



Turning Point Analytics utilizes a time-tested, real-world strategy that optimizes the client's entry and exit points and adds alpha. TPA defines each stock as Trend or Range to identify actionable inflection points.

"In the short run, the market is a voting machine, but in the long run, it is a weighing machine." - Benjamin Graham

S&P 1500+ DAILY SNAPSHOT – COMMENTS & CHARTS Tuesday, May 02, 2023

Today's TPA Trend-Range Report is included below. TPA Trend-Range Strategy is explained below. Links for Explanations of Technical terms are at the bottom of the report

SELL

- UNP broke down below its 2 ½ year uptrend line in September 2022. UNP had rallied 170% from its March 2022 lows to its March 2022 highs. The zoom chart reveals that UNP failed many times to move above its September break point, but could not gather enough momentum to break out. Now, UNP has established a pattern of lower high = downtrend. Chart 3 shows that UNP has formed a very dangerous descending triangle pattern; a downtrend with supposed support at the 190 level. A move below 190 will leave UNP vulnerable to much greater losses. The chart of UNP's peer CSX shows a similar negative pattern.

RRG analysis shows that the Transports have moved in to the Lagging quadrant.

From this week's TPSA-RRG report:

"A look at the history of ETF/Sector rankings shows that IYT is now firmly in the low-rank camp. At the beginning of the year, IYT was the top-ranked sector. Transportation relies on fuel, so one might think it is the cost of fuel that may be troubling investors, but Crude has barely budged from its level at the end of 2022 and the start of 2023. A look at the industry weighting of IYT shows that the heaviest weightings are in Air Freight Logistics and Rail (59%). This is how consumer goods get around. Therefore, the worry over these stocks is more likely tied to a slowing economy rather than the cost of energy."

