**ADANI PORTS AND SPECIAL (ADANIPORTS-IN)**
Transportation / Transport Infrastructure / Marine Port Services

**Last Close** 795.40 (INR)

2023 November 03 NSE Exchange

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avg Daily Vol</td>
<td>3.3M</td>
</tr>
<tr>
<td>52-Week High</td>
<td>916.00</td>
</tr>
<tr>
<td>Trailing PE</td>
<td>26.7</td>
</tr>
<tr>
<td>Annual Div</td>
<td>5.00</td>
</tr>
<tr>
<td>ROE</td>
<td>12.7%</td>
</tr>
<tr>
<td>LTG Forecast</td>
<td>22.1%</td>
</tr>
<tr>
<td>1-Mo Return</td>
<td>-4.3%</td>
</tr>
<tr>
<td>Market Cap</td>
<td>1.7T</td>
</tr>
<tr>
<td>52-Week Low</td>
<td>395.10</td>
</tr>
<tr>
<td>Forward PE</td>
<td>18.9</td>
</tr>
<tr>
<td>Dividend Yield</td>
<td>0.6%</td>
</tr>
<tr>
<td>Annual Rev</td>
<td>220.4B</td>
</tr>
<tr>
<td>Inst Own</td>
<td>20.4%</td>
</tr>
<tr>
<td>3-Mo Return</td>
<td>2.9%</td>
</tr>
</tbody>
</table>

**AVERAGE SCORE**

**POSITIVE OUTLOOK:** ADANIPORTS's current score of 9 places it within the top 15% of stocks scored.

**HIGHLIGHTS**
- The score for Adani Ports and Special has been on a positive trend from 5 to 9 over the past 13 weeks.
- The recent change in the Average Score was primarily due to an improvement in the Price Momentum and Earnings component scores.

**I/B/E/S MEAN**

**Strong Buy**
18 Analysts
Mean recommendation from all analysts covering the company on a standardized 5-point scale.

**PRICE AND VOLUME CHARTS**

**BUSINESS SUMMARY**

Adani Ports and Special Economic Zone Limited is an India-based integrated ports and logistics company. The Company’s segments include Port and special economic zone (SEZ) activities, and Others. The Port and SEZ activities segment is engaged in developing, operating and maintaining the ports services, ports related infrastructure development activities and development of infrastructure at contiguous special economic zone. The Others segment represents mainly logistics, transportation and utility business. Its ports to logistics platform comprises port facilities and integrated logistics capabilities, including multimodal logistics parks, grade A warehouses, and industrial economic zones. The Company develops and operates approximately 12 ports and terminals on the west coast and east coast of India. It is also developing two transshipment ports at Vizhinjam, Kerala, and Colombo, Sri Lanka. The Company is also operating the Haifa Port in Israel.
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.
EARNINGS INDICATORS

- Positive
- Neutral
- Negative
- No Rating

Earnings Surprises
(33.3% weight)

Positive
Neutral
Negative
No Rating

ADANIPORTS
ATL
DREDGECORP
DUKEOFS
JSWINFRA

Estimate Revisions
(33.3% weight)

Last 4 Quarters
Last 4 Weeks
Last 120 Days

Recommendation Changes
(33.3% weight)

HIGHLIGHTS

- Adani Ports and Special currently has an Earnings Rating of 8. The average Earnings Rating for its Marine Port Services industry is 7.0 and the S&P BSE SENSEX index average is 7.1.
- ADANIPORTS's current quarter consensus estimate has remained relatively unchanged over the past 90 days at 9.02. Estimates within its industry have moved an average of 0.0% during the same time period.
- During the past four weeks, analysts covering ADANIPORTS have made no upward or downward EPS estimate revisions for the current quarter.

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) | 906.00 |
| High      | 1,050.00 |
| Low       | 765.00 |
| Target vs. Current | 13.9% |
| # of Analysts | 22 |

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

MEAN ESTIMATE TREND

<table>
<thead>
<tr>
<th></th>
<th>Q23-09</th>
<th>Q23-12</th>
<th>Y2024</th>
<th>Y2025</th>
<th>Price Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current</td>
<td>9.020</td>
<td>8.600</td>
<td>37.340</td>
<td>44.780</td>
<td>906.00</td>
</tr>
<tr>
<td>30 Days Ago</td>
<td>9.020</td>
<td>8.600</td>
<td>37.340</td>
<td>44.780</td>
<td>898.00</td>
</tr>
<tr>
<td>90 Days Ago</td>
<td>9.020</td>
<td>8.600</td>
<td>37.340</td>
<td>44.780</td>
<td>849.00</td>
</tr>
<tr>
<td>% Change (90 Days)</td>
<td>0.00%</td>
<td>0.00%</td>
<td>-0.90%</td>
<td>-0.90%</td>
<td>6.7%</td>
</tr>
</tbody>
</table>

