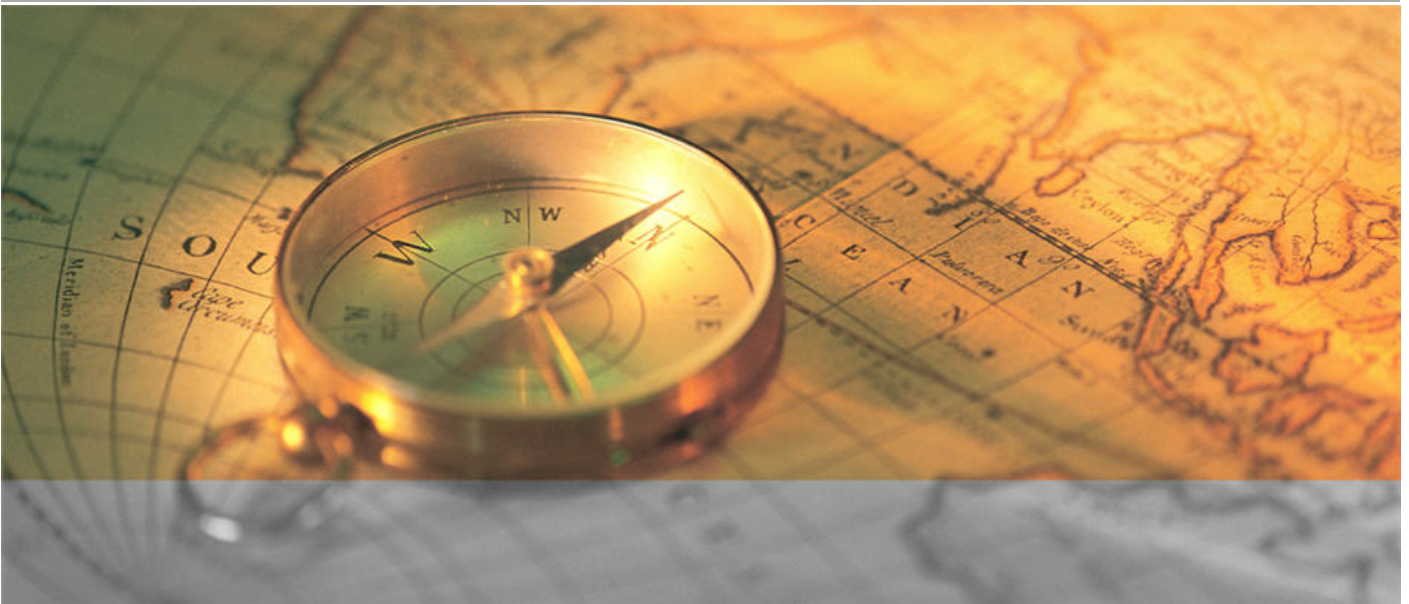


SECTOR

Broadcasting & Entertainment

Analysis and Synthesis - World



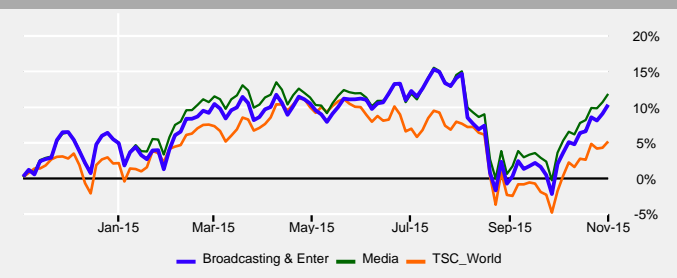
November 3, **2015**



Broadcasting & Entertainment (WO)

Closing price of November 3, 2015

Comparison [November 4, 2014 - November 3, 2015]



The sector Broadcasting & Entertainment represents approximately 70% of the market capitalization of the group Media and approximately 2% of the World market with 88 companies being regularly followed by the Screener.

The sector Broadcasting & Entertainment is currently trading close to its 52 week high and 13% above its 52 week low (bi-weekly closing).

Performance since November 4, 2014: 10.1% vs. 11.7% for the group Media and 5.0% for the TSC_World.

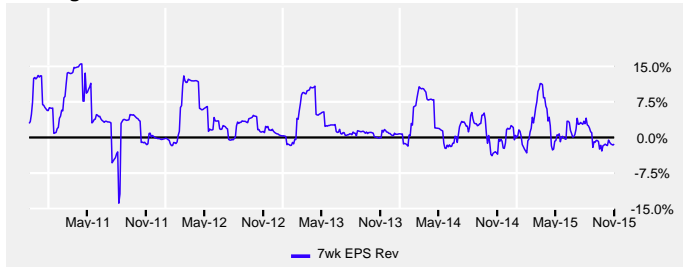
The current % of stocks over their Medium Term technical trend (MTT) is 52.3%.

| | Market Value | Perf YtD | Nb of Stocks | Mkt Cap in \$bn | Stars | Risk Zone | G/PE Ratio | LT P/E | LT Growth | 4wk Perf | % of Stocks in Uptrend |
|---|--------------|----------|--------------|-----------------|-------|-----------|------------|--------|-----------|----------|------------------------|
| Broadcasting & Entertainment | 150.51 | 4.6% | 88 | 1,107.07 | ★★★★☆ | 📈 | 1.11 | 16.7 | 17.0% | 1.7% | 52.3% |
| Media (WO) | 122.15 | 6.0% | 175 | 1,529.05 | ★★★★☆ | 📈 | 1.09 | 16.5 | 16.1% | 1.4% | 52.0% |
| TSC_World (WO) | 238.32 | 3.0% | 6,051 | 55,660.96 | ★★★★☆ | 📈 | 1.10 | 15.5 | 14.4% | 4.8% | 51.8% |

