ROSS STORES INCORPORATED (ROST-O)
Retailers / Other Specialty Retailers / Apparel Retailers

Indicator Description

The **Average Score** combines the quantitative analysis of six widely-used investment decision making tools: Earnings, Fundamental, Relative Valuation, Risk, Price Momentum and Insider Trading. A simple average of the underlying component ratings is normally distributed to rank stocks on a 1-10 scale (10 being awarded to the highest scored). 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.

Indicator

ROST's current average score of 9 places it within the **top 15%** of stocks scored.
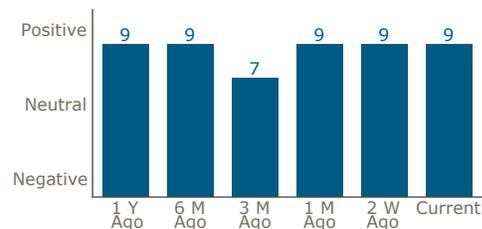
AVERAGE SCORE
9

Peers	
KORS	10
LTD	8
COH	7
JWN	5

Averages	
Other Specialty Retailers Group	5.8
Retailers Sector	5.7
S&P 500 Index	6.5
Giant Market Cap	6.7

Indicator Trend

	1 Y Ago	6 M Ago	3 M Ago	1 M Ago	2 W Ago	Current
	9	9	7	9	9	9

Last 5 Years

Best	Worst	Average
10 - (01/13/13)	**3** - (11/23/08)	**8.5**

Analyst Recommendations

First Call Mean (FC): **Buy** (27 firms)

First Call Mean is the mean of all analysts covering the company.

FC

Sell	Reduce	Hold	Buy	Strong Buy
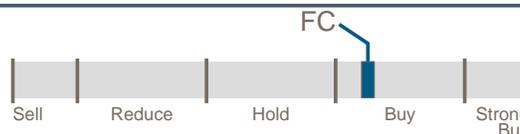
Key Information

Price (03/07/13) (USD)	55.23
52-Week High (USD)	70.82
52-Week Low (USD)	52.01
Market Cap (USD)	12.9B
Avg Daily Vol	2.6M
Exchange	NASDAQ
Dividend Yield	1.2%
Annual Dividend (USD)	0.68
Trailing PE	17.6
Forward PE	15.2
Forward PEG	1.2
LTG Forecast	12.8%
Exp Report Date	03/21/13
Annual Revenue (USD)	9.4B
ROE	47.2%
Inst. Ownership	90.6%
1-Mo Return	-8.4%
3-Mo Return	-0.5%
1-Yr Return	0.5%

Price Charts

1-Year
5-Year
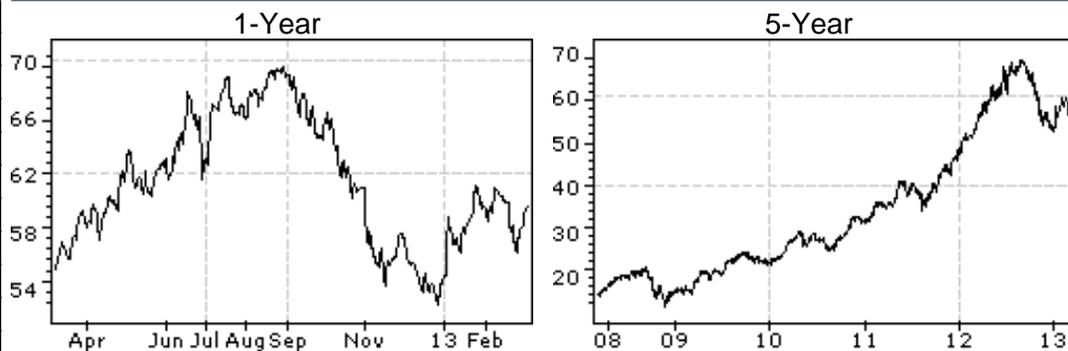
Business Description

Ross Stores, Inc., along with its subsidiaries, operates two brands of off-price retail apparel and home fashion stores. As of January 28, 2012, the Company operated a total of 1,125 stores, of which 1,037 were Ross Dress for Less (Ross) locations in 29 states, the District of Columbia, and Guam, and 88 were dd's DISCOUNTS stores in seven states: 48 in California, 19 in Texas, 12 in Florida, four in Arizona, two in Georgia, two in Nevada, and one in Maryland. Ross focuses on customers primarily from middle income households, while dd's DISCOUNTS focuses on customers from more moderate income households. During the fiscal year ended January 28, 2012 (fiscal 2012), it opened 59 new Ross stores and closed ten existing stores. During fiscal 2011, it opened 21 new dd's DISCOUNTS stores. The average approximate dd's DISCOUNTS store size is 23,900 square feet. In April 2011, it purchased a 449,000 square foot warehouse for packaway storage in Riverside, California.
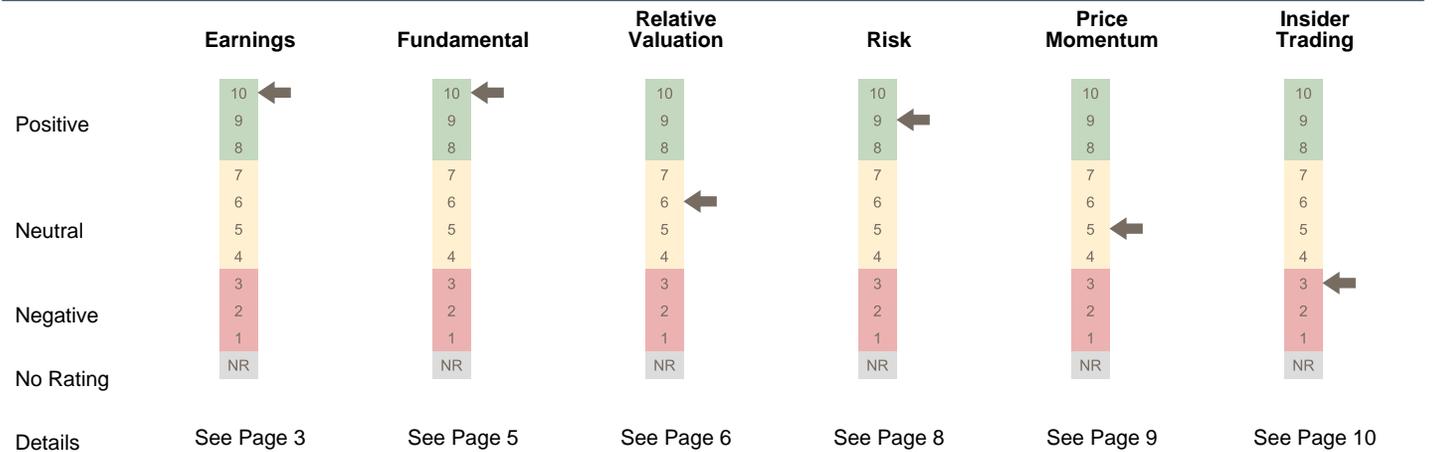
THOMSON REUTERS

Average Score

AVERAGE SCORE
9

The **Average Score** combines the quantitative analysis of six widely-used investment decision making tools: Earnings, Fundamental, Relative Valuation, Risk, Price Momentum and Insider Trading. A simple average of the underlying component ratings is normally distributed to rank stocks on a 1-10 scale (10 being awarded to the highest scored). 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.

