Group Selection
Priced as of April 9, 2019

Note: Group tickers incorporate hyperlinks to decile charts, and then a link to our Toolkit of the group members.

See back pages for user guide and disclaimer.
Sources for all charts: BMO Capital Markets
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### Sector Relative Strength Profiles*

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<tbody>
<tr>
<td>Energy</td>
<td>23% / 22% / 23%</td>
<td>/ / /</td>
<td>8% / 7% / 10%</td>
</tr>
<tr>
<td>Materials</td>
<td>41% / 39% / 40%</td>
<td>/ / /</td>
<td>4% / 4% / 6%</td>
</tr>
<tr>
<td>Industrials</td>
<td>42% / 42% / 42%</td>
<td>/ / /</td>
<td>5% / 3% / 5%</td>
</tr>
<tr>
<td>CMR Disc</td>
<td>41% / 41% / 40%</td>
<td>/ / /</td>
<td>2% / 0% / 3%</td>
</tr>
<tr>
<td>CMR Stap</td>
<td>49% / 49% / 47%</td>
<td>/ / /</td>
<td>-5% / -6% / -4%</td>
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<tr>
<td>Hlth Care</td>
<td>45% / 45% / 46%</td>
<td>/ / /</td>
<td>-5% / -4% / -4%</td>
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<tr>
<td>Financials</td>
<td>40% / 40% / 42%</td>
<td>/ / /</td>
<td>-3% / -4% / -3%</td>
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<tr>
<td>Info Tech</td>
<td>63% / 62% / 60%</td>
<td>/ / /</td>
<td>9% / 9% / 10%</td>
</tr>
<tr>
<td>Comm Srv</td>
<td>44% / 45% / 45%</td>
<td>/ / /</td>
<td>-5% / -5% / -4%</td>
</tr>
<tr>
<td>Utilities</td>
<td>71% / 73% / 73%</td>
<td>/ / /</td>
<td>-14% / -19% / -18%</td>
</tr>
<tr>
<td>Real Estate</td>
<td>67% / 69% / 70%</td>
<td>/ / /</td>
<td>-6% / -7% / -2%</td>
</tr>
</tbody>
</table>

*Three terms define the relative performance Z-Score rating versus the markets (US = S&P 500; GBL = MSCI AC World; CDA = S&P/TSX Composite)

(a) % Outperforming - what percentage of sector members is outperforming the market,
(b) Reward/Risk - how consistent is the median relative strength performance of the sector membership ( / ranking),
(c) Trend Psn - what is the net percentage of the sector members which are breaking above/below relative strength channels.

The strength z-Score is weighted 60% towards the trend parameters (% outperforming and reward/risk ratios) and 40% towards the trend positions (reversals of trends). Gridlines are placed at 0.5 increments.

See Help Pages for further details
April 9, 2019

Energy

Momentum

Strength

OG Drill
12 stocks; $26bn
OG RfMkt
35 stocks; $487bn
Int O&G
37 stocks; $1856bn
OG E&P
99 stocks; $769bn
OG StTr
37 stocks; $638bn
Coal&Uran
21 stocks; $86bn
OG Equip
57 stocks; $222bn
Health Care

April 9, 2019

Mark Steele (416) 359-4641

Momentum

Strength

HCareTec
18 stocks; $90bn

MngHCare
70 stocks; $407bn

Biotech
120 stocks; $997bn

HCEquip
75 stocks; $1153bn

HCEquip
75 stocks; $1153bn

HCService
27 stocks; $269bn

HCFacility
34 stocks; $181bn

Pharma
121 stocks; $2707bn

HCDistrib
17 stocks; $102bn

HCSuppls
27 stocks; $153bn

LfSciSrv
31 stocks; $408bn

10 stocks; $407bn

120 stocks; $997bn

121 stocks; $2707bn

34 stocks; $181bn

17 stocks; $102bn

27 stocks; $153bn
<table>
<thead>
<tr>
<th>Sector</th>
<th>Momentum</th>
<th>Strength</th>
<th>Stocks</th>
<th>Market Cap (bn)</th>
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<tbody>
<tr>
<td>Cable &amp; Satellite (Cabl&amp;Sat)</td>
<td>↓</td>
<td></td>
<td>23</td>
<td>$394bn</td>
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<tr>
<td>Broadcast</td>
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<td>27</td>
<td>$592bn</td>
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<td>AltCar</td>
<td>↑</td>
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<td>10</td>
<td>$43bn</td>
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<tr>
<td>WlsTelSrv</td>
<td>↑</td>
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<td>43</td>
<td>$873bn</td>
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<td>Publishing</td>
<td>↓</td>
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<td>13</td>
<td>$45bn</td>
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<tr>
<td>Advert</td>
<td>↑</td>
<td></td>
<td>17</td>
<td>$104bn</td>
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<tr>
<td>IntMeSer</td>
<td>↑</td>
<td></td>
<td>43</td>
<td>$1533bn</td>
</tr>
<tr>
<td>IntHmEnt</td>
<td>↑</td>
<td></td>
<td>21</td>
<td>$229bn</td>
</tr>
<tr>
<td>IntgTelSrv</td>
<td>↓</td>
<td></td>
<td>57</td>
<td>$1312bn</td>
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<tr>
<td>Mov&amp;Ent</td>
<td>↑</td>
<td></td>
<td>25</td>
<td>$506bn</td>
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<tr>
<td>Sector</td>
<td>Number of Stocks</td>
<td>Market Value (bn)</td>
<td></td>
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<tr>
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<td>-------------------</td>
<td></td>
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<tr>
<td>RenewElec</td>
<td>23</td>
<td>$131bn</td>
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<tr>
<td>WaterUtil</td>
<td>23</td>
<td>$93bn</td>
<td></td>
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<tr>
<td>IPPTrad</td>
<td>25</td>
<td>$145bn</td>
<td></td>
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<tr>
<td>MultiUtil</td>
<td>34</td>
<td>$481bn</td>
<td></td>
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<tr>
<td>GasUtil</td>
<td>35</td>
<td>$254bn</td>
<td></td>
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<tr>
<td>ElecUtil</td>
<td>86</td>
<td>$1,226bn</td>
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</table>
Real Estate