UNP Union Pacific Corp. 198.6300 Stop = 211.5410 Target = 129.1095

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UNP - zoom



UNP – descending triangle pattern



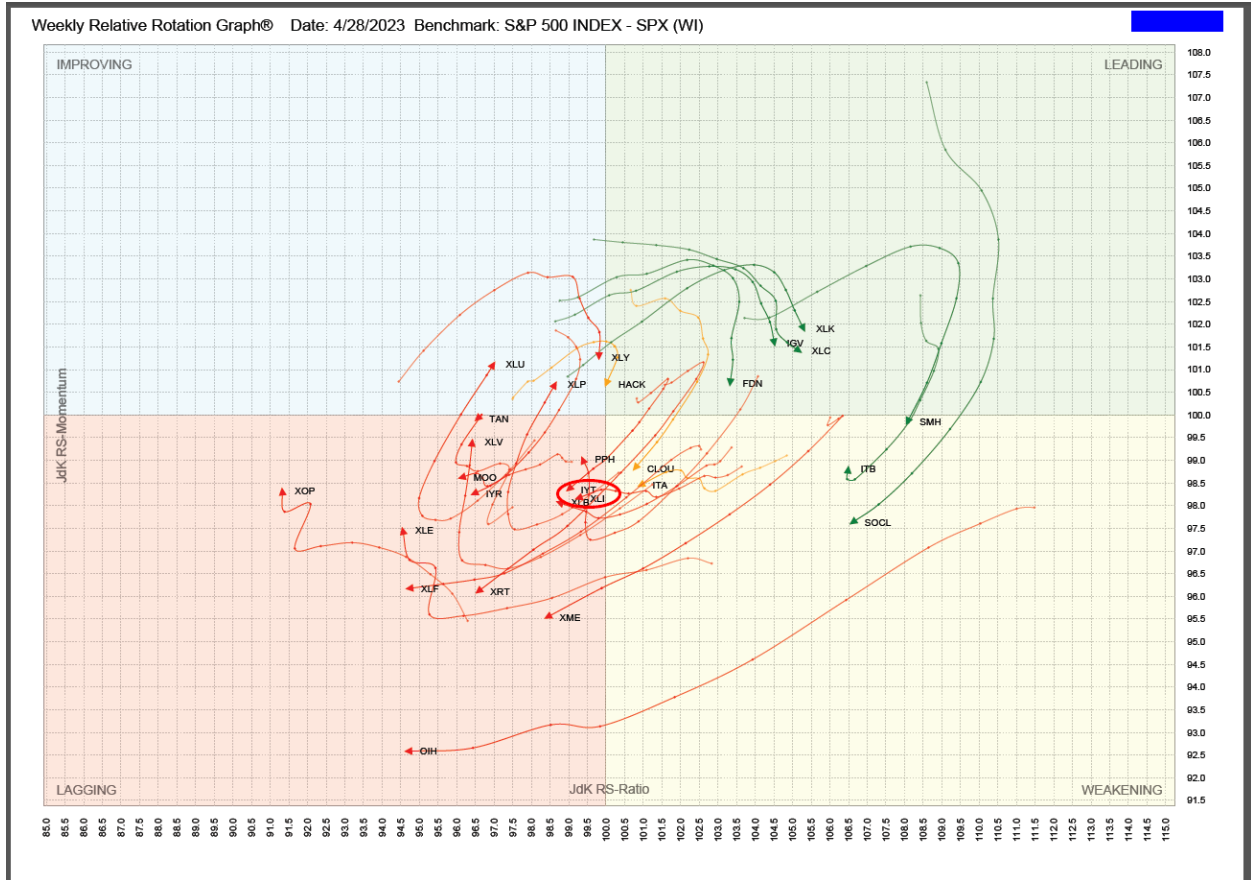
CSX



[Relative Rotation Graphs \(RRG\) – explanation video](#)

[RRG – written explanation](#)

Sectors and subsectors from this week’s TPA-RRG Report



TPA TREND-RANGE STRATEGY (see explanation below)

TPA TREND-RANGE REPORT (New and improved!)