Indicator Components

	Earnings	Fundamental	Relative Valuation	Risk	Price Momentum	Insider Trading
Positive	10 ←	10 ←		9 ←		
Neutral			6 ←		5 ←	
Negative						3 ←
No Rating	NR	NR	NR	NR	NR	NR
Details	See Page 3	See Page 5	See Page 6	See Page 8	See Page 9	See Page 10

Optimized Score

OPTIMIZED SCORE
5

Historically, companies with an optimized score of 5 have tended to perform in-line with the market over the following 12-month period.

verus analytics™

As an alternative approach to equally weighting each of the six factors, independent research firm, Verus Analytics, conducted a backtest to empirically determine the optimal factor blend. Results and weighting vary across four different market capitalization categories. For large cap stocks, price momentum and insider trading historically provided the most explanatory power among the six factors and are weighted heavily in the current optimized score. Among the small cap universe, the earnings and fundamental factors joined with insider trading and price momentum to explain returns.

Peer Analysis

Ticker	Average Score	Market Cap (USD)	Price (03/07/13) (USD)	Dividend Yield	Trailing PE	Forward PE	Forward PEG	LTG Forecast	Annual Revenue (USD)	Net Margin	1-Mo Return	3-Mo Return	1-Yr Return
GPS	9	16.2B	35.87	1.7%	14.6	13.2	1.4	9.4%	15.2B	8.0%	11.3%	12.8%	46.3%
COH	7	13.5B	48.54	2.5%	13.3	12.3	0.9	13.5%	4.9B	23.5%	-0.1%	-15.8%	-33.9%
LTD	8	12.9B	44.87	2.7%	17.7	13.9	1.2	11.2%	10.5B	3.6%	-1.8%	-12.3%	-2.0%
ROST	**9**	**12.9B**	**55.23**	**1.2%**	**17.6**	**15.2**	**1.2**	**12.8%**	**9.4B**	**7.1%**	**-8.4%**	**-0.5%**	**0.5%**
KORS	10	11.9B	58.21	--	35.1	25.4	0.8	32.6%	1.9B	21.4%	2.7%	12.8%	26.3%
JWN	5	10.8B	53.99	2.2%	15.2	14.2	1.2	11.4%	11.7B	5.2%	-1.7%	2.3%	1.5%
TIF	3	8.8B	70.88	1.8%	21.3	20.6	2.0	10.2%	3.7B	7.4%	13.0%	21.3%	4.5%
URBN	8	6.0B	40.49	--	30.9	21.6	1.3	17.0%	2.7B	8.6%	-6.2%	8.3%	43.4%
FL	10	5.2B	35.31	2.3%	14.2	12.5	1.0	12.1%	6.0B	7.0%	2.1%	0.1%	18.0%
SIG	7	4.9B	60.77	0.8%	14.8	13.0	1.1	12.2%	3.8B	4.9%	-3.4%	12.4%	28.7%
AEO	5	4.1B	20.41	2.2%	22.1	13.9	1.0	13.8%	3.4B	8.6%	0.5%	-4.6%	31.3%
Average	7.4	9.7B	--	1.9%	19.7	16.0	1.2	14.2%	6.7B	9.6%	0.7%	3.3%	15.0%
Median	8.0	10.8B	--	2.2%	17.6	13.9	1.2	12.2%	4.9B	7.4%	-0.1%	2.3%	18.0%

Peer Group

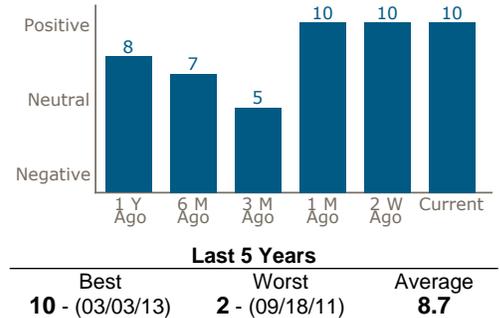|			
GPS	GAP, INC (THE)	TIF	TIFFANY & CO.
COH	COACH INC	URBN	URBAN OUTFITTERS
LTD	LIMITED BRANDS INC	FL	FOOT LOCKER, INC
KORS	MICHAEL KORS	SIG	SIGNET JEWELERS
JWN	NORDSTROM, INC.	AEO	AMERICAN EAGLE OUTFITTERS

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Earnings

Indicator Description

The **Earnings Indicator** displays stocks on a scale of 1-10 with 10 being awarded to the strongest stocks based on a combination of three earnings factors: earnings surprise, broker recommendation changes and estimate revision. Each component is equally weighted. A stock needs to have at least two of the three earnings factors in order to receive a final earnings score.
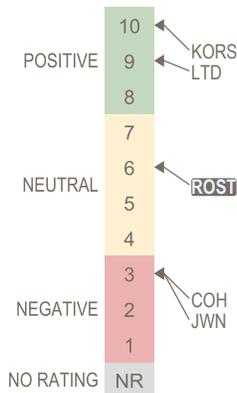
Indicator

EARNINGS

10

Peers	
KORS	10
LTD	8
COH	6
JWN	2

Averages	
Other Specialty Retailers Group	5.9
Retailers Sector	5.8
S&P 500 Index	6.3
Giant Market Cap	6.5

Indicator Trend

1 Y Ago	6 M Ago	3 M Ago	1 M Ago	2 W Ago	Current
8	7	5	10	10	10

Last 5 Years

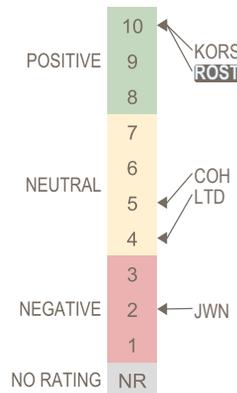| Best	Worst	Average
10 - (03/03/13)	**2** - (09/18/11)	**8.7**

Indicator Sub-Components

Earnings Surprise (33.3% Weight)

Estimate Revision (33.3% Weight)

Broker Rec Changes (33.3% Weight)
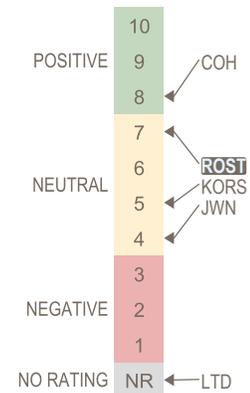
Last 4 Quarters	
# Positive Surprises (> 2%)	0
# Negative Surprises (< -2%)	0
# In-Line (within 2%)	4
Avg Surprise	0.1%

Last 4 Weeks	
# Up Revisions	14
# Down Revisions	0
Avg Up Revisions	53.9%
Avg Down Revisions	0.0%

| Last 120 Days	
# Upgrades	5
# Downgrades	3

Highlights

- ROST currently has an Earnings Rating of 10, which is significantly more bullish than the Apparel Retailers Industry average of 5.8. ROST scores a bullish 7 or greater for two of three component ratings: Estimate Revision (10) and Broker Recommendation (7).

