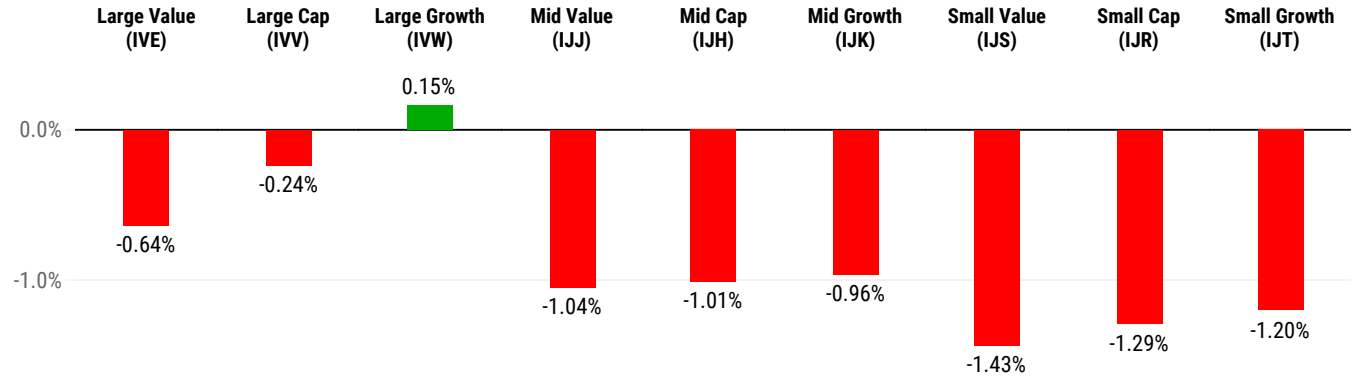


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

| Ticker | Fund | Performance |
|--------|--|-------------|
| FDG | American Century Focused Dynamic Growth ETF | 0.52% |
| NULG | Nuveen ESG Large-Cap Growth ETF | 0.45% |
| FRTY | Alger Mid Cap 40 ETF | 0.33% |
| FFOG | Franklin Focused Growth ETF FOCUSED GROWTH ETF | 0.31% |
| NUGO | Nuveen Growth Opportunities ETF | 0.31% |
| IWLG | NYLI Winslow Large Cap Growth ETF | 0.27% |
| PJFG | PGIM Jennison Focused Growth ETF | 0.24% |
| VUG | Vanguard Growth ETF | 0.23% |
| FMAG | Fidelity Magellan ETF | 0.23% |
| IWY | iShares Russell Top 200 Growth ETF | 0.22% |

Size & Style Most Overbought

| Ticker | Fund | Value |
|--------|---|-------|
| CSD | Invesco S&P Spin-Off ETF | 74.26 |
| FPX | First Trust US Equity Opportunities ETF | 72.00 |
| TBG | TBG Dividend Focus ETF | 71.71 |
| FRTY | Alger Mid Cap 40 ETF | 71.48 |
| ICAP | InfraCap Equity Income Fund ETF | 70.73 |
| FMCX | FM Focus Equity ETF | 70.71 |
| SEIM | SEI Enhanced U.S. Large Cap Momentum Factor ETF | 70.30 |
| GVIP | Goldman Sachs Hedge Industry VIP ETF | 70.28 |
| CGDV | Capital Group Dividend Value ETF | 70.11 |
| VALQ | American Century U.S. Quality Value ETF | 70.06 |

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

| Ticker | Fund | Performance |
|--------|--|-------------|
| CALF | Pacer US Small Cap Cash Cows 100 ETF | -2.00% |
| ECML | Euclidean Fundamental Value ETF | -1.92% |
| SFLO | VictoryShares Small Cap Free Cash Flow ETF | -1.90% |
| SVAL | iShares US Small Cap Value Factor ETF | -1.76% |
| RZV | Invesco S&P Smallcap 600 Pure Value ETF | -1.76% |
| DSMC | Distillate Small/Mid Cash Flow ETF | -1.70% |
| EES | WisdomTree U.S. SmallCap Fund | -1.67% |
| XSVM | Invesco S&P SmallCap Value with Momentum ETF | -1.65% |
| MGMT | Ballast Small/Mid Cap ETF | -1.57% |
| QVAL | Alpha Architect US Quantitative Value ETF | -1.56% |

Size & Style Most Oversold

| Ticker | Fund | Value |
|--------|---|-------|
| DXUV | Dimensional US Vector Equity ETF | |
| XSVM | Invesco S&P SmallCap Value with Momentum ETF | 51.15 |
| SPVU | Invesco S&P 500 Enhanced Value ETF | 52.04 |
| SMLV | SPDR SSGA US Small Cap Low Volatility Index ETF | 52.08 |
| SIXS | ETC 6 Meridian Small Cap Equity ETF | 53.90 |
| FYT | First Trust Small Cap Value AlphaDEX Fund | 54.06 |
| RPV | Invesco S&P 500 Pure Value ETF | 54.52 |
| IWC | iShares Micro-Cap ETF | 54.76 |
| AVSC | Avantis U.S. Small Cap Equity ETF | 54.91 |
| SVAL | iShares US Small Cap Value Factor ETF | 55.05 |

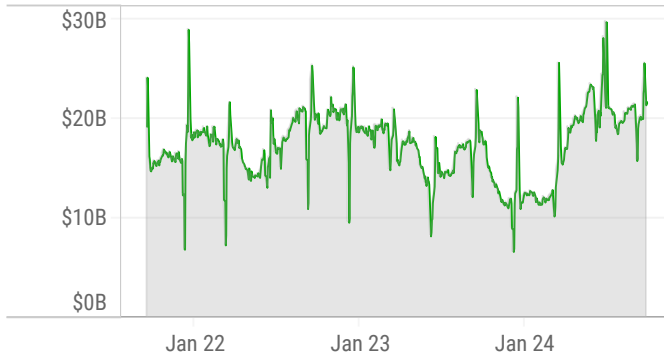
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify

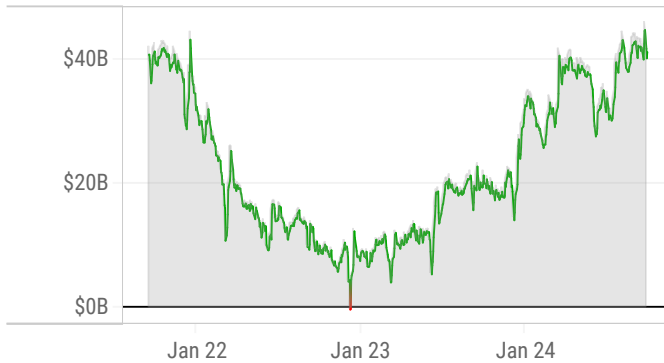
Large-Cap 12-Month Rolling Flows



Mid-Cap 12-Month Rolling Flows



Small-Cap 12-Month Rolling Flows



U.S. Size & Style Landscape Flows

| | Funds | 1 Week | 3 Month | 6 Month | 1 Year | AUM |
|---------------------------------|-------|-----------|-----------|-----------|-----------|----------|
| Equity: U.S. Large Cap - Blend | 267 | \$3.85B | \$84.26B | \$138.34B | \$299.30B | \$2,921B |
| Equity: U.S. Large Cap - Growth | 113 | \$0.75B | \$16.72B | \$45.15B | \$84.84B | \$842B |
| Equity: U.S. Large Cap - Value | 168 | (\$4.24B) | \$14.92B | \$20.73B | \$32.95B | \$733B |
| Equity: U.S. Mid Cap - Blend | 58 | (\$3.77B) | \$6.64B | \$12.65B | \$18.40B | \$299B |
| Equity: U.S. Mid Cap - Growth | 23 | (\$0.40B) | (\$0.08B) | (\$0.29B) | \$1.14B | \$48B |
| Equity: U.S. Mid Cap - Value | 19 | (\$0.31B) | \$0.82B | \$0.80B | \$1.56B | \$67B |
| Equity: U.S. Small Cap - Blend | 56 | (\$2.93B) | \$11.20B | \$10.58B | \$26.84B | \$295B |
| Equity: U.S. Small Cap - Growth | 17 | \$0.21B | \$0.87B | \$0.93B | \$3.54B | \$46B |
| Equity: U.S. Small Cap - Value | 30 | (\$0.66B) | \$2.30B | \$3.05B | \$12.31B | \$93B |

U.S. Size & Style Flow Leaders

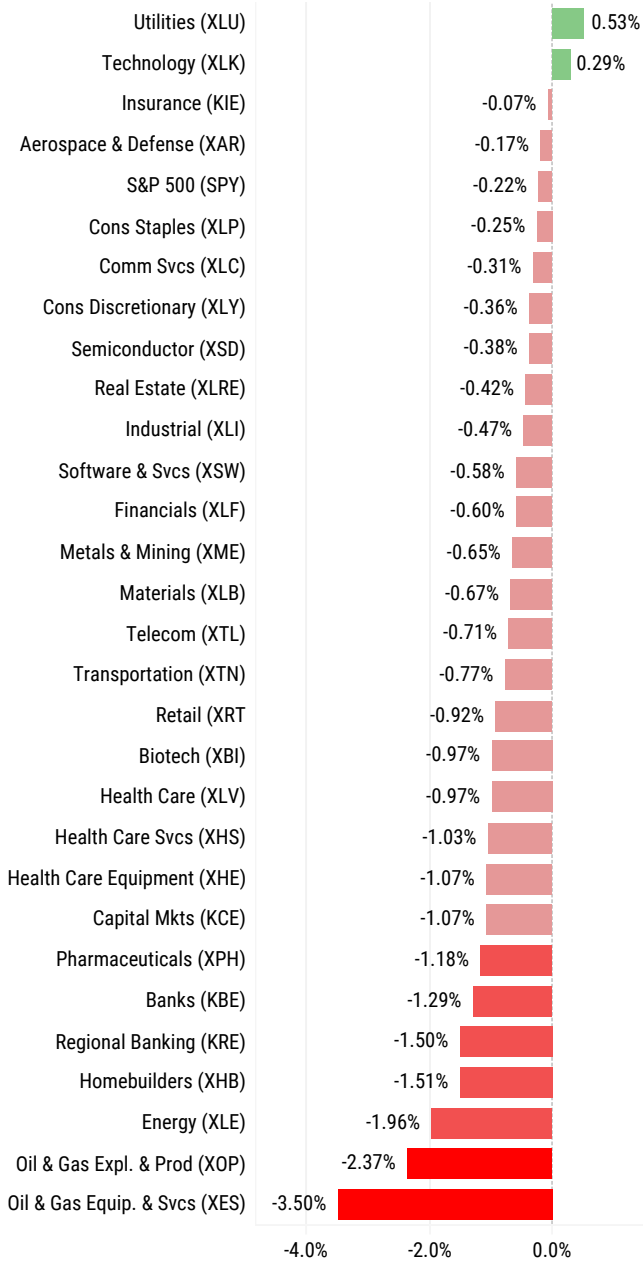
| Ticker | Fund | 1 Week | 3 Month | 6 Month | 1 Year | AUM |
|--------|---------------------------------|----------|-----------|-----------|-----------|-----------|
| SPY | SPDR S&P 500 ETF Trust | \$18.33B | \$15.83B | \$5.53B | \$36.48B | \$582.96B |
| VOO | Vanguard S&P 500 ETF | \$15.02B | \$45.34B | \$64.74B | \$99.90B | \$543.18B |
| QQQ | Invesco QQQ Trust Series I | \$3.04B | \$5.97B | \$12.28B | \$23.19B | \$294.02B |
| VTWO | Vanguard Russell 2000 ETF | \$0.54B | \$1.98B | \$1.77B | \$3.65B | \$11.55B |
| QQQM | Invesco NASDAQ 100 ETF | \$0.47B | \$4.01B | \$8.00B | \$12.75B | \$33.33B |
| MDY | SPDR S&P Midcap 400 ETF Trust | \$0.40B | \$0.45B | \$0.30B | \$0.11B | \$23.21B |
| IJH | iShares Core S&P Mid-Cap ETF | \$0.35B | \$2.46B | \$3.58B | \$2.67B | \$91.29B |
| IWB | iShares Russell 1000 ETF | \$0.30B | (\$1.68B) | (\$0.78B) | (\$1.08B) | \$37.80B |
| IWO | iShares Russell 2000 Growth ETF | \$0.24B | \$0.17B | (\$0.09B) | \$0.18B | \$12.06B |
| SPLG | SPDR Portfolio S&P 500 ETF | \$0.24B | \$4.24B | \$8.89B | \$17.66B | \$45.90B |

U.S. Size & Style Flow Laggards

| Ticker | Fund | 1 Week | 3 Month | 6 Month | 1 Year | AUM |
|--------|----------------------------------|-----------|-----------|-----------|----------|-----------|
| VTV | Vanguard Value ETF | (\$2.92B) | \$2.27B | \$3.74B | \$4.25B | \$128.24B |
| MOAT | VanEck Morningstar Wide Moat ETF | (\$2.46B) | \$0.08B | (\$0.13B) | \$2.19B | \$15.97B |
| VUG | Vanguard Growth ETF | (\$2.28B) | \$2.97B | \$7.61B | \$12.68B | \$140.17B |
| VXF | Vanguard Extended Market ETF | (\$1.89B) | \$0.49B | \$0.78B | \$1.05B | \$20.34B |
| VO | Vanguard Mid-Cap ETF | (\$1.42B) | \$0.59B | \$1.64B | \$3.36B | \$69.79B |
| IWM | iShares Russell 2000 ETF | (\$1.28B) | \$4.52B | \$1.97B | \$6.70B | \$69.80B |
| VB | Vanguard Small-Cap ETF | (\$1.19B) | \$1.31B | \$1.72B | \$5.14B | \$60.40B |
| SCHA | Schwab U.S. Small-Cap ETF | (\$1.04B) | \$0.10B | \$0.18B | \$1.01B | \$18.08B |
| SCHM | Schwab U.S. Mid-Cap ETF | (\$1.04B) | (\$0.08B) | (\$0.15B) | \$0.05B | \$11.74B |
| VBR | Vanguard Small Cap Value ETF | (\$0.79B) | \$0.23B | \$0.24B | \$0.35B | \$30.60B |

* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

S&P Sector & Industry 1 Day Performance



Select Sector SPDRs Technicals

| Ticker | Fund Name | % From 52W High | % From 52W Low | % Abv/Below 50 SMA | % Abv/Below 200 SMA | RSI (14D) |
|--------|--|-----------------|----------------|--------------------|---------------------|-----------|
| SPY | SPDR S&P 500 ETF Trust | 0.00% | 39.11% | 3.69% | 9.44% | 63.94 |
| XLB | Materials Select Sector SPDR Fund | 0.00% | 28.61% | 4.77% | 7.68% | 67.26 |
| XLC | Communication Services Select Sector SPDR Fund | 0.00% | 41.46% | 3.95% | 9.31% | 66.76 |
| XLI | Industrial Select Sector SPDR Fund | 0.00% | 39.57% | 5.52% | 10.25% | 69.32 |
| XLY | Consumer Discretionary Select Sector SPDR Fund | 0.00% | 35.38% | 8.14% | 11.01% | 71.77 |
| XLU | Utilities Select Sector SPDR Fund | -0.71% | 38.62% | 6.56% | 17.26% | 69.27 |
| XLRE | Real Estate Select Sector SPDR Fund | -1.10% | 39.36% | 5.12% | 13.60% | 67.92 |
| XLF | Financial Select Sector SPDR Fund | -1.49% | 43.28% | 2.60% | 9.38% | 54.65 |
| XLP | Consumer Staples Select Sector SPDR Fund | -1.63% | 25.17% | 2.54% | 8.34% | 54.70 |
| XLV | Health Care Select Sector SPDR Fund | -2.00% | 25.13% | 0.85% | 5.84% | 47.04 |
| XLK | Technology Select Sector SPDR Fund | -5.92% | 39.59% | 3.46% | 6.52% | 58.10 |
| XLE | Energy Select Sector SPDR Fund | -9.36% | 11.25% | -0.52% | -0.50% | 53.12 |

Sector & Industry 1 Day Performance Leaders

| Ticker | Fund | 1 Day Performance |
|--------|--|-------------------|
| UTES | Virtus Reaves Utilities ETF | 1.33% |
| FXU | First Trust Utilities AlphaDEX Fund | 0.63% |
| RSPU | Invesco S&P 500 Equal Weight Utilities ETF | 0.63% |
| XLU | Utilities Select Sector SPDR Fund | 0.53% |
| PUI | Invesco Dorsey Wright Utilities Momentum ETF | 0.53% |
| VPU | Vanguard Utilities ETF | 0.51% |
| IDU | iShares U.S. Utilities ETF | 0.47% |
| FUTY | Fidelity MSCI Utilities Index ETF | 0.45% |
| VDC | Vanguard Consumer Staples ETF | -0.06% |
| KIE | SPDR S&P Insurance ETF | -0.07% |

Sector & Industry Most Overbought

| Ticker | Fund | RSI (14D) |
|--------|--|-----------|
| UTES | Virtus Reaves Utilities ETF | 81.53 |
| VNQ | Vanguard Real Estate ETF | 73.21 |
| IYC | iShares U.S. Consumer Discretionary ETF | 73.07 |
| FXU | First Trust Utilities AlphaDEX Fund | 72.68 |
| SCHH | Schwab U.S. REIT ETF | 72.37 |
| XLY | Consumer Discretionary Select Sector SPDR Fund | 71.77 |
| IYR | iShares U.S. Real Estate ETF | 71.43 |
| PRN | Invesco Dorsey Wright Industrials Momentum ETF | 71.15 |
| VCR | Vanguard Consumer Discretionary ETF | 70.99 |
| KBWY | Invesco KBW Premium Yield Equity REIT ETF | 70.76 |

Sector & Industry 1 Day Performance Laggards

| Ticker | Fund | 1 Day Performance |
|--------|---|-------------------|
| XES | SPDR S&P Oil & Gas Equipment & Services ETF | -3.50% |
| PSCE | Invesco S&P SmallCap Energy ETF | -3.44% |
| PXJ | Invesco Oil & Gas Services ETF | -3.27% |
| IEZ | iShares U.S. Oil Equipment & Services ETF | -3.04% |
| FCG | First Trust Natural Gas ETF | -2.44% |
| PXI | Invesco Dorsey Wright Energy Momentum ETF | -2.39% |
| XOP | SPDR S&P Oil & Gas Exploration & Production ETF | -2.37% |
| PXE | Invesco Energy Exploration & Production ETF | -2.30% |
| FXN | First Trust Energy AlphaDEX Fund | -2.14% |
| IEO | iShares U.S. Oil & Gas Exploration & Production ETF | -2.13% |

Sector & Industry Most Oversold

| Ticker | Fund | RSI (14D) |
|--------|---|-----------|
| PBE | Invesco Biotechnology & Genome ETF | 45.84 |
| IBB | iShares Biotechnology ETF | 45.85 |
| XBI | SPDR S&P BIOTECH ETF | 46.51 |
| PXE | Invesco Energy Exploration & Production ETF | 46.62 |
| PJP | Invesco Pharmaceuticals ETF | 46.92 |
| XLV | Health Care Select Sector SPDR Fund | 47.04 |
| XHS | SPDR S&P Health Care Services ETF | 47.06 |
| IHF | iShares U.S. Healthcare Providers ETF | 47.10 |
| RSPS | Invesco S&P 500 Equal Weight Consumer Staples ETF | 47.90 |
| FHLC | Fidelity MSCI Health Care Index ETF | 48.07 |

* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify

U.S. Sector & Industry 1-Week Flows



U.S. Sector Landscape

| | Funds | 1 Week | 3 Month | 6 Month | 1 Year | AUM |
|--------------------------------|-------|------------|------------|------------|------------|--------|
| Sector: Communication Services | 4 | (\$48M) | (\$1,295M) | (\$1,465M) | (\$25M) | \$24B |
| Sector: Consumer Discretionary | 10 | \$4M | (\$1,548M) | (\$2,619M) | (\$2,297M) | \$30B |
| Sector: Consumer Staples | 10 | (\$1,174M) | \$1,097M | \$784M | (\$2,871M) | \$29B |
| Sector: Energy | 19 | \$277M | (\$2,231M) | (\$3,225M) | (\$4,179M) | \$53B |
| Sector: Financials | 30 | (\$120M) | \$1,907M | \$3,412M | \$2,648M | \$75B |
| Sector: Health Care | 22 | \$150M | (\$681M) | (\$3,648M) | (\$7,106M) | \$94B |
| Sector: Industrial | 18 | (\$192M) | (\$1,209M) | (\$301M) | \$743M | \$45B |
| Sector: Materials | 8 | (\$103M) | (\$544M) | (\$654M) | (\$1,450M) | \$10B |
| Sector: Real Estate | 32 | (\$33M) | \$3,908M | \$2,143M | \$5,741M | \$73B |
| Sector: Technology | 24 | (\$26M) | \$4,137M | \$6,735M | \$17,814M | \$221B |
| Sector: Utilities | 9 | (\$44M) | \$2,380M | \$3,881M | \$678M | \$29B |

