

# Weekly Stock Screener

April 23, 2023

## Moving Average Breakout



**20-week**  
Moving Average

| Bullish       | Bearish       |
|---------------|---------------|
| Stocks<br>100 | Stocks<br>100 |



**50-week**  
Moving Average

| Bullish      | Bearish      |
|--------------|--------------|
| Stocks<br>83 | Stocks<br>98 |



# **Table of contents**

**1. 20-week MA: Bullish**

**2. 20-week MA: Bearish**

**3. 50-week MA: Bullish**

**4. 50-week MA: Bearish**

**5. Disclaimer**

# 1. 20-week MA: Bullish

This subsection focuses on the trading signal / chart pattern which refers to the potential start of a short / mid-term positive trend and is identified with the company's price crossed above the 20-week moving average.



**Stocks**  
Analyzed

100

# 1.1 20-week MA Bullish: part 1

[Click Here To Unlock](#)

| Ticker | Company | Industry | Market cap. (\$b) | 1-Week Perf. % | 1-Month Perf. % | 3-Month Perf. % | 1-Year Perf. % | 1-Month Trend | 1-Year Trend |
|--------|---------|----------|-------------------|----------------|-----------------|-----------------|----------------|---------------|--------------|
| ???    | ?????   | ?????    | \$ 194,1          | 6,8%           | 13,9%           | 0,5%            | -6,7%          |               |              |
| ???    | ?????   | ?????    | \$ 159,8          | 0,6%           | 4,4%            | 3,4%            | 6,8%           |               |              |
| ???    | ?????   | ?????    | \$ 152,4          | 2,0%           | 8,5%            | -5,6%           | 7,5%           |               |              |
| ???    | ?????   | ?????    | \$ 122,9          | 0,1%           | 3,9%            | -3,6%           | 16,0%          |               |              |
| ???    | ?????   | ?????    | \$ 125,9          | 2,9%           | 11,4%           | 4,6%            | 7,1%           |               |              |
| ???    | ?????   | ?????    | \$ 114,1          | 0,4%           | 5,6%            | -3,5%           | -26,8%         |               |              |
| ???    | ?????   | ?????    | \$ 115,3          | 0,8%           | 5,1%            | -4,3%           | -7,4%          |               |              |
| ???    | ?????   | ?????    | \$ 108,1          | 3,5%           | 8,2%            | 3,5%            | 39,1%          |               |              |
| ???    | ?????   | ?????    | \$ 82,4           | 1,6%           | 5,0%            | 4,2%            | -16,9%         |               |              |
| ???    | ?????   | ?????    | \$ 80,2           | -1,0%          | -2,4%           | 1,6%            | 26,5%          |               |              |
| ???    | ?????   | ?????    | \$ 66,7           | 0,7%           | 4,6%            | -2,2%           | -4,3%          |               |              |
| ???    | ?????   | ?????    | \$ 65,2           | 4,5%           | 12,6%           | 5,5%            | -7,8%          |               |              |
| ???    | ?????   | ?????    | \$ 60,3           | 1,3%           | 10,6%           | 3,8%            | -4,6%          |               |              |
| ???    | ?????   | ?????    | \$ 49,7           | -0,2%          | 1,3%            | 1,1%            | -4,6%          |               |              |
| ???    | ?????   | ?????    | \$ 49,3           | 1,2%           | 9,8%            | -2,3%           | -6,8%          |               |              |
| ???    | ?????   | ?????    | \$ 47,2           | 0,0%           | 6,3%            | -4,8%           | -16,5%         |               |              |
| ???    | ?????   | ?????    | \$ 41,1           | -1,4%          | 0,0%            | 2,0%            | 15,8%          |               |              |
| ???    | ?????   | ?????    | \$ 38,7           | 3,9%           | 3,2%            | -9,6%           | -4,7%          |               |              |
| ???    | ?????   | ?????    | \$ 34,2           | 0,4%           | 2,8%            | 2,0%            | 12,7%          |               |              |
| ???    | ?????   | ?????    | \$ 33,5           | 1,4%           | 7,3%            | -1,9%           | 12,3%          |               |              |
| ???    | ?????   | ?????    | \$ 27,4           | 2,8%           | 13,6%           | -8,0%           | -6,1%          |               |              |
| ???    | ?????   | ?????    | \$ 28,1           | 4,2%           | 5,8%            | -1,9%           | 1,5%           |               |              |
| ???    | ?????   | ?????    | \$ 25,7           | 1,4%           | 6,6%            | -4,8%           | 1,6%           |               |              |
| ???    | ?????   | ?????    | \$ 24,1           | 0,0%           | 9,5%            | -1,5%           | -32,7%         |               |              |
| ???    | ?????   | ?????    | \$ 23,0           | -0,3%          | 4,8%            | 0,2%            | -11,9%         |               |              |
| ???    | ?????   | ?????    | \$ 23,6           | 0,1%           | 1,0%            | -8,7%           | 67,6%          |               |              |
| ???    | ?????   | ?????    | \$ 22,0           | 0,3%           | 5,3%            | 1,6%            | -0,1%          |               |              |
| ???    | ?????   | ?????    | \$ 22,9           | 5,4%           | 15,4%           | -1,9%           | -38,0%         |               |              |
| ???    | ?????   | ?????    | \$ 17,8           | -0,8%          | 9,3%            | -5,4%           | -9,2%          |               |              |
| ???    | ?????   | ?????    | \$ 18,0           | 0,5%           | 2,0%            | -1,3%           | -14,1%         |               |              |
| ???    | ?????   | ?????    | \$ 17,9           | 0,5%           | 0,6%            | 1,7%            | 3,7%           |               |              |
| ???    | ?????   | ?????    | \$ 17,9           | 1,3%           | 12,2%           | 5,2%            | 26,9%          |               |              |
| ???    | ?????   | ?????    | \$ 16,7           | 0,8%           | -2,9%           | -3,8%           | -8,6%          |               |              |
| ???    | ?????   | ?????    | \$ 16,7           | 1,1%           | 5,5%            | -0,1%           | -2,8%          |               |              |
| ???    | ?????   | ?????    | \$ 16,1           | -0,2%          | 3,6%            | -1,4%           | -22,9%         |               |              |
| ???    | ?????   | ?????    | \$ 16,2           | 1,2%           | 5,7%            | 0,2%            | -1,3%          |               |              |
| ???    | ?????   | ?????    | \$ 16,2           | 1,5%           | 3,7%            | -1,2%           | 5,8%           |               |              |
| ???    | ?????   | ?????    | \$ 22,8           | 0,6%           | 7,3%            | 1,2%            | -28,7%         |               |              |
| ???    | ?????   | ?????    | \$ 13,6           | 0,4%           | 4,7%            | -2,0%           | 11,2%          |               |              |
| ???    | ?????   | ?????    | \$ 13,4           | 1,7%           | 5,5%            | -5,8%           | -17,4%         |               |              |
| ???    | ?????   | ?????    | \$ 13,4           | 4,0%           | 6,6%            | -0,2%           | -15,7%         |               |              |
| ???    | ?????   | ?????    | \$ 13,1           | 2,1%           | 8,9%            | 1,9%            | 12,5%          |               |              |
| ???    | ?????   | ?????    | \$ 11,4           | 2,8%           | 5,7%            | 0,4%            | -0,3%          |               |              |
| ???    | ?????   | ?????    | \$ 11,3           | 1,7%           | 2,0%            | -0,1%           | -4,7%          |               |              |
| ???    | ?????   | ?????    | \$ 11,9           | 0,4%           | 2,8%            | -1,1%           | -35,6%         |               |              |
| ???    | ?????   | ?????    | \$ 9,3            | 0,7%           | 10,1%           | -7,6%           | 23,8%          |               |              |
| ???    | ?????   | ?????    | \$ 9,1            | 1,8%           | 2,0%            | -2,1%           | 18,1%          |               |              |
| ???    | ?????   | ?????    | \$ 9,3            | 4,8%           | 7,6%            | 5,8%            | 6,4%           |               |              |
| ???    | ?????   | ?????    | \$ 9,8            | 2,7%           | 14,1%           | -3,8%           | 5,3%           |               |              |
| ???    | ?????   | ?????    | \$ 8,0            | 2,8%           | 7,7%            | -6,2%           | 5,5%           |               |              |