- ROST's current quarter consensus estimate has remained relatively unchanged over the past 90 days at 1.07. Estimates within its Industry have moved an average of -5.0% during the same time period.

- There have been 5 upward and 3 downward broker recommendation changes for ROSS STORES over the past 120 days.

Price Target

The chart below indicates where analysts predict the stock price will be within the next 12 months, as compared to the current price. The high, low, and mean price targets are presented.
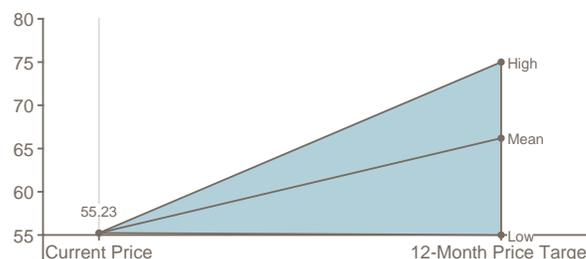

12-Month Price Target	
Mean (USD)	66.20
High (USD)	75.00
Low (USD)	55.00
Target vs. Current	19.9%
# of Analysts	21

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

Quarterly
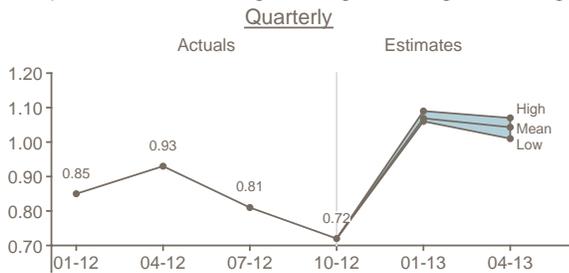
	01-13	04-13
FC Mean (USD)	1.07	1.04
High (USD)	1.09	1.07
Low (USD)	1.06	1.01
# of Analysts	24	19

NA = No Actual or Estimated EPS

Annual
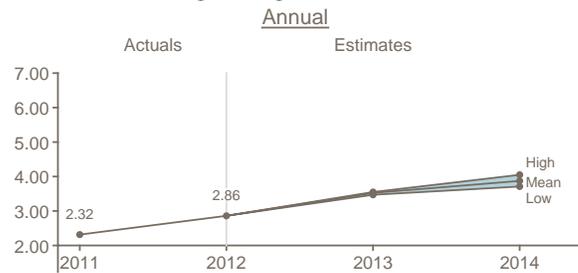
	2013	2014
FC Mean (USD)	3.53	3.87
High (USD)	3.55	4.05
Low (USD)	3.47	3.71
# of Analysts	24	27

NA = No Actual or Estimated EPS

Mean Estimate Trend

	Q 01-13	Q 04-13	Y 2013	Y 2014	Price Target
Current (USD)	1.07	1.04	3.53	3.87	66.20
30 Days Ago (USD)	1.06	1.04	3.52	3.91	67.50
90 Days Ago (USD)	1.04	1.05	3.50	3.89	67.10
% Chg - Last 90 Days	2.8%	-0.2%	0.9%	-0.4%	-1.3%

Next Expected Report Date: 03/21/13

Distribution of Analyst Recommendations

	First Call Mean
Strong Buy	6
Buy	9
Hold	12
Reduce	0
Sell	0
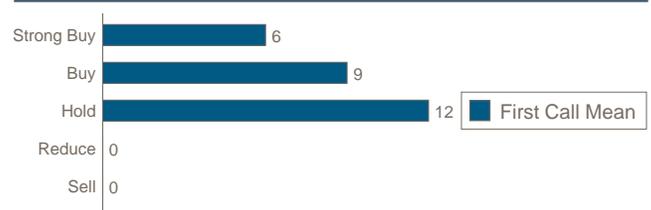
Earnings Surprise

Investors frequently compare a company's actual earnings to the mean expectation of professional analysts. The difference between the two is referred to as a "positive" or "negative" surprise. Academic research has shown that when a company reports a surprise, it is often followed by more of the same surprise type.

Surprise Summary - Last 12 Quarters

Surprise Type	#	%
Positive Quarters (> 2%)	0	--
Negative Quarters (< -2%)	0	--
In-Line Quarters (within 2%)	12	100.0%

Surprise Detail - Last 6 Periods

Surprise Type	Announce Date	Period End Date	Actual EPS (USD)	Mean EPS (USD)	Surprise (%)
IN-LINE	11/15/12	10/12	0.720	0.720	0.0%
IN-LINE	08/16/12	07/12	0.810	0.808	0.2%
IN-LINE	05/17/12	04/12	0.930	0.930	0.0%
IN-LINE	03/15/12	01/12	0.850	0.850	0.0%
IN-LINE	11/17/11	10/11	0.630	0.628	0.3%
IN-LINE	08/18/11	07/11	0.640	0.640	0.0%

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.
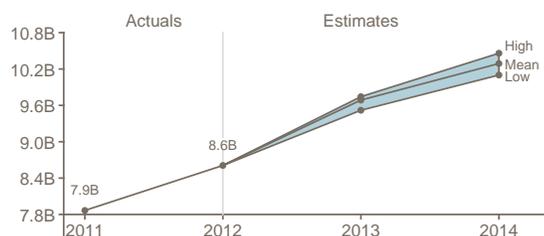
	2013	2014
Mean (USD)	9.7B	10.3B
High (USD)	9.7B	10.5B
Low (USD)	9.5B	10.1B
Forecasted Growth	12.5%	19.5%
# of Analysts	25	24

