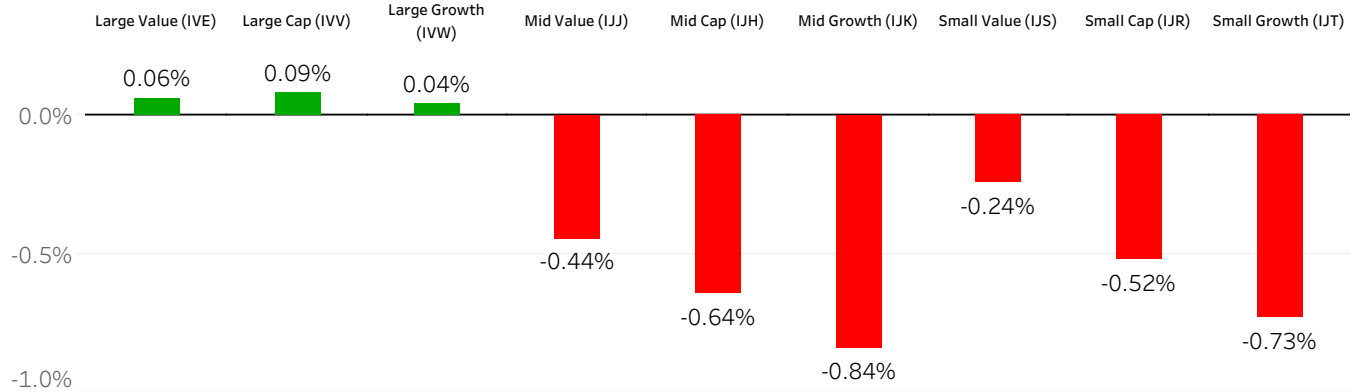


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

| Ticker | Fund | Performance |
|--------|--|-------------|
| BUZZ | VanEck Social Sentiment ETF | 1.20% |
| IPO | Renaissance IPO ETF | 1.11% |
| WBIY | WBI Power Factor High Dividend ETF | 0.94% |
| ABEQ | Absolute Select Value ETF | 0.47% |
| TPLE | Timothy Plan Us Large/Mid Cap Core Enhanced ETF | 0.46% |
| QQH | HCM Defender 100 Index ETF | 0.46% |
| SPYD | SPDR Portfolio S&P 500 High Dividend ETF | 0.42% |
| RDIV | Invesco S&P Ultra Dividend Revenue ETF | 0.41% |
| SPDV | AAM S&P 500 High Dividend Value ETF | 0.38% |
| SPHD | Invesco S&P 500 High Dividend Low Volatility ETF | 0.33% |

Size & Style Most Overbought

| Ticker | Fund | Value |
|--------|---|-------|
| LCG | Sterling Capital Focus Equity ETF | 75.56 |
| MBCC | Monarch Blue Chips Core ETF | 74.46 |
| PWB | Invesco Large Cap Growth ETF | 73.65 |
| BKLC | BNY Mellon US Large Cap Core Equity ETF | 72.23 |
| GVIP | Goldman Sachs Hedge Industry VIP ETF | 72.21 |
| NULG | Nuveen ESG Large-Cap Growth ETF | 72.05 |
| VUG | Vanguard Growth ETF | 72.05 |
| WINN | Harbor Long-Term Growers ETF | 71.85 |
| CATH | Global X S&P 500 Catholic Values Custom ETF | 71.84 |
| CGGR | Capital Group Growth ETF | 71.79 |

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

| Ticker | Fund | Performance |
|--------|--|-------------|
| XMMO | Invesco S&P MidCap Momentum ETF | -1.68% |
| DWAS | Invesco Dorsey Wright SmallCap Momentum ETF | -1.56% |
| QMOM | Alpha Architect U.S. Quantitative Momentum ETF | -1.53% |
| FDM | First Trust Dow Jones Select MicroCap Index Fund | -1.48% |
| CSD | Invesco S&P Spin-Off ETF | -1.29% |
| XMHQ | Invesco S&P MidCap Quality ETF | -1.15% |
| PDP | Invesco Dorsey Wright Momentum ETF | -1.10% |
| XSMO | Invesco S&P SmallCap Momentum ETF | -1.09% |
| RFG | Invesco S&P Midcap 400 Pure Growth ETF | -1.06% |
| RZG | Invesco S&P Smallcap 600 Pure Growth ETF | -1.05% |