# 1.2 20-week MA Bullish: part 2

[Click Here To Unlock](#)

| Ticker | Company | Industry | Market cap. (\$b) | 1-Week Perf. % | 1-Month Perf. % | 3-Month Perf. % | 1-Year Perf. % | 1-Month Trend | 1-Year Trend |
|--------|---------|----------|-------------------|----------------|-----------------|-----------------|----------------|---------------|--------------|
| ???    | ?????   | ?????    | \$ 8,0            | 2,3%           | 3,0%            | -3,8%           | -10,3%         |               |              |
| ???    | ?????   | ?????    | \$ 7,7            | 2,9%           | 10,9%           | -6,1%           | -18,9%         |               |              |
| ???    | ?????   | ?????    | \$ 7,5            | 1,7%           | 10,2%           | 2,5%            | 62,8%          |               |              |
| ???    | ?????   | ?????    | \$ 7,0            | 2,5%           | 4,1%            | -0,1%           | -17,5%         |               |              |
| ???    | ?????   | ?????    | \$ 7,1            | 3,7%           | 6,8%            | -4,4%           | -3,3%          |               |              |
| ???    | ?????   | ?????    | \$ 6,8            | 5,2%           | 29,5%           | 7,0%            | 129,2%         |               |              |
| ???    | ?????   | ?????    | \$ 6,7            | 10,5%          | 12,9%           | 12,4%           | 24,8%          |               |              |
| ???    | ?????   | ?????    | \$ 7,3            | 10,2%          | 14,7%           | -3,6%           | 320,5%         |               |              |
| ???    | ?????   | ?????    | \$ 6,6            | 1,8%           | 8,4%            | -7,2%           | -4,9%          |               |              |
| ???    | ?????   | ?????    | \$ 6,3            | -2,2%          | 4,0%            | -5,2%           | 5,9%           |               |              |
| ???    | ?????   | ?????    | \$ 6,2            | 0,9%           | 1,9%            | 2,5%            | 5,8%           |               |              |
| ???    | ?????   | ?????    | \$ 6,2            | -0,9%          | 0,8%            | -8,2%           | -10,3%         |               |              |
| ???    | ?????   | ?????    | \$ 6,5            | 4,6%           | 5,6%            | -2,2%           | 11,2%          |               |              |
| ???    | ?????   | ?????    | \$ 6,1            | 2,8%           | 4,2%            | -4,0%           | -16,4%         |               |              |
| ???    | ?????   | ?????    | \$ 6,0            | 5,2%           | 7,6%            | -0,1%           | -14,4%         |               |              |
| ???    | ?????   | ?????    | \$ 6,0            | 3,0%           | 5,5%            | 2,8%            | 19,4%          |               |              |
| ???    | ?????   | ?????    | \$ 5,7            | 0,1%           | 2,6%            | -2,2%           | 33,1%          |               |              |
| ???    | ?????   | ?????    | \$ 5,7            | 1,7%           | 3,5%            | -1,1%           | -2,4%          |               |              |
| ???    | ?????   | ?????    | \$ 5,7            | 2,8%           | -3,4%           | 0,0%            | -13,4%         |               |              |
| ???    | ?????   | ?????    | \$ 5,5            | 2,2%           | 2,2%            | -2,2%           | 3,0%           |               |              |
| ???    | ?????   | ?????    | \$ 5,4            | 0,4%           | 1,1%            | 3,2%            | 20,2%          |               |              |
| ???    | ?????   | ?????    | \$ 5,3            | -0,2%          | 3,3%            | -4,3%           | -15,5%         |               |              |
| ???    | ?????   | ?????    | \$ 5,5            | 18,3%          | 29,3%           | 0,9%            | 301,5%         |               |              |
| ???    | ?????   | ?????    | \$ 5,2            | 0,5%           | 7,6%            | -4,8%           | 8,3%           |               |              |
| ???    | ?????   | ?????    | \$ 4,8            | 2,9%           | 7,8%            | 3,8%            | 13,1%          |               |              |
| ???    | ?????   | ?????    | \$ 4,6            | 1,0%           | 11,9%           | -10,3%          | -18,3%         |               |              |
| ???    | ?????   | ?????    | \$ 4,6            | 2,2%           | 8,6%            | 0,6%            | -5,5%          |               |              |
| ???    | ?????   | ?????    | \$ 4,4            | 3,0%           | 11,7%           | -8,6%           | -3,8%          |               |              |
| ???    | ?????   | ?????    | \$ 4,4            | 2,8%           | 9,1%            | -5,3%           | -15,1%         |               |              |
| ???    | ?????   | ?????    | \$ 4,5            | 7,4%           | 10,9%           | 0,4%            | -52,3%         |               |              |
| ???    | ?????   | ?????    | \$ 4,2            | -0,2%          | 0,4%            | -1,0%           | 2,2%           |               |              |
| ???    | ?????   | ?????    | \$ 4,1            | -0,2%          | 4,9%            | -0,5%           | -0,8%          |               |              |
| ???    | ?????   | ?????    | \$ 5,1            | 29,2%          | 44,8%           | 16,2%           | -21,0%         |               |              |
| ???    | ?????   | ?????    | \$ 3,8            | 1,6%           | 8,4%            | -4,9%           | 42,0%          |               |              |
| ???    | ?????   | ?????    | \$ 3,9            | 2,3%           | 3,7%            | 0,3%            | -11,0%         |               |              |
| ???    | ?????   | ?????    | \$ 3,7            | 0,4%           | 1,0%            | -1,6%           | -9,2%          |               |              |
| ???    | ?????   | ?????    | \$ 3,9            | 7,8%           | 12,9%           | 1,8%            | 46,4%          |               |              |
| ???    | ?????   | ?????    | \$ 3,7            | 2,3%           | 5,8%            | 4,1%            | -56,1%         |               |              |
| ???    | ?????   | ?????    | \$ 3,6            | 4,0%           | 6,7%            | 0,8%            | 13,5%          |               |              |
| ???    | ?????   | ?????    | \$ 3,6            | 6,6%           | 19,2%           | -3,8%           | 80,5%          |               |              |
| ???    | ?????   | ?????    | \$ 3,5            | 3,8%           | 15,5%           | -13,4%          | 21,1%          |               |              |
| ???    | ?????   | ?????    | \$ 3,3            | -0,6%          | 13,1%           | 1,4%            | -42,9%         |               |              |
| ???    | ?????   | ?????    | \$ 3,3            | 3,7%           | 10,1%           | 7,7%            | -1,7%          |               |              |
| ???    | ?????   | ?????    | \$ 3,1            | 4,2%           | 15,9%           | -7,3%           | -13,6%         |               |              |
| ???    | ?????   | ?????    | \$ 5,4            | 6,6%           | 10,0%           | 0,5%            | -5,3%          |               |              |
| ???    | ?????   | ?????    | \$ 3,0            | 3,4%           | -5,4%           | 4,3%            | 6,0%           |               |              |
| ???    | ?????   | ?????    | \$ 3,0            | 3,2%           | 7,4%            | -3,9%           | 2,0%           |               |              |
| ???    | ?????   | ?????    | \$ 2,7            | 2,9%           | 13,3%           | -6,3%           | -6,8%          |               |              |
| ???    | ?????   | ?????    | \$ 3,0            | 7,8%           | 31,9%           | 1,5%            | 70,9%          |               |              |
| ???    | ?????   | ?????    | \$ 2,9            | 2,3%           | 15,8%           | -2,4%           | 63,6%          |               |              |