| SYMBOL | DESCRIPTION | INDUSTRY | SECTOR | (\$million) MKT CAP | LAST | CONDITION TREND/RANGE | SHORT TERM ALERT | POSSIBLE NEXT MOVE | OVERBOUGHT OVERSOLD | RANGE? ALERT |
|--------|--|----------------------------------|-----------------------|------------------------|--------|--------------------------|---------------------|-----------------------|------------------------|-----------------|
| CR | Crane Co | Aerospace And Defense | ElectronicTechnology | 4,112 | 72.49 | RANGE | #DIV/0! | #DIV/0! | #DIV/0! | |
| JEF | Jefferies Financial Group Inc | Investment Banks Or Brokers | Finance | 7,419 | 31.78 | DOWNTREND | TURN UP? | 3.31% | -1 | |
| WPC | W. P. Carey Inc | Real Estate Investment Trusts | Finance | 15,548 | 73.82 | DOWNTREND | TURN UP? | 4.50% | 1 | |
| LITE | Lumentum Holdings Inc | Electrical Products | ProducerManufacturing | 3,309 | 48.30 | DOWNTREND | TURN UP? | 5.10% | -2 | |
| PB | Prosperity Bancshares Inc. | Regional Banks | Finance | 5,600 | 61.33 | DOWNTREND | TURN UP? | 5.48% | -1 | |
| JBGS | JBG Smith Properties | Real Estate Investment Trusts | Finance | 1,627 | 14.27 | DOWNTREND | TURN UP? | 6.69% | -2 | |
| CBSH | Commerce Bancshares Inc. | Regional Banks | Finance | 6,930 | 55.53 | DOWNTREND | TURN UP? | 7.01% | -1 | |
| JLL | Jones Lang Lasalle Inc. | Real Estate Development | Finance | 6,609 | 138.82 | DOWNTREND | TURN UP? | 7.02% | 0 | |
| OZK | Bank OZK | Regional Banks | Finance | 4,061 | 34.66 | DOWNTREND | TURN UP? | 8.71% | -1 | |
| HLF | Herbalife Ltd | Medical Distributors | DistributionServices | 1,473 | 15.04 | DOWNTREND | TURN UP? | 13.21% | -1 | |
| LUMN | Lumen Technologies Inc | Major Telecommunications | Communications | 2,383 | 2.38 | DOWNTREND | TURN UP? | 13.64% | -3 | |
| SPCE | Virgin Galactic Holdings Inc | Aerospace And Defense | ElectronicTechnology | 1,001 | 3.57 | DOWNTREND | TURN UP? | 20.51% | -3 | |
| PPG | PPG Industries Inc. | Industrial Specialties | ProcessIndustries | 32,902 | 139.76 | UPTREND | TURN DOWN? | -4.80% | 1 | |
| MASI | Masimo Corp | Medical Specialties | HealthTechnology | 9,945 | 189.06 | UPTREND | TURN DOWN? | -4.66% | 1 | |
| COTY | Coty Inc | Household Or Personal Care | ConsumerNonDurables | 10,069 | 11.81 | UPTREND | TURN DOWN? | -1.84% | 0 | |
| NYCB | New York Community Bancorp Inc. | Savings Banks | Finance | 7,314 | 10.71 | RANGE | TOP | -25.19% | 0 | |
| IOVA | Iovance Biotechnologies Inc | Biotechnology | HealthTechnology | 1,442 | 6.43 | RANGE | TOP | -19.27% | -2 | |
| GGG | Graco Inc. | Industrial Machinery | ProducerManufacturing | 13,513 | 80.27 | RANGE | TOP | -18.76% | 2 | |
| NCLH | Norwegian Cruise Line Holdings Ltd | Hotels Or Resorts Or Cruiselines | ConsumerServices | 6,135 | 14.54 | RANGE | TOP | -16.17% | -1 | |
| FIGS | Figs Inc - Ordinary Shares - Class A | Apparel Or Footwear | ConsumerNonDurables | 1,208 | 7.25 | RANGE | TOP | -15.77% | -1 | |
| SWK | Stanley Black & Decker Inc | Tools And Hardware | ConsumerDurables | 13,279 | 86.78 | RANGE | TOP | -15.61% | 1 | |