Size & Style Most Oversold

| Ticker | Fund | Value |
|--------|---|-------|
| PTMC | Pacer Trendpilot US Mid Cap ETF | 31.46 |
| LSAT | Leadershares Alphafactor Tactical Focused ETF | 51.96 |
| RFG | Invesco S&P Midcap 400 Pure Growth ETF | 52.04 |
| TMFS | Motley Fool Small-Cap Growth ETF | 52.70 |
| ALTL | Pacer Lunt Large Cap Alternator ETF | 52.84 |
| FDM | First Trust Dow Jones Select MicroCap Index Fund | 52.90 |
| CSF | VictoryShares US Discovery Enhanced Volatility Wt.. | 53.47 |
| MGMT | Ballast Small/Mid Cap ETF | 53.60 |
| TPLE | Timothy Plan Us Large/Mid Cap Core Enhanced ETF | 53.93 |
| SMDV | ProShares Russell 2000 Dividend Growers ETF | 54.38 |

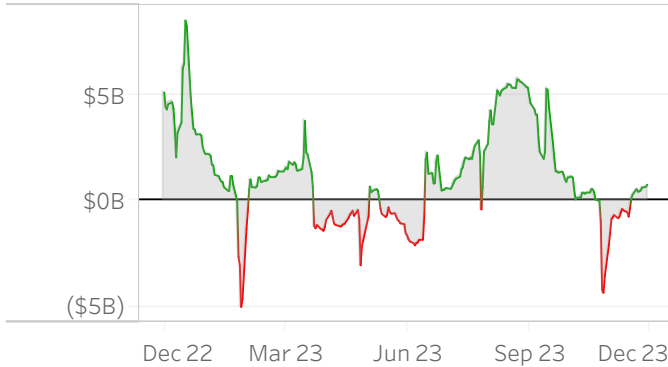
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

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

Large-Cap 30-Day Rolling Flows



Mid-Cap 30-Day Rolling Flows



Small-Cap 30-Day Rolling Flows



U.S. Size & Style Landscape Flows

| | Funds | AUM | 1 Week | 3 Month | 6 Month | 1 Year |
|-------------------------------|-------|----------|-----------|-----------|-----------|-----------|
| Large Cap, Beta, Beta | 26 | \$1,551B | \$2.42B | \$63.05B | \$95.32B | \$90.81B |
| Large Cap, Beta, Beta: Growth | 10 | \$305B | \$0.22B | \$11.57B | \$13.34B | \$18.39B |
| Large Cap, Beta, Beta: Value | 11 | \$225B | \$0.37B | \$2.47B | \$3.62B | (\$2.54B) |
| Mid Cap, Beta, Beta | 10 | \$195B | \$0.16B | \$1.15B | \$7.34B | \$9.12B |
| Mid Cap, Beta, Beta: Growth | 6 | \$36B | \$0.10B | \$0.30B | \$0.93B | \$0.61B |
| Mid Cap, Beta, Beta: Value | 6 | \$38B | \$0.02B | (\$0.76B) | (\$1.41B) | (\$2.99B) |
| Small Cap, Beta, Beta | 11 | \$200B | (\$1.15B) | \$3.64B | \$11.70B | \$11.54B |
| Small Cap, Beta, Beta: Growth | 7 | \$33B | (\$0.01B) | \$0.73B | \$0.98B | \$1.16B |
| Small Cap, Beta, Beta: Value | 7 | \$47B | (\$0.11B) | (\$0.46B) | (\$0.87B) | (\$1.52B) |