## 2. 20-week MA: Bearish

This subsection focuses on the trading signal / chart pattern which refers to the potential start of a short / mid-term negative trend and is identified with the company's price crossed below the 20-week moving average.



**Stocks**  
Analyzed

100

# 2.1 20-week MA Bearish: part 1

[Click Here To Unlock](#)

| Ticker | Company | Industry | Market cap. (\$b) | 1-Week Perf. % | 1-Month Perf. % | 3-Month Perf. % | 1-Year Perf. % | 1-Month Trend | 1-Year Trend |
|--------|---------|----------|-------------------|----------------|-----------------|-----------------|----------------|---------------|--------------|
| ???    | ?????   | ?????    | \$ 523,2          | -11,7%         | -13,3%          | 3,0%            | -50,7%         |               |              |
| ???    | ?????   | ?????    | \$ 451,3          | -4,3%          | 1,6%            | -1,8%           | -7,1%          |               |              |
| ???    | ?????   | ?????    | \$ 442,7          | -3,0%          | -8,0%           | -8,6%           | -10,8%         |               |              |
| ???    | ?????   | ?????    | \$ 507,6          | -1,8%          | 6,6%            | -3,7%           | -10,4%         |               |              |
| ???    | ?????   | ?????    | \$ 192,6          | -6,5%          | -6,9%           | -2,7%           | -8,4%          |               |              |
| ???    | ?????   | ?????    | \$ 156,7          | -5,4%          | -0,9%           | -7,3%           | -28,1%         |               |              |
| ???    | ?????   | ?????    | \$ 151,8          | -2,2%          | 7,7%            | -6,3%           | -4,8%          |               |              |
| ???    | ?????   | ?????    | \$ 130,3          | -7,9%          | -2,1%           | -8,9%           | -6,7%          |               |              |
| ???    | ?????   | ?????    | \$ 83,3           | -4,1%          | 0,4%            | -8,2%           | -13,8%         |               |              |
| ???    | ?????   | ?????    | \$ 71,1           | -4,3%          | 11,7%           | -13,3%          | 19,6%          |               |              |
| ???    | ?????   | ?????    | \$ 69,0           | -2,9%          | 11,2%           | -13,7%          | 1,0%           |               |              |
| ???    | ?????   | ?????    | \$ 61,4           | -5,3%          | -2,2%           | -1,6%           | 10,5%          |               |              |
| ???    | ?????   | ?????    | \$ 56,7           | -5,8%          | 4,3%            | -12,7%          | -5,4%          |               |              |
| ???    | ?????   | ?????    | \$ 55,6           | -1,7%          | 6,3%            | -7,8%           | 9,3%           |               |              |
| ???    | ?????   | ?????    | \$ 46,2           | -6,9%          | 2,6%            | -8,6%           | -21,9%         |               |              |
| ???    | ?????   | ?????    | \$ 46,2           | -3,6%          | 6,8%            | -10,2%          | 19,8%          |               |              |
| ???    | ?????   | ?????    | \$ 44,0           | -6,8%          | -7,5%           | -20,2%          | 16,1%          |               |              |
| ???    | ?????   | ?????    | \$ 42,1           | -4,6%          | -3,3%           | -1,9%           | 16,2%          |               |              |
| ???    | ?????   | ?????    | \$ 43,1           | -2,4%          | 5,7%            | -15,6%          | 9,1%           |               |              |
| ???    | ?????   | ?????    | \$ 40,2           | -5,8%          | 5,1%            | -12,0%          | -5,8%          |               |              |
| ???    | ?????   | ?????    | \$ 39,0           | -2,3%          | 3,5%            | -6,7%           | -9,3%          |               |              |
| ???    | ?????   | ?????    | \$ 39,3           | -0,2%          | 12,9%           | -16,9%          | 6,0%           |               |              |
| ???    | ?????   | ?????    | \$ 37,8           | -1,8%          | -1,9%           | -12,0%          | -36,1%         |               |              |
| ???    | ?????   | ?????    | \$ 33,7           | -5,2%          | -10,4%          | 2,9%            | 22,0%          |               |              |
| ???    | ?????   | ?????    | \$ 31,6           | -0,9%          | -0,8%           | -2,3%           | 5,7%           |               |              |
| ???    | ?????   | ?????    | \$ 28,5           | -3,3%          | 2,3%            | -7,8%           | -0,6%          |               |              |
| ???    | ?????   | ?????    | \$ 28,5           | -2,1%          | -1,8%           | -1,4%           | -1,1%          |               |              |
| ???    | ?????   | ?????    | \$ 27,7           | -3,7%          | 2,3%            | -3,0%           | 11,2%          |               |              |
| ???    | ?????   | ?????    | \$ 26,4           | -6,4%          | 7,3%            | -4,9%           | -27,9%         |               |              |
| ???    | ?????   | ?????    | \$ 23,5           | -13,0%         | -8,9%           | -12,3%          | -17,9%         |               |              |
| ???    | ?????   | ?????    | \$ 25,1           | -1,6%          | 2,1%            | -2,3%           | -16,6%         |               |              |
| ???    | ?????   | ?????    | \$ 22,4           | -4,7%          | 1,4%            | -11,8%          | -9,2%          |               |              |
| ???    | ?????   | ?????    | \$ 22,4           | -1,3%          | 0,6%            | -0,3%           | 20,5%          |               |              |
| ???    | ?????   | ?????    | \$ 21,5           | -3,3%          | -1,3%           | -3,3%           | -28,9%         |               |              |
| ???    | ?????   | ?????    | \$ 39,4           | -4,9%          | 6,9%            | -7,7%           | -25,9%         |               |              |
| ???    | ?????   | ?????    | \$ 17,7           | -10,3%         | -2,7%           | -9,5%           | -37,7%         |               |              |
| ???    | ?????   | ?????    | \$ 18,7           | -8,8%          | 1,6%            | -10,9%          | -8,2%          |               |              |
| ???    | ?????   | ?????    | \$ 18,0           | -2,4%          | 7,0%            | -8,8%           | -15,1%         |               |              |
| ???    | ?????   | ?????    | \$ 15,8           | -8,0%          | -13,4%          | -1,8%           | -66,4%         |               |              |
| ???    | ?????   | ?????    | \$ 16,8           | -2,2%          | 4,2%            | -1,5%           | -12,9%         |               |              |
| ???    | ?????   | ?????    | \$ 16,1           | -2,8%          | -1,6%           | 5,9%            | 14,3%          |               |              |
| ???    | ?????   | ?????    | \$ 17,3           | -1,8%          | 15,6%           | -15,3%          | -6,5%          |               |              |
| ???    | ?????   | ?????    | \$ 15,0           | -4,7%          | -1,0%           | -7,7%           | 57,3%          |               |              |
| ???    | ?????   | ?????    | \$ 15,3           | -0,1%          | -7,9%           | -5,5%           | -10,3%         |               |              |
| ???    | ?????   | ?????    | \$ 14,8           | -4,2%          | -0,3%           | -7,5%           | -23,8%         |               |              |
| ???    | ?????   | ?????    | \$ 15,3           | -5,0%          | -8,5%           | -7,8%           | 5,3%           |               |              |
| ???    | ?????   | ?????    | \$ 13,5           | -6,6%          | 3,5%            | -3,9%           | -16,8%         |               |              |
| ???    | ?????   | ?????    | \$ 13,3           | -6,7%          | -0,5%           | -1,9%           | 2,9%           |               |              |
| ???    | ?????   | ?????    | \$ 11,6           | -12,2%         | -8,5%           | -18,2%          | -31,5%         |               |              |
| ???    | ?????   | ?????    | \$ 12,3           | -3,9%          | -15,3%          | -11,5%          | 23,0%          |               |              |