| FBIN | Fortune Brands Innovations Inc | Building Products | ProducerManufacturing | 8,136 | 64.21 | RANGE | TOP | -15.43% | 0 | !! |
| MCSA | Comcast Corp | Cable Or Satellite TV | ConsumerServices | 175,556 | 41.64 | RANGE | TOP | -14.39% | 0 | !! |
| SITE | SiteOne Landscape Supply Inc | ks Or Construction Or Farm Mach | ProducerManufacturing | 6,654 | 147.97 | RANGE | TOP | -14.05% | 1 | !! |
| CABO | Cable One Inc | Cable Or Satellite TV | ConsumerServices | 4,293 | 749.38 | RANGE | TOP | -13.11% | 1 | |
| CHRW | C.H. Robinson Worldwide Inc. | Air Freight Or Couriers | Transportation | 12,168 | 104.44 | RANGE | TOP | -13.09% | 1 | |
| PNR | Pentair PLC | Industrial Machinery | ProducerManufacturing | 9,503 | 57.61 | RANGE | TOP | -12.54% | 0 | |
| VSAT | Viasat Inc. | Telecommunications Equipment | ElectronicTechnology | 2,806 | 36.74 | RANGE | TOP | -12.22% | 0 | |
| RCL | Royal Caribbean Group | Hotels Or Resorts Or Cruiselines | ConsumerServices | 17,103 | 66.98 | RANGE | TOP | -11.43% | 0 | |
| FICO | Fair Isaac Corp. | Packaged Software | TechnologyServices | 18,645 | 745.99 | RANGE | TOP | -11.35% | 1 | |
| MHK | Mohawk Industries Inc. | Forest Products | NonEnergyMinerals | 6,565 | 103.32 | RANGE | TOP | -11.30% | 1 | !! |
| TT | Trane Technologies plc - Ordinary Shares - Class A | Industrial Machinery | ProducerManufacturing | 42,805 | 187.70 | RANGE | TOP | -11.05% | 1 | |
| ALSN | Allison Transmission Holdings Inc | Auto Parts OEM | ProducerManufacturing | 4,448 | 48.42 | RANGE | TOP | -11.03% | 0 | !! |
| WMS | Advanced Drainage Systems Inc | Miscellaneous Manufacturing | ProducerManufacturing | 7,037 | 86.63 | RANGE | TOP | -11.01% | 1 | |
| AFL | Aflac Inc. | Multi Line Insurance | Finance | 43,075 | 70.36 | RANGE | TOP | -10.71% | 0 | |
| IAC | IAC Inc - Ordinary Shares - New | Internet Software Or Services | TechnologyServices | 4,741 | 53.35 | RANGE | TOP | -10.53% | 0 | |
| MNST | Monster Beverage Corp. | Beverages Non Alcoholic | ConsumerNonDurables | 59,388 | 56.84 | RANGE | TOP | -10.46% | 0 | !! |
| NVCR | NovoCure Ltd | Medical Specialties | HealthTechnology | 7,057 | 66.92 | RANGE | TOP | -10.31% | 0 | !! |
| LECO | Lincoln Electric Holdings Inc. | Industrial Machinery | ProducerManufacturing | 9,823 | 170.62 | RANGE | TOP | -10.31% | 1 | !! |
| FRPT | Freshpet Inc | Food Specialty Or Candy | ConsumerNonDurables | 3,332 | 69.35 | RANGE | TOP | -10.23% | 0 | |
| EPR | EPR Properties | Real Estate Investment Trusts | Finance | 3,141 | 41.72 | RANGE | TOP | -10.15% | 0 | |
| HAYW | Hayward Holdings Inc | Recreational Products | ConsumerDurables | 2,549 | 11.99 | RANGE | TOP | -9.94% | -1 | |
| UBER | Uber Technologies Inc | Other Transportation | Transportation | 65,805 | 32.74 | RANGE | TOP | -9.83% | 0 | |
| OTIS | Otis Worldwide Corp | Building Products | ProducerManufacturing | 35,522 | 85.95 | RANGE | TOP | -9.43% | 1 | |
| GWW | W.W. Grainger Inc. | Wholesale Distributors | DistributionServices | 34,914 | 695.96 | RANGE | TOP | -9.29% | 2 | |