Price evaluation rating

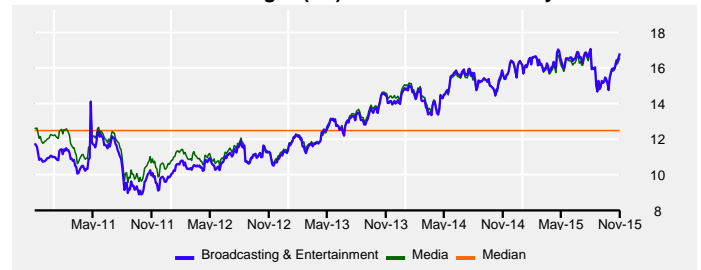
In order to assess whether an index is correctly valued, we focus on Peter Lynch's broadly accepted methodology of comparing the projected earnings growth and dividend with the estimated PE ratio. Based on this approach, we feel this sector is currently strongly undervalued. A "Forecasted Growth + Estimated Dividend Yield/ Estimated Price Earnings" ratio higher than 0.9 indicates that the index's price includes a discount to growth of -19.0%.

Earnings revision trend



Compared to seven weeks ago, the analysts have lowered (-1.5%) their earnings estimates. This negative pressure began August 28, 2015 at a price of 139.6.

"Price to Estimated Earnings" (PE) - Evolution over five years

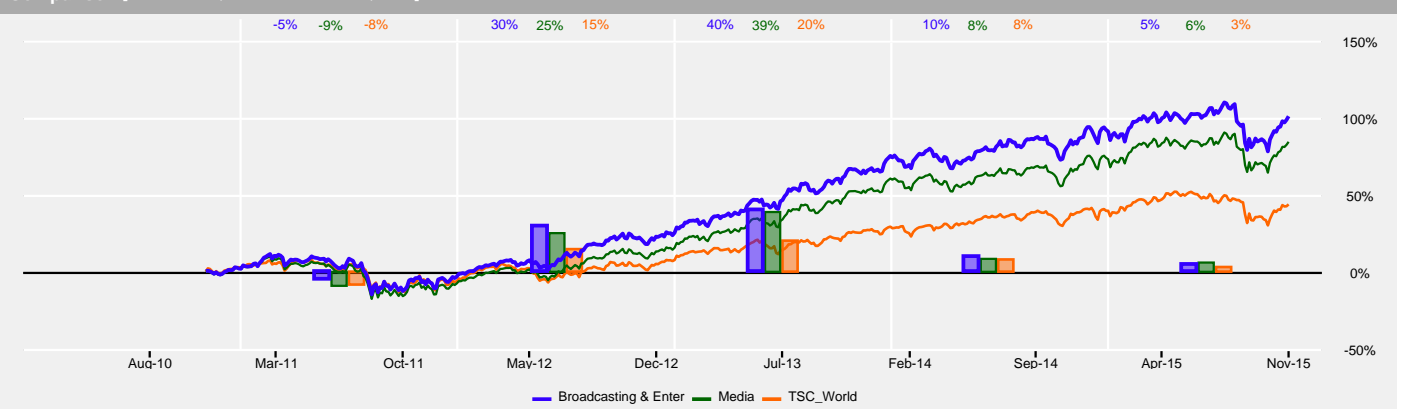


The estimated PE is calculated on the basis of the underlying stocks. While the PE of the sector Broadcasting & Entertainment is 16.7, the PE of its group (Media) is at the same level (16.5). Historically speaking, this sector is currently trading significantly higher than its median of 12.4.

Technical trend

The 40-day Medium Term Technical Trend has been positive since October 16, 2015. The confirmed Technical Reverse point (Tech Reverse - 1.75%) is currently 6% lower. This positive technical trend is confirmed by the fact that 52.3% percent of stocks are trading above their average. This would indicate that a significant number of stocks in this sector are part of the current market rise.

Comparison [November 3, 2010 - November 3, 2015]



Performance over 5 years

On a 5 year moving average, the performance of the sector Broadcasting & Entertainment is 100.5%, vs. 84.4% for the group Media and 43.7% for the TSC_World. During this period, the high of 157.3 was reached on July 2015 and the low of 63.7 in the month of August 2011.

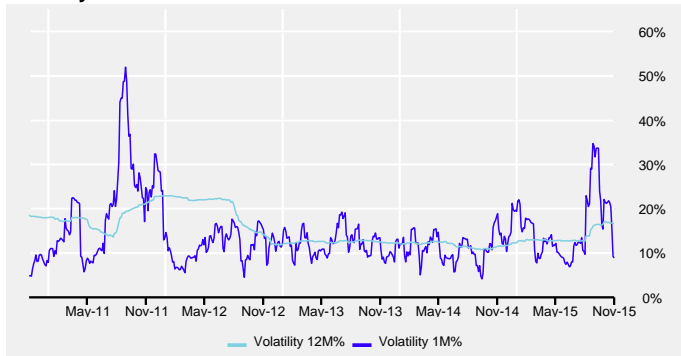


Broadcasting & Entertainment (WO)

Closing price of November 3, 2015

| | Market Value | Perf YtD | Nb of Stocks | Mkt Cap in \$bn | Stars | Risk Zone | G/PE Ratio | LT P/E | LT Growth | 4wk Perf | % of Stocks in Uptrend |
|------------------------------|--------------|----------|--------------|-----------------|-------|-----------|------------|--------|-----------|----------|------------------------|
| Broadcasting & Entertainment | 150.51 | 4.6% | 88 | 1,107.07 | ★★★★★ | | 1.11 | 16.7 | 17.0% | 1.7% | 52.3% |

Volatility



The volatility is also used as a risk factor. It measures the magnitude of the high and low movements of a stock or index. The more the volatility is high, the more risky a sector is considered to be.

