

3M INDIA (3MINDIA-IN)

Consumer Goods Conglomerates / Consumer Goods Conglomerates / Consumer Goods Conglomerates

DETAILED STOCK REPORT

Report Date: 2024-Mar-10

Last Close	Avg Daily Vol	52-Week High	Trailing PE	Annual Div	ROE	LTG Forecast	1-Mo Return
30,480.55 (INR)	5,277	39,876.10	62.9	100.00	25.4%	--	-10.3%
2024 March 07	Market Cap	52-Week Low	Forward PE	Dividend Yield	Annual Rev	Inst Own	3-Mo Return
NSE Exchange	343.4B	21,730.00	60.9	0.3%	41.4B	10.6%	-3.2%

AVERAGE SCORE

NEUTRAL OUTLOOK: 3MINDIA's current score is relatively in-line with the market.

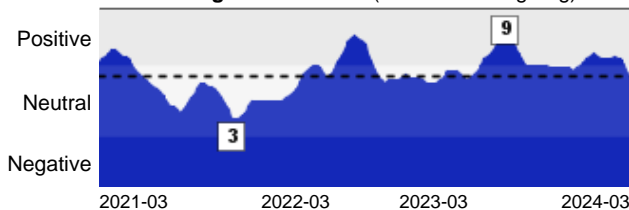
AVERAGE  
SCORE

5

Score Averages

Consumer Goods Conglomerates Group:	6.3	Large Market Cap: 6.8
Consumer Goods Conglomerates Sector:	6.3	BSE Sensex Index: 7.9

Average Score Trend (4-Week Moving Avg)



HIGHLIGHTS

- The score for 3M India last changed from 6 to 5 on 2024-03-03.
- The recent change in the Average Score was primarily due to a decline in the Price Momentum and Earnings component scores.

I/B/E/S MEAN

Strong Buy

1 Analyst

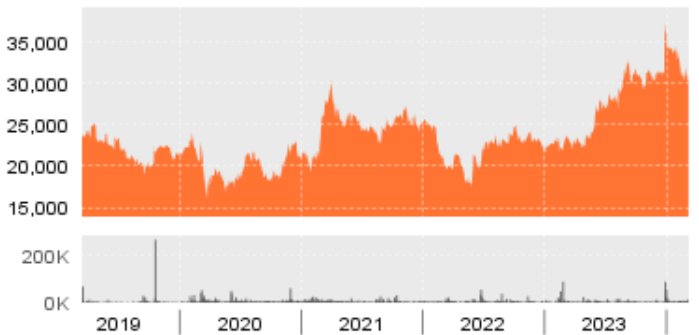
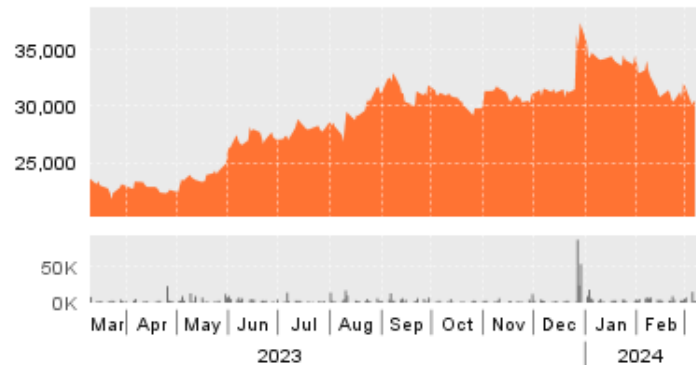
Mean recommendation from all analysts covering the company on a standardized 5-point scale.

Strong Sell	Sell	Hold	Buy	Strong Buy
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PRICE AND VOLUME CHARTS