## 2.2 20-week MA Bearish: part 2

[Click Here To Unlock](#)

| Ticker | Company | Industry | Market cap. (\$b) | 1-Week Perf. % | 1-Month Perf. % | 3-Month Perf. % | 1-Year Perf. % | 1-Month Trend | 1-Year Trend |
|--------|---------|----------|-------------------|----------------|-----------------|-----------------|----------------|---------------|--------------|
| ???    | ?????   | ?????    | \$ 12,7           | -2,4%          | 6,4%            | -7,5%           | -30,9%         |               |              |
| ???    | ?????   | ?????    | \$ 10,7           | -4,9%          | -6,9%           | -3,6%           | -53,4%         |               |              |
| ???    | ?????   | ?????    | \$ 11,0           | -2,1%          | 6,0%            | -5,6%           | -8,1%          |               |              |
| ???    | ?????   | ?????    | \$ 10,8           | -2,3%          | 6,4%            | -5,4%           | 1,2%           |               |              |
| ???    | ?????   | ?????    | \$ 10,1           | -6,7%          | -4,2%           | -3,1%           | -10,9%         |               |              |
| ???    | ?????   | ?????    | \$ 9,1            | -3,9%          | 6,9%            | -3,4%           | -12,7%         |               |              |
| ???    | ?????   | ?????    | \$ 8,0            | -19,1%         | -3,8%           | -9,7%           | -61,2%         |               |              |
| ???    | ?????   | ?????    | \$ 8,8            | -3,0%          | 4,7%            | -13,3%          | -23,5%         |               |              |
| ???    | ?????   | ?????    | \$ 8,8            | -11,3%         | -4,7%           | -6,6%           | 19,6%          |               |              |
| ???    | ?????   | ?????    | \$ 8,1            | -7,8%          | -5,0%           | -9,3%           | -33,1%         |               |              |
| ???    | ?????   | ?????    | \$ 7,8            | -1,6%          | -4,0%           | -2,8%           | 2,1%           |               |              |
| ???    | ?????   | ?????    | \$ 7,9            | -1,1%          | -4,4%           | -4,4%           | -25,7%         |               |              |
| ???    | ?????   | ?????    | \$ 7,7            | -1,5%          | 2,7%            | -7,1%           | -1,0%          |               |              |
| ???    | ?????   | ?????    | \$ 7,5            | -0,6%          | 5,5%            | -4,1%           | -9,6%          |               |              |
| ???    | ?????   | ?????    | \$ 7,3            | -2,7%          | 7,3%            | -5,0%           | 1,4%           |               |              |
| ???    | ?????   | ?????    | \$ 7,0            | -5,5%          | -4,8%           | -8,2%           | -16,7%         |               |              |
| ???    | ?????   | ?????    | \$ 6,9            | 1,5%           | 6,7%            | -7,5%           | -8,3%          |               |              |
| ???    | ?????   | ?????    | \$ 6,4            | -5,9%          | -5,1%           | -4,6%           | -0,9%          |               |              |
| ???    | ?????   | ?????    | \$ 6,1            | -3,9%          | -6,5%           | -2,9%           | 6,1%           |               |              |
| ???    | ?????   | ?????    | \$ 6,1            | -4,9%          | 4,2%            | 1,0%            | -16,0%         |               |              |
| ???    | ?????   | ?????    | \$ 5,5            | -6,7%          | 12,2%           | -11,3%          | -35,1%         |               |              |
| ???    | ?????   | ?????    | \$ 5,6            | -4,4%          | -0,1%           | 0,0%            | 17,2%          |               |              |
| ???    | ?????   | ?????    | \$ 5,7            | -2,5%          | 4,1%            | -6,4%           | 59,0%          |               |              |
| ???    | ?????   | ?????    | \$ 5,1            | -7,1%          | 1,0%            | -8,0%           | 19,7%          |               |              |
| ???    | ?????   | ?????    | \$ 5,0            | -4,1%          | -5,5%           | 1,5%            | 30,4%          |               |              |
| ???    | ?????   | ?????    | \$ 4,8            | -6,4%          | 6,4%            | -14,8%          | -35,0%         |               |              |
| ???    | ?????   | ?????    | \$ 4,1            | -12,6%         | -13,5%          | 7,7%            | 18,5%          |               |              |
| ???    | ?????   | ?????    | \$ 5,9            | -6,3%          | 3,3%            | -10,4%          | -11,1%         |               |              |
| ???    | ?????   | ?????    | \$ 2,7            | -13,2%         | 11,8%           | -25,1%          | -15,1%         |               |              |
| ???    | ?????   | ?????    | \$ 4,4            | -0,3%          | 2,8%            | 1,6%            | 27,1%          |               |              |
| ???    | ?????   | ?????    | \$ 10,4           | -2,6%          | 4,6%            | -5,1%           | 0,7%           |               |              |
| ???    | ?????   | ?????    | \$ 8,5            | -6,7%          | -4,0%           | -1,6%           | 16,9%          |               |              |
| ???    | ?????   | ?????    | \$ 4,1            | -2,4%          | -4,4%           | 1,9%            | 58,7%          |               |              |
| ???    | ?????   | ?????    | \$ 3,9            | -4,6%          | 17,6%           | -10,3%          | -6,4%          |               |              |
| ???    | ?????   | ?????    | \$ 3,8            | -5,3%          | -4,1%           | -9,5%           | 6,2%           |               |              |
| ???    | ?????   | ?????    | \$ 3,5            | -6,9%          | 13,6%           | -19,0%          | -17,0%         |               |              |
| ???    | ?????   | ?????    | \$ 3,3            | -6,9%          | -1,7%           | -8,5%           | -52,3%         |               |              |
| ???    | ?????   | ?????    | \$ 3,4            | -7,5%          | -0,7%           | 9,9%            | 38,4%          |               |              |
| ???    | ?????   | ?????    | \$ 3,3            | -4,4%          | -13,4%          | -6,2%           | 6,2%           |               |              |
| ???    | ?????   | ?????    | \$ 3,2            | -8,6%          | 6,1%            | -15,2%          | 4,1%           |               |              |
| ???    | ?????   | ?????    | \$ 2,9            | -9,6%          | 12,3%           | -10,6%          | 56,5%          |               |              |
| ???    | ?????   | ?????    | \$ 3,1            | -3,3%          | 2,8%            | -12,9%          | -33,2%         |               |              |
| ???    | ?????   | ?????    | \$ 2,9            | -2,9%          | -6,9%           | 5,8%            | 54,9%          |               |              |
| ???    | ?????   | ?????    | \$ 3,1            | -0,2%          | -0,1%           | -5,2%           | 16,8%          |               |              |
| ???    | ?????   | ?????    | \$ 3,1            | 0,0%           | 6,4%            | -6,8%           | -33,6%         |               |              |
| ???    | ?????   | ?????    | \$ 2,8            | -9,1%          | 3,8%            | -18,4%          | -51,3%         |               |              |
| ???    | ?????   | ?????    | \$ 2,6            | -8,1%          | -10,3%          | 1,8%            | 18,0%          |               |              |
| ???    | ?????   | ?????    | \$ 2,7            | -3,9%          | -3,9%           | 10,3%           | 50,8%          |               |              |
| ???    | ?????   | ?????    | \$ 2,6            | -4,3%          | -1,0%           | -3,9%           | -25,8%         |               |              |
| ???    | ?????   | ?????    | \$ 2,8            | -4,2%          | -2,7%           | -2,8%           | -18,7%         |               |              |



