Group Selection
Priced as of July 13, 2012

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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</tr>
</thead>
<tbody>
<tr>
<td>Energy</td>
<td>18% / 27% / 37%</td>
<td>▲ / ▲ / ▲</td>
<td>8% / 9% / 6%</td>
</tr>
<tr>
<td>Materials</td>
<td>15% / 23% / 29%</td>
<td>▲ / ▲ / ▲</td>
<td>-2% / -2% / -3%</td>
</tr>
<tr>
<td>Industrials</td>
<td>31% / 43% / 56%</td>
<td>▲ / ▲ / ▲</td>
<td>1% / 0% / -1%</td>
</tr>
<tr>
<td>CMR Disc</td>
<td>43% / 55% / 66%</td>
<td>▲ / ▲ / ▲</td>
<td>-4% / -4% / -3%</td>
</tr>
<tr>
<td>CMR Stap</td>
<td>53% / 68% / 82%</td>
<td>▲ / ▲ / ▲</td>
<td>-1% / -1% / 0%</td>
</tr>
<tr>
<td>Hlth Care</td>
<td>49% / 61% / 72%</td>
<td>▲ / ▲ / ▲</td>
<td>12% / 11% / 11%</td>
</tr>
<tr>
<td>Financials</td>
<td>46% / 65% / 75%</td>
<td>▲ / ▲ / ▲</td>
<td>13% / 11% / 10%</td>
</tr>
<tr>
<td>Info Tech</td>
<td>30% / 43% / 52%</td>
<td>▲ / ▲ / ▲</td>
<td>-9% / -10% / -9%</td>
</tr>
<tr>
<td>Telecom</td>
<td>32% / 43% / 51%</td>
<td>▲ / ▲ / ▲</td>
<td>17% / 14% / 14%</td>
</tr>
<tr>
<td>Utilities</td>
<td>37% / 55% / 67%</td>
<td>▲ / ▲ / ▲</td>
<td>13% / 11% / 8%</td>
</tr>
</tbody>
</table>

*Three terms define the relative performance Z-Score rating versus the markets (US = S&P 500; GBL = S&P Global 1200; CDA = S&P/TSX Composite)

(a) % Outperforming - what percentage of sector members is outperforming the market,
(b) Reward/Risk - how consistent the median relative strength performance of the sector membership ( ranking), and
(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.
July 13, 2012

**Resources**

**Momentum**
- OG StTr
  - 59 stocks: $416bn
- FrstPrd
  - 13 stocks: $12bn
- MtGlsCnt
  - 13 stocks: $34bn
- CstrMat
  - 26 stocks: $130bn
- SpecChm
  - 59 stocks: $229bn

**Strength**
- PaperPkg
  - 17 stocks: $41bn
- Fert&Ag
  - 39 stocks: $273bn
- IndusGas
  - 10 stocks: $122bn
- PapProd
  - 44 stocks: $88bn
- OG E&P
  - 229 stocks: $965bn

**DvrsMng**
- 147 stocks: $639bn

---

**OG Equip**
- 79 stocks: $369bn

**OG RfMkt**
- 44 stocks: $228bn

**OG Drill**
- 32 stocks: $103bn

---

**IndusGas**
- 13 stocks: $12bn

**OG RfMkt**
- 44 stocks: $273bn

**OG Drill**
- 32 stocks: $103bn

---

**ComdChm**
- 30 stocks: $213bn

**Int O&G**
- 36 stocks: $205bn

**Steel**
- 75 stocks: $396bn

**Alumin**
- 13 stocks: $41bn

**Coal&Uran**
- 51 stocks: $136bn

---

**DiversChm**
- 17 stocks: $222bn

---

**Gold**
- 132 stocks: $273bn

**PrecMet**
- 59 stocks: $106bn

---

**SpecChm**
- 59 stocks: $229bn

**Int O&G**
- 36 stocks: $205bn

**Steel**
- 75 stocks: $396bn

**Alumin**
- 13 stocks: $41bn

**Coal&Uran**
- 51 stocks: $136bn
Momentum

Strength

OG StTr
69 stocks; $416bn

OG Equip
79 stocks; $365bn

OG RfMkt
44 stocks; $228bn

OG Drill
32 stocks; $103bn

OG E&P
229 stocks; $965bn

Int O&G
36 stocks; $205bn

Coal&Uran
27 stocks; $136bn
Consumer Staples

- **DrugRetail**: 10 stocks; $109bn
- **SprCntrs**: 16 stocks; $440bn
- **Dist&Vnt**: 15 stocks; $191bn
- **AgriProd**: 25 stocks; $110bn
- **FdDistri**: 17 stocks; $30bn
- **HhidPrdct**: 17 stocks; $400bn
- **SoftDrnks**: 14 stocks; $364bn
- **Tobacco**: 17 stocks; $569bn
- **FdRetail**: 38 stocks; $296bn
- **PkgFdMt**: 84 stocks; $732bn
- **Brewers**: 15 stocks; $346bn
- **PersPrdct**: 25 stocks; $177bn

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Telecommunication Services

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IntgTelSrv
65 stocks; $110.8bn

WlsTelSrv
43 stocks; $88.7bn

AltCar
13 stocks; $30bn
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 deviations from the trend. Our process is flexible, thorough, and because it is run daily, timely.

The Dataset:
- Over 5,000 securities.
- Groups have a:
  ...Median depth of 25
  ...Average depth of 35

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 of 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).
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 5-day and 20-day moving averages (momentum).

- Each chart is hyperlinked to the group membership, in our RS Filter Toolkit.
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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>
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<tr>
<td>Buy</td>
<td>Outperform</td>
<td>37.7%</td>
<td>12.1%</td>
<td>52.1%</td>
<td>39.2%</td>
<td>48.3%</td>
<td>54.6%</td>
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<tr>
<td>Hold</td>
<td>Market Perform</td>
<td>60.0%</td>
<td>7.0%</td>
<td>47.9%</td>
<td>57.6%</td>
<td>51.0%</td>
<td>40.1%</td>
</tr>
<tr>
<td>Sell</td>
<td>Underperform</td>
<td>2.4%</td>
<td>0.0%</td>
<td>0.0%</td>
<td>3.2%</td>
<td>0.7%</td>
<td>5.3%</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 market;
Und = Underperform - Forecast to underperform the market;
(S) = speculative investment;
NR = No rating at this time;
R = Restricted - Dissemination of research is currently restricted.

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