1-Year Return: 30.2%

5-Year Return: 27.9%



BUSINESS SUMMARY

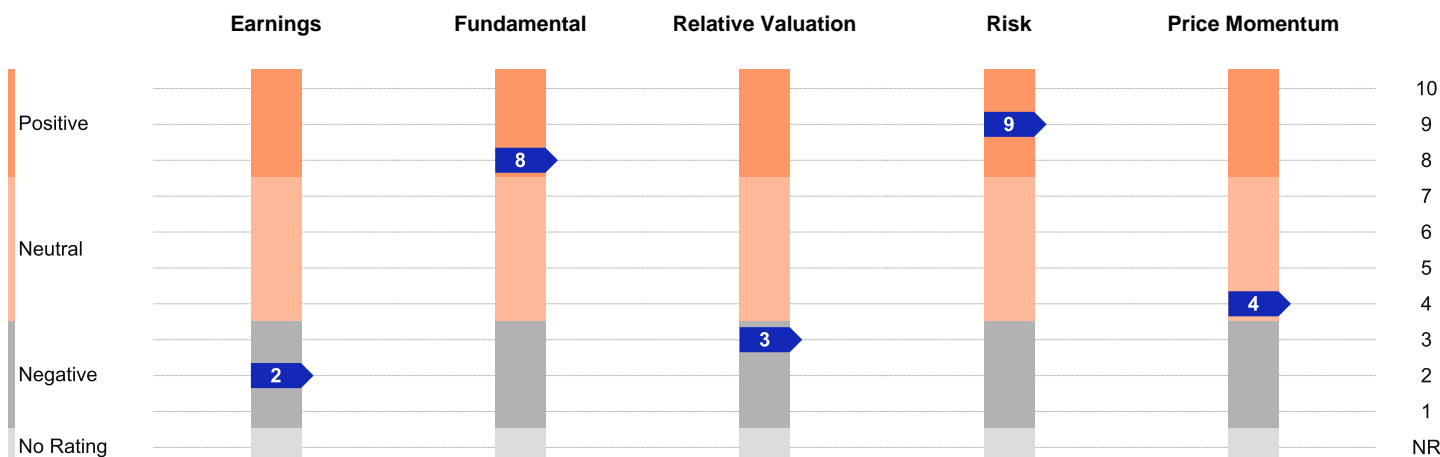
3M India Limited is a diversified technology and science company. The Company's segments include Safety and Industrial; Transportation & Electronics; Health Care, and Consumer. The Safety and Industrial segment include vinyl, polyester, foil and specialty industrial tapes and adhesives. The Health care segment includes medical and surgical supplies, medical devices, skin and wound care and infection prevention products and solutions, drug delivery systems, dental and orthodontic products and food safety products. The Transportation & Electronics segment include personal protection products, brand and asset protection solutions, border control products, passive fire protection products for industries and commercial establishments, track and trace products, cleaning, and hygiene products for the hospitality industry. The Consumer and Office segment includes products, such as Scotch brand, addressing the home and office tapes, adhesives, and packaging protection platforms.

## INDICATOR COMPONENTS

AVERAGE  
SCORE

5

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 be used to evaluate a stock.



## PEER ANALYSIS

Currency in INR

		PRICE MOMENTUM					VALUATION		FUNDAMENTAL		ANALYSTS		
Average Score	Ticker	Price (2024-03-07)	1-Mo Return	3-Mo Return	1-Yr Return	Market Cap	Trailing PE	Forward PE	Dividend Yield	Net Margin	LTG Forecast	I/B/E/S Mean	# of Analysts
5	3MINDIA	30,480.55	-10.3%	-3.2%	30.2%	343.4B	62.9	60.9	0.33%	13.2%	--	Strong Buy	1
6	GODREJIND	817.25	-4.8%	22.4%	86.9%	275.2B	41.0	--	--	4.0%	--	Strong Buy	1
10	NAVA	515.40	2.9%	26.1%	103.6%	74.8B	7.6	--	1.2%	26.1%	--	--	--
3	JPASSOCIAT	17.85	-29.6%	-7.0%	105.2%	43.8B	--	--	--	-19.1%	--	--	--
8	BALMLAWRIE	245.35	-12.9%	49.2%	112.2%	42.0B	18.1	--	3.1%	9.8%	--	--	--
6	JITFINFRA	548.70	-3.6%	-3.6%	499%	14.1B	--	--	--	-0.6%	--	--	--
6.3	Average	5,437.52	-9.7%	14.0%	156.1%	132.2B	32.4	60.9	1.5%	5.6%	--	Strong Buy	1

## PEER COMPANIES

BALMLAWRIE	Balmer Lawrie and Co	JPASSOCIAT	Jaiprakash Associates
GODREJIND	Godrej Industries	NAVA	Nava
JITFINFRA	JITF Infralogistics		

## EARNINGS

## EARNINGS

2

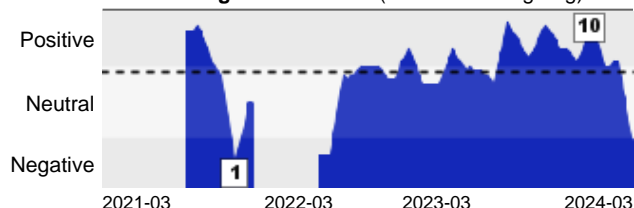
Currency in INR

**NEGATIVE OUTLOOK:** Weak earnings with recent analyst downgrades or a history of missing consensus estimates.

## Earnings Score Averages

Consumer Goods Conglomerates Group:	2.0	Large Market Cap: 6.0
Consumer Goods Conglomerates Sector:	2.0	BSE Sensex Index: 6.8

## Earnings Score Trend (4-Week Moving Avg)



Peers	-6M	-3M	-1M	-1W	Current	1Y Trend
3MINDIA	10	10	3	3	2	
BALMLAWRIE	NR	NR	NR	NR	NR	
GODREJIND	NR	NR	NR	NR	NR	
JPASSOCIAT	NR	NR	NR	NR	NR	
NAVA	NR	NR	NR	NR	NR	