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|--------|--|-----------------------------------|-----------------------|------------------------|---------|--------------------------|---------------------|-----------------------|------------------------|-----------------|
| AM | Antero Midstream Corp | Oil And Gas Pipelines | IndustrialServices | 5,228 | 10.90 | RANGE | TOP | -8.98% | -1 | |
| CPT | Camden Property Trust | Real Estate Investment Trusts | Finance | 11,873 | 111.27 | RANGE | TOP | -8.91% | 1 | !! |
| MO | Altria Group Inc. | Tobacco | ConsumerNonDurables | 85,289 | 47.78 | RANGE | TOP | -8.80% | 0 | |
| YETI | YETI Holdings Inc | Miscellaneous Manufacturing | ProducerManufacturing | 3,538 | 40.92 | RANGE | TOP | -8.69% | 0 | |
| KEX | Kirby Corp. | Marine Shipping | Transportation | 4,360 | 72.65 | RANGE | TOP | -8.67% | 0 | |
| MLM | Martin Marietta Materials Inc. | Construction Materials | NonEnergyMinerals | 22,815 | 367.37 | RANGE | TOP | -8.65% | 1 | |
| ITW | Illinois Tool Works Inc. | Industrial Machinery | ProducerManufacturing | 74,989 | 245.81 | RANGE | TOP | -8.63% | 1 | |
| AOS | A.O. Smith Corp. | Building Products | ProducerManufacturing | 10,716 | 70.14 | RANGE | TOP | -8.49% | 0 | |
| CASY | Casey's General Stores Inc. | Specialty Stores | RetailTrade | 8,676 | 232.84 | RANGE | TOP | -8.47% | 1 | !! |
| L | Loews Corp. | Property Or Casualty Insurance | Finance | 14,130 | 60.13 | RANGE | TOP | -8.47% | 0 | |
| MGM | MGM Resorts International | Casinos Or Gaming | ConsumerServices | 17,215 | 46.04 | RANGE | TOP | -8.44% | 0 | |
| VMC | Vulcan Materials Co | Construction Materials | NonEnergyMinerals | 23,604 | 177.51 | RANGE | TOP | -8.12% | 1 | |
| WYNN | Wynn Resorts Ltd. | Casinos Or Gaming | ConsumerServices | 13,142 | 115.60 | RANGE | TOP | -7.92% | 1 | |
| ETN | Eaton Corporation PLC | Electrical Products | ProducerManufacturing | 67,174 | 168.78 | RANGE | TOP | -7.85% | 1 | |
| PENN | PENN Entertainment Inc | Movies Or Entertainment | ConsumerServices | 4,659 | 30.53 | RANGE | TOP | -7.80% | -1 | |
| RNR | Renaissance Holdings Ltd | Property Or Casualty Insurance | Finance | 9,419 | 215.45 | RANGE | TOP | -7.68% | 1 | |
| EBAY | Ebay Inc. | Internet Retail | RetailTrade | 24,405 | 45.66 | RANGE | TOP | -7.64% | 0 | |
| SPGI | S&P Global Inc | Financial Publishing Or Services | CommercialServices | 116,338 | 362.65 | RANGE | TOP | -7.58% | 1 | |
| ESS | Essex Property Trust Inc. | Real Estate Investment Trusts | Finance | 14,237 | 220.66 | RANGE | TOP | -7.48% | 1 | |
| ZTS | Zoetis Inc | Pharmaceuticals Major | HealthTechnology | 83,206 | 179.56 | RANGE | TOP | -7.36% | 1 | !! |
| AIRC | Apartment Income REIT Corp - Ordinary Shares - Class A | Real Estate Investment Trusts | Finance | 5,541 | 37.16 | RANGE | TOP | -7.09% | 0 | |
| IRM | Iron Mountain Inc. | Real Estate Investment Trusts | Finance | 16,107 | 55.37 | RANGE | TOP | -6.93% | 0 | |