U.S. Sector & Industry Flow Leaders

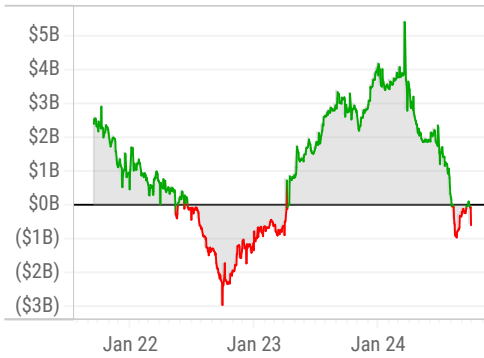
| Ticker | Fund | 1 Week | 3 Month | 6 Month | 1 Year | AUM |
|--------|---|--------|----------|------------|------------|-----------|
| KRE | SPDR S&P Regional Banking ETF | \$407M | \$797M | \$416M | \$262M | \$3,651M |
| XLE | Energy Select Sector SPDR Fund | \$344M | (\$594M) | (\$1,122M) | (\$1,658M) | \$36,099M |
| SOXX | iShares Semiconductor ETF | \$251M | \$1,272M | \$2,230M | \$2,858M | \$14,957M |
| XLV | Health Care Select Sector SPDR Fund | \$123M | \$476M | (\$975M) | (\$3,103M) | \$41,925M |
| KBWP | Invesco KBW Property & Casualty Insurance ETF | \$105M | \$173M | \$239M | \$295M | \$516M |
| IBB | iShares Biotechnology ETF | \$86M | (\$260M) | (\$531M) | (\$631M) | \$7,610M |
| VIS | Vanguard Industrials ETF | \$82M | (\$79M) | (\$19M) | \$61M | \$5,565M |
| XBI | SPDR S&P BIOTECH ETF | \$69M | \$133M | \$37M | \$109M | \$7,716M |
| XLK | Technology Select Sector SPDR Fund | \$66M | (\$42M) | (\$320M) | \$3,890M | \$69,556M |
| IYC | iShares U.S. Consumer Discretionary ETF | \$65M | \$124M | \$26M | \$123M | \$1,112M |

U.S. Sector & Industry Flow Laggards

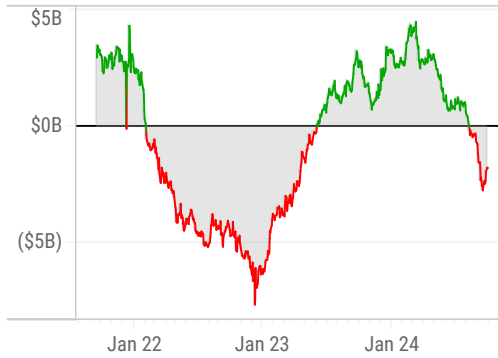
| Ticker | Fund | 1 Week | 3 Month | 6 Month | 1 Year | AUM |
|--------|---|------------|----------|----------|------------|-----------|
| XLP | Consumer Staples Select Sector SPDR Fund | (\$1,145M) | \$851M | \$822M | (\$1,286M) | \$17,814M |
| XLF | Financial Select Sector SPDR Fund | (\$668M) | (\$608M) | \$886M | \$1,108M | \$42,052M |
| XLI | Industrial Select Sector SPDR Fund | (\$310M) | (\$579M) | \$146M | \$148M | \$19,752M |
| RSPT | Invesco S&P 500 Equal Weight Technology ETF | (\$212M) | (\$678M) | (\$727M) | (\$436M) | \$3,442M |
| VNQ | Vanguard Real Estate ETF | (\$195M) | \$676M | (\$62M) | \$351M | \$38,655M |
| FTXL | First Trust Nasdaq Semiconductor ETF | (\$142M) | (\$50M) | (\$41M) | (\$86M) | \$1,417M |
| XSD | SPDR S&P Semiconductor ETF | (\$110M) | (\$100M) | (\$150M) | (\$280M) | \$1,340M |
| XLB | Materials Select Sector SPDR Fund | (\$100M) | (\$358M) | (\$492M) | (\$608M) | \$5,494M |
| IYH | iShares U.S. Healthcare ETF | (\$98M) | \$11M | (\$157M) | (\$180M) | \$3,541M |
| XRT | SPDR S&P Retail ETF | (\$84M) | (\$124M) | (\$151M) | (\$51M) | \$370M |

* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Communication Services



Consumer Discretionary



Consumer Staples



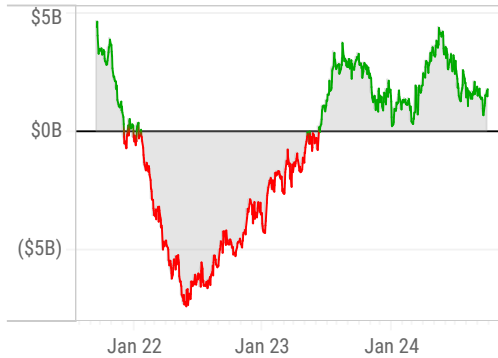
Energy



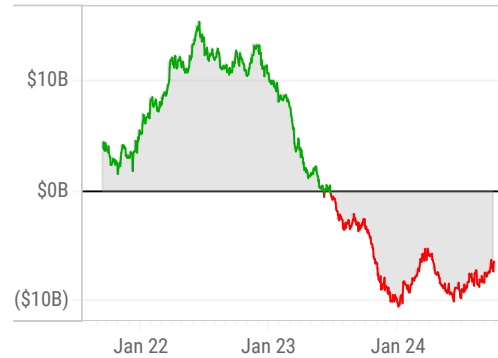
Financials



Industrial



Health Care



Materials



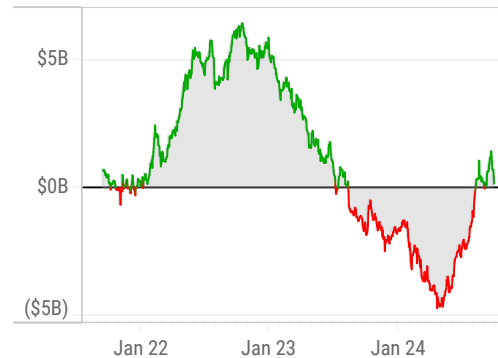
Real Estate



Technology

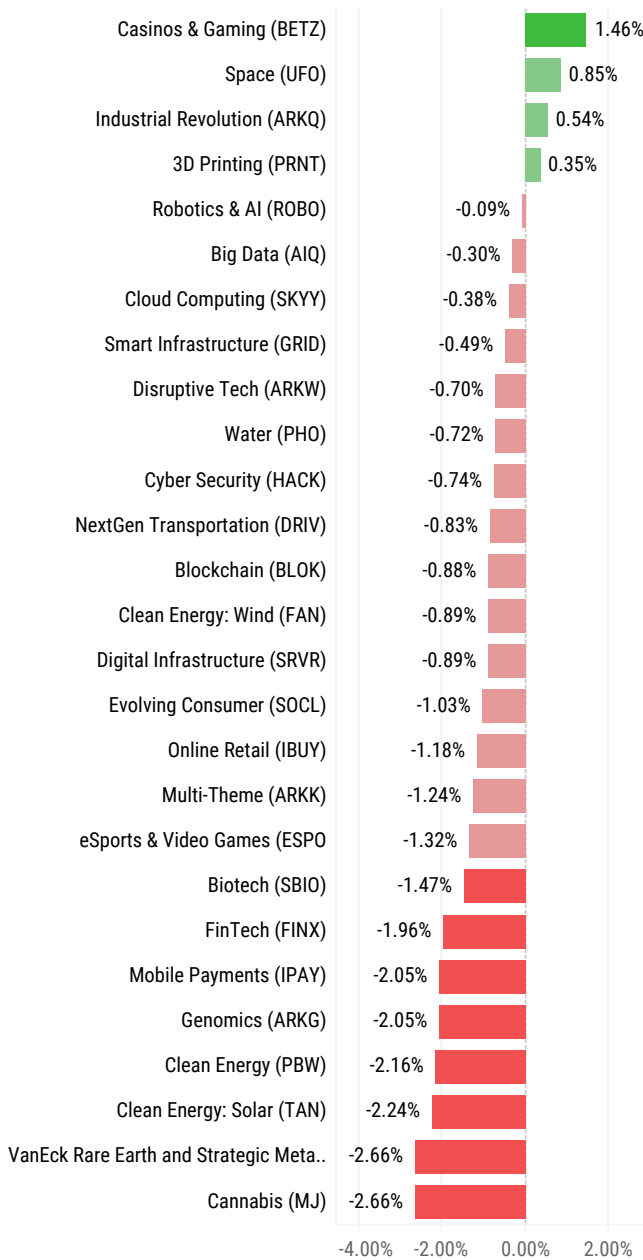


Utilities

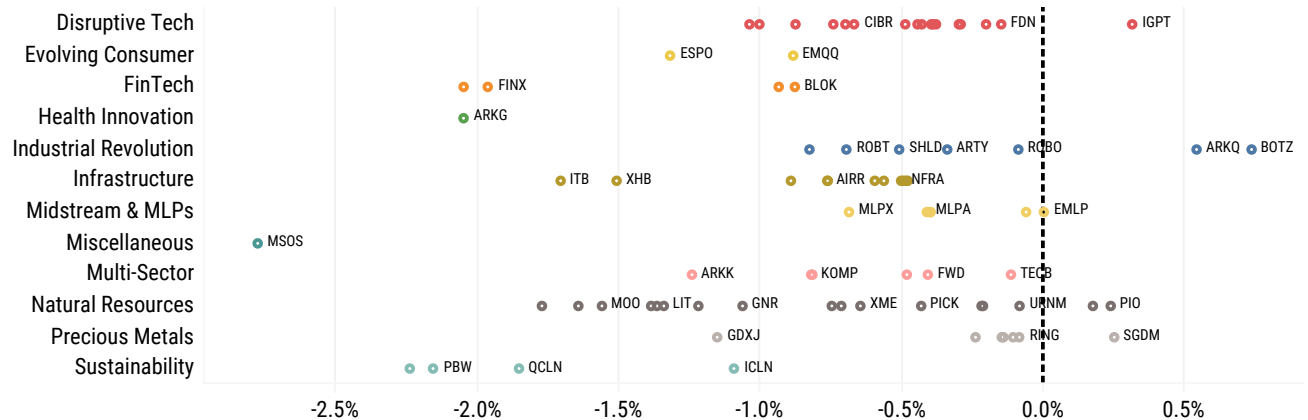


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

| Ticker | Fund | 1-Day Performance |
|--------|---|-------------------|
| BETZ | Roundhill Sports Betting & iGaming ETF | 1.46% |
| LOUP | Innovator Deepwater Frontier Tech ETF | 0.86% |
| BOTZ | Global X Robotics & Artificial Intelligence ETF | 0.73% |
| CHAT | Roundhill Generative AI & Technology ETF | 0.71% |
| FBOT | Fidelity Disruptive Automation ETF | 0.64% |
| ARKX | ARK Space Exploration & Innovation ETF | 0.57% |
| SAMT | Strategas Macro Thematic Opportunities ETF | 0.55% |
| ARKQ | ARK Autonomous Technology & Robotics ETF | 0.54% |
| CRPT | First Trust SkyBridge Crypto Industry & Digital Economy.. | 0.41% |
| NLR | VanEck Uranium and Nuclear ETF | 0.40% |

Thematic Most Overbought

| Ticker | Fund | Price |
|--------|---|-------|
| EMQQ | EMQQ The Emerging Markets Internet ETF | 79.82 |
| IYZ | iShares U.S. Telecommunications ETF | 79.21 |
| SRVR | Pacer Data & Infrastructure Real Estate ETF | 77.51 |
| DTCR | Global X Data Center And Digital Infrastructure ETF | 76.85 |
| IGF | iShares Global Infrastructure ETF | 76.71 |
| ECON | Columbia Research Enhanced Emerging Economies ETF | 76.39 |
| GII | SPDR S&P Global Infrastructure ETF | 76.06 |
| EBIZ | Global X E-Commerce ETF | 74.80 |
| MILN | Global X Millennial Consumer ETF | 74.70 |
| ESPO | VanEck Video Gaming and eSports ETF | 74.28 |

Global Thematic 1-Day Performance Laggards

| Ticker | Fund | 1-Day Performance |
|--------|--|-------------------|
| MSOS | AdvisorShares Pure US Cannabis ETF | -2.78% |
| MJ | Amplify Alternative Harvest ETF | -2.66% |
| REMX | VanEck Rare Earth and Strategic Metals ETF | -2.66% |
| MJUS | Amplify U.S. Alternative Harvest ETF | -2.57% |
| PBD | Invesco Global Clean Energy ETF | -2.25% |
| TAN | Invesco Solar ETF | -2.24% |
| PBW | Invesco WilderHill Clean Energy ETF | -2.16% |
| ARKG | ARK Genomic Revolution ETF | -2.05% |
| IPAY | Amplify Mobile Payments ETF | -2.05% |
| DAPP | VanEck Digital Transformation ETF | -2.04% |

Thematic Most Oversold

| Ticker | Fund | Price |
|--------|--|-------|
| HRTS | Tema GLP-1 Obesity & Cardiometabolic ETF | 43.00 |
| GNOM | Global X Genomics & Biotechnology ETF | 46.13 |
| ARKG | ARK Genomic Revolution ETF | 46.70 |
| IDNA | iShares Genomics Immunology and Healthcare ETF | 48.16 |
| BLCN | Siren ETF Trust Siren Nasdaq NexGen Economy ETF | 49.46 |
| HTEC | ROBO Global Healthcare Technology and Innovation ETF | 52.01 |
| MJ | Amplify Alternative Harvest ETF | 53.18 |
| PBW | Invesco WilderHill Clean Energy ETF | 53.38 |
| SBIO | ALPS Medical Breakthroughs ETF | 54.07 |
| MJUS | Amplify U.S. Alternative Harvest ETF | 55.17 |

* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify

Thematic 1 Week Flow Leaders

| Ticker | Fund | Flow |
|--------|------------------------------|--------|
| XME | SPDR S&P Metals & Mining ETF | \$229M |
| GDX | VanEck Gold Miners ETF | \$108M |
| XHB | SPDR S&P Homebuilders ETF | \$74M |
| COPX | Global X Copper Miners ETF | \$66M |
| TAN | Invesco Solar ETF | \$53M |