NA = No Actual or Estimated Revenue

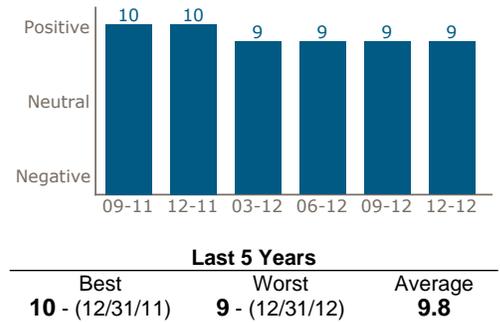**THOMSON REUTERS**

Fundamental

Indicator Description

The **Fundamental Indicator** displays stocks on a scale of 1-10 with 10 being awarded to the strongest stocks based on a combination of four fundamental component factors: profitability, debt, earnings quality, and dividend. Each component is equally weighted. A stock needs to have at least three of the four fundamental factors present for a given fiscal quarter in order to receive a final fundamental score. Companies that do not pay a dividend are not penalized.
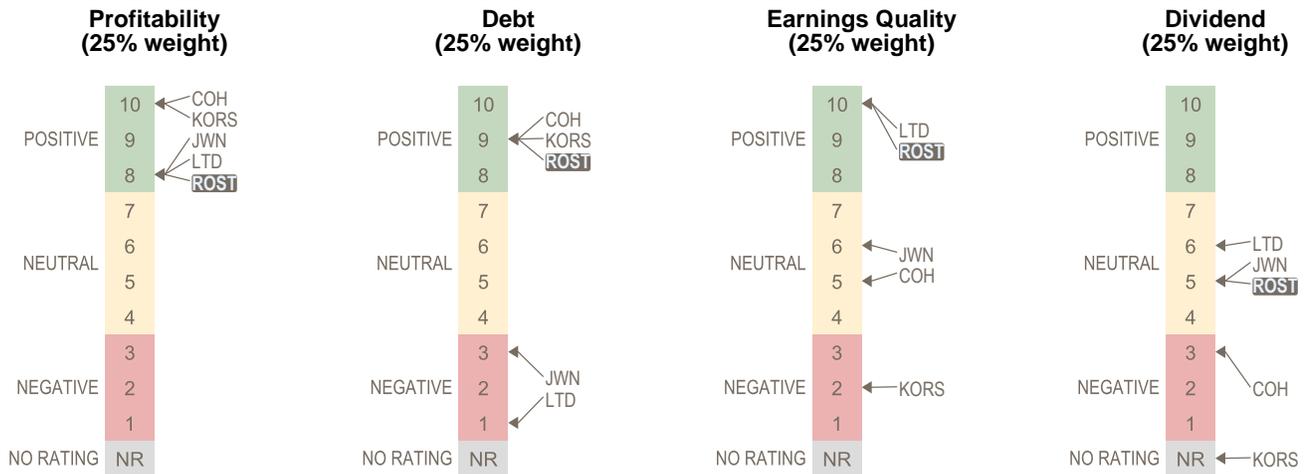
Indicator

FUNDAMENTAL

10

Peers	
COH	8
KORS	8
LTD	7
JWN	6

Averages	
Other Specialty Retailers Group	6
Retailers Sector	5.8
S&P 500 Index	6.4
Giant Market Cap	6.6

Indicator Trend

	Best	Worst	Average
Last 5 Years	**10** - (12/31/11)	**9** - (12/31/12)	**9.8**

Indicator Sub-Components

Profitability (25% weight)

Debt (25% weight)

Earnings Quality (25% weight)

Dividend (25% weight)

Revenue Growth	12.0%	**Current Ratio**	1.5	**Days Sales in Inv.**	66.5	**Div. Growth Rate**	29.3%
For year over year ending 10/12		For year over year ending 10/12		For period ending 01/12		For year over year ending 10/12	
Gross Margin	27.1%	**Debt-to-Capital**	9.1%	**Days Sales in Rec.**	2.0	**Dividend Funding**	18.5%
For trailing 4 qtrs ending 10/12		For trailing 4 qtrs ending 01/12		For period ending 01/12		For trailing 4 qtrs ending 10/12	
Return on Equity	47.2%	**Interest Funding**	1.3%			**Dividend Coverage**	8.6
For trailing 4 qtrs ending 10/12		For trailing 4 qtrs ending 10/12				For trailing 4 qtrs ending 01/12	
Net Margin	7.1%	**Interest Coverage**	155.7			**Current Div. Yield**	1.2%
For trailing 4 qtrs ending 10/12		For trailing 4 qtrs ending 10/12				For trailing 4 qtrs ending 03/13	

Highlights

- ROST currently has a Fundamental Rating of 10, which is significantly more bullish than the Apparel Retailers Industry average of 6.3.

- ROSS STORES's days sales in receivables of 2.0 is substantially shorter than the Apparel Retailers Industry average of 5.0.

- Of the 55 firms within the Apparel Retailers Industry, ROSS STORES is among the 20 companies that pay a dividend. The stock's dividend yield is currently 1.2%.

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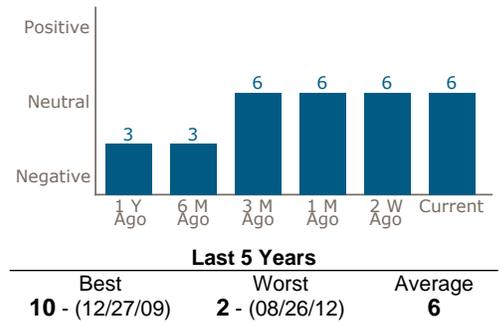
Relative Valuation

Indicator Description

The **Relative Valuation Indicator** displays stocks on a scale of 1-10 with 10 being awarded to the strongest stocks based on a combination of three component factors: Forward PEG (50%), Trailing PE (25%), and Forward PE (25%). A stock needs to have at least one of the three relative valuation factors present in order to receive a final relative valuation score.

Indicator

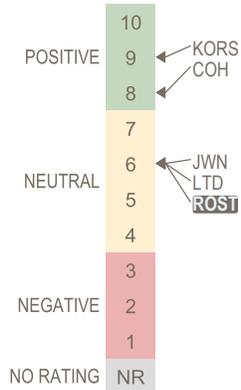Multiples relatively **in-line** with the market.

RELATIVE VALUATION

6

Peers

COH	9
JWN	7
KORS	6
LTD	6

Averages

Other Specialty Retailers Group	6.4
Retailers Sector	6.3
S&P 500 Index	5.5
Giant Market Cap	5.5

Indicator Trend

1 Y Ago	6 M Ago	3 M Ago	1 M Ago	2 W Ago	Current
3	3	6	6	6	6

Last 5 Years

Best	Worst	Average
10 - (12/27/09)	**2** - (08/26/12)	**6**

Indicator Sub-Components
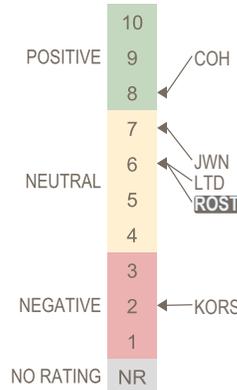
Forward PEG (50% weight)
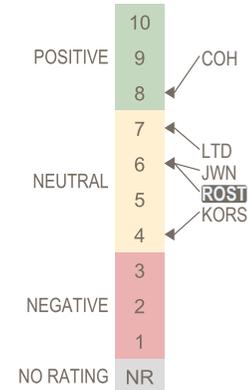
Fwd. PEG	1.2
5-Yr Avg	1.1
Rel. to 5-Yr Avg.	9% Premium
S&P 500 Fwd. PEG	1.7
Rel. To S&P 500	31% Discount

Trailing PE (25% weight)

Tr. PE	17.6
5-Yr Avg	16.5
Rel. to 5-Yr Avg.	7% Premium
S&P 500 Tr. PE	22.8
Rel. To S&P 500	23% Discount

Forward PE (25% weight)

|	
Fwd. PE	15.2
5-Yr Avg	14.5
Rel. to 5-Yr Avg.	5% Premium
S&P 500 Fwd. PE	17.4
Rel. To S&P 500	13% Discount

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Highlights

- ROST's Forward PEG of 1.2 represents a 9% Premium to its 5-year average of 1.1.
- ROST's Trailing P/E of 17.6 represents a 7% Premium to its 5-year average of 16.5.
- ROST's Forward P/E of 15.2 represents a 5% Premium to its 5-year average of 14.5.