## EARNINGS INDICATORS

## Earnings Surprises

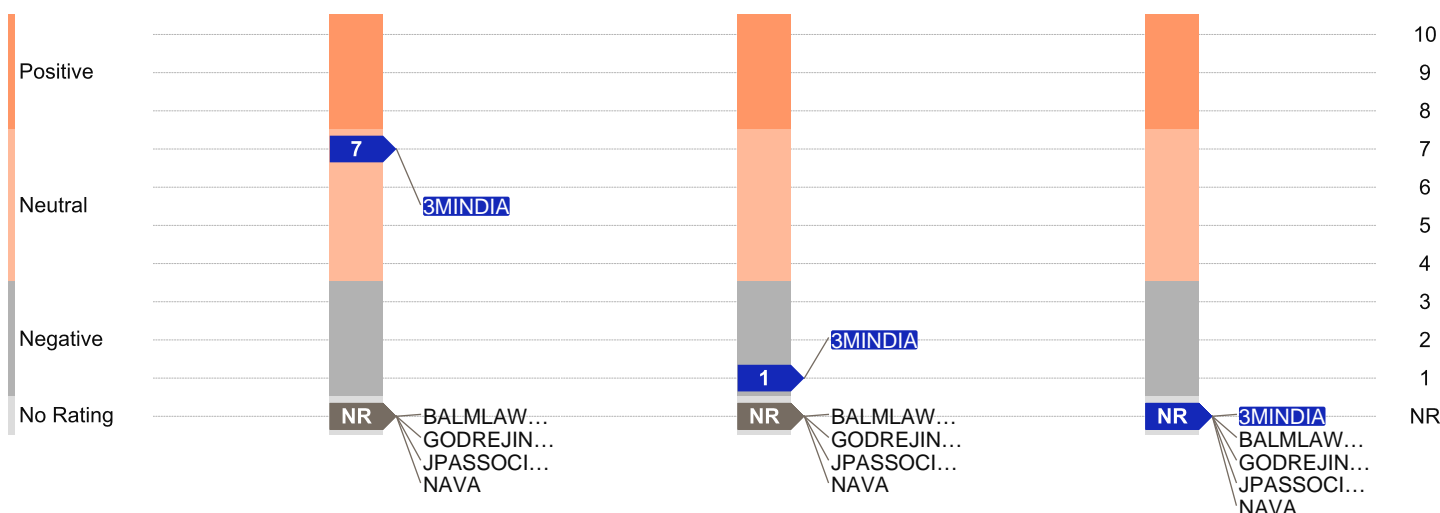
(33.3% weight)

## Estimate Revisions

(33.3% weight)

## Recommendation Changes

(33.3% weight)



## Last 4 Years

# Positive Surprises (>2%)	2
# Negative Surprises (<-2%)	1
# In-Line Surprises (within 2%)	0
Avg Surprise	0.59%

## Last 4 Weeks

# Up Revisions	0
# Down Revisions	1
Avg Up Revisions	0.00%
Avg Down Revisions	-100.0%

## Last 120 Days

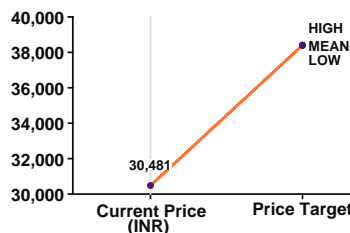
# Broker Upgrades	0
# Broker Downgrades	0

## HIGHLIGHTS

- 3M India currently has an Earnings Rating of 2. The average Earnings Rating for its Consumer Goods Conglomerates industry is 2.0 and the S&P BSE SENSEX index average is 6.8.
- There have been no upward or downward broker recommendation changes for 3M India over the past 120 days.

## 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 Target

Mean (INR)	38,400.00
High	38,400.00
Low	38,400.00
Target vs. Current	26.0%
# of Analysts	1

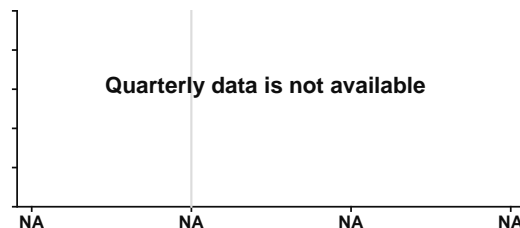
## EARNINGS PER SHARE

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.

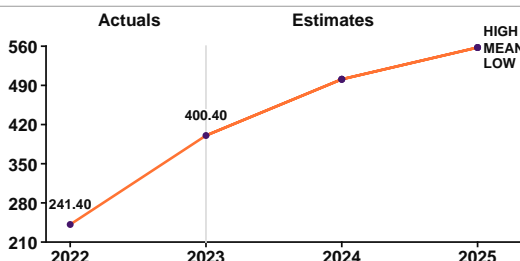
The charts provide a comparison between a company's actual and estimated EPS, including the high and low forecasts.

Actuals Estimates

Quarterly data is not available



Quarterly	--	--
Mean	--	--
High	--	--
Low	--	--
# of Analysts	--	--



Annual	2024	2025
Mean	500.9	557.6
High	500.9	557.6
Low	500.9	557.6
# of Analysts	1	1

## MEAN ESTIMATE TREND

	Q	Q	Y	Y	Price
	--	--	2024	2025	Target
Current	--	--	500.9	557.6	38,400.00
30 Days Ago	--	--	519.4	570.4	37,000.00
90 Days Ago	--	--	519.4	570.4	37,000.00
% Change (90 Days)	--	--	-3.6%	-2.2%	3.8%

Current Fiscal Year End: 24-03

Next Expected Report Date: 2024-05-28

## ANALYST RECOMMENDATIONS

I/B/E/S Mean: **Strong Buy** (1 Analyst)

Strong Buy	1
Buy	0
Hold	0
Sell	0
Strong Sell	0

## 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	66.7%
Negative Years (< -2%)	1	33.3%
In-Line Years (within 2%)	0	--