As of the last update, the monthly volatility of (8.7%) is lower than the last few years' average of (13.8%). The low magnitude of short term price fluctuations indicates a lull in the market.

On the other hand, long term volatility 16.5% of the sector is similar to that of the group Media (15.5%), reflecting almost identical price variations between the sector and the group to which it belongs.

The risk factor in declining markets

The "Bear Market Factor" measures the behavior of a sector in declining markets. In this context, the sector Broadcasting & Entertainment has a tendency to drop in the same proportion as the index TSC_World.

This behavior shows the sector can be somewhat risky during market corrections.

The risk factor in rising markets

The "Bad News Factor" measures a sector's corrections in a rising market phase.

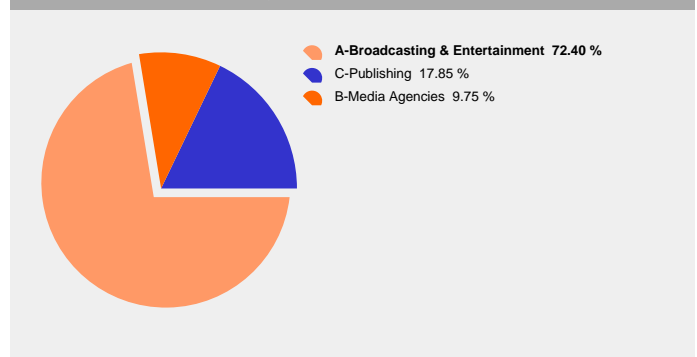
In this configuration, the market slightly sanctions the sector Broadcasting & Entertainment when there is specific pressure in this particular economic activity.

When the sector declines in a rising market its average deviation is -1.13%.

Risk analysis summary

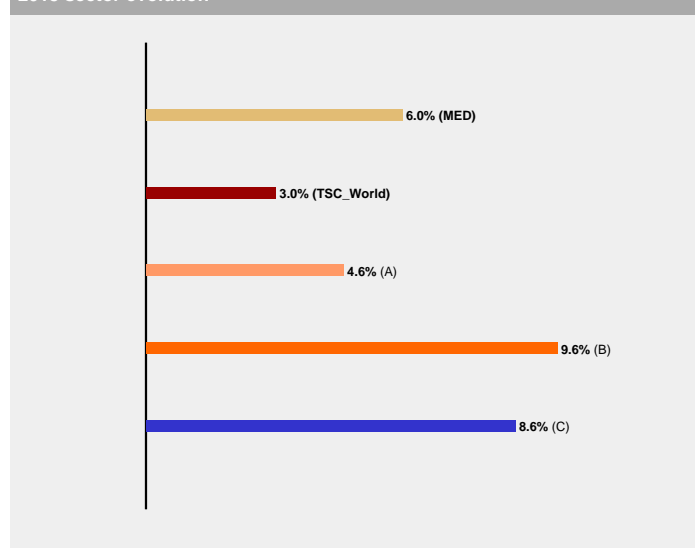
Generally speaking, an investment in the Broadcasting & Entertainment sector carries an average risk because of the Bear Market factor, average risk.

Allocation by sector, of the group Media



The largest sector in terms of market capitalization Broadcasting & Entertainment represents 72.4% of the group Media. These sectors follow, in size order, Publishing with 17.9% Media Agencies with 9.7%.

2015 sector evolution



From the beginning of the year, the sector Broadcasting & Entertainment recorded a variation of 4.6%, while the group Media evolved by 6.0%. This industry group is made up of 3 sectors, in which the extreme variations were from 3.0% to 9.6%.

Checklist (Broadcasting & Entertainment)

| | | |
|--------------------|--------|--|
| Stars | ★★★★★ | Strong interest since October 16, 2015. |
| Valuation Rating | ★ | Strongly undervalued |
| Earnings Rev Trend | ★ | Analysts negative since August 28, 2015 |
| MT Tech Trend | ★ | Market positive since October 16, 2015 |
| 4wk Rel Perf | 1.7% ★ | vs. TSC_World |
| Risk Zone | | The industry is classified in the medium-risk zone since May 22, 2015. |

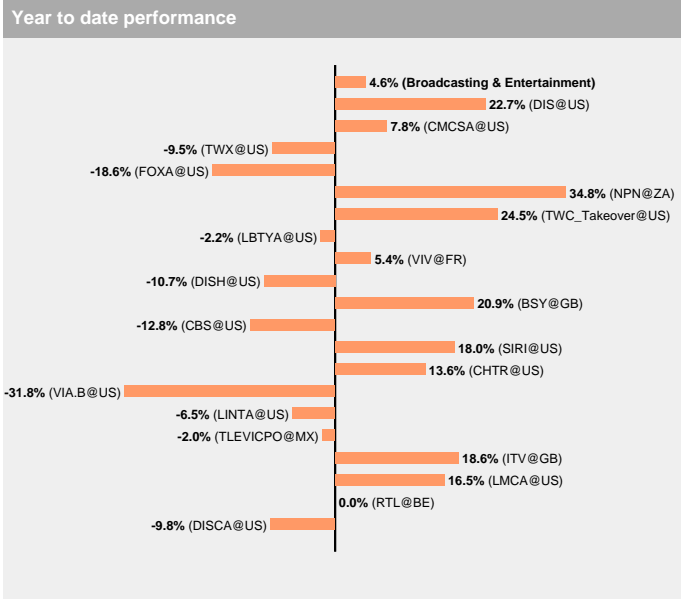


Broadcasting & Entertainment (WO)