ANALYST RECOMMENDATIONS

I/B/E/S Mean: Strong Buy (18 Analysts)

Surprise Summary (Last 12 Quarters)

<table>
<thead>
<tr>
<th>Surprise Type</th>
<th>Amount</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Positive Quarters (&gt; 2%)</td>
<td>4</td>
<td>33.3%</td>
</tr>
<tr>
<td>Negative Quarters (&lt; -2%)</td>
<td>8</td>
<td>66.7%</td>
</tr>
<tr>
<td>In-Line Quarters (within 2%)</td>
<td>0</td>
<td>--</td>
</tr>
</tbody>
</table>

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 12 Quarters)

<table>
<thead>
<tr>
<th>Surprise Type</th>
<th>Amount</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Positive</td>
<td>4</td>
<td>33.3%</td>
</tr>
<tr>
<td>Negative</td>
<td>8</td>
<td>66.7%</td>
</tr>
</tbody>
</table>

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.
FUNDAMENTAL OUTLOOK: Fundamentals relatively in-line with the market.

Fundamental Score Averages
- Transport Infrastructure Group: 6.2
- Transportation Sector: 5.7
- Large Market Cap: 6.5
- BSE Sensex Index: 7.0

<table>
<thead>
<tr>
<th>Peers</th>
<th>Q4 2022</th>
<th>Q1 2023</th>
<th>Q2 2023</th>
<th>Q3 2023</th>
<th>Current</th>
<th>3Y Trend</th>
</tr>
</thead>
<tbody>
<tr>
<td>DUKEOFS</td>
<td>3</td>
<td>3</td>
<td>7</td>
<td>9</td>
<td>8</td>
<td>----------</td>
</tr>
<tr>
<td>ADANIPORTS</td>
<td>7</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td>7</td>
<td>----------</td>
</tr>
<tr>
<td>ATL</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>7</td>
<td>----------</td>
</tr>
<tr>
<td>JSWINFRA</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>5</td>
<td>----------</td>
</tr>
<tr>
<td>DREDGECORP</td>
<td>6</td>
<td>3</td>
<td>9</td>
<td>7</td>
<td>3</td>
<td>----------</td>
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</tbody>
</table>

FUNDAMENTAL INDICATORS

<table>
<thead>
<tr>
<th>Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenue Growth</td>
<td>29.0%</td>
</tr>
<tr>
<td>Current Ratio</td>
<td>1.3</td>
</tr>
<tr>
<td>Oper. Cash Yield</td>
<td>118.4%</td>
</tr>
<tr>
<td>Dividend Growth</td>
<td>--</td>
</tr>
<tr>
<td>Gross Margin</td>
<td>57.1%</td>
</tr>
<tr>
<td>Debt-to-Capital</td>
<td>51.2%</td>
</tr>
<tr>
<td>Accruals</td>
<td>15.5%</td>
</tr>
<tr>
<td>Dividend Payout</td>
<td>17.2%</td>
</tr>
<tr>
<td>Return On Equity</td>
<td>12.7%</td>
</tr>
<tr>
<td>Interest Funding</td>
<td>17.5%</td>
</tr>
<tr>
<td>Days Sales In Inv.</td>
<td>28.4%</td>
</tr>
<tr>
<td>Dividend Coverage</td>
<td>13.3%</td>
</tr>
<tr>
<td>Net Margin</td>
<td>28.4%</td>
</tr>
<tr>
<td>Interest Coverage</td>
<td>4.5</td>
</tr>
<tr>
<td>Days Sales In Rec.</td>
<td>95.1</td>
</tr>
<tr>
<td>Current Div. Yield</td>
<td>0.6%</td>
</tr>
</tbody>
</table>

HIGHLIGHTS
- Adani Ports and Special currently has a Fundamental Rating of 7. The average Fundamental Rating for its Transport Infrastructure industry group is 6.2 and the S&P BSE SENSEX index average is 7.0.
- The company's gross margin has been higher than its industry group average for each of the past five years.
- The company's debt-to-capital has been higher than its industry group average for each of the past five years.
- The operating cash yield for the company is at its five-year high.
- Of the 15 firms within the Transport Infrastructure industry group, Adani Ports and Special is among 6 companies that pay a dividend. The stock's dividend yield is currently 0.65%.
RELATIVE VALUATION

NEUTRAL OUTLOOK: Multiples relatively in-line with the market.