| AIZ | Assurant Inc | Multi Line Insurance | Finance | 6,512 | 123.05 | RANGE | TOP | -6.83% | 1 | !! |
| MKL | Markel Corp | Property Or Casualty Insurance | Finance | 18,350 | 1374.88 | RANGE | TOP | -6.79% | 1 | |
| RE | Everest Re Group Ltd | Property Or Casualty Insurance | Finance | 14,893 | 380.34 | RANGE | TOP | -6.59% | 1 | |
| ROP | Roper Technologies Inc | Packaged Software | TechnologyServices | 48,726 | 458.63 | RANGE | TOP | -6.49% | 1 | |
| AIG | American International Group Inc | Multi Line Insurance | Finance | 39,140 | 53.09 | RANGE | TOP | -6.36% | -1 | |
| AMG | Affiliated Managers Group Inc. | Investment Managers | Finance | 5,204 | 145.13 | RANGE | TOP | -6.33% | 0 | |
| LKQ | LKQ Corp | Automotive Aftermarket | ConsumerDurables | 15,532 | 58.11 | RANGE | TOP | -6.25% | 0 | |
| HWM | Howmet Aerospace Inc | Aerospace And Defense | ElectronicTechnology | 18,264 | 44.30 | RANGE | TOP | -6.22% | 0 | |
| MCO | Moody's Corp. | Financial Publishing Or Services | CommercialServices | 57,487 | 313.28 | RANGE | TOP | -5.89% | 1 | !! |
| MA | Mastercard Incorporated | Miscellaneous Commercial Services | CommercialServices | 359,881 | 379.86 | RANGE | TOP | -5.82% | 1 | |
| LOPE | Grand Canyon Education Inc | Miscellaneous Commercial Services | CommercialServices | 3,725 | 120.01 | RANGE | TOP | -5.80% | 1 | |
| OGN | Organon & Co. | Pharmaceuticals Major | HealthTechnology | 6,232 | 24.50 | RANGE | TOP | -5.50% | -2 | |
| MAA | Mid-America Apartment Communities Inc. | Real Estate Investment Trusts | Finance | 18,024 | 154.50 | RANGE | TOP | -5.44% | 1 | !! |
| VICI | VICI Properties Inc | Real Estate Investment Trusts | Finance | 33,904 | 33.78 | RANGE | TOP | -5.44% | 0 | |
| GPC | Genuine Parts Co. | Wholesale Distributors | DistributionServices | 24,017 | 170.92 | RANGE | TOP | -5.41% | 1 | |
| SPG | Simon Property Group Inc. | Real Estate Investment Trusts | Finance | 37,103 | 113.49 | RANGE | TOP | -5.34% | 1 | |
| PRGO | Perrigo Company PLC | Pharmaceuticals Major | HealthTechnology | 5,072 | 37.54 | RANGE | TOP | -5.25% | 0 | |
| APD | Air Products & Chemicals Inc. | Chemicals Specialty | ProcessIndustries | 65,777 | 296.18 | RANGE | TOP | -5.21% | 1 | |
| DIS | Walt Disney Co (The) | Movies Or Entertainment | ConsumerServices | 186,718 | 102.21 | RANGE | TOP | -5.15% | 1 | |
| POST | Post Holdings Inc | Food Specialty Or Candy | ConsumerNonDurables | 5,389 | 91.46 | RANGE | TOP | -5.06% | 1 | |
| ORI | Old Republic International Corp. | Specialty Insurance | Finance | 7,643 | 25.72 | RANGE | TOP | -4.83% | -1 | |
| SEE | Sealed Air Corp. | Containers Or Packaging | ProcessIndustries | 6,892 | 47.87 | RANGE | TOP | -4.68% | 0 | |
| ADP | Automatic Data Processing Inc. | Data Processing Services | TechnologyServices | 91,622 | 221.12 | RANGE | TOP | -4.60% | 1 | |