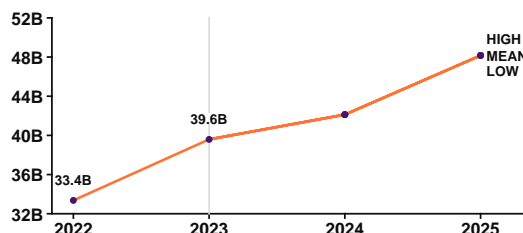
## Surprise Detail (Last 6 Periods)

Surprise Type	Announce Date	Period End Date	Actual EPS	Mean EPS	Surprise (%)
Positive	2023-05-30	2023-03-31	400.4	368.8	8.6%
Positive	2022-05-27	2022-03-31	241.4	206.9	16.7%
Negative	2021-05-28	2021-03-31	144.1	188.3	-23.5%

## 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.

Actuals Estimates



	2024	2025
Mean	42.1B	48.2B
High	42.1B	48.2B
Low	42.1B	48.2B
Forecasted Growth	6.4%	21.6%
# of Analysts	1	1

## FUNDAMENTAL

FUND-  
AMENTAL

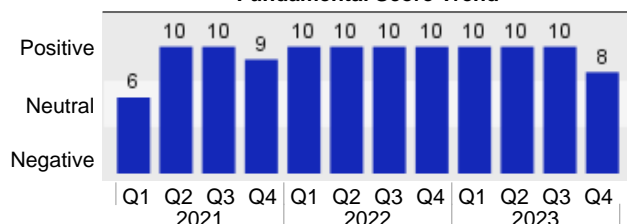
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**POSITIVE OUTLOOK:** Strong fundamentals such as high profit margins, low debt levels, or growing dividends.

## Fundamental Score Averages

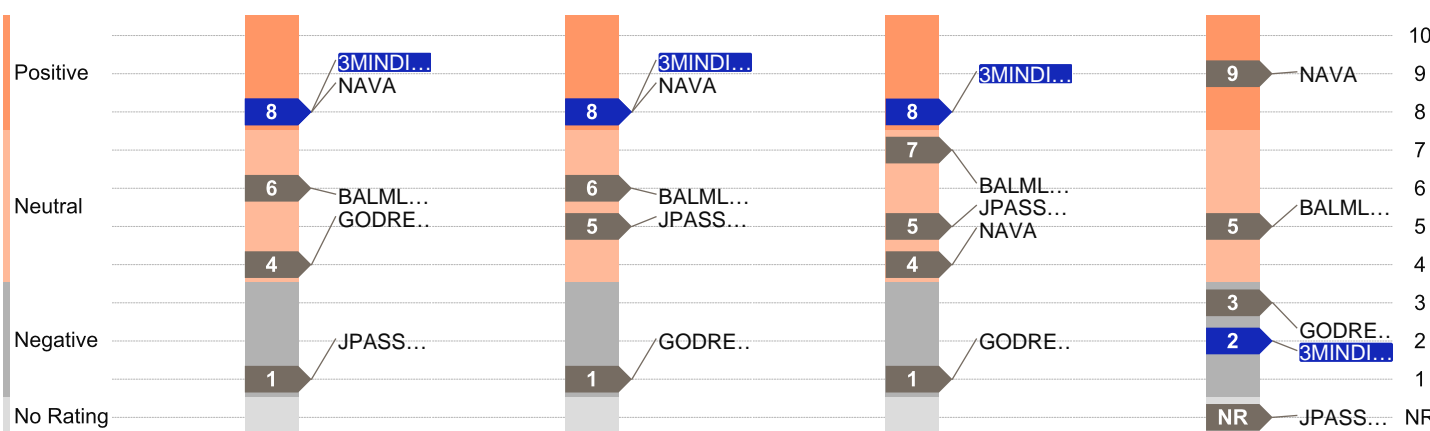
Consumer Goods Conglomerates Group:	5.3	Large Market Cap: 6.4
Consumer Goods Conglomerates Sector:	5.3	BSE Sensex Index: 6.9

## Fundamental Score Trend



Peers	Q1 2023	Q2 2023	Q3 2023	Q4 2023	Current	3Y Trend
NAVA	9	9	9	10	9	
3MINDIA	10	10	10	8	8	
BALMLAWRIE	5	5	5	6	7	
JPASSOCIAT	1	1	1	1	2	
GODREJIND	2	1	1	1	1	

## FUNDAMENTAL INDICATORS

Profitability  
(25% weight)Debt  
(25% weight)Earnings Quality  
(25% weight)Dividend  
(25% weight)

<b>Revenue Growth</b>	7.9%	<b>Current Ratio</b>	2.3	<b>Oper. Cash Yield</b>	-6.7%	<b>Dividend Growth</b>	--
For year over year ending 2023-12		For interim period ending 2023-09		For latest 12 months ending --		For year over year ending --	
<b>Gross Margin</b>	26.1%	<b>Debt-to-Capital</b>	0.8%	<b>Accruals</b>	0.1%	<b>Dividend Payout</b>	20.6%
For latest 12 months ending 2023-12		For annual period ending 2023-03		For latest 12 months ending 2023-03		For latest 12 months ending 2023-12	
<b>Return On Equity</b>	25.4%	<b>Interest Funding</b>	0.4%	<b>Days Sales In Inv.</b>	80.5	<b>Dividend Coverage</b>	0.5
For interim period ending 2023-09		For interim period ending 2023-03		For annual period ending 2023-03		For annual period ending 2023-03	
<b>Net Margin</b>	13.2%	<b>Interest Coverage</b>	237.2	<b>Days Sales In Rec.</b>	59.6	<b>Current Div. Yield</b>	0.3%
For latest 12 months ending 2023-12		For interim period ending 2023-12		For annual period ending 2023-03		For latest 12 months ending 2024-03	

