Group Selection

Priced as of June 5, 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>26% / 28% / 24%</td>
<td>/ / -15%</td>
<td>-14% / -18%</td>
</tr>
<tr>
<td>Materials</td>
<td>31% / 33% / 30%</td>
<td>/ / 1%</td>
<td>-1% / -2%</td>
</tr>
<tr>
<td>Industrials</td>
<td>40% / 43% / 41%</td>
<td>/ / 5%</td>
<td>6% / 3%</td>
</tr>
<tr>
<td>CMR Disc</td>
<td>41% / 42% / 39%</td>
<td>/ / -6%</td>
<td>-5% / -5%</td>
</tr>
<tr>
<td>CMR Stap</td>
<td>41% / 44% / 41%</td>
<td>/ / 3%</td>
<td>4% / 2%</td>
</tr>
<tr>
<td>Health Care</td>
<td>43% / 43% / 39%</td>
<td>/ / -2%</td>
<td>-1% / 0%</td>
</tr>
<tr>
<td>Financials</td>
<td>37% / 40% / 36%</td>
<td>/ / 5%</td>
<td>8% / 6%</td>
</tr>
<tr>
<td>Info Tech</td>
<td>61% / 63% / 59%</td>
<td>/ / -9%</td>
<td>-6% / -6%</td>
</tr>
<tr>
<td>Comm Srv</td>
<td>37% / 43% / 38%</td>
<td>/ / 5%</td>
<td>5% / 3%</td>
</tr>
<tr>
<td>Utilities</td>
<td>41% / 50% / 43%</td>
<td>/ / 12%</td>
<td>12% / 10%</td>
</tr>
<tr>
<td>Real Estate</td>
<td>53% / 59% / 50%</td>
<td>/ / 6%</td>
<td>6% / 3%</td>
</tr>
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*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:
  - Multi-LnIns → Gold → Restaurant
  - ElecInstr → Distrib → Semi
  - RestOpCo → DvSpSrv → ElcCmpEq
  - SpecREIT → IndusGas → HCareREIT → AltCar
  - IndusREIT → Railroads → OfficeREIT → BldPrdcts
  - InetSrv&In → HCareTec → CstrMat
  - ApplicSwr → HvyElcEq
  - REstDvAct → DvSpSrv → ElcCmpEq

- Strength:
  - Silver → Publishing → Coal&Uran
  - CMrElec → OthrDivFS → DiversBnk
  - TrdgDist → DvrsMng → OG RFmkt → SprCntrs
  - REstOpCo → DiversBnk
  - SpecChm → OG Equip → DiversChm
  - SpecREIT → IndusGas → HCareREIT → AltCar
  - IndusREIT → Railroads → OfficeREIT → BldPrdcts
  - InetSrv&In → HCareTec → CstrMat
  - ApplicSwr → HvyElcEq
  - REstDvAct → DvSpSrv → ElcCmpEq

June 5, 2019
Momentum

Strength

June 5, 2019

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Energy

Coal & Uran
21 stocks; $81bn

OG RFMkt
35 stocks; $400bn

OG Equip
54 stocks; $176bn

OG Drill
10 stocks; $18bn

Int O&G
32 stocks; $172bn

OG StTr
66 stocks; $616bn

OG E&P
95 stocks; $681bn
Consumer Staples

- **SoftDrinks**: 19 stocks; $584bn
- **HhdPrdct**: 18 stocks; $624bn
- **Brewers**: 14 stocks; $428bn
- **PkgFdMt**: 127 stocks; $1404bn
- **Dist&Vnt**: 20 stocks; $526bn
- **PersPrdct**: 39 stocks; $526bn
- **FdRetail**: 33 stocks; $345bn
- **FdDistri**: 11 stocks; $66bn
- **Tobacco**: 13 stocks; $477bn
- **SprCntrs**: 16 stocks; $546bn
- **AgriProd**: 28 stocks; $112bn
- **DrugRetail**: 6 stocks; $62bn
- **Drnks**: 19 stocks; $584bn
- **HldPrdct**: 18 stocks; $624bn
- **Brewers**: 14 stocks; $428bn
- **PkgFdMt**: 127 stocks; $1404bn
- **Dist&Vnt**: 20 stocks; $526bn
- **PersPrdct**: 39 stocks; $526bn
- **FdRetail**: 33 stocks; $345bn
- **FdDistri**: 11 stocks; $66bn
- **Tobacco**: 13 stocks; $477bn

June 5, 2019

Mark Steele (416) 359-4641

BMO Capital Markets
Momentum

Strength

Information Technology

June 5, 2019

Mark Steele (416) 359-4641

ITConsult
49 stocks; $743bn

DataProc
48 stocks; $1224bn

ApplicSwr
39 stocks; $1071bn

InetSrv&In
14 stocks; $129bn

SemiEqp
12 stocks; $263bn

EMSet
19 stocks; $139bn

ElecInstr
42 stocks; $287bn

SystmSwr
40 stocks; $1419bn

ElecComp
38 stocks; $261bn

Semi
73 stocks; $1240bn

ComEquip
42 stocks; $665bn

TechDist
14 stocks; $55bn

HdwrSt&P
40 stocks; $1352bn

DataProc
48 stocks; $1224bn

ApplicSwr
39 stocks; $1071bn

InetSrv&In
14 stocks; $129bn

SemiEqp
12 stocks; $263bn

EMSet
19 stocks; $139bn

ElecInstr
42 stocks; $287bn

SystmSwr
40 stocks; $1419bn

ElecComp
38 stocks; $261bn

Semi
73 stocks; $1240bn

ComEquip
42 stocks; $665bn

TechDist
14 stocks; $55bn

HdwrSt&P
40 stocks; $1352bn
Telecommunication Services

Momentum vs. Strength

IntgTelSrv
55 stocks; $1298bn
WisTelSrv
42 stocks; $865bn
IntMeSrv
43 stocks; $1373bn
Cabl&Sat
42 stocks; $404bn
Mov&Ent
26 stocks; $538bn
AltCar
7 stocks; $34bn
IntHmEnt
23 stocks; $240bn
Broadcast
20 stocks; $86bn
Publishing
14 stocks; $46bn
Advert
17 stocks; $103bn
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 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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<tr>
<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>
<td>41.6%</td>
</tr>
<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.
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(S) = Speculative investment;
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