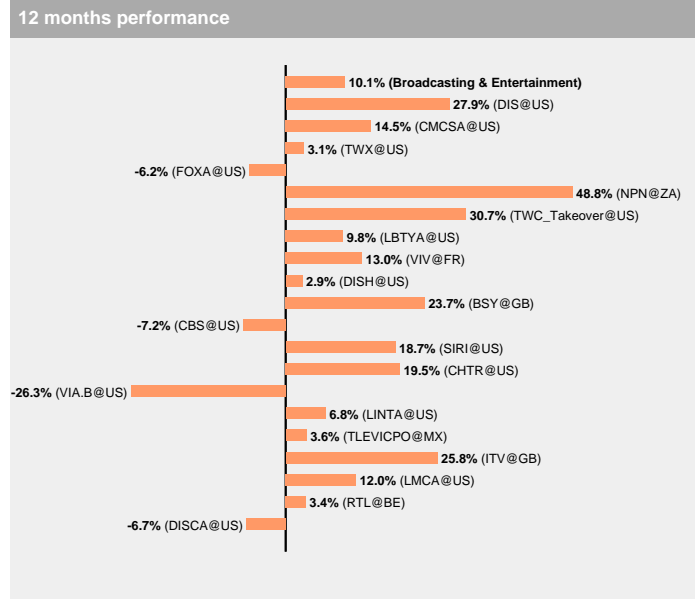
Closing price of November 3, 2015

| | Market Value | Perf YtD | Nb of Stocks | Mkt Cap in \$bn | Stars | Risk Zone | G/PE Ratio | LT P/E | LT Growth | 4wk Perf | % of Stocks in Uptrend |
|------------------------------|--------------|----------|--------------|-----------------|-------|-----------|------------|--------|-----------|----------|------------------------|
| Broadcasting & Entertainment | 150.51 | 4.6% | 88 | 1,107.07 | ★★★★ | | 1.11 | 16.7 | 17.0% | 1.7% | 52.3% |

The performance of the 20 largest stocks of the sector is presented below.

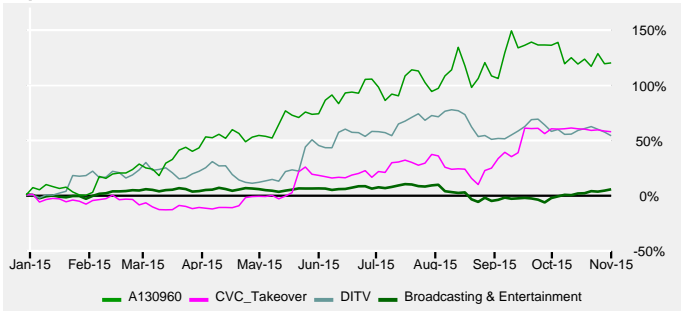


The analysis and details of the above stock can be found on page 6



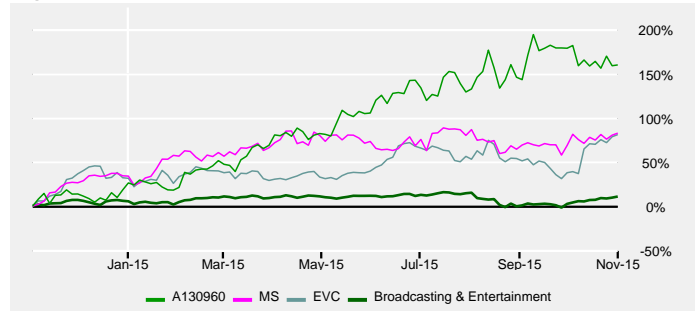
The analysis and details of the above stock can be found on page 6

Top Stocks 2015



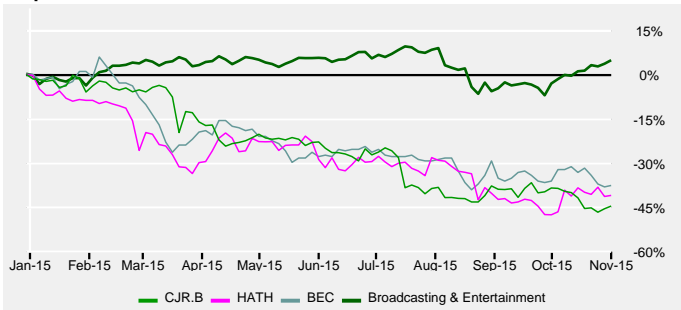
From the beginning of the year, the performance of the sector was 4.6%; as for the three best stocks, (CJ E&M CORP. (A130960), CABLEVISION SYS.CORP. (CVC_Takeover) and DISH TV INDIA LTD. (DITV)), their performance was 119.6%, 57.3% and 53.6% respectively.

Top Stocks 12 months



Since 12 months ago, the performance of the sector has been 10.1%; the three best stocks, (CJ E&M CORP. (A130960), MEDIASET SPA (MS) and ENTRAVISION COMMS.CORP. (EVC)) recorded a performances of 159.8%, 82.5% and 80.9% respectively.

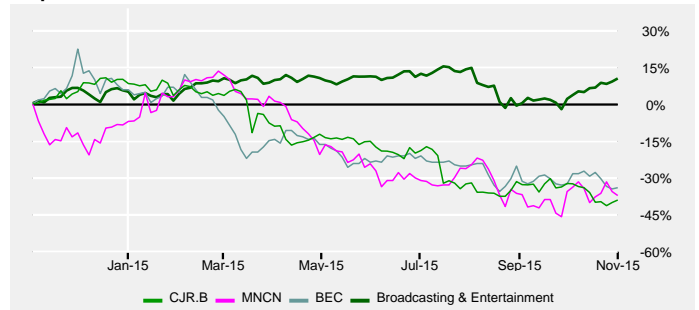
Flop Stocks 2015



CORUS ENTM.INCO. (CJR.B), HATHWAY CABLE & DATACOM (HATH) and BEC WORLD PCL. (BEC) with -44.8%, -41.1% and -37.8% recorded the three worst performances from the beginning of the year. For the sector Broadcasting & Entertainment, the variation was 4.6%.