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|--------|---|---------------------------------|-----------------------|----------------|--------|--------------------------|---------------------|-----------------------|------------------------|-----------------|
| | | | | MKT CAP | LAST | | | | | |
| REYN | Reynolds Consumer Products Inc | Household Or Personal Care | ConsumerNonDurables | 5,935 | 28.28 | RANGE | TOP | -4.49% | -1 | |
| ATR | Aptargroup Inc. | Containers Or Packaging | ProcessIndustries | 7,955 | 121.64 | RANGE | TOP | -4.42% | 1 | |
| EQIX | Equinix Inc | Data Processing Services | TechnologyServices | 66,991 | 722.01 | RANGE | TOP | -3.78% | 1 | |
| KHC | Kraft Heinz Co | Food Major Diversified | ConsumerNonDurables | 48,706 | 39.76 | RANGE | TOP | -2.60% | 0 | |
| UNVR | Univar Solutions Inc | Wholesale Distributors | DistributionServices | 5,619 | 35.54 | RANGE | TOP | -1.60% | 0 | |
| LQD | iShares iBoxx \$ Investment Grade Corporate Bond ETF | 0 | Miscellaneous | 39,363,570,000 | 107.79 | RANGE | BOTTOM | 2.75% | 1 | |
| BEN | Franklin Resources Inc. | Investment Managers | Finance | 13,074 | 26.13 | RANGE | BOTTOM | 4.50% | -2 | |
| MCK | Mckesson Corporation | Medical Distributors | DistributionServices | 48,478 | 354.01 | RANGE | BOTTOM | 5.18% | 1 | |
| WBA | Walgreens Boots Alliance Inc | Drugstore Chains | RetailTrade | 29,861 | 34.61 | RANGE | BOTTOM | 5.26% | 0 | |
| LHX | L3Harris Technologies Inc | Aerospace And Defense | ElectronicTechnology | 37,012 | 194.71 | RANGE | BOTTOM | 5.47% | 1 | |
| KMI | Kinder Morgan Inc - Ordinary Shares - Class P | Oil And Gas Pipelines | IndustrialServices | 38,325 | 17.10 | RANGE | BOTTOM | 5.53% | -1 | |
| COF | Capital One Financial Corp. | Finance Or Rental Or Leasing | Finance | 35,505 | 93.17 | RANGE | BOTTOM | 6.46% | 0 | |
| TMUS | T-Mobile US Inc | Wireless Telecommunications | Communications | 171,836 | 143.21 | RANGE | BOTTOM | 6.53% | 1 | |
| AMT | American Tower Corp. | Real Estate Investment Trusts | Finance | 92,976 | 199.50 | RANGE | BOTTOM | 6.58% | 1 | |
| CRI | Carters Inc | Apparel Or Footwear Retail | RetailTrade | 2,556 | 67.87 | RANGE | BOTTOM | 7.95% | -1 | |
| BKI | Black Knight Inc | Packaged Software | TechnologyServices | 8,489 | 54.14 | RANGE | BOTTOM | 8.13% | 0 | !! |
| NOW | ServiceNow Inc | Packaged Software | TechnologyServices | 91,749 | 450.41 | RANGE | BOTTOM | 8.20% | 1 | |
| FE | Firstenergy Corp. | Electric Utilities | Utilities | 22,346 | 39.01 | RANGE | BOTTOM | 8.25% | 0 | |
| UA | Under Armour Inc | Apparel Or Footwear | ConsumerNonDurables | 3,469 | 7.82 | RANGE | BOTTOM | 8.97% | -2 | |
| DPZ | Dominos's Pizza Inc | Restaurants | ConsumerServices | 11,000 | 311.25 | RANGE | BOTTOM | 9.32% | 1 | !! |
| UAA | Under Armour Inc | Apparel Or Footwear | ConsumerNonDurables | 3,824 | 8.62 | RANGE | BOTTOM | 9.66% | -2 | !! |
| LEA | Lear Corp. | Auto Parts OEM | ProducerManufacturing | 7,490 | 126.90 | RANGE | BOTTOM | 9.98% | 1 | |
| COLM | Columbia Sportswear Co. | Apparel Or Footwear | ConsumerNonDurables | 5,178 | 83.28 | RANGE | BOTTOM | 10.46% | 1 | |
| KDP | Keurig Dr Pepper Inc | Beverages Non Alcoholic | ConsumerNonDurables | 45,721 | 32.57 | RANGE | BOTTOM | 13.22% | 0 | !! |
| KSS | Kohl's Corp. | Department Stores | RetailTrade | 2,379 | 21.48 | RANGE | BOTTOM | 14.55% | -2 | !! |
| VSCO | Victoria's Secret & Co | Apparel Or Footwear Retail | RetailTrade | 2,332 | 30.00 | RANGE | BOTTOM | 16.51% | -2 | !! |
| W | Wayfair Inc | Specialty Stores | RetailTrade | 3,567 | 32.27 | RANGE | BOTTOM | 17.03% | -1 | |
| SHLS | Shoals Technologies Group Inc - Ordinary Shares - Class | Semiconductors | ElectronicTechnology | 2,802 | 20.29 | RANGE | BOTTOM | 18.53% | -3 | |
| CRWD | CrowdStrike Holdings Inc | Packaged Software | TechnologyServices | 27,476 | 118.79 | RANGE | BOTTOM | 19.40% | 0 | !! |
| NWL | Newell Brands Inc | Industrial Conglomerates | ProducerManufacturing | 4,471 | 10.81 | RANGE | BOTTOM | 20.06% | -3 | |
| QS | QuantumScape Corp - Ordinary Shares - Class A | Electrical Products | ProducerManufacturing | 2,869 | 6.52 | RANGE | BOTTOM | 27.28% | -3 | |
| PACW | PacWest Bancorp | Regional Banks | Finance | 1,070 | 9.07 | RANGE | BOTTOM | 28.34% | -2 | !! |
| UPST | Upstart Holdings Inc | Internet Software Or Services | TechnologyServices | 1,056 | 12.98 | RANGE | BOTTOM | 38.04% | -3 | |
| CVNA | Carvana Co. | Specialty Stores | RetailTrade | 735 | 6.93 | RANGE | BOTTOM | 48.10% | -3 | |
| NET | CloudFlare Inc | Information Technology Services | TechnologyServices | 14,729 | 44.72 | RANGE | BOTTOM | 58.04% | -2 | !! |

