Group Selection
Priced as of January 30, 2017

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 View

**Sector Relative Strength Profiles**

<table>
<thead>
<tr>
<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy</td>
<td>66% / 69% / 67%</td>
<td>-4% / -7% / -6%</td>
<td></td>
</tr>
<tr>
<td>Materials</td>
<td>55% / 58% / 55%</td>
<td>14% / 13% / 13%</td>
<td></td>
</tr>
<tr>
<td>Industrials</td>
<td>55% / 58% / 55%</td>
<td>3% / 1% / 3%</td>
<td></td>
</tr>
<tr>
<td>CMR Disc</td>
<td>42% / 47% / 43%</td>
<td>-1% / -3% / -1%</td>
<td></td>
</tr>
<tr>
<td>CMR Stap</td>
<td>29% / 33% / 29%</td>
<td>0% / 2% / 3%</td>
<td></td>
</tr>
<tr>
<td>Hlth Care</td>
<td>37% / 38% / 33%</td>
<td>-4% / -4% / -3%</td>
<td></td>
</tr>
<tr>
<td>Financials</td>
<td>66% / 69% / 69%</td>
<td>-1% / 1% / -2%</td>
<td></td>
</tr>
<tr>
<td>Info Tech</td>
<td>51% / 53% / 50%</td>
<td>3% / 3% / 2%</td>
<td></td>
</tr>
<tr>
<td>Telecom</td>
<td>27% / 29% / 27%</td>
<td>17% / 17% / 17%</td>
<td></td>
</tr>
<tr>
<td>Utilities</td>
<td>27% / 34% / 29%</td>
<td>1% / 1% / 3%</td>
<td></td>
</tr>
<tr>
<td>Real Estate</td>
<td>24% / 27% / 20%</td>
<td>3% / 2% / 2%</td>
<td></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.
Energy

Momentum

Strength

Coal & Uran
21 stocks; $76bn
OG RfMkt
48 stocks; $386bn
OG StTr
93 stocks; $660bn
OG Equip
63 stocks; $345bn
OG Drill
18 stocks; $41bn
OG E&P
120 stocks; $844bn
Int O&G
29 stocks; $161bn

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January 30, 2017
January 30, 2017

**Momentum**

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**Financials**

- **MltSecHld**: 26 stocks; $354bn
- **FnlExchDt**: 22 stocks; $290bn
- **Thrft&Mtg**: 45 stocks; $140bn
- **RegionBnk**: 141 stocks; $616bn
- **Multi-LnIns**: 30 stocks; $488bn
- **SpecialFin**: 9 stocks; $21bn
- **DiversBnk**: 162 stocks; $476bn
- **Reinsuran**: 72 stocks; $129bn
- **DivCpMkt**: 1 stocks; $164bn
- **InvBnkBrk**: 35 stocks; $373bn
- **LifeHthIns**: 48 stocks; $790bn
- **OthrDivFS**: 7 stocks; $88bn
- **ConsmrFin**: 28 stocks; $251bn
- **P&C Insur**: 62 stocks; $469bn
- **MortREIT**: 26 stocks; $53bn
- **AsstMgmt**: 83 stocks; $473bn

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*Note: The diagram shows the financials of various institutions categorized under momentum and strength axes. Each node represents a financial category with the number of stocks and total value.*
User Guide 1 - Definitions & Dataset

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 are the 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”
- 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.
IMPORTANT DISCLOSURES

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<th>Rating Category</th>
<th>BMO Rating</th>
<th>BMOCM US Universe*</th>
<th>BMOCM US IB Clients**</th>
<th>BMOCM US IB Clients***</th>
<th>BMOCM Universe****</th>
<th>BMOCM IB Clients*****</th>
<th>Starmine Universe</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buy</td>
<td>Outperform</td>
<td>42.2%</td>
<td>18.6%</td>
<td>54.7%</td>
<td>44.3%</td>
<td>56.9%</td>
<td>56.3%</td>
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<tr>
<td>Hold</td>
<td>Market Perform</td>
<td>54.3%</td>
<td>11.3%</td>
<td>42.7%</td>
<td>51.8%</td>
<td>40.9%</td>
<td>38.7%</td>
</tr>
<tr>
<td>Sell</td>
<td>Underperform</td>
<td>3.5%</td>
<td>11.1%</td>
<td>2.7%</td>
<td>3.9%</td>
<td>2.2%</td>
<td>5.0%</td>
</tr>
</tbody>
</table>

* 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.

*** Reflects rating distribution of all companies from which BMO Capital Markets Corp. 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;

NR = No rating at this time; and

R = Restricted - Dissemination of research is currently restricted.

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