## HIGHLIGHTS

- The Fundamental Rating for 3M India declined significantly over the last quarter from 10 to 8. However, the current rating is still considerably more bullish than the Consumer Goods Conglomerates industry group average of 5.3.
- The return on equity of 25.4% for 3MINDIA is the highest within its Consumer Goods Conglomerates industry group.
- The interest coverage (number of times interest payments are covered by EBIT) of 237.2 for 3MINDIA is the highest within its Consumer Goods Conglomerates industry group.
- The days sales in receivables for 3MINDIA is the lowest within its Consumer Goods Conglomerates industry group.
- Of the 6 firms within the Consumer Goods Conglomerates industry group, 3M India is among 3 companies that pay a dividend. The stock's dividend yield is currently 0.33%.

## RELATIVE VALUATION

**NEGATIVE OUTLOOK:** Multiples significantly above the market or the stock's historic norms.

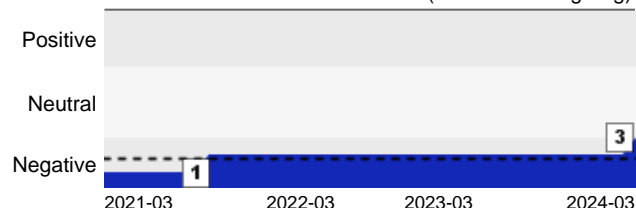
RELATIVE  
VALUATION

3

## Relative Valuation Score Averages

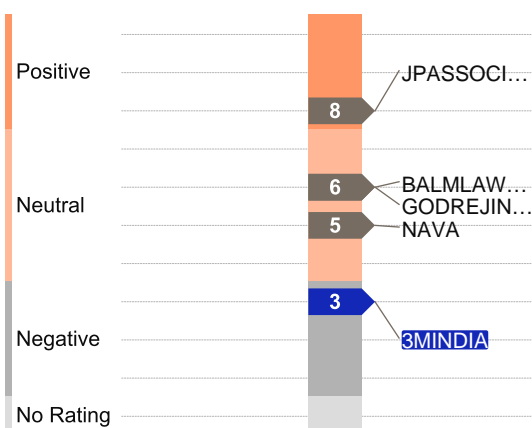
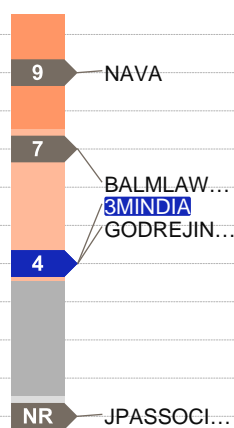
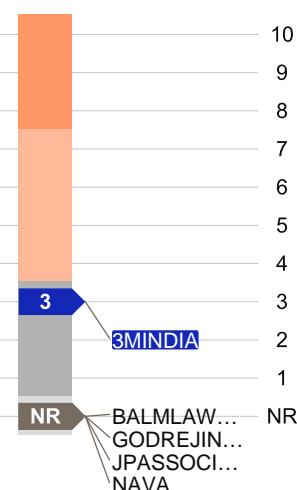
Consumer Goods Conglomerates Group:	6.3	Large Market Cap: 4.5
Consumer Goods Conglomerates Sector:	6.3	BSE Sensex Index: 5.7

## Relative Valuation Score Trend (4-Week Moving Avg)



Peers	-6M	-3M	-1M	-1W	Current	1Y Trend
JPASSOCIAT	9	8	8	8	9	
BALMLAWRIE	7	8	6	7	7	
NAVA	7	8	7	7	7	
GODREJIND	8	7	6	5	5	
3MINDIA	2	2	2	3	3	

## RELATIVE VALUATION INDICATORS

Price to Sales  
(33.3% weight)Trailing PE  
(33.3% weight)Forward PE  
(33.3% weight)

Price to Sales	9.3	Trailing PE	62.9	Forward PE	60.9
5-Yr Average	8.2	5-Yr Average	82.4	5-Yr Average	78.3
Rel. to 5-Yr Avg.	14% Premium	Rel. to 5-Yr Avg.	24% Discount	Rel. to 5-Yr Avg.	22% Discount
BSE Sensex Index	3.6	BSE Sensex Index	25.5	BSE Sensex Index	24.0
Rel. to BSE Sensex	>100% Premium	Rel. to BSE Sensex	>100% Premium	Rel. to BSE Sensex	>100% Premium