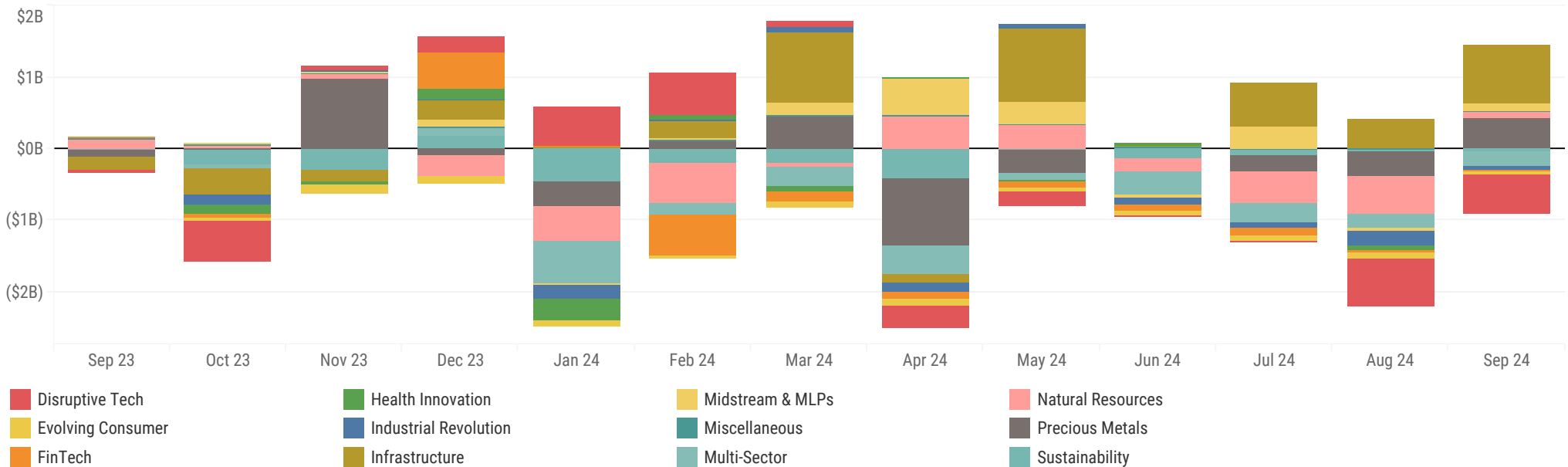
Thematic 1 Week Flow Laggards

| Ticker | Fund | Flow |
|--------|---|----------|
| CIBR | First Trust NASDAQ Cybersecurity ETF | (\$202M) |
| ARKK | ARK Innovation ETF | (\$131M) |
| ITB | iShares U.S. Home Construction ETF | (\$69M) |
| PICK | iShares MSCI Global Metals & Mining Producers ETF | (\$65M) |
| GNR | SPDR S&P Global Natural Resources ETF | (\$36M) |

Thematic Landscape Assets & Flows

| Segment | Funds | 1 Week | 3 Month | 6 Month | 1 Year | AUM |
|-----------------------|------------|-----------------|-------------------|-------------------|-------------------|---------------|
| Disruptive Tech | 53 | (\$165M) | (\$1,210M) | (\$1,722M) | (\$812M) | \$29B |
| Evolving Consumer | 37 | (\$20M) | (\$208M) | (\$418M) | (\$906M) | \$2B |
| FinTech | 21 | (\$6M) | (\$141M) | (\$418M) | (\$682M) | \$3B |
| Health Innovation | 26 | \$2M | (\$77M) | (\$69M) | (\$357M) | \$2B |
| Industrial Revolution | 26 | (\$16M) | (\$389M) | (\$503M) | (\$734M) | \$7B |
| Infrastructure | 36 | (\$83M) | \$1,823M | \$2,860M | \$3,543M | \$30B |
| Midstream & MLPs | 12 | \$28M | \$402M | \$1,175M | \$1,483M | \$17B |
| Miscellaneous | 4 | \$0M | \$3M | \$7M | \$8M | \$0B |
| Multi-Sector | 32 | (\$114M) | (\$690M) | (\$1,537M) | (\$2,418M) | \$14B |
| Natural Resources | 54 | (\$24M) | (\$968M) | (\$261M) | (\$1,359M) | \$30B |
| Precious Metals | 12 | \$38M | (\$153M) | (\$1,348M) | (\$367M) | \$25B |
| Sustainability | 34 | \$32M | (\$217M) | (\$826M) | (\$1,990M) | \$6B |
| Grand Total | 347 | (\$329M) | (\$1,826M) | (\$3,061M) | (\$4,590M) | \$165B |

Thematic Monthly Flows



* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)

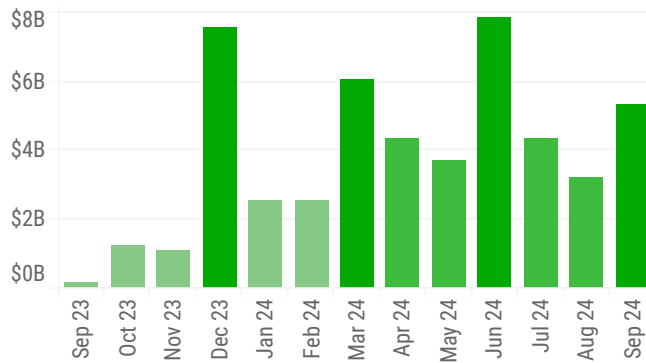


■ 200 Day Moving Average ■ Closing Price
■ 50 Day Moving Average

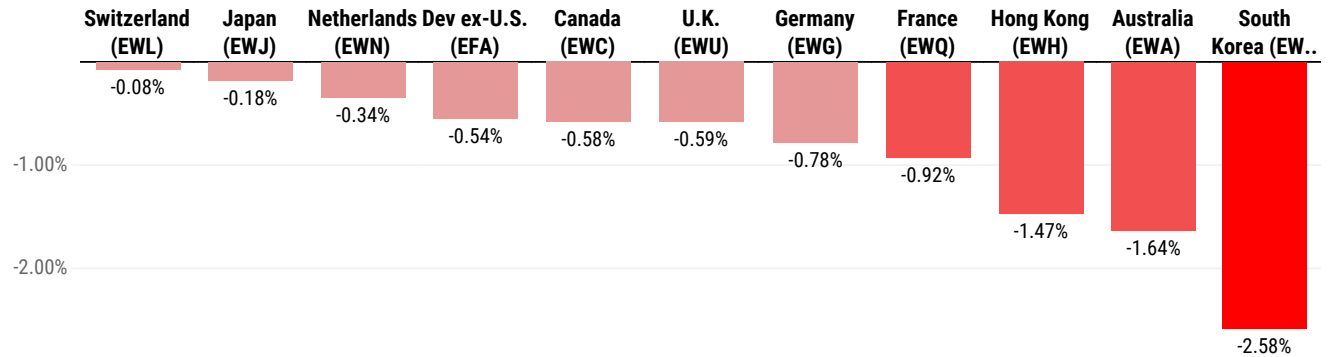
Developed ex-U.S. 12-Month Rolling Flows