Trailing PE

Trailing P/E is calculated using the most recent closing price (updated weekly) divided by the sum of the four most recently reported quarterly earnings.
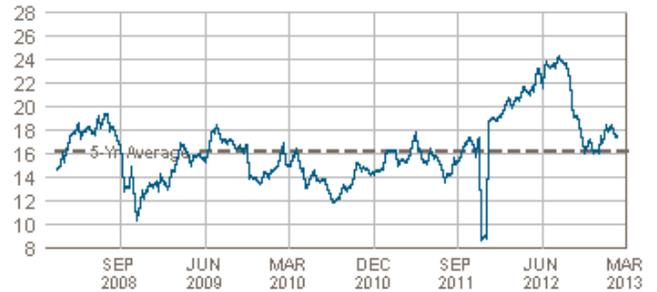
| Trailing PE | 17.6 | Index Avg | 22.8 |
| 5yr Avg | 16.5 | Sector Avg | 18.9 |

Forward PE

Forward P/E is calculated using the most recent closing price (updated weekly) divided by the sum of the four upcoming quarterly consensus estimates.
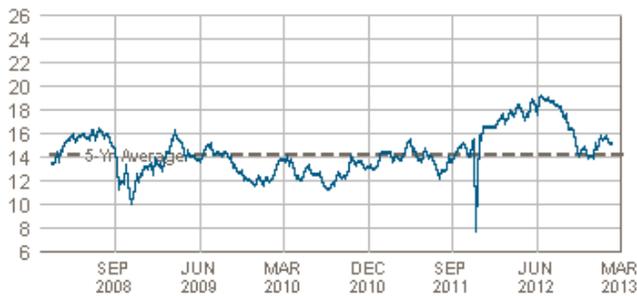
| Forward PE | 15.2 | Index Avg | 17.4 |
| 5yr Avg | 14.5 | Sector Avg | 20.5 |

Forward PEG

Forward PEG is calculated by dividing the Forward P/E by the five-year, long term forecasted growth rate.

| Forward PEG | 1.2 | Index Avg | 1.7 |
| 5yr Avg | 1.1 | Sector Avg | 1.4 |

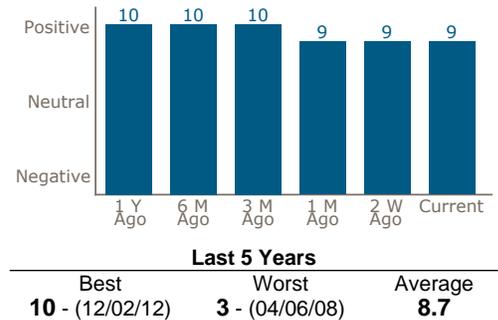THOMSON REUTERS

Risk

Indicator Description

The **Risk Indicator** displays stocks on a scale of 1-10 with 10 being awarded to the least risky stocks. 'Risk' is derived by looking at a series of long (60-month) and short (90-day) term stock performance measures including volatility (standard deviation), magnitude of returns (best and worst day and month), beta (movement versus broader market), and correlation to the relevant index.

Indicator

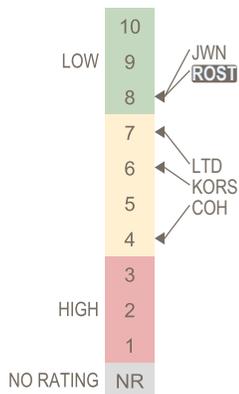Consistent return patterns (**low volatility**).

RISK	Peers	
9	JWN	9
	LTD	8
	KORS	7
	COH	4

Averages

Other Specialty Retailers Group	4.9
Retailers Sector	5
S&P 500 Index	8.2
Giant Market Cap	8.5

Indicator Trend

1 Y Ago	6 M Ago	3 M Ago	1 M Ago	2 W Ago	Current
10	10	10	9	9	9

Last 5 Years

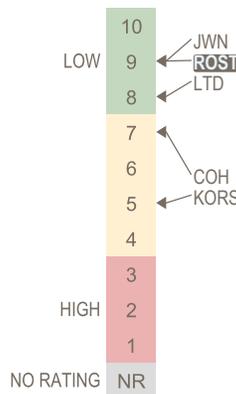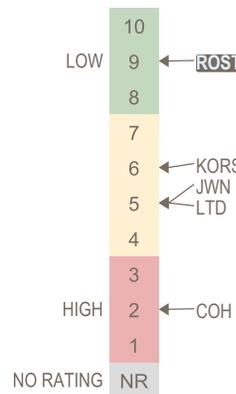| Best	Worst	Average
10 - (12/02/12)	**3** - (04/06/08)	**8.7**

Indicator Sub-Components

Magnitude of Returns (25% weight)

Volatility (25% weight)

Beta (1-year) (25% weight)

Correlation (25% weight)
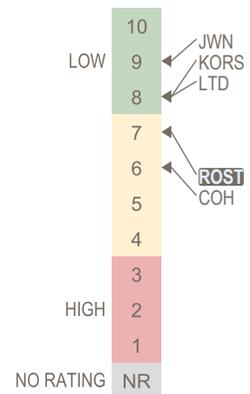
Daily Returns *(last 90)*		Standard Deviation		Beta vs. S&P 500	0.69	Correlation vs. S&P 500	
Best	8.0%	Last 90 Days	1.90	Positive Days Only	0.80	Last 90 Days	27%
Worst	-7.5%	Last 60 Months	7.51	Negative Days Only	1.16	Last 60 Months	58%
Monthly Returns *(last 60)*		**Intra-Day Swing**		**Beta vs. Sector**	0.71	**Correlation vs. Sector**	
Best	23.3%	Last 90 Days Avg	2.2%	Positive Days Only	0.79	Last 90 Days	38%
Worst	-16.3%	Last 90 Days Largest	8.6%	Negative Days Only	0.90	Last 60 Months	64%

Highlights

- ROST currently has a Risk Rating of 9 while the S&P 500 index has an average rating of 8.2.

- On days when the market is up, ROST tends to underperform versus the S&P 500 index. Also, on days when the market is down, the shares generally decrease more than the S&P 500 index.