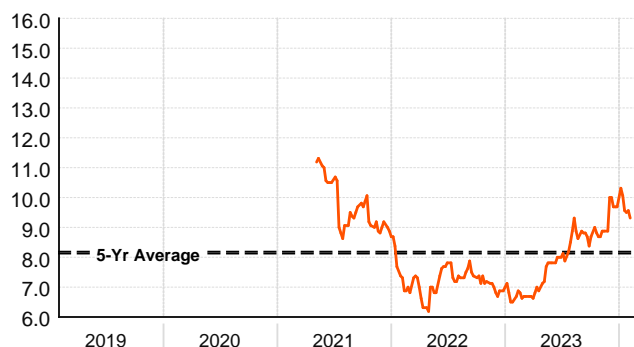
## HIGHLIGHTS

- 3M India currently has a Relative Valuation Rating of 3 which is significantly below the S&P BSE SENSEX index average rating of 5.7.
- 3MINDIA is currently valued at a premium to the S&P BSE SENSEX index based on Price to Sales ratio, Trailing P/E, and Forward P/E.
- 3MINDIA's Price to Sales ratio of 9.3 represents a 14% Premium to its 5-year average of 8.2.
- Based on Trailing P/E, 3MINDIA currently trades at a 49% Premium to its Consumer Goods Conglomerates industry group peers. On average, the company has traded at a >100% Premium over the past five years.
- 3MINDIA's 60.9 Forward P/E is currently at the low end of its 5-year range (lowest 57.4 to highest 100.0).

## PRICE TO SALES

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

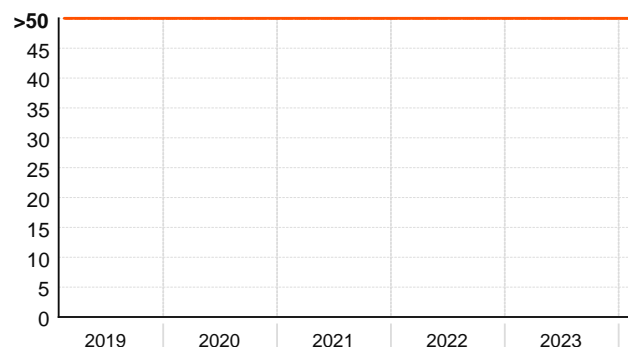
Price to Sales: 9.3  
 5-Year Average: 8.2  
 BSE Sensex Index Average: 3.6  
 Consumer Goods Conglomerates Group Average: 2.3



## TRAILING PE

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

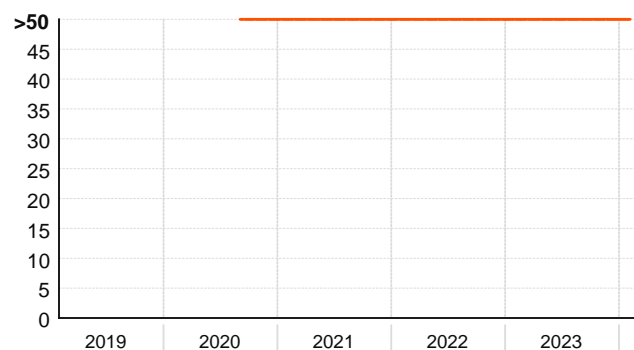
Trailing PE: 62.9  
 5-Year Average: 82.4  
 BSE Sensex Index Average: 25.5  
 Consumer Goods Conglomerates Group Average: 42.1



## FORWARD PE

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

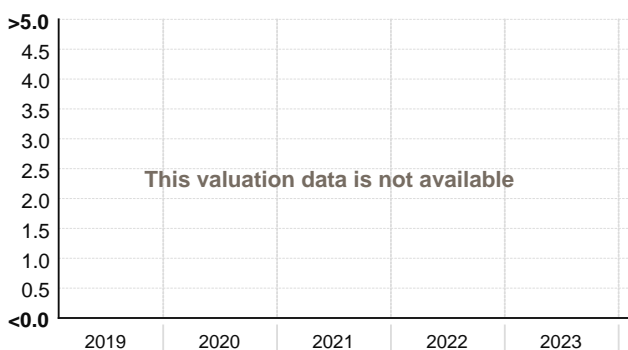
Forward PE: 60.9  
 5-Year Average: 78.3  
 BSE Sensex Index Average: 24.0  
 Consumer Goods Conglomerates Group Average: 100.0



## FORWARD PEG

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

Forward PEG: --  
 5-Year Average: --  
 BSE Sensex Index Average: 1.6  
 Consumer Goods Conglomerates Group Average: --



## RISK

**POSITIVE OUTLOOK:** Consistent return patterns (low volatility).

RISK

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## Risk Score Averages

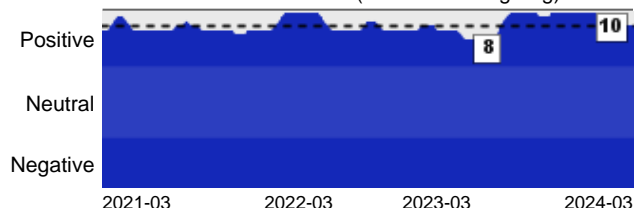
Consumer Goods Conglomerates Group: **7.3**