U.S. Size & Style Flow Leaders

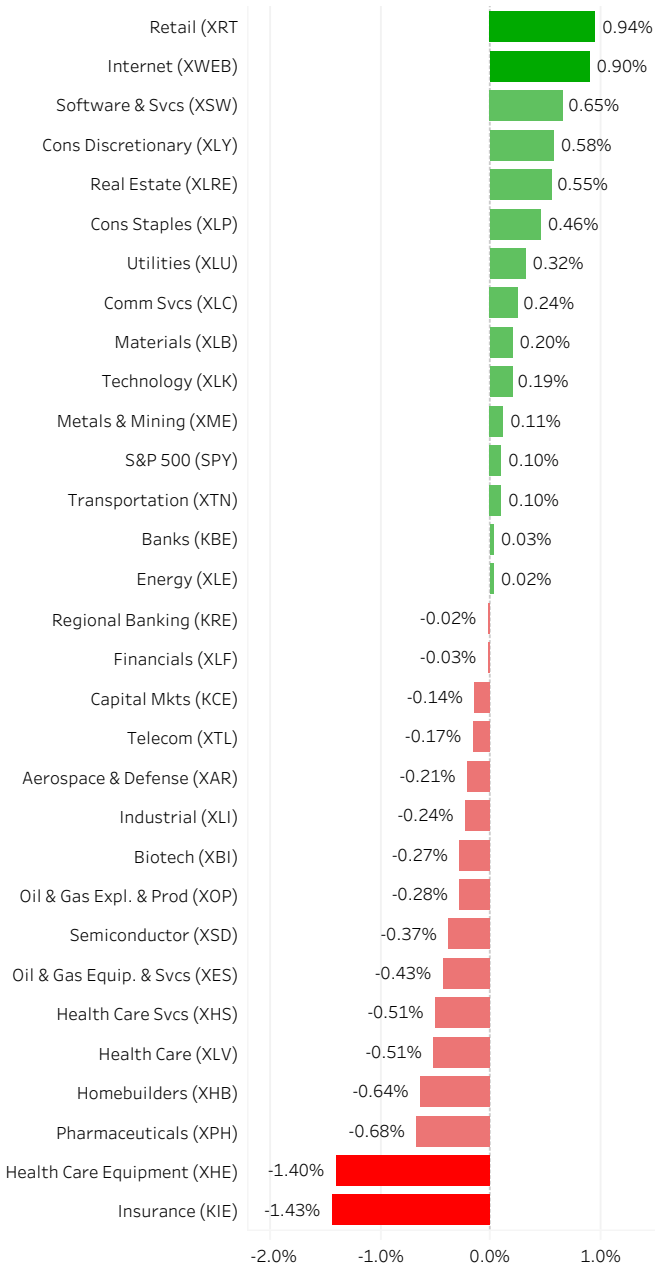
| Ticker | Fund | 1 Week | 3 Month | 6 Month | 1 Year | AUM |
|--------|---|---------|-----------|----------|-----------|-----------|
| IVV | iShares Core S&P 500 ETF | \$1.67B | \$18.22B | \$37.14B | \$28.87B | \$376.24B |
| SPY | SPDR S&P 500 ETF Trust | \$0.56B | \$11.16B | \$0.81B | (\$1.66B) | \$429.47B |
| VTI | Vanguard Total Stock Market ETF | \$0.29B | \$6.24B | \$12.31B | \$20.53B | \$326.29B |
| VOO | Vanguard S&P 500 ETF | \$0.27B | \$12.21B | \$29.32B | \$39.69B | \$352.50B |
| SPYG | SPDR Portfolio S&P 500 Growth ETF | \$0.21B | \$1.23B | \$1.48B | \$3.52B | \$20.26B |
| PBUS | Invesco MSCI USA ETF | \$0.17B | \$0.83B | \$1.02B | \$0.96B | \$3.60B |
| IWD | iShares Russell 1000 Value ETF | \$0.15B | \$1.03B | \$0.19B | (\$3.88B) | \$50.74B |
| JEPQ | J.P. Morgan Nasdaq Equity Premium Income .. | \$0.15B | \$2.20B | \$4.09B | \$6.10B | \$7.40B |
| PWB | Invesco Large Cap Growth ETF | \$0.14B | \$0.15B | \$0.16B | \$0.15B | \$0.85B |
| IJH | iShares Core S&P Mid-Cap ETF | \$0.14B | (\$0.33B) | \$4.47B | \$5.46B | \$71.70B |