Developed ex-U.S. Monthly Flows



Developed ex-U.S. 1-Day Performance Top 10 Countries



Developed ex-U.S. 1-Day Performance Leaders

| Ticker | Fund | 1-Day Performance |
|--------|--|-------------------|
| FLJH | Franklin FTSE Japan Hedged ETF | 1.06% |
| HEWJ | iShares Currency Hedged MSCI Japan ETF | 0.96% |
| DBJP | Xtrackers MSCI Japan Hedged Equity ETF | 0.87% |
| DXJ | WisdomTree Japan Hedged Equity Fund | 0.78% |
| IZRL | ARK Israel Innovative Technology ETF | 0.72% |
| DXJS | WisdomTree Japan Hedged SmallCap Equity Fund | 0.67% |
| FJP | First Trust Japan AlphaDEX Fund | 0.58% |
| FSZ | First Trust Switzerland AlphaDEX Fund | 0.51% |
| IHDG | WisdomTree International Hedged Quality Dividend Growth .. | 0.39% |
| HSCZ | iShares Currency Hedged MSCI EAFE Small-Cap ETF | 0.25% |

Developed ex-U.S. Most Overbought

| Ticker | Fund | Value |
|--------|---|-------|
| EWH | iShares MSCI Hong Kong ETF | 80.22 |
| EWS | iShares MSCI Singapore ETF | 79.86 |
| AAXJ | iShares MSCI All Country Asia ex Japan ETF | 75.24 |
| EPP | iShares MSCI Pacific ex-Japan ETF | 72.09 |
| AIA | iShares Asia 50 ETF | 71.28 |
| FLCA | Franklin FTSE Canada ETF | 70.89 |
| EWP | iShares MSCI Spain ETF | 70.72 |
| EWC | iShares MSCI Canada ETF | 70.23 |
| BBCA | JPMorgan BetaBuilders Canada ETF | 68.30 |
| FGD | First Trust Dow Jones Global Select Dividend Index Fund | 68.16 |

Developed ex-U.S. 1-Day Performance Laggards

| Ticker | Fund | 1-Day Performance |
|--------|--|-------------------|
| NORW | Global X MSCI Norway ETF | -2.72% |
| EWY | iShares MSCI South Korea ETF | -2.58% |
| FLKR | Franklin FTSE South Korea ETF | -2.28% |
| MKOR | Matthews Korea Active ETF | -1.75% |
| EWA | iShares MSCI Australia ETF | -1.64% |
| BBAX | JPMorgan BetaBuilders Developed Asia Pacific ex-Japa.. | -1.60% |
| AIA | iShares Asia 50 ETF | -1.49% |
| EPP | iShares MSCI Pacific ex-Japan ETF | -1.48% |
| EWH | iShares MSCI Hong Kong ETF | -1.47% |
| EWS | iShares MSCI Singapore ETF | -1.43% |

Developed ex-U.S. Most Oversold

| Ticker | Fund | Value |
|--------|---|-------|
| EWO | iShares MSCI Austria ETF | 47.77 |
| EDEN | iShares MSCI Denmark ETF | 48.66 |
| IZRL | ARK Israel Innovative Technology ETF | 49.26 |
| IHDG | WisdomTree International Hedged Quality Dividend.. | 50.30 |
| IMFL | Invesco International Developed Dynamic Multifact.. | 52.45 |
| HEWJ | iShares Currency Hedged MSCI Japan ETF | 52.70 |
| DBJP | Xtrackers MSCI Japan Hedged Equity ETF | 53.07 |
| EWJV | iShares MSCI Japan Value ETF | 53.30 |
| FLJH | Franklin FTSE Japan Hedged ETF | 53.58 |
| DXJ | WisdomTree Japan Hedged Equity Fund | 53.64 |

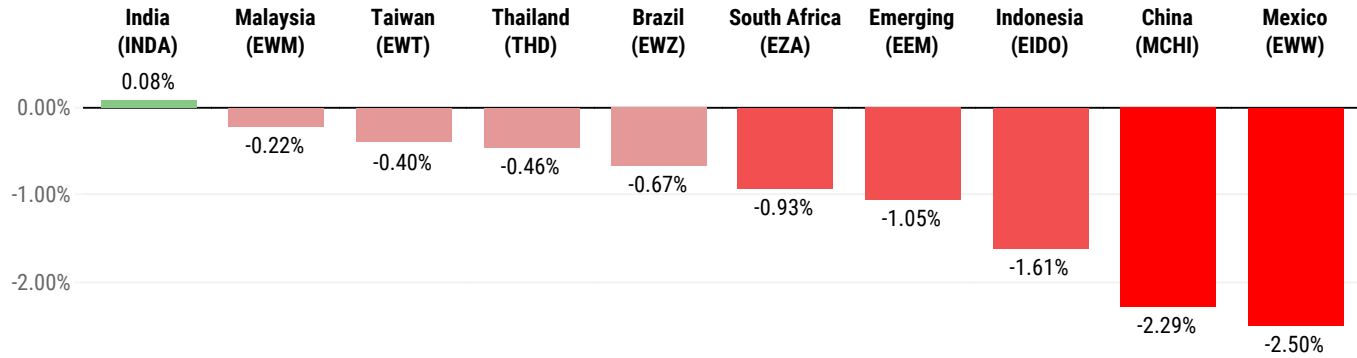
* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Emerging (EEM)



■ 200 Day Moving Average ■ Closing Price
■ 50 Day Moving Average

Emerging 1-Day Performance Top 10 Countries



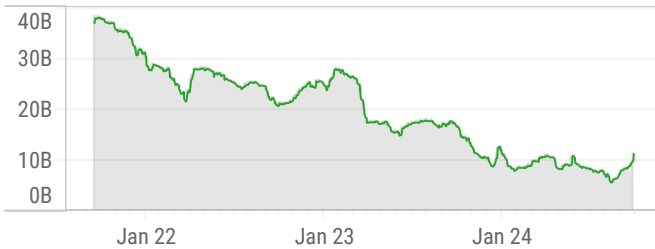
Emerging 1-Day Performance Leaders

| Ticker | Fund | Performance |
|--------|-------------------------------------|-------------|
| QAT | iShares MSCI Qatar ETF | 0.49% |
| PIN | Invesco India ETF | 0.39% |
| INDY | iShares India 50 ETF | 0.19% |
| EPI | WisdomTree India Earnings Fund | 0.18% |
| FLIN | Franklin FTSE India ETF | 0.12% |
| INDA | iShares MSCI India ETF | 0.08% |
| FLTW | Franklin FTSE Taiwan ETF | 0.06% |
| SMIN | iShares MSCI India Small Cap ETF | 0.05% |
| GLIN | VanEck India Growth Leaders ETF | -0.04% |
| INDH | WisdomTree India Hedged Equity Fund | -0.20% |

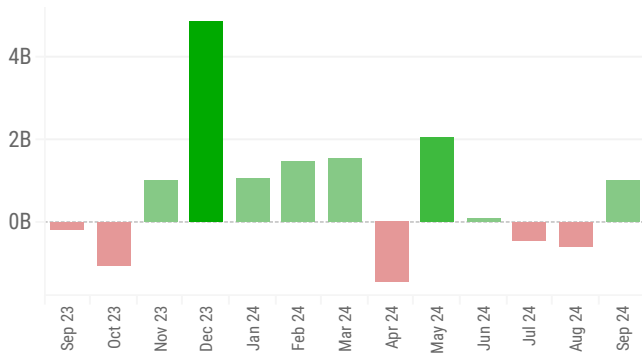
Emerging Most Overbought

| Ticker | Fund | Value |
|--------|--|-------|
| FXI | iShares China Large-Cap ETF | 83.63 |
| THD | iShares MSCI Thailand ETF | 83.21 |
| MCHI | iShares MSCI China ETF | 81.22 |
| FLCH | Franklin FTSE China ETF | 81.18 |
| GXC | SPDR S&P China ETF | 80.23 |
| CHIQ | Global X MSCI China Consumer Discretionary ETF | 80.16 |
| EMQQ | EMQQ The Emerging Markets Internet ETF | 79.82 |
| EEMV | iShares MSCI Emerging Markets Min Vol Factor ETF | 79.73 |
| EPHE | iShares MSCI Philippines ETF | 79.68 |
| CXSE | WisdomTree China ex-State-Owned Enterprises Fund | 79.56 |