Large Market Cap: **8.4**

Consumer Goods Conglomerates Sector: **7.3**

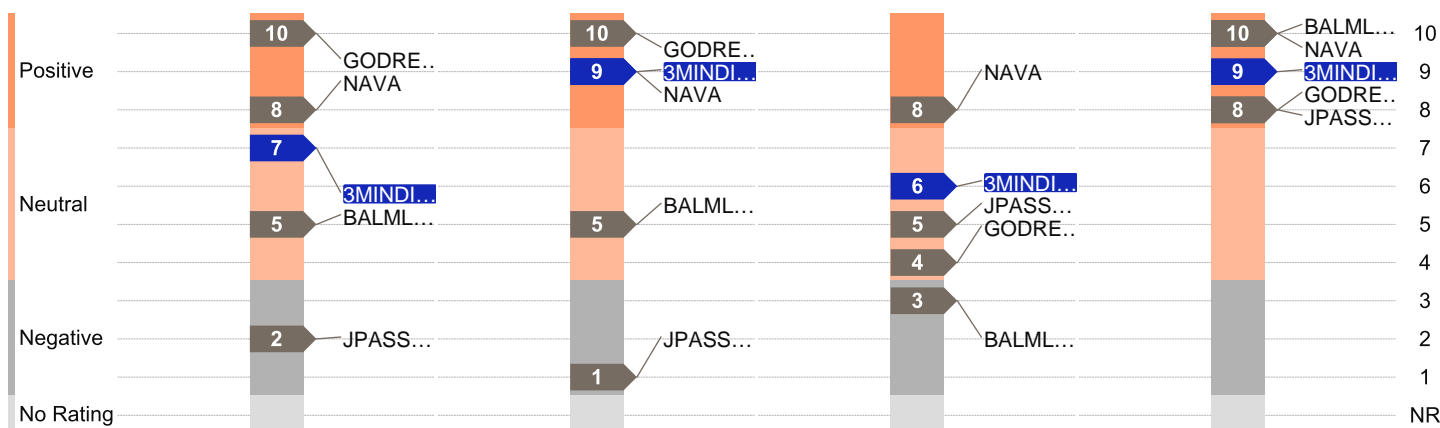
BSE SENSEX Index: **9.5**

Risk Score Trend (4-Week Moving Avg)



Peers	-6M	-3M	-1M	-1W	Current	1Y Trend
NAVA	8	9	10	10	10	
<b>3MINDIA</b>	<b>10</b>	<b>10</b>	<b>9</b>	<b>9</b>	<b>9</b>	
GODREJIND	9	7	9	9	9	
BALMLAWRIE	10	9	6	6	6	
JPASSOCIAT	3	2	3	3	3	

## RISK INDICATORS

Magnitude of Returns  
(25% weight)Volatility  
(25% weight)Beta (1-year)  
(25% weight)Correlation  
(25% weight)

## Daily Returns (Last 90 Days)

Best 15.7%  
Worst -3.9%

## Standard Deviation

Last 90 Days 2.73  
Last 60 Months 8.66

## Beta vs. BSE SENSEX

0.48  
Positive Days Only 0.37  
Negative Days Only 0.97

## Correlation vs. BSE SENSEX

Last 90 Days 28%  
Last 60 Months 36%

## Monthly Returns (Last 60 Months)

Best 33.3%  
Worst -16.1%

## Intra-Day Swing (Last 90 Days)

Average 3.1%  
Largest 16.1%

## Beta vs. Group

0.42  
Positive Days Only 0.44  
Negative Days Only 0.45

## Correlation vs. Group

Last 90 Days 29%  
Last 60 Months 27%

## HIGHLIGHTS

- 3M India currently has a Risk Rating of 9 while the S&P BSE SENSEX index has an average rating of 9.5.
- On days when the market is up, 3MINDIA tends to lag the S&P BSE SENSEX index. On days when the market is down, the stock generally performs in-line with the index.
- In both short-term and long-term periods, 3MINDIA has shown average correlation (> 0.2 and < 0.4) with the S&P BSE SENSEX index. Thus, this stock would provide only average levels of diversification to a portfolio similar to the broader market.
- Over the last 90 days, 3MINDIA shares have been more volatile than the overall market. The stock's daily price fluctuations have exceeded that of all S&P BSE SENSEX index firms.

## RISK ANALYSIS

Peers	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
<b>3MINDIA</b>	<b>15.7%</b>	<b>-3.9%</b>	<b>28</b>	<b>35</b>	<b>16.1%</b>	<b>33.3%</b>	<b>-16.1%</b>
BALMLAWRIE	20.0%	-10.2%	37	26	15.9%	38.3%	-22.2%
GODREJIND	5.6%	-4.1%	32	31	9.7%	31.0%	-27.8%
JPASSOCIAT	9.8%	-9.1%	29	33	15.5%	100.0%	-44.7%
NAVA	6.1%	-4.8%	34	29	10.8%	35.9%	-47.3%
<b>BSE SENSEX</b>	<b>1.8%</b>	<b>-2.2%</b>	<b>39</b>	<b>23</b>	<b>2.6%</b>	<b>14.4%</b>	<b>-23.1%</b>