TPA TREND-RANGE STRATEGY EXPLAINED

Alerts:

1. Uptrend stocks trading below short term moving averages:

- Possible buy at uptrend support (chart 1)
- Possible sell if medium-term trend break (chart 2)

2. Downtrend stocks trading above short-term moving averages

- Possible sell at downtrend resistance (chart 3)
- Possible buy if medium-term trend break (chart 4)

3. Range stocks (low trend strength) at the top or bottom 10% of their 2 STD DEV Bollinger Band

- Possible buy at bottom of range (chart 5)
- Possible sell at top of range (chart 6)

Medium-term Trend Strength determined by DMI ADX

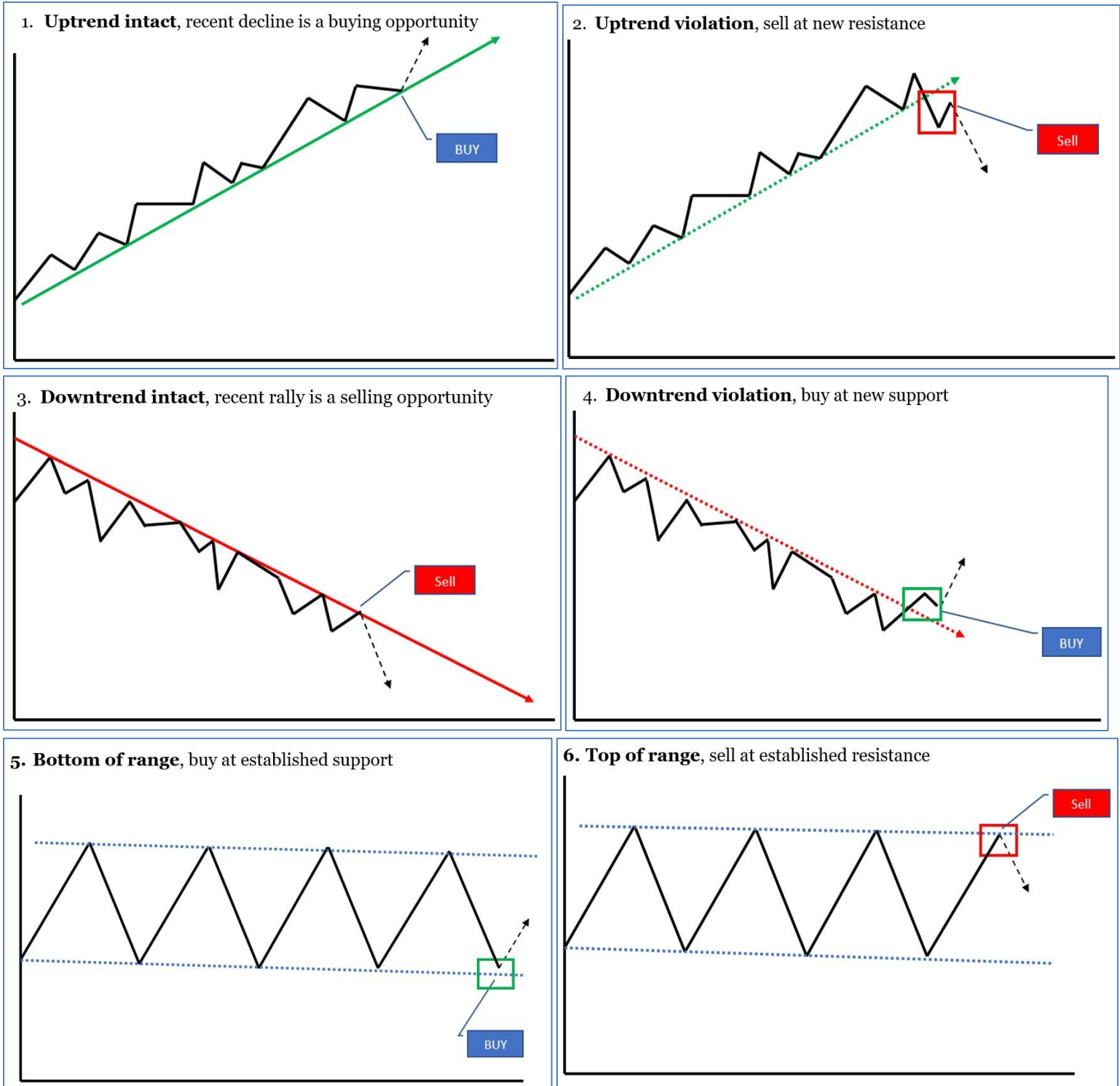
Uptrend – trend strength & DMI+ > DMI-

Downtrend – trend strength & DMI- > DMI+

Range – low trend strength

Actionable stocks fit one of the 6 TPA charts at the bottom of this report

TPA looks first to Trend-Range for actionable ideas. Other variables must also be examined including, but not confined to, TPA's ongoing macro investment themes, relative strength compared to the market, sector, and subsector, overbought or oversold characteristics, other technical patterns that may exist, patterns that involve fundamentals or EPS surprise, longer-term support and resistance levels, and longer-term uptrends and downtrend lines.



CLICK ON LINKS BELOW FOR TECHNICAL INDICATOR EXPLANATIONS:

[ASCENDING - DESCENDING TRIANGLE](#)

BASING-TOPPING-CONSOLIDATION
BREAKOUT (Breakdown)
CHANNEL & RANGE
DIRECTIONAL MOVEMENT INDEX (DMI)
DOUBLE BOTTOM or DOUBLE TOP
MACD-MOVING AVERAGE CONVERGENCE-DIVERGENCE
MOVING AVERAGES
RELATIVE STRENGTH & PEER STOCK PERFORMANCE
REPEATING PATTERNS
RSI-RELATIVE_STRENGTH
SUPPORT, RESISTANCE, BREAKOUT, BREAKDOWN
TREND

Visit TPA at <http://www.turningpointanalyticsllc.com/>

ALWAYS REMEMBER: No strategy exists in a vacuum – always evaluate the relevant sector & market.
Over 80% of portfolio performance is determined by sector and market forces (Ibbotson & Kaplan study – January/February 2000)

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