Only companies with a market capitalization exceeding \$500 million are mentioned.

Flop Stocks 12 months



The three worst performances in 12 months were recorded by CORUS ENTM.INCO. (CJR.B), MEDIA NUSNT.CITRA TBK (MNCN) and BEC WORLD PCL. (BEC) with -39.2%, -37.4% and -34.2%. As for the sector Broadcasting & Entertainment, it recorded a variation of 10.1%.

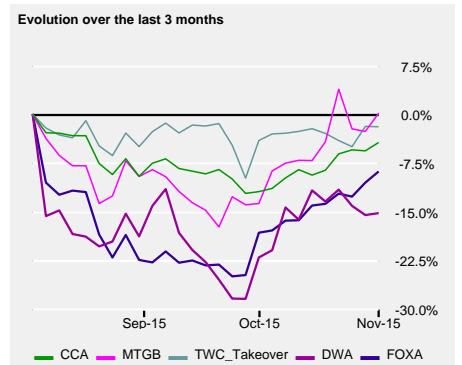


Broadcasting & Entertainment (WO)

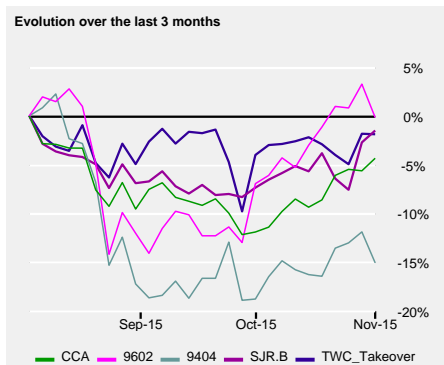
Closing price of November 3, 2015

Stocks with the best valuations

| Symbol Market | Name Sector | Price Ccy | Mkt Cap in \$bn | 7wk EPS Rev | Stars | Risk Zone | Global Evaluation |
|-----------------|---|------------|-----------------|-------------|-------|-----------|-------------------|
| CCA CA | COGECO CABLE INCO. Broadcasting & Entertainment | 68.46 CAD | 2.57 | -0.2% | ★★★★★ | | |
| MTGB SE | MODERN TIMES GP.MTG AB Broadcasting & Entertainment | 249.70 SEK | 1.95 | 9.9% | ★★★★★ | | |
| TWC_Takeover US | TIME WARNER CABLE INCO. Broadcasting & Entertainment | 189.31 USD | 53.61 | 7.2% | ★★★★★ | | |
| DWA US | DREAMWORKS ANIM.SKG INCO Broadcasting & Entertainment | 20.31 USD | 1.74 | 2.7% | ★★★★★ | | |
| FOXA US | 21ST.CENTURY FOX INCO. Broadcasting & Entertainment | 31.28 USD | 62.19 | 0.3% | ★★★★★ | | |



The global rating (Global Evaluation) is a multi-criteria approach that identifies the stocks with the best evaluations. This assessment is the compilation of fundamental (PE, growth, earnings revisions, dividend, etc.), technical (moving average, relative performance), and risk (behavior in declining markets and sensitivity to bad news) factors. In order to present the best selection, only companies with a market capitalization greater than \$1bn and showing good earnings growth valuations, are listed. Furthermore, the eligible stocks must have a minimum rating of two stars; a neutral to positive valuation; a weak to average risk zone; and a minimum correlation of 0.66. When the global rankings are identical, the analysts' 7 week earnings per share revision (7 wk EPS rev) acts as the deciding classification element.



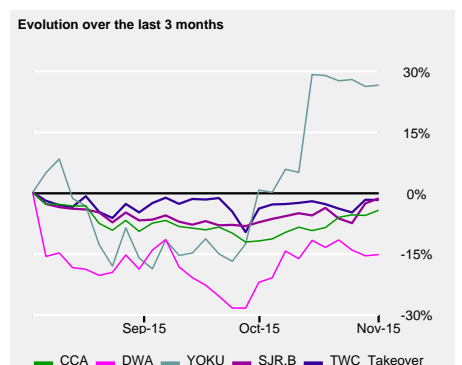
The best defensive stocks

| Symbol Market | Name Sector | Price Ccy | Mkt Cap in \$bn | Bear Mkt Factor | Stars | Risk Zone | Global Evaluation |
|-----------------|--|--------------|-----------------|-----------------|-------|-----------|-------------------|
| CCA CA | COGECO CABLE INCO. Broadcasting & Entertainment | 68.46 CAD | 2.57 | -99 | ★★★★★ | | |
| 9602 JP | TOHO COMPANY LTD.(FILM) Broadcasting & Entertainment | 3,055.00 JPY | 4.77 | -91 | ★★★★★ | | |
| 9404 JP | NIPPON TV.HDG.INCO. Broadcasting & Entertainment | 2,030.00 JPY | 4.42 | -85 | ★★★★★ | | |
| SJR.B CA | SHAW COMMS.INCO. Broadcasting & Entertainment | 27.49 CAD | 10.16 | -60 | ★★★★★ | | |
| TWC_Takeover US | TIME WARNER CABLE INCO. Broadcasting & Entertainment | 189.31 USD | 53.61 | -60 | ★★★★★ | | |

The risk evaluation is based on essentially two criteria: the stock's "behavior in declining markets" (Bear Market Factor), and the stock's "sensitivity to bad news" (Bad News Factor). By positioning a stock according to the world averages, three risk levels can be attributed (weak, average, high). Combining these elements makes it possible to create a final ranking of the best defensive stocks in the market. To present the best selection, only companies with a market capitalization greater than \$1bn and showing good earnings growth valuations are listed. Furthermore, the eligible stocks must have a minimum rating of two stars; a neutral to positive valuation; a weak to average risk zone. In case of a tie, the stock's "behavior in declining markets" will act as the deciding classification element.