### 3. 50-week MA: Bullish

This subsection focuses on the trading signal / chart pattern which refers to the potential start of a mid / long-term positive trend and is identified with the company's price crossed above the 50-week moving average.



**Stocks**  
Analyzed

**83**

# 3.1 50-week MA Bullish: part 1

[Click Here To Unlock](#)

| Ticker | Company | Industry | Market cap. (\$b) | 1-Week Perf. % | 1-Month Perf. % | 3-Month Perf. % | 1-Year Perf. % | 1-Month Trend | 1-Year Trend |
|--------|---------|----------|-------------------|----------------|-----------------|-----------------|----------------|---------------|--------------|
| ???    | ?????   | ?????    | \$ 303,8          | 1,6%           | 6,0%            | -4,4%           | 0,0%           |               |              |
| ???    | ?????   | ?????    | \$ 224,6          | 2,5%           | 2,2%            | 1,6%            | -11,4%         |               |              |
| ???    | ?????   | ?????    | \$ 194,1          | 6,8%           | 13,9%           | 0,5%            | -6,7%          |               |              |
| ???    | ?????   | ?????    | \$ 114,1          | 4,4%           | 8,0%            | 4,8%            | -20,5%         |               |              |
| ???    | ?????   | ?????    | \$ 83,3           | 1,5%           | 7,8%            | -12,9%          | -2,4%          |               |              |
| ???    | ?????   | ?????    | \$ 65,2           | 4,5%           | 12,6%           | 5,5%            | -7,8%          |               |              |
| ???    | ?????   | ?????    | \$ 55,9           | 1,5%           | 10,6%           | 11,3%           | -1,7%          |               |              |
| ???    | ?????   | ?????    | \$ 52,5           | 3,0%           | 7,2%            | 10,7%           | -26,9%         |               |              |
| ???    | ?????   | ?????    | \$ 49,3           | 1,2%           | 9,8%            | -2,3%           | -6,8%          |               |              |
| ???    | ?????   | ?????    | \$ 48,3           | 0,7%           | 5,4%            | 1,0%            | -6,3%          |               |              |
| ???    | ?????   | ?????    | \$ 40,3           | 0,7%           | 0,7%            | -14,8%          | -6,9%          |               |              |
| ???    | ?????   | ?????    | \$ 41,7           | 4,8%           | 8,8%            | -6,6%           | 3,7%           |               |              |
| ???    | ?????   | ?????    | \$ 34,4           | 0,2%           | -2,3%           | 7,8%            | -15,9%         |               |              |
| ???    | ?????   | ?????    | \$ 33,4           | 2,9%           | 9,9%            | 0,4%            | -9,9%          |               |              |
| ???    | ?????   | ?????    | \$ 29,6           | 3,6%           | 5,7%            | 9,1%            | 0,8%           |               |              |
| ???    | ?????   | ?????    | \$ 27,4           | 2,8%           | 13,6%           | -8,0%           | -6,1%          |               |              |
| ???    | ?????   | ?????    | \$ 22,1           | -0,8%          | 8,7%            | -12,5%          | -21,4%         |               |              |
| ???    | ?????   | ?????    | \$ 21,7           | 0,2%           | 5,2%            | -10,5%          | -2,8%          |               |              |
| ???    | ?????   | ?????    | \$ 20,1           | 0,4%           | 7,3%            | 6,9%            | -13,8%         |               |              |
| ???    | ?????   | ?????    | \$ 17,4           | 2,7%           | 10,9%           | 5,2%            | -9,3%          |               |              |
| ???    | ?????   | ?????    | \$ 16,8           | 4,6%           | 17,6%           | 12,7%           | -37,3%         |               |              |
| ???    | ?????   | ?????    | \$ 16,3           | 3,6%           | 7,4%            | 11,8%           | -37,2%         |               |              |
| ???    | ?????   | ?????    | \$ 14,8           | 2,0%           | 11,4%           | 0,5%            | -27,4%         |               |              |
| ???    | ?????   | ?????    | \$ 14,7           | 1,3%           | 8,7%            | -1,5%           | -22,8%         |               |              |
| ???    | ?????   | ?????    | \$ 14,5           | 1,5%           | 6,0%            | 2,6%            | -11,7%         |               |              |
| ???    | ?????   | ?????    | \$ 14,6           | 4,9%           | 7,5%            | -10,1%          | -13,6%         |               |              |
| ???    | ?????   | ?????    | \$ 13,4           | 4,0%           | 6,6%            | -0,2%           | -15,7%         |               |              |
| ???    | ?????   | ?????    | \$ 11,4           | 2,8%           | 5,7%            | 0,4%            | -0,3%          |               |              |
| ???    | ?????   | ?????    | \$ 7,8            | -0,7%          | 13,4%           | -7,6%           | -17,3%         |               |              |
| ???    | ?????   | ?????    | \$ 7,6            | 0,9%           | 4,1%            | -5,7%           | -7,0%          |               |              |
| ???    | ?????   | ?????    | \$ 7,7            | 2,9%           | -7,7%           | -2,2%           | 6,9%           |               |              |
| ???    | ?????   | ?????    | \$ 7,5            | 1,7%           | 10,2%           | 2,5%            | 62,8%          |               |              |
| ???    | ?????   | ?????    | \$ 6,9            | 3,6%           | 0,1%            | -11,3%          | 72,7%          |               |              |
| ???    | ?????   | ?????    | \$ 6,3            | 1,3%           | 20,9%           | 7,6%            | -11,8%         |               |              |
| ???    | ?????   | ?????    | \$ 6,2            | -0,9%          | 0,8%            | -8,2%           | -10,3%         |               |              |
| ???    | ?????   | ?????    | \$ 5,8            | 0,1%           | -0,5%           | 1,7%            | -0,8%          |               |              |
| ???    | ?????   | ?????    | \$ 5,2            | 2,9%           | 3,7%            | -18,8%          | 16,8%          |               |              |
| ???    | ?????   | ?????    | \$ 5,2            | 0,4%           | -0,9%           | -3,4%           | 15,4%          |               |              |
| ???    | ?????   | ?????    | \$ 5,1            | 1,0%           | 9,5%            | -11,6%          | -7,8%          |               |              |
| ???    | ?????   | ?????    | \$ 5,2            | 0,5%           | 7,6%            | -4,8%           | 8,3%           |               |              |
| ???    | ?????   | ?????    | \$ 5,0            | 1,1%           | 5,5%            | -10,1%          | 3,3%           |               |              |
| ???    | ?????   | ?????    | \$ 4,4            | 3,0%           | 11,7%           | -8,6%           | -3,8%          |               |              |
| ???    | ?????   | ?????    | \$ 4,4            | 2,8%           | 9,1%            | -5,3%           | -15,1%         |               |              |
| ???    | ?????   | ?????    | \$ 4,1            | -1,5%          | 5,5%            | 9,8%            | -36,3%         |               |              |
| ???    | ?????   | ?????    | \$ 5,0            | 4,2%           | 10,6%           | -13,2%          | -5,0%          |               |              |
| ???    | ?????   | ?????    | \$ 3,1            | 2,7%           | 7,7%            | -13,4%          | 2,4%           |               |              |
| ???    | ?????   | ?????    | \$ 3,7            | 0,4%           | 1,0%            | -1,6%           | -9,2%          |               |              |
| ???    | ?????   | ?????    | \$ 3,6            | 0,8%           | -6,9%           | 1,0%            | -14,2%         |               |              |
| ???    | ?????   | ?????    | \$ 3,8            | 5,0%           | 10,8%           | 8,7%            | -17,9%         |               |              |
| ???    | ?????   | ?????    | \$ 3,5            | 3,8%           | 15,5%           | -13,4%          | 21,1%          |               |              |



## 4. 50-week MA: Bearish

This subsection focuses on the trading signal / chart pattern which refers to the potential start of a mid / long-term negative trend and is identified with the company's price crossed below the 50-week moving average.



**Stocks**  
Analyzed

98

# 4.1 50-week MA Bearish: part 1

[Click Here To Unlock](#)