- In the short term, ROST has shown average correlation (>= 0.2 and < 0.4) with the S&P 500 index. The stock has, however, shown high correlation (>= 0.4) with the market in the long term.

- Over the past 90 days, ROST shares have been more volatile than the overall market, as the stock's daily price fluctuations have exceeded that of 86% of S&P 500 index firms.

Risk and Reward Analysis

	Last 90 Days					Last 60 Months	
	Best Daily Return	Worst Daily Return	# Days Up	# Days Down	Largest Intra-Day Swing	Best Monthly Return	Worst Monthly Return
ROST	8.0%	-7.5%	28	34	8.6%	23.3%	-16.3%
S&P 500	2.5%	-1.8%	36	25	2.6%	10.8%	-16.9%

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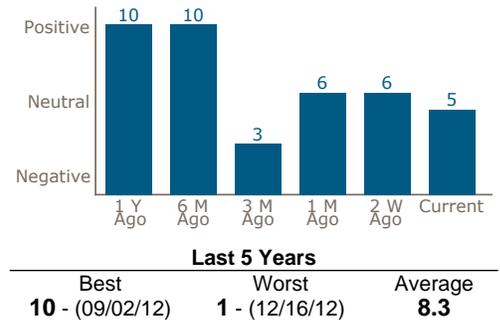
Price Momentum

Indicator Description

The **Price Momentum Indicator** displays stocks on a scale of 1-10 with 10 being awarded to the strongest stocks based on a combination of two technical performance factors: relative strength (70% weight) and seasonality (30% weight). A stock's 1-month, 3-month, and 6-month relative strength indicators are considered and combined. The seasonality measure reflects a stock's and industry's historic price performance for each month over the past 10 years.

Indicator

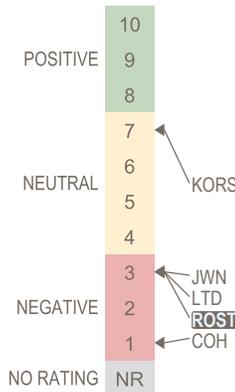Performance relatively **in-line** with the market.

PRICE MOMENTUM

5

Peers

KORS	9
JWN	5
LTD	5
COH	3

Averages

Other Specialty Retailers Group	6.3
Retailers Sector	6.3
S&P 500 Index	6.4
Giant Market Cap	6.6

Indicator Trend

	Positive					
	10	10		6	6	5
Neutral						
			3			
Negative						
	1 Y Ago	6 M Ago	3 M Ago	1 M Ago	2 W Ago	Current

Last 5 Years

Best	Worst	Average
10 - (09/02/12)	1 - (12/16/12)	8.3

Indicator Sub-Components

Relative Strength (70% weight)

POSITIVE — 10, 9, 8
NEUTRAL — 7, 6, 5, 4 — KORS (7)
NEGATIVE — 3 (JWN), 3 (LTD), 2 (ROST), 1 (COH)
NO RATING — NR

Seasonality (30%weight)

POSITIVE — 10 (COH), 10 (KORS), 9 (LTD), 8 (ROST), 8 (JWN)
NEUTRAL — 7, 6, 5, 4
NEGATIVE — 3, 2, 1
NO RATING — NR
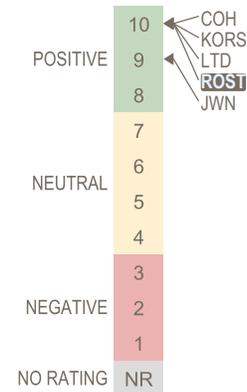
Relative Strength Indicator (scale 1-100, 100 being the best)	ROST	Industry Avg
Last 1 Month	49	49
Last 3 Months	49	50
Last 6 Months	51	50

	Last 10 Years		
	Avg MAR Return	Avg APR Return	Avg MAY Return
Company Avg	5.6%	3.0%	2.0%
Industry Avg	7.3%	5.5%	0.7%
Industry Rank	2 of 116	30 of 116	64 of 116

Price Performance

Daily closing pricing data is used to calculate the price performance of a stock over five periods. The performance of the NASDAQ 100 is also displayed as a means of comparison.

	ROST	NASDAQ 100
1 Week	-4.8%	2.2%
1 Month	-8.4%	1.9%
3 Month	-0.5%	6%
YTD	2.1%	5.2%
1 Year	0.5%	7.4%
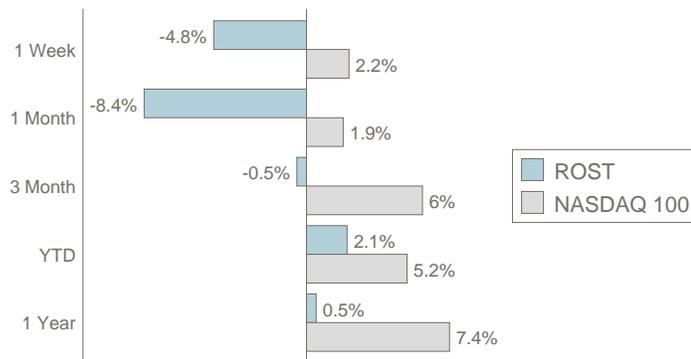
	ROST (USD)	NASDAQ 100
Close Price (03/07/13)	55.23	2799
52-Week High	70.82	2864
52-Week Low	52.01	2459

- On 03/07/13, ROST closed at 55.23, 22.0% below its 52-week high and 6.2% above its 52-week low.
- ROST shares are currently trading 5.4% below their 50-day moving average of 58.36, and 10.7% below their 200-day moving average of 61.87.
- The NASDAQ 100 is currently 2.3% below its 52-week high and 13.9% above its 52-week low.
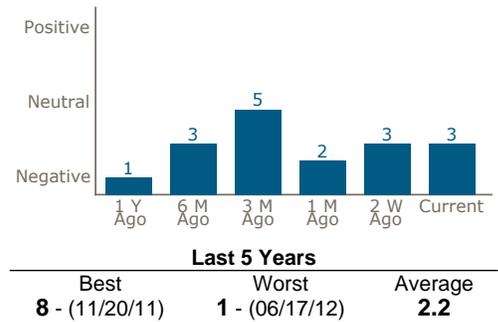
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Insider Trading

Indicator Description

The **Insider Trading Indicator** displays stocks on a scale of 1-10 with 10 being awarded to the strongest stocks based on short-term and long-term legal insider trading behavior. The short-term view (60% weight) focuses primarily on insider transactions within the past 90 days. The long-term view (40% weight) looks at buying, selling and option exercise decisions over the past six months relative to other stocks within the same business sector.
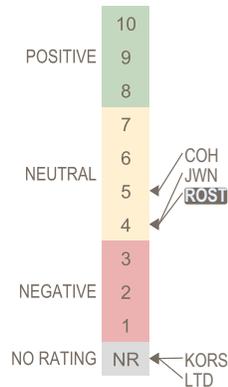
Indicator