The stocks with the lowest correlations

| Symbol Market | Name Sector | Price Ccy | Mkt Cap in \$bn | Correlation | Stars | Risk Zone | Global Evaluation |
|-----------------|---|------------|-----------------|-------------|-------|-----------|-------------------|
| CCA CA | COGECO CABLE INCO. Broadcasting & Entertainment | 68.46 CAD | 2.57 | 0.23 | ★★★★★ | | |
| DWA US | DREAMWORKS ANIM.SKG INCO Broadcasting & Entertainment | 20.31 USD | 1.74 | 0.30 | ★★★★★ | | |
| YOKU US | YOUKU TUDOU INCO. Broadcasting & Entertainment | 24.40 USD | 4.78 | 0.33 | ★★★★★ | | |
| SJR.B CA | SHAW COMMS.INCO. Broadcasting & Entertainment | 27.49 CAD | 10.16 | 0.43 | ★★★★★ | | |
| TWC_Takeover US | TIME WARNER CABLE INCO. Broadcasting & Entertainment | 189.31 USD | 53.61 | 0.47 | ★★★★★ | | |

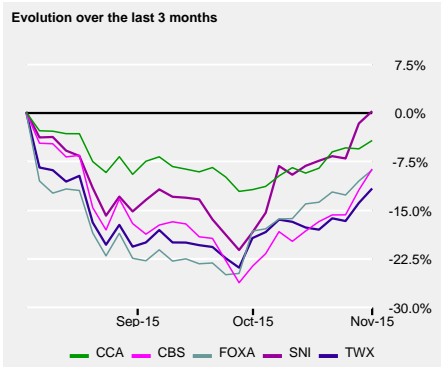


The correlation coefficient permits to identify the stocks of which the dependence on the market is the weakest. If this value is very low, less than 0.5, it signifies that less than 50% of the movements of the stock are explained by the movement of the market. On the contrary, a number close to 1 indicates that the value is very close to the evolutions of the market. In order to present the best selection, only the societies with a market capitalization higher than \$1bn and showing good earnings growth valuations are listed. Furthermore, the eligible stocks must have a minimum rating of two stars; a neutral to positive valuation; a weak to average risk zone; and a minimum correlation of 0.66. In the case of a tie in the ranking, the stock's "behavior in declining markets" (Bear Market Factor) acts as the deciding classification element.



Broadcasting & Entertainment (WO)

Closing price of November 3, 2015



The stocks with the weakest PE

| Symbol Market | Name Sector | Price Ccy | Mkt Cap in \$bn | LT P/E | Stars | Risk Zone | Global Evaluation |
|---------------|---|-----------|-----------------|--------|-------|-----------|-------------------|
| CCA CA | COGECO CABLE INCO. Broadcasting & Entertainment | 68.46 CAD | 2.57 | 10.3 | ★★★★ | 🟡 | 🟢 |
| CBS US | CBS CORP. Broadcasting & Entertainment | 48.24 USD | 23.42 | 11.1 | ★★★★ | 🟡 | 🟢 |
| FOXA US | 21ST.CENTURY FOX INCO. Broadcasting & Entertainment | 31.28 USD | 62.19 | 11.8 | ★★★★ | 🟡 | 🟢 |
| SNI US | SCRIPPS NETWORKS INTACT. Broadcasting & Entertainment | 61.24 USD | 7.87 | 12.1 | ★★★★ | 🟡 | 🟢 |
| TWX US | TIME WARNER INCO. Broadcasting & Entertainment | 77.30 USD | 63.04 | 12.1 | ★★★★ | 🟡 | 🟢 |

The price to earnings ratio (PE) helps to find undervalued stocks. It is commonly accepted that if the PE of a stock is lower than the PE of its reference market, the stock has upside price potential. In order to present the best selection, only companies with a market capitalization greater than \$1bn and showing good earnings growth valuations are listed. Furthermore, the eligible stocks must have: a minimum rating of two stars, a neutral to positive valuation, a risk zone weak to average. When the PE ratios are identical, the analysts' 7 week earnings per share revision (7 wk EPS rev) acts as the deciding classification element.

