is calculated for the company as a means for comparison by measuring the difference between the current consensus estimate and that of 90 days ago.

### **Analyst Recommendations**

The I/B/E/S Mean is the average recommendation of all analysts covering the stock, as provided by I/B/E/S, the Institutional Brokers Estimate System, from Refinitiv. The recommendations are presented on a five-point standardized scale: strong buy, buy, hold, reduce, and sell.

### **Earnings Surprises**

The surprise summary includes the total number of time periods (and percentage) in the last 12 quarters (quarterly) or last 4 years (annual) in which earnings surprises were positive, negative, or in-line. In order to be recognized as a positive or negative surprise, the percent must be greater than 2% above or 2% below the consensus, respectively.

The surprise detail section includes a listing of the company's quarterly earnings reported for the most recent 6 periods (quarters or years). The consensus analyst estimate is provided to determine if the actual earnings report represented a positive surprise, negative surprise, or in-line result.

### **Fundamental**

The Fundamental Rating is based on a combination of four fundamental component factors: profitability, debt, earnings quality, and dividend. Companies that do not pay a dividend are not penalized. Each factor is equally weighted. Then, equal deciles are used to rank each stock across the market on a scale of 1 to 10, with 10 being most favorable. A stock needs to have at least two of the four fundamental factors present in order to receive a score.

- Profitability is comprised of four data elements.
   Revenue Growth: (Net Sales Previous Net Sales) / Previous Net Sales
- Gross Margin: Gross Profit / Net Sales
- Return on Equity: Net Income / Total Equity
- Net Margin: Net Profit / Net Sales

Debt is comprised of four data elements.

- Current Ratio: Current Assets / Current Liabilities
- Debt-to-Capital: Total Debt / Total Capital
- Interest Funding: (Interest Expense on Debt + Preferred Cash Dividends) / Funds from Operations
- Interest Coverage: Earnings before Interest and Taxes / (Interest Expense on Debt + Preferred Cash Dividends)

Earnings Quality is comprised of four data elements.

- Operating Cash Yield: (Operating Cash Flow Net Income) / Net Income
- Accruals: (Net Income Operating Cash Flow Investing Cash Flow) / Average Net Operating Assets

  Days Sales in Inventory: 365 / (Cost of Goods Sold / Inventory)
- Days Sales in Receivables: 365 / (Net Sales / Receivables)

Dividend is comprised of four data elements. The company must have a current dividend yield.

- Dividend Growth Rate: (Dividends per Share Previous Dividends per Share) / Previous Dividends per Share
- Dividend Payout: Dividends per Share / Earnings per Share
- Dividend Coverage: Funds from Operations / Cash Dividends
- Dividend Yield: Annual Dividends per Share / Current Market Price per Share

### **Indicator Trend**

The fundamental indicator trend displays either quarterly scores over the past three years or annual scores over the past six years, depending on the reporting periods for the country. The best and worst scores can be easily determined from the values shown on the chart for each quarter or year.

### **Relative Valuation**

The Relative Valuation Rating is based on a combination of three component factors: Price to Sales (50% weight), Trailing P/E (25% weight), and Forward P/E (25% weight). After the weightings are considered to combine individual factors, equal deciles are used to rank each stock across the market on a scale of 1 to 10, with 10 being most favorable. These common valuation metrics are evaluated against the overall market, the index, and the company's own historic 5-year averages. A stock needs to have at least one of the three relative valuation factors in order to receive a score.

Price to Sales: Close Price / (Sales for 4 Quarters or 1 Year / Shares Outstanding)

Trailing P/E: Close Price / Most Recent 4 Quarters or 1 Year of Earnings Forward P/E: Close Price / Upcoming 4 Quarters or 1 Year of Earnings



Report Date: 2021-Jan-24

### Valuation Averages

Negative values are excluded when calculating the averages. A maximum value of 100 is placed on Trailing P/E and Forward P/E, a maximum value of 5 is placed on Forward PEG, and a maximum value of 20 is placed on Price to Sales when calculating the averages. Higher values are rounded down to the maximum for the averages.

### Valuation Multiples

The valuation multiples provide the Trailing P/E, Forward P/E, Forward PEG, and Price to Sales for the company and the S&P 500 index average. In addition, a comparison of the current company's values to its 5-year average and an industry average are presented. A discount occurs when the company's ratio is valued more favorably (lower) than that to which it is compared.

The Risk Rating displays stocks on a scale of 1 to 10 with 10 being awarded to the least risky stocks. It is derived by looking at a series of long-term (5-year) and short-term (90-day) stock performance measures including volatility, magnitude of returns, beta, and correlation. Each factor is equally weighted. Then, equal deciles are used to rank each stock across the market. A stock needs to have at least two of the four risk factors in order to receive a score.

Magnitude of Returns - The best / worst daily returns in the past 90 days and the best / worst monthly returns in the past 60 months. Volatility - The standard deviation of the stock price over the last 90 days and last 60 months, along with the average and largest intra-day stock swing. Beta - Measures the tendency of a security's returns to respond to swings in the market, based on the beta of the company versus the relevant index. Correlation - Determines how closely the returns of the stock and the relevant index move together, measured over the last 90 days and last 60 months.

### Risk Analysis

Price analysis for the company and the relevant index is provided over two time periods. Daily analysis is provided for the last 90 days, whereas monthly statistics are used for the last 60 months.

### Price Momentum

The Price Momentum Rating is based on a combination of two technical performance factors: relative strength (70% weight) and seasonality (30% weight). After the weightings are considered to combine individual factors, equal deciles are used to rank each stock across the market on a scale of 1 to 10, with 10 being most favorable. A stock needs to have data for the relative strength factor in order to receive a score.

Relative Strength - The relative strength of the company for the last 1 month, 3 months, and 6 months on a scale of 1 to 100. Seasonality - The average monthly return (price performance) for the current month and next 2 months for the company and industry, over the past 10 years. A lower industry rank indicates a higher return.

### Price Performance

Daily close prices are used to calculate the price performance of the stock. The performance of the relevant index is also displayed as a means of comparison.

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