Relative Valuation Score Averages
- Transport Infrastructure Group: 5.5
- Transportation Sector: 5.8
- Large Market Cap: 4.5
- BSE Sensex Index: 5.3

Relative Valuation Score Trend (4-Week Moving Avg)

Positive
Neutral
Negative

2020-10 2021-10 2022-10 2023-10

Peers
ATL NR NR NR 8
DREDGECORP 6 4 6 6 6
ADANIPORTS 4 4 5 5 5
DUKEOFS 5 4 3 3 3
JSWINFRA NR NR NR 2 2

RELATIVE VALUATION INDICATORS

Price to Sales (33.3% weight)
- ATL
- DREDGECORP
- ADANIPORTS
- DUKEOFS
- JSWINFRA

Trailing PE (33.3% weight)
- ATL
- DREDGECORP
- ADANIPORTS
- DUKEOFS
- JSWINFRA

Forward PE (33.3% weight)
- ATL
- DREDGECORP
- ADANIPORTS
- DUKEOFS
- JSWINFRA

HIGHLIGHTS
- Adani Ports and Special currently has a Relative Valuation Rating of 5 while the S&P BSE SENSEX Index has an average rating of 5.3.
- ADANIPORTS’s Price to Sales ratio of 7.6 represents a 9% Discount to its 5-year average of 8.4.
- ADANIPORTS’s Trailing P/E of 26.7 represents a 3% Premium to its 5-year average of 25.9.
- ADANIPORTS’s Forward P/E of 18.9 represents a 4% Discount to its 5-year average of 19.8.
**PRICE TO SALES**
The most recent week's close price divided by the revenue per share.

- Price to Sales: 7.6
- 5-Year Average: 8.4
- BSE Sensex Index Average: 3.4
- Transport Infrastructure Group Average: 7.4

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

- Trailing PE: 26.7
- 5-Year Average: 25.9
- BSE Sensex Index Average: 22.6
- Transport Infrastructure Group Average: 35.1

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

- Forward PE: 18.9
- 5-Year Average: 19.8
- BSE Sensex Index Average: 21.2
- Transport Infrastructure Group Average: 28.1

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

- Forward PEG: 0.9
- 5-Year Average: 0.9
- BSE Sensex Index Average: 1.3
- Transport Infrastructure Group Average: 5.0
**POSITIVE OUTLOOK:** Consistent return patterns (low volatility).

**RISK INDICATORS**

- **Magnitude of Returns** (25% weight)
  - Positive: ADANIPORTS (9), DUKEOFS (10), ATL (NR)
  - Neutral: DREDGECORP (9), DUKEOFS (5), DREDGECORP (4), ATL (NR)
  - Negative: DREDGECORP (2), ATL (NR)
  - No Rating: JSWINFRA (NR)

- **Volatility** (25% weight)
  - Positive: ADANIPORTS (10), DUKEOFS (10), ATL (NR)
  - Neutral: DREDGECORP (6), DUKEOFS (6), DREDGECORP (6), ATL (NR)
  - Negative: DREDGECORP (4), ATL (NR)
  - No Rating: JSWINFRA (NR)

- **Beta (1-year)** (25% weight)
  - Positive: ADANIPORTS (10), DUKEOFS (10), DREDGECORP (10), ATL (NR)
  - Neutral: DUKEOFS (6), DREDGECORP (4), ATL (NR)
  - Negative: ATL (NR)
  - No Rating: JSWINFRA (NR)

- **Correlation** (25% weight)
  - Positive: ADANIPORTS (10), DUKEOFS (10), DREDGECORP (10)
  - Neutral: DUKEOFS (6), DREDGECORP (4), ATL (NR)
  - Negative: ATL (NR)
  - No Rating: JSWINFRA (NR)

**HIGHLIGHTS**

- Adani Ports and Special currently has a Risk Rating of 9 while the S&P BSE SENSEX index has an average rating of 9.7.
- On days when the market is up, ADANIPORTS shares tend to outperform the S&P BSE SENSEX index. However, on days when the market is down, the shares generally decrease by more than the index.
- In the short term, ADANIPORTS has shown average correlation (>= 0.2 and < 0.4) with the S&P BSE SENSEX index. The stock has, however, shown high correlation (>= 0.4) with the market in the long term.
- Over the last 90 days, ADANIPORTS 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**