The 20 top stocks classified by market capitalization

| Symbol Market | Name Sector | Price Ccy | Perf YtD | Mkt Cap in \$bn | G/PE Ratio | LT P/E | LT Growth | 4wk Rel Perf | Div | Volatility 1M | Stars | Risk Zone | Global Evaluation |
|---------------|---|----------------|----------|-----------------|------------|--------|-----------|--------------|------|---------------|-------|-----------|-------------------|
| DIS US | THE WALT DISNEY CO. Broadcasting & Entertainment | 115.54 USD | 22.7% | 195.01 | 0.82 | 18.8 | 14.3% | 4.1% | 1.1% | 8.9% | ★★★★ | 🟡 | 🟢 |
| CMCSA US | COMCAST CORP. Broadcasting & Entertainment | 62.56 USD | 7.8% | 155.91 | 0.96 | 15.4 | 13.0% | -1.6% | 1.7% | 12.3% | ★★★★ | 🟡 | 🟢 |
| TWX US | TIME WARNER INCO. Broadcasting & Entertainment | 77.30 USD | -9.5% | 63.04 | 1.39 | 12.1 | 15.1% | 1.4% | 1.8% | 17.8% | ★★★★ | 🟡 | 🟢 |
| FOXA US | 21ST.CENTURY FOX INCO. Broadcasting & Entertainment | 31.28 USD | -18.6% | 62.19 | 1.39 | 11.8 | 15.3% | 3.4% | 1.0% | 12.2% | ★★★★ | 🟡 | 🟢 |
| NPN ZA | NASPERS LTD. Broadcasting & Entertainment | 204,299.00 ZAR | 34.8% | 61.96 | 1.60 | 22.1 | 34.9% | 4.7% | 0.4% | 20.1% | ★★★★ | 🟡 | 🟢 |
| TWC_Take US | TIME WARNER CABLE INCO. Broadcasting & Entertainment | 189.31 USD | 24.5% | 53.61 | 0.83 | 22.5 | 17.1% | -5.9% | 1.6% | 14.2% | ★★★★ | 🟡 | 🟢 |
| LBTYA US | LIBERTY GLOBAL PLC. Broadcasting & Entertainment | 46.40 USD | -2.2% | 41.14 | 3.05 | 15.8 | 48.3% | -3.4% | 0.0% | 21.7% | ★★★★ | 🟡 | 🟢 |
| VIV FR | VIVENDI Broadcasting & Entertainment | 21.81 EUR | 5.4% | 32.67 | 0.78 | 36.5 | 22.0% | -3.2% | 6.5% | 21.7% | ★★★★ | 🟡 | 🟢 |
| DISH US | DISH NETWORK CORP. Broadcasting & Entertainment | 65.07 USD | -10.7% | 30.14 | 0.41 | 38.3 | 15.6% | 2.2% | 0.0% | 21.2% | ★★★★ | 🟡 | 🟢 |
| BSY GB | SKY PLC. Broadcasting & Entertainment | 1,087.00 GBp | 20.9% | 28.78 | 1.08 | 14.8 | 12.6% | -4.8% | 3.3% | 22.2% | ★★★★ | 🟡 | 🟢 |
| CBS US | CBS CORP. Broadcasting & Entertainment | 48.24 USD | -12.8% | 23.42 | 1.33 | 11.1 | 13.4% | 11.6% | 1.3% | 22.1% | ★★★★ | 🟡 | 🟢 |
| SIRI US | SIRIUS XM HOLDINGS INCO. Broadcasting & Entertainment | 4.13 USD | 18.0% | 21.53 | 1.51 | 16.7 | 25.3% | -0.3% | 0.0% | 11.6% | ★★★★ | 🟡 | 🟢 |
| CHTR US | CHARTER COMMS.INCO. Broadcasting & Entertainment | 189.28 USD | 13.6% | 21.25 | 2.11 | 50.0 | 105.6% | -4.8% | 0.0% | 22.0% | ★★★★ | 🟡 | 🟢 |
| VIA.B US | VIACOM INCO. Broadcasting & Entertainment | 51.29 USD | -31.8% | 20.48 | 1.33 | 8.3 | 8.3% | 7.6% | 2.7% | 31.8% | ★★★★ | 🟡 | 🟢 |
| LINTA US | LIBERTY INTACT.CORP. Broadcasting & Entertainment | 27.52 USD | -6.5% | 19.89 | 0.98 | 16.3 | 15.9% | -5.7% | 0.0% | 16.0% | ★★★★ | 🟡 | 🟢 |
| TLEVICPO MX | GRUPO TELEVISIVA SAB Broadcasting & Entertainment | 98.63 MXN | -1.9% | 19.38 | 0.81 | 28.0 | 21.9% | 6.8% | 0.6% | 23.7% | ★★★★ | 🟡 | 🟢 |
| ITV GB | ITV PLC. Broadcasting & Entertainment | 255.30 GBp | 18.6% | 15.83 | 1.08 | 13.5 | 11.3% | -5.7% | 3.2% | 23.2% | ★★★★ | 🟡 | 🟢 |
| LMCA US | LIBERTY MEDIA CORP. Broadcasting & Entertainment | 41.09 USD | 16.5% | 13.42 | 1.25 | 24.3 | 30.4% | 2.4% | 0.0% | 8.0% | ★★★★ | 🟡 | 🟢 |
| RTL BE | RTL GROUP Broadcasting & Entertainment | 78.40 EUR | 0.0% | 13.34 | 1.03 | 15.0 | 10.0% | -5.2% | 5.5% | 18.8% | ★★★★ | 🟡 | 🟢 |
| DISCA US | DISCOVERY COMMS.INCO. Broadcasting & Entertainment | 31.08 USD | -9.8% | 12.81 | 0.96 | 15.1 | 14.5% | 11.0% | 0.0% | 32.6% | ★★★★ | 🟡 | 🟢 |

Number of Stocks

This is the number of stocks in the index that can be analyzed.

Mkt Cap in \$bn

This number represents the Market Capitalization in USD bn. It is calculated by multiplying a firm's share price by the number of outstanding shares. For reasons of comparison, all results are in USD.

Valuation Rating

Our Valuation Rating indicates if a stock is "expensive" or "cheap" relative to its growth potential. This is used to determine whether or not the investor is paying a premium for anticipated growth.

To estimate a stock's value relative to its current price, our Valuation Rating combines:

- stock price
- projected earnings
- projected earnings growth
- dividends

We establish our rating by combining these elements.

There are five ratings, ranging from strongly undervalued 🟢🟢 to strongly overvalued 🟡🔴.