| Ticker | Company | Industry | Market cap. (\$b) | 1-Week Perf. % | 1-Month Perf. % | 3-Month Perf. % | 1-Year Perf. % | 1-Month Trend | 1-Year Trend |
|--------|---------|----------|-------------------|----------------|-----------------|-----------------|----------------|---------------|--------------|
| ???    | ?????   | ?????    | \$ 451,3          | -4,3%          | 1,6%            | -1,8%           | -7,1%          |               |              |
| ???    | ?????   | ?????    | \$ 230,6          | -7,6%          | 2,6%            | -26,1%          | 3,1%           |               |              |
| ???    | ?????   | ?????    | \$ 174,5          | -1,3%          | 1,6%            | 0,8%            | -11,1%         |               |              |
| ???    | ?????   | ?????    | \$ 126,4          | -5,7%          | 3,2%            | 0,7%            | -34,9%         |               |              |
| ???    | ?????   | ?????    | \$ 130,2          | -1,7%          | 2,4%            | -4,3%           | -2,6%          |               |              |
| ???    | ?????   | ?????    | \$ 123,9          | -3,2%          | 7,2%            | -18,0%          | 6,5%           |               |              |
| ???    | ?????   | ?????    | \$ 107,0          | -6,9%          | -1,3%           | -10,2%          | -10,3%         |               |              |
| ???    | ?????   | ?????    | \$ 79,6           | -1,8%          | 7,0%            | -3,3%           | -12,4%         |               |              |
| ???    | ?????   | ?????    | \$ 69,0           | -2,9%          | 11,2%           | -13,7%          | 1,0%           |               |              |
| ???    | ?????   | ?????    | \$ 61,4           | -5,3%          | -2,2%           | -1,6%           | 10,5%          |               |              |
| ???    | ?????   | ?????    | \$ 63,5           | -9,0%          | -4,5%           | -26,1%          | -14,6%         |               |              |
| ???    | ?????   | ?????    | \$ 55,6           | -1,7%          | 6,3%            | -7,8%           | 9,3%           |               |              |
| ???    | ?????   | ?????    | \$ 54,3           | -2,2%          | -6,6%           | -27,1%          | 0,4%           |               |              |
| ???    | ?????   | ?????    | \$ 48,9           | -1,1%          | 3,3%            | -5,5%           | -8,5%          |               |              |
| ???    | ?????   | ?????    | \$ 44,0           | -6,8%          | -7,5%           | -20,2%          | 16,1%          |               |              |
| ???    | ?????   | ?????    | \$ 43,7           | -5,0%          | -20,0%          | -9,7%           | 9,1%           |               |              |
| ???    | ?????   | ?????    | \$ 40,2           | -5,8%          | 5,1%            | -12,0%          | -5,8%          |               |              |
| ???    | ?????   | ?????    | \$ 39,0           | -2,3%          | 3,5%            | -6,7%           | -9,3%          |               |              |
| ???    | ?????   | ?????    | \$ 37,8           | -1,8%          | -1,9%           | -12,0%          | -36,1%         |               |              |
| ???    | ?????   | ?????    | \$ 36,6           | 0,2%           | 2,1%            | -0,9%           | 10,8%          |               |              |
| ???    | ?????   | ?????    | \$ 35,2           | -0,4%          | 3,0%            | -13,0%          | -0,4%          |               |              |
| ???    | ?????   | ?????    | \$ 33,1           | -6,5%          | -3,0%           | -9,5%           | -34,0%         |               |              |
| ???    | ?????   | ?????    | \$ 29,0           | -4,7%          | 6,3%            | 1,6%            | -19,9%         |               |              |
| ???    | ?????   | ?????    | \$ 27,7           | -3,7%          | 2,3%            | -3,0%           | 11,2%          |               |              |
| ???    | ?????   | ?????    | \$ 23,5           | -13,0%         | -8,9%           | -12,3%          | -17,9%         |               |              |
| ???    | ?????   | ?????    | \$ 22,0           | -13,7%         | -14,9%          | -16,0%          | -3,8%          |               |              |
| ???    | ?????   | ?????    | \$ 39,4           | -4,9%          | 6,9%            | -7,7%           | -25,9%         |               |              |
| ???    | ?????   | ?????    | \$ 18,7           | -8,8%          | 1,6%            | -10,9%          | -8,2%          |               |              |
| ???    | ?????   | ?????    | \$ 17,2           | -7,0%          | -0,2%           | 13,0%           | -31,6%         |               |              |
| ???    | ?????   | ?????    | \$ 18,0           | -2,4%          | 7,0%            | -8,8%           | -15,1%         |               |              |
| ???    | ?????   | ?????    | \$ 16,1           | -1,4%          | 8,1%            | -13,1%          | 6,7%           |               |              |
| ???    | ?????   | ?????    | \$ 13,7           | -12,8%         | -13,0%          | 11,4%           | -55,1%         |               |              |
| ???    | ?????   | ?????    | \$ 14,8           | -4,2%          | -0,3%           | -7,5%           | -23,8%         |               |              |
| ???    | ?????   | ?????    | \$ 13,5           | -6,6%          | 3,5%            | -3,9%           | -16,8%         |               |              |
| ???    | ?????   | ?????    | \$ 11,6           | -5,7%          | 7,9%            | -17,9%          | -8,5%          |               |              |
| ???    | ?????   | ?????    | \$ 9,9            | -0,3%          | 6,7%            | -17,0%          | -17,4%         |               |              |
| ???    | ?????   | ?????    | \$ 8,6            | -5,4%          | -3,7%           | 5,4%            | -14,5%         |               |              |
| ???    | ?????   | ?????    | \$ 8,7            | -2,0%          | -4,2%           | -10,8%          | 14,8%          |               |              |
| ???    | ?????   | ?????    | \$ 8,2            | -0,9%          | -1,0%           | -6,5%           | 8,7%           |               |              |
| ???    | ?????   | ?????    | \$ 7,8            | -1,6%          | -4,0%           | -2,8%           | 2,1%           |               |              |
| ???    | ?????   | ?????    | \$ 7,7            | -1,5%          | 2,7%            | -7,1%           | -1,0%          |               |              |
| ???    | ?????   | ?????    | \$ 7,5            | -0,6%          | 5,5%            | -4,1%           | -9,6%          |               |              |
| ???    | ?????   | ?????    | \$ 7,0            | -5,5%          | -4,8%           | -8,2%           | -16,7%         |               |              |
| ???    | ?????   | ?????    | \$ 6,8            | -3,3%          | 6,7%            | -9,8%           | 0,0%           |               |              |
| ???    | ?????   | ?????    | \$ 6,4            | -2,9%          | 7,8%            | -12,0%          | 2,2%           |               |              |
| ???    | ?????   | ?????    | \$ 6,2            | -3,9%          | -4,9%           | -8,9%           | -35,2%         |               |              |
| ???    | ?????   | ?????    | \$ 6,3            | -2,3%          | -0,1%           | -8,3%           | -9,6%          |               |              |
| ???    | ?????   | ?????    | \$ 5,8            | -4,4%          | 7,8%            | -18,0%          | -3,9%          |               |              |
| ???    | ?????   | ?????    | \$ 5,8            | -3,9%          | 9,5%            | -7,6%           | -9,7%          |               |              |
| ???    | ?????   | ?????    | \$ 5,6            | -1,4%          | 4,2%            | -3,9%           | -0,8%          |               |              |

# 4.2 50-week MA Bearish: part 2

[Click Here To Unlock](#)