INSIDER TRADING

3

Peers	
LTD	8
COH	7
JWN	4
KORS	NR

Averages	
Other Specialty Retailers Group	4.5
Retailers Sector	4.5
S&P 500 Index	3.6
Giant Market Cap	3.4

Indicator Trend

	1 Y Ago	6 M Ago	3 M Ago	1 M Ago	2 W Ago	Current
	1	3	5	2	3	3

Last 5 Years

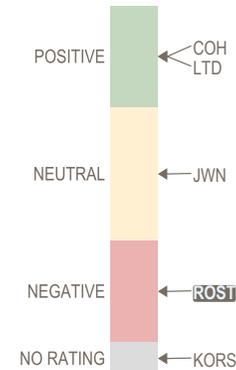| Best	Worst	Average
8 - (11/20/11)	**1** - (06/17/12)	**2.2**

Indicator Sub-Components

Short-Term (60% weight)

Long-Term (40% weight)

Purchases and Sells   (Most recent transactions within the past 90 days)

Name	Role	Tran Date	Tran Type	Shares
Balmuth, Michael	CEO	01/14/13-01/14/13	S	222,388

Last 6 Months

Total Shares Acquired	34,058
Total Shares Disposed	289,524
Net Shares (Acq - Disp)	-255,466
Sector Avg	-169,249

Seasonal Sells - Quarterly & Yearly   (values in USD)

Time-series data for each quarter over the past three years allows you to easily analyze the longer-term trend in open-market insider selling.

Year	Q1	Q2	Q3	Q4	Year Total
2013	12.5M	--	--	--	12.5M
2012	47.1M	6.33M	4.45M	1.12M	59.0M
2011	17.3M	6.75M	0.82M	0.87M	25.7M
2010	10.4M	10.1M	5.73M	4.45M	30.7M

Seasonal Buys - Quarterly & Yearly   (values in USD)

Time-series data for each quarter over the past three years allows you to easily analyze the longer-term trend in open-market insider buying.

Year	Q1	Q2	Q3	Q4	Year Total
2013	0	--	--	--	0
2012	0	0	0	0	0
2011	0	0	0	0	0
2010	0	0	0	0	0

Institutional Holders   (Updated weekly as of 03/02/13)

The top five institutional holders are presented based on the total number of shares held.

Institution	Inst. Type	# Shares Held	Reported Date
Fidelity Management & Research	Inv Mgmt	27.2M	12/31/12
Vanguard Group, Inc.	Inv Mgmt	11.5M	12/31/12
Barclays Global Investors, ...	Inv Mgmt	10.9M	12/31/12
State Street Global Advisor...	Inv Mgmt	8.87M	12/31/12
Enhanced Investment Technol...	Inv Mgmt	7.58M	12/31/12

Top Executive Holders   (Updated monthly as of 01/20/13)

The top five insider holders are presented based on the total number of direct holdings. Indirect holdings are excluded.

Insider Name	Role	# Direct Shares	Values (USD)	Reported Date
Fassio, James S	P	0.49M	28.6M	03/22/12
Rentler, Barbara	P	0.45M	26.1M	04/18/12
O, Sullivan Michael B	P	0.35M	20.4M	09/14/12
Balmuth, Michael	CEO	0.32M	18.8M	01/14/13
Panattoni, Lisa R	O	0.30M	17.5M	04/10/12

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Stock Report (10-Page) Report Tips

The Thomson Reuters Stock Report 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 are updated weekly.

Average Score
The Average Score combines a quantitative analysis of six widely-used investment decision making tools - Earnings, Fundamental, Relative Valuation, Risk, Price Momentum, and Insider Trading. First, a simple average of the six underlying component ratings is calculated. Then, a normal distribution is used to rank each stock 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 six factors may be evaluated differently using alternative methodologies, and the importance of individual factors varies across groups, market capitalization and investment styles. Additional criteria should always be used to evaluate a stock.

A stock must have sufficient data available for at least four of the six component indicators in order to receive an overall Average Score.
- United States Coverage: Of the 4,500 stocks within the Thomson Reuters U.S. universe, approximately 85% typically meet the criteria for generating an Average Score.

Optimized Score
As an alternative to the average score, the Stock Report includes an Optimized Score generated by independent research firm, Verus Analytics. It uses the same six component ratings, but rather than equally weighting each of the factors, the weighting varies by market capitalization of the underlying security based on backtesting research. These scores are also updated weekly and distributed normally on a 1 to 10 scale, with 10 being best. The variable size is assigned monthly by ranking the market capitalization and assigning the appropriate category as follows:

Large - Top 5.55%
Mid - Next 13.87%
Small - Next 34.68%
Micro - Remaining 45.9%

Indicator Components
- The six 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.
- The indicators are updated weekly.

Peer Analysis
- The Thomson Reuters Business Classification (TRBC) system 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, 25 Business Sectors, 52 Industry Groups, and 124 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.

Highlights
The Thomson Reuters proprietary automated text-generation system 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

Indicator
The Earnings Rating is based on a combination of three factors: earnings surprise, estimate revision, and broker recommendation changes. Each factor is equally weighted. A stock needs to have at least two of the three earnings factors in order to receive a final earnings score. The company's current earnings indicator is presented for each factor alongside its four closest industry peers based on similar market capitalization.

- Earnings Surprise - The number of positive and negative surprises, along with the number of in-line announcements within the last 4 quarters.
- Estimate Revision - The number of up and down revisions and the average percentage change of those revisions within a 4 week period.
- Broker Recommendation Changes - The number of upgrades and downgrades in the last 120 days.

Indicator Trend
The best, worst, and average earnings indicator scores over the last five years allow users to put the current score into historical context. The trend graph displays the company-level earnings indicator for six time periods: 1 year ago, 6 months ago, 3 months ago, 1 month ago, 2 weeks ago, and current. If there is no rating, an 'NA' is inserted.

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.

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

Earnings Surprise
- The surprise summary includes the total number of quarters (and percentage) in the past 12 quarters in which earnings surprises were positive, negative, or in-line. In order to be recognized as a 'positive surprise', the surprise percent must be greater than 2% above the consensus. A 'negative surprise' is any surprise that is more than -2% below the consensus. Finally, an 'in-line surprise' is any surprise percent within 2% of the consensus.
- The surprise detail section includes detailed information on a company's quarterly earnings reported for the most recent 6 quarters. The consensus analyst estimate is provided to determine if the actual earnings report represented a positive surprise, negative surprise, or in-line result.

Mean Estimate Trend
The mean estimate trend shows how the consensus has changed over the past 30 and 90 days for the upcoming two quarters 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 First Call Mean is the mean recommendation of all analysts covering the stock. The recommendations are presented on a five-point scale: strong buy, buy, hold, reduce, and sell.