## PRICE MOMENTUM

PRICE  
MOMENTUM

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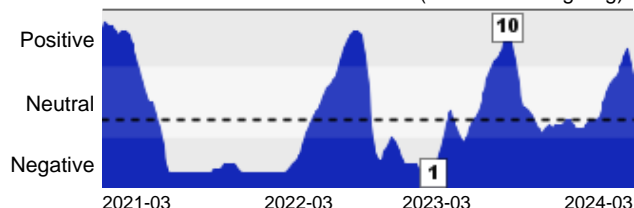
Currency in INR

**NEUTRAL OUTLOOK:** Performance relatively in-line with the market.

## Price Momentum Score Averages

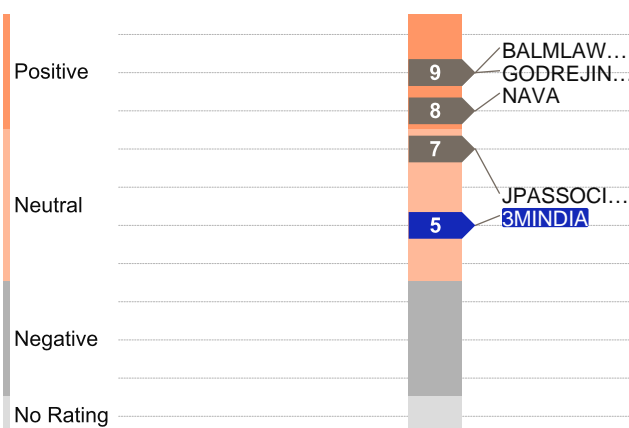
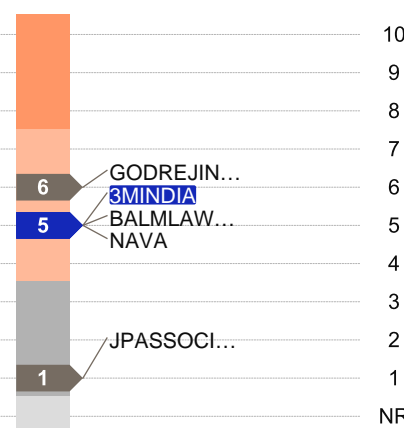
Consumer Goods Conglomerates Group:	6.0	Large Market Cap: 6.4
Consumer Goods Conglomerates Sector:	6.0	BSE Sensex Index: 5.6

## Price Momentum Score Trend (4-Week Moving Avg)



Peers	-6M	-3M	-1M	-1W	Current	1Y Trend
BALMLAWRIE	4	2	7	8	8	
GODREJIND	1	3	8	8	8	
NAVA	5	3	7	7	7	
<b>3MINDIA</b>	<b>4</b>	<b>4</b>	<b>8</b>	<b>4</b>	<b>4</b>	
JPASSOCIAT	3	6	6	4	3	

## PRICE MOMENTUM INDICATORS

Relative Strength  
(50% weight)Seasonality  
(50% weight)

## Relative Strength Indicator (Scale from 1 to 100)

	3MINDIA	Industry Avg
Last 10 Days	42	46
Last 50 Days	47	53
Last 200 Days	52	55

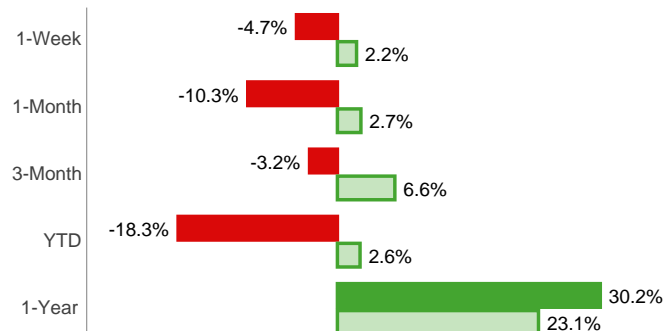
## Average Monthly Return (Last 10 Years)

	Mar	Apr	May
Company Avg	2.2%	2.2%	3.2%
Industry Avg	-1.5%	6.4%	2.6%
Industry Rank	36 of 100	73 of 98	37 of 99

## PRICE PERFORMANCE

Daily close prices are used to calculate the performance of the stock as compared to a relevant index over five time periods.

3MINDIA  
BSE Sensex



	3MINDIA	BSE Sensex
Close Price (2024-03-07)	30,480.55	74,120
52-Week High	39,876.10	74,119
52-Week Low	21,730.00	57,527

- The Price Momentum Rating for 3M India decreased significantly over the past week from 8 to 4.
- On 2024-03-07, 3MINDIA closed at 30,480.55, 23.6% below its 52-week high and 40.3% above its 52-week low.
- 3MINDIA shares are currently trading 7.4% below their 50-day moving average of 32,926.25, and 0.40% below their 200-day moving average of 30,598.36.

## DETAILED STOCK REPORT TIPS

The Stock Report from LSEG 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 classified within that industry.

**Highlights**

The automated text-generation system from LSEG 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 surprises, estimate revisions, 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.

**Earnings Per Share**

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 LSEG. The recommendations are presented on a five-point standardized scale: strong buy, buy, hold, sell, and strong 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**

- 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**

- 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**

- 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**

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)
- 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, Trailing P/E, and Forward P/E. Each factor is equally weighted. Equal deciles are then 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

**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 relevant 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.

**Risk**

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 and seasonality. The factors are equally weighted. Equal deciles are then 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 10 days, 50 days, and 200 days 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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