Stars

theScreener.com's star rating system is designed to enable you to identify high-quality stocks quickly and easily.

In this easy-to-use rating system, stars are earned for each element specified below:

- Earnings Rev Trend 🟢 = ★★★★★
- Valuation Rating 🟢, 🟢🟢, 🟢🟢🟢 = ★★★★★
- MT Tech Trend 🟢 = ★★★★★
- 4 week Relative Performance > 1% = ★★★★★

Therefore, a stock can earn a maximum of four stars.

The lowest rating a stock can have is no stars.

Once a stock has earned a star, it will keep it until:

- Earnings Rev Trend becomes negative 🟡
- Valuation Rating becomes negative 🟡, 🟡🔴
- MT Tech Trend becomes negative 🟡
- 4 week Relative Performance drops below -1% (<-1%)

Div

This is the dividend in % for the next 12 months.

Even if the same number is shown, the dividend value can appear in one of four colors, depending on the earnings coverage:

- 0%, no dividend
- 4%, the dividends are covered (between 0% and 40% of earnings)
- 4%, the dividends represent between 40% and 70% of earnings
- 4%, the dividends are higher than 70% of earnings, which implies that the dividend coverage is not guaranteed.

Earnings Rev. Trend

The symbol 🟢 shows that compared with their earnings revisions of seven weeks ago, the analysts have now raised their estimates (7wk EPS Rev; > 1%); the symbol 🟡 indicates that compared with their earnings revisions of seven weeks ago, the analysts have now lowered their estimates (7wk EPS Rev < -1%).

When the earnings revisions (7wk EPS Rev) fall between +1% and -1%, the trend is considered to be neutral 🟢.

The symbol 🟢 indicates that the last significant revisions have been trending positive.

The symbol 🟡 indicates that the last significant revisions have been negative.

7wk EPS Rev

This is an abbreviation for 7 week Earnings Per Share Revision. This column indicates the value of these revised earnings. A figure of 2.8 signifies that compared with seven weeks ago, the analysts have now revised and raised their estimates by 2.8%. On the contrary, a negative number means that the earnings would have been revised lower.

G/PE Ratio

In order to establish our Valuation Rating, we calculate the estimated growth of future earnings (LT Growth) plus dividend in %, divided by the estimated future PE ratio (Long Term P/E).

LT PE

This is the relationship between the price (P) and the estimated long-term future earnings (E LT).

LT Growth

This is the estimated annual growth rate of future earnings, normally projected over the next two to three years.

MT Tech Trend

The MT Tech Trend indicates the current trend, positive 🟢 or negative 🟡, and the Tech Reverse indicates up to which price this trend will remain valid.

When a price falls to 1.75% above or below the Tech Reverse, the MT Tech Trend is considered neutral 🟢.

Once the price breaks out of the +1.75% neutral zone, the MT Tech Trend will change to positive.

The symbol 🟢 indicates that the previous MT Tech Trend was positive.

The symbol 🟡 indicates that the previous MT Tech Trend was negative.

4wk (Rel) Perf.

This figure measures the performance of a stock relative to its national or regional index (compared to four weeks ago). As for an Index, it measures the net performance over 4 weeks.

Bad News Factor

To determine the "Bad News Factor" we analyze a stock's declines in rising markets. In this purely objective analysis, the actual reasons for a stock's behavior are not important. If a stock price falls while its relative index goes up, it can be assumed that the stock's performance has been affected by bad news - hence the name, "Bad News Factor".

Here a stock's movements are measured on a bi-weekly basis, during a sliding 52 week period. Every time a stock drops while its reference index rises, the difference is calculated in %, integrated into a yearly average and expressed in basis points.

The higher the "Bad News Factor," the more a stock has proven to be sensitive to bad news. The lower the "Bad News Factor," the less the stock has proven to be sensitive to bad news.

Bear Market Factor

To determine the "Bear Market Factor" we analyze a stock's price movements in declining markets.

This is the analysis of the movements, in a bi-weekly intervals, during a sliding 52 week period.

The higher the "Bear Market Factor," the greater the probability a stock would drop when its relative index drops.

A "Bear Market Factor" that is strongly negative means the stock has been more resistant to losses in declining markets.

Risk Zone

The price developments of stocks are generally volatile and contain high risks that can result in a total loss. Based on a their historical behavior, stocks are classified by risk levels. These risk levels have to be considered solely in relative historic comparison to other stocks. Please note that even "Low Risk" stocks are equities and therefore high risk investments that can lose up to all of their value, and that based on the past no firm conclusions can be taken into the future.

Risk zones are determined by measuring the "Bear Market Factor" and the "Bad News Factor" against a world reference.

There are three types of risk ratings:

- Low Risk: The risk indicators fall below the world reference average.
- Medium Risk: The risk indicators are situated higher than the world reference average, but lower than one standard deviation.
- High Risk: The risk indicators are at levels higher than one standard deviation.

Volatility 12 M

Volatility is also used as a risk factor. It measures the magnitude of the high and low movements of a stock or index. The higher the volatility, the more risky a stock is considered to be.

% of Stocks in Uptrend

This is the percentage of stocks in a given list that have a positive Medium Term Technical Trend. If, for example, the aggregate of Technology / World, (which is made up of 458 stocks) has 8% "of stocks in Uptrend," it means that 38 of the stocks within that aggregate have a positive Medium Term Technical Trend.

Beta

Beta is often used as a measure of risk. Where a Beta is greater than 100, the stock is more volatile than its reference index and therefore more risky.

Correlation

Correlation is the degree of similarity (in %) in which a stock fluctuates in relation to its reference index.

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Earnings forecasts provided by THOMSON REUTERS. Funds data provided by MORNINGSTAR.