| Ticker | Company | Industry | Market cap. (\$b) | 1-Week Perf. % | 1-Month Perf. % | 3-Month Perf. % | 1-Year Perf. % | 1-Month Trend | 1-Year Trend |
|--------|---------|----------|-------------------|----------------|-----------------|-----------------|----------------|---------------|--------------|
| ???    | ?????   | ?????    | \$ 4,8            | -3,4%          | -1,0%           | -3,8%           | -13,6%         |               |              |
| ???    | ?????   | ?????    | \$ 4,8            | -3,2%          | 1,2%            | -23,5%          | 0,9%           |               |              |
| ???    | ?????   | ?????    | \$ 4,6            | -4,1%          | -0,2%           | 8,8%            | -11,3%         |               |              |
| ???    | ?????   | ?????    | \$ 5,9            | -6,3%          | 3,3%            | -10,4%          | -11,1%         |               |              |
| ???    | ?????   | ?????    | \$ 4,6            | -7,8%          | -13,3%          | -21,7%          | 33,4%          |               |              |
| ???    | ?????   | ?????    | \$ 4,3            | -2,7%          | -8,9%           | -12,2%          | -6,9%          |               |              |
| ???    | ?????   | ?????    | \$ 10,4           | -2,6%          | 4,6%            | -5,1%           | 0,7%           |               |              |
| ???    | ?????   | ?????    | \$ 4,2            | -3,6%          | 1,1%            | -19,4%          | 10,4%          |               |              |
| ???    | ?????   | ?????    | \$ 3,8            | -5,3%          | -4,1%           | -9,5%           | 6,2%           |               |              |
| ???    | ?????   | ?????    | \$ 3,7            | -5,7%          | 2,9%            | -17,8%          | 111,4%         |               |              |
| ???    | ?????   | ?????    | \$ 4,1            | -7,3%          | 4,5%            | -24,2%          | -38,4%         |               |              |
| ???    | ?????   | ?????    | \$ 3,5            | -8,4%          | -1,1%           | -9,4%           | -1,7%          |               |              |
| ???    | ?????   | ?????    | \$ 3,4            | -5,6%          | -5,3%           | -14,3%          | -25,5%         |               |              |
| ???    | ?????   | ?????    | \$ 3,5            | -6,9%          | 13,6%           | -19,0%          | -17,0%         |               |              |
| ???    | ?????   | ?????    | \$ 3,5            | -3,6%          | 9,7%            | -11,6%          | -14,3%         |               |              |
| ???    | ?????   | ?????    | \$ 3,2            | -3,4%          | 4,8%            | -18,3%          | 17,3%          |               |              |
| ???    | ?????   | ?????    | \$ 3,1            | -3,3%          | 2,8%            | -12,9%          | -33,2%         |               |              |
| ???    | ?????   | ?????    | \$ 2,6            | -4,7%          | 5,9%            | -4,5%           | -7,0%          |               |              |
| ???    | ?????   | ?????    | \$ 2,6            | -2,1%          | 3,1%            | -11,2%          | 16,4%          |               |              |
| ???    | ?????   | ?????    | \$ 2,5            | -6,1%          | -3,7%           | -3,0%           | 17,0%          |               |              |
| ???    | ?????   | ?????    | \$ 2,3            | -10,7%         | -16,9%          | 5,0%            | -64,7%         |               |              |
| ???    | ?????   | ?????    | \$ 2,4            | -6,0%          | -8,0%           | 4,1%            | -4,7%          |               |              |
| ???    | ?????   | ?????    | \$ 2,1            | -6,7%          | -2,8%           | -6,3%           | -27,8%         |               |              |
| ???    | ?????   | ?????    | \$ 2,2            | -3,2%          | -2,3%           | -7,7%           | 1,9%           |               |              |
| ???    | ?????   | ?????    | \$ 2,1            | -4,9%          | -3,7%           | -5,9%           | -10,9%         |               |              |
| ???    | ?????   | ?????    | \$ 2,0            | -7,0%          | -1,5%           | -13,3%          | -42,9%         |               |              |
| ???    | ?????   | ?????    | \$ 2,1            | -1,6%          | 7,3%            | -3,8%           | -15,7%         |               |              |
| ???    | ?????   | ?????    | \$ 2,0            | -6,9%          | 5,3%            | 2,5%            | 37,5%          |               |              |
| ???    | ?????   | ?????    | \$ 2,0            | -7,2%          | 12,0%           | 63,9%           | 28,2%          |               |              |
| ???    | ?????   | ?????    | \$ 1,9            | -4,9%          | 10,3%           | -7,8%           | -4,9%          |               |              |
| ???    | ?????   | ?????    | \$ 1,5            | -22,0%         | 14,3%           | 2,1%            | -50,8%         |               |              |
