Japan sector rankings
Current vs 4 weeks ago

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<th>Sector</th>
<th>Current</th>
<th>4 weeks ago</th>
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<tbody>
<tr>
<td>Energy</td>
<td>10</td>
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</tr>
<tr>
<td>Materials</td>
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<tr>
<td>Industry</td>
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<td>ConDis</td>
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<tr>
<td>ConSta</td>
<td>8</td>
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<tr>
<td>Health</td>
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<tr>
<td>Telco</td>
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<tr>
<td>Utility</td>
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<tr>
<td>Finance</td>
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<tr>
<td>Tech</td>
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Japan sector ranking last 26 weeks
Japan sector weights relative to benchmark: Last 26 weeks
Energy as % of benchmark
Last two years & current cross section

[Graph showing energy as a percentage of benchmark over time, with labels indicating underweight and improving positions.]
Industrials as % of benchmark
Last two years & current cross section

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Consumer discretionary as % of benchmark
Last two years & current cross section
Consumer staples as % of benchmark
Last two years & current cross section

Underweight

Poly. (Consta)
Poly. (4 weeks ago)
Deteriorating

Consta

52 48 44 40 36 32 28 24 20 16

09/11 03/12 09/12 03/13 09/13

Consta

Poly. (Consta)

Poly. (4 weeks ago)

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Health as % of benchmark
Last two years & current cross section

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Telecom as % of benchmark
Last two years & current cross section

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Utilities as % of benchmark
Last two years & current cross section

Utility

Neutral

Deteriorating

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Finance as % of benchmark
Last two years & current cross section

Overweight / Neutral

Bottoming out

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Technology as % of benchmark
Last two years & current cross section

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Harlyn Japan Sector Grid vs Index: last 5 years
Better returns AND lower risk

5 year total return: Sector Grid vs JPINDEX

Total return 5, 3 & 1 year

Volatility 5, 3 & 1 year

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Harlyn Japan Sector Grid vs Index: last 5 years
Better risk efficiency and lower drawdown

Return on risk 5, 3 & 1 year
- JPINDEX
- Harlyn

Drawdown 5, 3 & 1 year
- JPINDEX
- Harlyn

Sortino ratio 5, 3 & 1 year
- JPINDEX
- Harlyn

Duration of draw 5, 3 & 1 year
- JPINDEX
- Harlyn
Japan sector model: Tracking the relative capital return + historic yield of the 10 industry groups

Simple sector vs sector PRATER models (see previous pages)

Create Probability Grid

- Energy Rel vs Finance Rel
- Tech Rel vs Materials Rel
- Health Rel vs Industry Rel
- Telco Rel vs Cons Staples Rel
- Cons Disc. Rel vs Utility Rel

Probability Chain is unworkable (1.8m permutations)

Calculate PRATER for Energy beating each of the other 9 sectors. Take the average.

Do the same for Finance & Tech Etc

Must Sum to 100% by definition

Multi-sector model

Comprises:

- Energy
- Materials Industry
- Cons. Disc.
- Cons. Staple
- Health
- Telecom
- Utility
- Finance
- & Tech

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