Emerging 12-Month Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Laggards

| Ticker | Fund | Performance |
|--------|--|-------------|
| ECNS | iShares MSCI China Small-Cap ETF | -3.02% |
| FXI | iShares China Large-Cap ETF | -2.76% |
| CHIQ | Global X MSCI China Consumer Discretionary ETF | -2.64% |
| PGJ | Invesco Golden Dragon China ETF | -2.60% |
| KWEB | KraneShares CSI China Internet ETF | -2.56% |
| CQQQ | Invesco China Technology ETF | -2.55% |
| EWZ | iShares MSCI Brazil ETF | -2.50% |
| FLMX | Franklin FTSE Mexico ETF | -2.45% |
| TUR | iShares MSCI Turkey ETF | -2.32% |
| GXC | SPDR S&P China ETF | -2.30% |

Emerging Most Oversold

| Ticker | Fund | Value |
|--------|------------------------------------|-------|
| FM | iShares Frontier and Select EM ETF | 47.67 |
| KWT | iShares MSCI Kuwait ETF | 48.52 |
| EWZS | iShares MSCI Brazil Small-Cap ETF | 49.95 |
| EWZ | iShares MSCI Brazil ETF | 51.43 |
| FLBR | Franklin FTSE Brazil ETF | 52.06 |
| TUR | iShares MSCI Turkey ETF | 54.06 |
| FLLA | Franklin FTSE Latin America ETF | 55.54 |
| ILF | iShares Latin America 40 ETF | 56.32 |
| EPOL | iShares MSCI Poland ETF | 57.27 |
| EWZ | iShares MSCI Mexico ETF | 58.26 |

*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

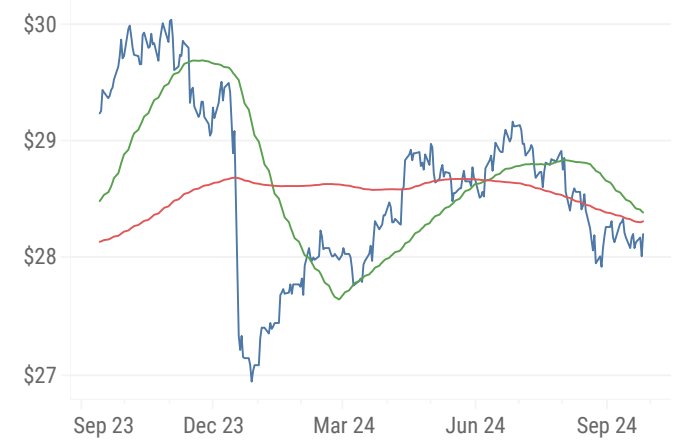
Fixed Income (AGG)



Commodities (DJP)



Currencies (UUP)



■ 200 Day Moving Average
 ■ 50 Day Moving Average
 ■ Closing Price

Fixed Income Performance

| Ticker | Name | 1 Day | 1 Month | YTD |
|--------|-------------------------------|--------|---------|--------|
| AGG | U.S. Aggregate | -0.38% | 0.73% | 4.47% |
| SHY | 1-3 Year Treasury Bonds | -0.08% | 0.85% | 4.08% |
| IEF | 7-10 Year Treasury Bonds | -0.41% | 0.58% | 4.11% |
| TLT | 20+ Year Treasury Bonds | -0.83% | -0.25% | 1.56% |
| TIP | TIPS Bonds | -0.38% | 0.98% | 4.79% |
| FLOT | Floating Rate Bonds | 0.02% | 0.51% | 4.90% |
| LQD | Investment Grade Corporate | -0.59% | 0.94% | 4.99% |
| HYG | High Yield Corporate | -0.11% | 1.28% | 7.73% |
| BKLN | Senior Loan | 0.05% | 0.91% | 5.48% |
| PFF | Preferred & Income Securities | -0.21% | 3.83% | 11.73% |
| MUB | Municipal Bonds | -0.11% | 0.47% | 1.95% |
| MBB | MBS | -0.32% | 0.74% | 4.64% |
| EMB | Dollar Denominated EM Bonds | -0.30% | 1.07% | 8.13% |
| LEMB | Local Currency EM Bond | -0.08% | 1.67% | 4.41% |

Commodities Performance

| Ticker | Name | 1 Day | 1 Month | YTD |
|--------|----------------------------------|--------|---------|---------|
| DJP | Broad Commodities | -0.28% | 5.00% | 6.12% |
| DBE | Energy | -1.34% | -4.08% | -1.86% |
| USO | WTI Crude Oil | -2.47% | -5.39% | 7.25% |
| BNO | Brent Crude Oil | -1.91% | -5.23% | 5.42% |
| UNG | Natural Gas | 0.25% | 15.52% | -21.84% |
| UGA | Gasoline | -1.23% | -5.35% | -1.59% |
| DBP | Precious Metals | -0.36% | 6.01% | 29.47% |
| GLD | Gold | -0.14% | 5.91% | 28.54% |
| SLV | Silver | -1.09% | 6.84% | 33.43% |
| PPLT | abrdn Physical Platinum Shares.. | -0.12% | 2.67% | -0.50% |
| PALL | abrdn Physical Palladium Share.. | -2.38% | 8.75% | -5.56% |
| DBB | Base Metals | -0.92% | 2.66% | 11.69% |
| CPER | Copper | -0.85% | 5.97% | 16.24% |
| DBA | Agriculture | 0.69% | 6.65% | 26.90% |
| CORN | Corn | 0.33% | 5.25% | -15.48% |
| SOYB | Soybeans | 0.92% | 7.87% | -14.74% |
| WEAT | Wheat | 1.73% | 10.23% | -11.56% |
| CANE | Sugar | 1.05% | 20.03% | 9.44% |

Currencies Performance

| Ticker | Name | 1 Day | 1 Month | YTD |
|--------|------------------------|--------|---------|--------|
| UUP | Long Dollar | 0.68% | 0.89% | 4.13% |
| UDN | Short Dollar | -0.42% | 0.26% | 2.66% |
| FXE | Euro | -0.46% | -0.40% | 2.50% |
| FXB | British Pound Sterling | -0.72% | 1.03% | 6.96% |
| FXF | Swiss Franc | -0.81% | -0.32% | -1.12% |
| FXV | Japanese Yen | -0.96% | -0.42% | -2.96% |
| FXC | Canadian Dollar | -0.33% | 0.35% | -0.09% |
| FXA | Australian Dollar | -1.06% | 0.46% | 1.24% |

*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify

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[FactSet Research Systems](#)



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