- **Last 90 Days**
  - Peers
    - ADANIPORTS: 7.0% to -4.9%, 31 days up, 5.9% largest intra-day swing
  - ATL: 12.7% to -7.3%, 23 days up, 13.6% largest monthly return
  - DREDGECORP: 17.5% to -9.1%, 35 days up, 16.6% largest monthly return
  - DUKEOFS: 5.0% to -5.0%, 30 days up, 10.0% largest daily return
  - JSWINFRA: -- -- -- --
  - BSE Sensex: 1.0% to -1.4%, 33 days up, 5.9% largest monthly return

- **Last 60 Months**
  - Peers
    - ADANIPORTS: 29.1% to -26.6%, 31 days up, 5.9% largest intra-day swing
  - ATL: 12.7% to -7.3%, 23 days up, 13.6% largest monthly return
  - DREDGECORP: 57.1% to -48.4%, 35 days up, 16.6% largest monthly return
  - DUKEOFS: 59.2% to -42.3%, 30 days up, 10.0% largest daily return
  - JSWINFRA: -- -- -- --
  - BSE Sensex: 29.1% to -26.6%, 31 days up, 5.9% largest monthly return
**PRICE MOMENTUM**

**POSITIVE OUTLOOK:** Strong recent price performance or entering historically favorable seasonal period.

**Price Momentum Score Averages**

| Transport Infrastructure Group: | 5.6 |
| BSE Sensex Index: | 4.5 |

| Large Market Cap: | 5.2 |

**Peers**

<table>
<thead>
<tr>
<th>-6M</th>
<th>-3M</th>
<th>-1M</th>
<th>-1W</th>
<th>Current</th>
<th>1Y Trend</th>
</tr>
</thead>
<tbody>
<tr>
<td>-6M</td>
<td>-3M</td>
<td>-1M</td>
<td>-1W</td>
<td>Current</td>
<td>1Y Trend</td>
</tr>
<tr>
<td>DREDGECORP</td>
<td>1</td>
<td>1</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>ADANIPORTS</td>
<td>1</td>
<td>1</td>
<td>7</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>DUKEOFS</td>
<td>3</td>
<td>1</td>
<td>3</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>ATL</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>10</td>
<td>6</td>
</tr>
<tr>
<td>JSWINFRA</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
<td>NR</td>
</tr>
</tbody>
</table>

**PRICE MOMENTUM INDICATORS**

**Relative Strength (50% weight)**

- Positive: DREDGECORP
- Neutral: ADANIPORTS, DUKEOFS
- Negative: ATL
- No Rating: JSWINFRA

**Seasonality (50% weight)**

- Positive: DREDGECORP
- Neutral: ADANIPORTS, DUKEOFS
- Negative: ATL
- No Rating: JSWINFRA

**Average Monthly Return (Last 10 Years)**

<table>
<thead>
<tr>
<th>Nov</th>
<th>Dec</th>
<th>Jan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company Avg</td>
<td>2.3%</td>
<td>2.2%</td>
</tr>
<tr>
<td>Industry Avg</td>
<td>5.1%</td>
<td>14.1%</td>
</tr>
<tr>
<td>Industry Rank</td>
<td>18 of 98</td>
<td>6 of 98</td>
</tr>
</tbody>
</table>

**PRICE PERFORMANCE**

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

- **ADANIPORTS**
  - 1-Week: -4.3%
  - 1-Month: -1.4%
  - 3-Month: -0.1%
  - YTD: -2.8%
  - 1-Year: -4.6%

- **BSE 100**
  - 1-Week: 1.7%
  - 1-Month: 1.3%
  - 3-Month: 2.9%
  - YTD: 7.3%
  - 1-Year: 7%

**ADANI PORTS AND SPECIAL (ADANIPORTS-IN)**

Transportation / Transport Infrastructure / Marine Port Services

**Report Date:** 2023-Nov-03

- Adani Ports and Special has a Price Momentum Rating of 8, which is significantly above the S&P BSE SENSEX index average rating of 4.5.
- On 2023-11-03, ADANIPORTS closed at 795.40, 13.2% below its 52-week high and 101.3% above its 52-week low.
- ADANIPORTS shares are currently trading 2.0% below their 50-day moving average of 811.99, and 10.2% above their 200-day moving average of 721.59.
ADANI PORTS AND SPECIAL (ADANIPORTS-IN)
Transportation / Transport Infrastructure / Marine Port Services

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 these 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 weights 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.

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 quarters (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 weights 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 Coverage: (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 - Investment 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 company. 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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