Group Selection
Priced as of May 2, 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 Relative Strength Profiles*

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy</td>
<td>43% / 46% / 52%</td>
<td>‾ ‾ ‾</td>
<td>-16% / -22% / -5%</td>
</tr>
<tr>
<td>Materials</td>
<td>51% / 53% / 59%</td>
<td>‾ ‾ ‾</td>
<td>-2% / -6% / 12%</td>
</tr>
<tr>
<td>Industrials</td>
<td>54% / 57% / 62%</td>
<td>‾ ‾ ‾</td>
<td>14% / 9% / 36%</td>
</tr>
<tr>
<td>CMR Disc</td>
<td>48% / 48% / 55%</td>
<td>‾ ‾ ‾</td>
<td>13% / 10% / 33%</td>
</tr>
<tr>
<td>CMR Stap</td>
<td>33% / 36% / 37%</td>
<td>‾ ‾ ‾</td>
<td>11% / 6% / 37%</td>
</tr>
<tr>
<td>Energy</td>
<td>44% / 46% / 54%</td>
<td>‾ ‾ ‾</td>
<td>15% / 11% / 28%</td>
</tr>
<tr>
<td>Materials</td>
<td>60% / 63% / 71%</td>
<td>‾ ‾ ‾</td>
<td>3% / -3% / 22%</td>
</tr>
<tr>
<td>Industrials</td>
<td>53% / 55% / 64%</td>
<td>‾ ‾ ‾</td>
<td>11% / 6% / 31%</td>
</tr>
<tr>
<td>Telecom</td>
<td>34% / 40% / 43%</td>
<td>‾ ‾ ‾</td>
<td>18% / 8% / 37%</td>
</tr>
<tr>
<td>Utilities</td>
<td>41% / 45% / 50%</td>
<td>‾ ‾ ‾</td>
<td>7% / 1% / 30%</td>
</tr>
<tr>
<td>Real Estate</td>
<td>40% / 41% / 57%</td>
<td>‾ ‾ ‾</td>
<td>5% / 1% / 26%</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
Strength Changes Last Session

Momentum

Strength

MngHCare  ➔  ElcCmpEq  ➔  ITConsult  ➔  Distrib  ➔  Biotech  ➔  CmrElec

HmlImpRtl  ➔  EnviroServ  ➔  InetSftSrv  ➔  RsrcCstl  ➔  MitSecHld  ➔  DataProc  ➔  Pharma

IndusREIT  ➔  HCareREIT  ➔  Fert&Ag  ➔  PersPrdct  ➔  Publishing  ➔  RenewElec  ➔  DrugRetail

HCServc  ➔  MortgREIT  ➔  TrdgDist  ➔  LifeHthIns  ➔  HdwrSt&P  ➔  MarineSrv  ➔  IntgTelSrv  ➔  AgriProd

PapProd  ➔  EMS  ➔  FnlExchDt  ➔  ElecUtil  ➔  ApplicSwr  ➔  P&C Insur  ➔  IndCongl  ➔  InvBnkBrk  ➔  GasUtil

HmFrnsh  ➔  Airline  ➔  SprCentrs  ➔  ConsmrFin  ➔  Footwear  ➔  HhldPrdct  ➔  DiversREIT  ➔  OfficeREIT  ➔  DvSpSrv

May 2, 2017

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<table>
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<tr>
<th>Sector</th>
<th>Number of Stocks</th>
<th>Total Market Value</th>
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<tr>
<td>IndusGas</td>
<td>8</td>
<td>$159bn</td>
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<tr>
<td>DiversChm</td>
<td>20</td>
<td>$354bn</td>
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<tr>
<td>SpecChm MtGlsCnt</td>
<td>64</td>
<td>$489bn</td>
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<tr>
<td>14</td>
<td>$59bn</td>
<td></td>
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<tr>
<td>Fert&amp;Ag</td>
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<td>ComdChm</td>
<td>39</td>
<td>$325bn</td>
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<tr>
<td>PapProd CstrMat Steel</td>
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<td>$88bn</td>
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<td>27</td>
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<td>PrecMet</td>
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<td>Gold</td>
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<td>Silver</td>
<td>11</td>
<td>$46bn</td>
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<tr>
<td>Copper</td>
<td>14</td>
<td>$85bn</td>
</tr>
<tr>
<td>Silver</td>
<td>9</td>
<td>$20bn</td>
</tr>
<tr>
<td>PrecMet</td>
<td>12</td>
<td>$20bn</td>
</tr>
<tr>
<td>DvrsMng</td>
<td>47</td>
<td>$333bn</td>
</tr>
</tbody>
</table>
Information Technology

May 2, 2017

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ITConsult →
49 stocks; $666bn

InetStftSrv →
93 stocks; $1693bn

DataProc →
47 stocks; $698bn

ElecInstr →
44 stocks; $202bn

ComEquip →
44 stocks; $360bn

93 stocks; $1693bn

SystmSwr →
34 stocks; $679bn

SemiEqp →
39 stocks; $247bn

EMS →
17 stocks; $143bn

ElecComp →
38 stocks; $257bn

ApplicSwr →
68 stocks; $575bn

HmEntSwr →
74 stocks; $155bn

HdwrSt&P →
45 stocks; $1363bn

16 stocks; $46bn

34 stocks; $679bn

77 stocks; $1022bn

44 stocks; $360bn

44 stocks; $202bn

39 stocks; $247bn

17 stocks; $143bn

68 stocks; $575bn

74 stocks; $155bn

45 stocks; $1363bn

16 stocks; $46bn

49 stocks; $666bn

93 stocks; $1693bn

47 stocks; $698bn

34 stocks; $679bn

39 stocks; $247bn

17 stocks; $143bn

68 stocks; $575bn

74 stocks; $155bn

45 stocks; $1363bn

16 stocks; $46bn
Telecommunication Services

Momentum

Strength

WisTelSrv
42 stocks; $921bn

AltCar
10 stocks; $59bn

IntgTelSrv
52 stocks; $1320bn

May 2, 2017

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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 groups members are outperforming
2. How consistant 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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<th>Rating Category</th>
<th>BMOCM US Universe*</th>
<th>BMOCM US IB Clients**</th>
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<th>BMOCM Universe****</th>
<th>BMOCM IB Clients*****</th>
<th>StarMine Universe</th>
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<tr>
<td>Buy Outperform</td>
<td>41.8%</td>
<td>20.0%</td>
<td>53.3%</td>
<td>42.7%</td>
<td>54.1%</td>
<td>52.9%</td>
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<tr>
<td>Hold Market Perform</td>
<td>54.4%</td>
<td>13.1%</td>
<td>45.6%</td>
<td>53.8%</td>
<td>43.8%</td>
<td>41.4%</td>
</tr>
<tr>
<td>Sell Underperform</td>
<td>3.7%</td>
<td>4.8%</td>
<td>1.1%</td>
<td>3.0%</td>
<td>1.6%</td>
<td>5.7%</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.
*** 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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(April 2013 – October 2016)

(January 2010 – April 2013)

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