Fundamental

Indicator
The Fundamental Rating is based on a combination of four fundamental component factors: profitability, debt, earnings quality, and dividend. Each factor is equally weighted. A stock needs to have at least three of the four fundamental factors present for a given fiscal quarter in order to receive a final fundamental score. Companies that do not pay a dividend are not penalized. The company's current fundamental indicator is presented for each factor alongside its four closest industry peers based on similar market capitalization.

- 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 / Operating Cash Flow
  - Interest Coverage: (Pre-Tax Income + Interest Expense) / Interest Expense
- Earnings Quality is comprised of two data elements.
  - Days Sales in Inventory: 365 / (Cost of Goods Sold / Inventory)
  - Days Sales in Receivables: 365 / (Net Sales (Revenues) / 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 Funding: Dividends / Operating Cash Flow
  - Dividend Coverage: (Pre-Tax Income + Interest Expense) / (Interest Expense + Dividends)
  - Current Dividend Yield: Annual Dividends per Share / Current Market Price per Share

Indicator Trend
The best, worst and average fundamental indicator scores over the last five years allow users to put the current score into historical context. The trend graph displays the company-level fundamental indicator for the last 6 quarters. If there is no rating, an 'NA' is inserted.

Relative Valuation

Indicator
The Relative Valuation Rating is based on a combination of three component factors: Forward PEG (50% weight), Trailing P/E (25% weight), and Forward P/E (25% weight). 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 present in order to receive a score. The company's current relative valuation indicator is presented for each factor alongside its four closest industry peers based on similar market capitalization.

- Trailing P/E: Close Price / Most Recent 4 Quarters of Earnings
- Forward P/E: Close Price/ Upcoming 4 Quarters of Earnings
- Forward PEG: Forward P/E / Long-Term Forecasted Growth Rate

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Indicator Trend

The best, worst, and average relative valuation indicator scores over the last five years allow users to put the current score into historical context. The trend graph displays the company-level relative valuation indicator for six time periods: 1 year ago, 6 months ago, 3 months ago, 1 month ago, 2 weeks ago, and current. If there is no rating, an 'NA' is inserted.

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 and a maximum value of 5 is placed on Forward PEG 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, and Forward PEG 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 the S&P 500 average are presented. A discount occurs when the company's Trailing P/E, Forward P/E, or Forward PEG is valued more favorably (lower) than that to which it is compared.

Risk

Indicator

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 (40% weight), magnitude of returns (30% weight), beta (20% weight), and correlation (10% weight). A stock needs to have at least two of the four risk factors in order to receive a final score. The company's current risk indicator is presented for each factor alongside its four closest industry peers based on similar market capitalization.

- 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. The average and largest intra-day stock swing is another measure of volatility.
- Beta – Measures how the stock performs versus the broader market based on the beta of the company versus the S&P 500 and the industry group.
- Correlation – Determines how correlated (or not) the stock is to the S&P 500 and the industry group in the last 90 days and last 60 months.

Indicator Trend

The best, worst, and average risk indicator scores over the last five years allow users to put the current score into historical context. The trend graph displays the company-level risk indicator for six time periods: 1 year ago, 6 months ago, 3 months ago, 1 month ago, 2 weeks ago, and current. If there is no rating, an 'NA' is inserted.

Risk and Reward Analysis

Price analysis for the company and the S&P 500 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

Indicator

The Price Momentum Rating is based on a combination of two technical performance factors: relative strength (70% weight) and seasonality (30% weight). A stock needs to have data for the relative strength factor in order to receive a price momentum score. The company's current price momentum indicator is presented for each factor alongside its four closest industry peers based on similar market capitalization.

- 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.

Indicator Trend

The best, worst, and average price momentum indicator scores over the last five years allow users to put the current score into historical context. The trend graph displays the company-level price momentum indicator for six time periods: 1 year ago, 6 months ago, 3 months ago, 1 month ago, 2 weeks ago, and current. If there is no rating, an 'NA' is inserted.

Price Performance

Daily close pricing data is used to calculate the price performance of a stock. The performance of the S&P 500 is also displayed as a means of comparison.

Insider Trading

Indicator

The Insider Trading Rating is based on short-term (60% weight) and long-term (40% weight) legal insider trading behavior. A stock needs to have at least one of the two insider trading factors in order to receive a score. The company's current insider trading indicator is presented for each factor alongside its four closest industry peers based on similar market capitalization.

- Short-Term Insider – Uses insider buy and sell transactions within the past 90 days. This factor is based on the Thomson Reuters quantitative insider trading model that considers the insider's role, consensus, number of shares, market capitalization of the company, and the historic stock performance following trades by the given insider.
- Long-Term Insider – Looks at buying, selling and option exercise decisions over the past six months relative to other stocks within the same business sector. The net shares are presented alongside the business sector average as a means of comparison.

Indicator Trend

The best, worst, and average insider trading indicator scores over the last five years allow users to put the current score into historical context. The trend graph displays the company-level insider trading indicator for six time periods: 1 year ago, 6 months ago, 3 months ago, 1 month ago, 2 weeks ago, and current. If there is no rating, an 'NA' is inserted.

Seasonal $ Sells / Buys

The seasonal $ quarterly and yearly sell / buy section provides time-series data that allows an easy analysis of the longer-term trend in open-market insider buying and selling (option acquisitions are not considered). Data is presented based on the market value of the transactions. Transactions by trusts and corporations are excluded, along with buys greater than $10 million and sales greater than $50 million. The transaction totals within each quarter are the sum of all buys or sells for that time period. Each quarter is a calendar quarter, January through March, April through June, etc. The value for the full year is the sum of each of the four quarterly averages.

Institutional and Executive Holders

The top five institutional and executive holders of the company are listed in descending order, based on their total direct common share holdings (options are not considered). Indirect holdings are excluded, as the owner may not actually have investment discretion over these shares. This table is updated monthly. Insiders who have not filed any transactions or holdings over the past two years are excluded as this may indicate that the individual is no longer associated with the company. Additionally, direct shares held must be greater than 1,000 to be considered.

Insider Roles

AF - Affiliate	CT - Chief Technology Officer	R - Retired
B - Beneficial Owner	D - Director	SH - Shareholder
CB - Chairman	EVP - Exec Vice President	SVP - Senior Vice President
CEO - Chief Executive Officer	GC - General Counsel	T - Trustee
CFO - Chief Financial Officer	O - Officer	TR - Treasurer
CM - Committee Member	OH - Other	VC - Vice Chairman
CO - Chief Operating Officer	P - President	VP - Vice President

Disclaimer

All information in this report is assumed to be accurate to the best of our ability. Past performance is not a guarantee of future results. The information contained in this report is not to be construed as advice and should not be confused as any sort of advice. Thomson Reuters, its employees, officers or affiliates, in some instances, have long or short positions or holdings in the securities or other related investments of companies mentioned herein. Investors should consider this report as only a single factor in making their investment decision.

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