| ???    | ?????   | ?????    | \$ 1,8            | -3,5%          | -3,5%           | 0,8%            | -29,9%         |               |              |
| ???    | ?????   | ?????    | \$ 1,7            | -1,4%          | -2,0%           | -21,4%          | 10,1%          |               |              |
| ???    | ?????   | ?????    | \$ 1,5            | -4,7%          | -4,6%           | -11,4%          | -16,9%         |               |              |
| ???    | ?????   | ?????    | \$ 1,6            | -2,7%          | 5,1%            | -12,4%          | -6,8%          |               |              |
| ???    | ?????   | ?????    | \$ 1,5            | -3,2%          | 0,9%            | -10,7%          | -8,3%          |               |              |
| ???    | ?????   | ?????    | \$ 1,4            | -1,1%          | 2,4%            | -6,7%           | -16,3%         |               |              |
| ???    | ?????   | ?????    | \$ 1,3            | -2,7%          | 3,7%            | -12,2%          | -17,2%         |               |              |
| ???    | ?????   | ?????    | \$ 1,3            | -6,5%          | -2,3%           | -4,6%           | -16,9%         |               |              |
| ???    | ?????   | ?????    | \$ 1,2            | -3,3%          | -11,8%          | -13,2%          | -20,0%         |               |              |
| ???    | ?????   | ?????    | \$ 1,2            | -3,5%          | -0,3%           | -6,5%           | 69,7%          |               |              |
| ???    | ?????   | ?????    | \$ 1,1            | -4,4%          | 13,9%           | -23,4%          | -9,4%          |               |              |
| ???    | ?????   | ?????    | \$ 1,1            | -2,6%          | -2,7%           | -7,5%           | -15,1%         |               |              |
| ???    | ?????   | ?????    | \$ 1,0            | -6,0%          | 2,4%            | -8,8%           | -33,0%         |               |              |
| ???    | ?????   | ?????    | \$ 1,1            | -0,5%          | -8,0%           | -3,4%           | -1,9%          |               |              |
| ???    | ?????   | ?????    | \$ 1,1            | -46,8%         | -42,5%          | -37,0%          | -59,7%         |               |              |
| ???    | ?????   | ?????    | \$ 1,0            | -7,7%          | 5,4%            | -20,2%          | -21,8%         |               |              |
| ???    | ?????   | ?????    | \$ 1,0            | -5,2%          | 5,1%            | 1,3%            | -16,4%         |               |              |

# 5. Disclaimer

The report is not for public distribution and has been furnished solely for information and must not be reproduced or redistributed to others. None can use the report as a base for any claim, demand or cause of action and, also none is responsible for any loss incurred based upon. The investments discussed in this report may not be suitable for all investors. Opinion expressed is the current opinion as of the date appearing on the material only. Further, the information in the document has been printed on the basis of publicly available information; internal data and other sources believed to be true and are for general guidance only but which may have not been verified independently. While every effort is made to ensure the accuracy and completeness of information contained, BullDude.com takes no responsibility and assumes no liability for any error/ omission or accuracy of the information. Recipients of this material should rely on their own judgments and conclusions from relevant sources before making any investment. The investment advice should not be considered to be or taken as an offer to sell or a solicitation to buy/sell any security. Price and value of the investments referred to in this material are subject to volatility. Past performance is not a guide for future performance.

Bulldude.com and this report contains statements and statistics that have been obtained from sources believed to be reliable but are not guaranteed as to accuracy or completeness.

**YOU SHOULD NOT MAKE ANY DECISION, FINANCIAL, INVESTMENTS, TRADING OR OTHERWISE, BASED ON ANY OF THE INFORMATION PRESENTED ON OR DELIVERED BY ANY OF THE PRODUCTS, SERVICES, INTERNET WEB SITES WITHOUT UNDERTAKING INDEPENDENT DUE DILIGENCE AND CONSULTATION WITH A PROFESSIONAL BROKER OR COMPETENT FINANCIAL ADVISOR.**

Decisions to buy, sell, hold or trade in securities, commodities, cryptocurrencies and other investments involve risk and are best made based on the advice of qualified financial professionals. Any trading in securities or cryptocurrencies or other investments involves a risk of substantial losses. Under no circumstances shall we be liable for any loss or damage you or anyone else incurs as a result of any trading or investment activity that you or anyone else engages in based on any information or material you receive through Bulldude.com or our Services.