Momentum

REstSrv
12 stocks; $40bn

REstDevI
37 stocks; $422bn

REstDevI
37 stocks; $422bn

REstDvAct
32 stocks; $346bn

SpecREIT
21 stocks; $387bn

IndusREIT
27 stocks; $140bn

ResiREIT
28 stocks; $167bn

HCareREIT
17 stocks; $111bn

ResiREIT
28 stocks; $167bn

OfficeREIT
33 stocks; $180bn

HCareREIT
17 stocks; $111bn

REstOpCo
30 stocks; $256bn

DiversREIT
34 stocks; $151bn

REstOpCo
30 stocks; $256bn

RetailREIT
52 stocks; $297bn

REstDvAct
32 stocks; $346bn

HotelREIT
18 stocks; $56bn

REstSrv
12 stocks; $40bn

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Group Strength
Our Global Group analysis is based on bottom-up equity relative strength analysis as opposed to industry group (index) relative strength analysis.

Strength Decile Defined By
1. What percentage of a group's members are outperforming
2. How consistent that outperformance is
3. How the are members positioned (above/below) vs. their trend channels.

Momentum Decile
Rate of change of strength (change in 5-day moving average)

The Underlying Equity Relative Strength Analysis
Each day, for every equity we cover, our relative strength system assesses the best fit trend from a spectrum which covers a minimum trend duration of six months, and a maximum of 4-years. The "best fit" is the trend which maximizes duration, and minimizes deviation from the trend. Our process is flexible, thorough, and because it is run daily, timely.

The Dataset:
- Over 5,700 securities.
- Groups have a:
  ...Median depth of 28
  ...Average depth of 36

Heat Map Colour and Symbol Guide
Strength is highlighted by the background of the group title
- Bright green = best (1st decile) transitions towards...
- Bright red = worst (10th decile)

Momentum is highlighted in the border of the group title
- Colour map for momentum is the same as strength

Symbols to the right of the group ticker show where a group moved from in the previous session. Below the group symbol we highlight the number and total market capitalization of the members in a group. Clicking on the group, which brings up the chart via a hyperlink, will help to clarify the moves.
Our Goals:
- To buy outperforming stocks in favoured groups
- To avoid underperforming stocks in unfavoured groups
- To be alerted of and act on the changes

#1 Rule of Momentum: You can use it only if it exists

- In stable/trending markets, one can buy stocks with high strength and momentum and hold them as long as momentum does not turn negative (trend following).

- In very rotational markets (e.g., where credit, currency, commodity conditions are choppy/changing):
  - Buying high strength and high momentum may be dangerous (buying yesterday’s winners).
  - One is better off buying stocks with moderate strength and high momentum (bottom fishing).
User Guide 3 - Buy/Hold/Sell

Buy

- Groups with high strength and high positive momentum (top left) - “In Favour”
- Groups with moderate strength and high positive momentum - “Transitioning to Positive”
- Groups with mediocre strength and high positive momentum - “Gaining Favour”

Buy/Hold

- Groups with high strength and neutral momentum (middle left) - “Maintaining Favour”

Sell

- Groups with low strength and high negative momentum (bottom right) - “Out of Favour”
- Groups with moderately negative strength and high negative momentum - “Transitioning to Negative”
- Groups with mediocre strength and high negative momentum - “Losing Favour”
User Guide 4 - Hyperlinks To Decile Charts & Stock Selection

- Each group is hyperlinked to a chart that shows the relative strength decile as a function of time, and the moving average (momentum).

- Each chart is hyperlinked to the group membership, in our RS Filter Toolkit.
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<td>Buy</td>
<td>Outperform</td>
<td>43.2%</td>
<td>22.8%</td>
<td>57.4%</td>
<td>44.1%</td>
<td>57.0%</td>
<td>52.8%</td>
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<tr>
<td>Hold</td>
<td>Market Perform</td>
<td>53.2%</td>
<td>13.1%</td>
<td>40.6%</td>
<td>52.6%</td>
<td>41.1%</td>
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<tr>
<td>Sell</td>
<td>Underperform</td>
<td>3.7%</td>
<td>9.5%</td>
<td>2.0%</td>
<td>3.2%</td>
<td>1.6%</td>
<td>5.5%</td>
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* Reflects rating distribution of all companies covered by BMO Capital Markets Corp. equity research analysts.
** Reflects rating distribution of all companies from which BMO Capital Markets Corp. has received compensation for Investment Banking services as percentage within ratings category.
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***** Reflects rating distribution of all companies from which BMO Capital Markets has received compensation for Investment Banking services as percentage of Investment Banking clients.
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Mkt = Market Perform - Forecast to perform roughly in line with the analyst's coverage universe on a total return basis;
Und = Underperform - Forecast to underperform the analyst’s coverage universe on a total return basis;
(S) = Speculative investment;
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NR = No Rated - No rating at this time; and
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(January 2010 - April 2013)

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