U.S. Size & Style Flow Laggards

| Ticker | Fund | 1 Week | 3 Month | 6 Month | 1 Year | AUM |
|--------|---|-----------|-----------|-----------|-----------|-----------|
| USMV | iShares MSCI USA Min Vol Factor ETF | (\$3.25B) | (\$0.93B) | (\$1.64B) | (\$3.30B) | \$28.14B |
| IWM | iShares Russell 2000 ETF | (\$1.24B) | \$2.24B | \$3.98B | \$1.24B | \$54.77B |
| QQQ | Invesco QQQ Trust Series I | (\$0.49B) | \$11.38B | \$13.43B | \$5.86B | \$221.95B |
| IWF | iShares Russell 1000 Growth ETF | (\$0.15B) | \$2.99B | \$2.53B | (\$0.08B) | \$77.49B |
| VXF | Vanguard Extended Market ETF | (\$0.14B) | \$0.23B | \$0.68B | \$1.10B | \$15.69B |
| IWB | iShares Russell 1000 ETF | (\$0.14B) | (\$0.20B) | (\$0.14B) | (\$1.04B) | \$31.15B |
| DIA | SPDR Dow Jones Industrial Average ETF Trust | (\$0.12B) | (\$0.30B) | (\$0.02B) | (\$2.19B) | \$29.67B |
| VUG | Vanguard Growth ETF | (\$0.07B) | \$2.18B | \$1.88B | \$3.79B | \$99.35B |
| VTV | Vanguard Value ETF | (\$0.06B) | (\$0.78B) | \$0.26B | (\$0.76B) | \$99.67B |
| IJR | iShares Core S&P Small Cap ETF | (\$0.06B) | (\$0.01B) | \$1.85B | \$2.20B | \$67.61B |

* 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) |
|--------|--|-----------------|----------------|--------------------|---------------------|-----------|
| XLK | Technology Select Sector SPDR Fund | -0.38% | 52.46% | 7.98% | 13.30% | 71.38 |
| SPY | SPDR S&P 500 ETF Trust | -0.62% | 20.78% | 4.83% | 6.34% | 70.44 |
| XLC | Communication Services Select Sector SPDR Fund | -0.72% | 51.44% | 4.93% | 11.56% | 64.24 |
| XLY | Consumer Discretionary Select Sector SPDR Fund | -4.23% | 34.23% | 5.59% | 6.94% | 66.76 |
| XLF | Financial Select Sector SPDR Fund | -4.73% | 13.78% | 5.17% | 5.24% | 70.33 |
| XLI | Industrial Select Sector SPDR Fund | -4.75% | 9.38% | 3.59% | 2.56% | 63.68 |
| XLB | Materials Select Sector SPDR Fund | -5.30% | 9.02% | 4.01% | 1.44% | 66.51 |
| XLV | Health Care Select Sector SPDR Fund | -7.47% | 5.28% | 0.85% | -0.84% | 54.98 |
| XLP | Consumer Staples Select Sector SPDR Fund | -8.99% | 6.51% | 2.84% | -2.97% | 63.23 |
| XLE | Energy Select Sector SPDR Fund | -9.33% | 10.52% | -2.74% | 0.14% | 45.83 |
| XLRE | Real Estate Select Sector SPDR Fund | -12.38% | 13.86% | 6.71% | 0.66% | 67.16 |
| XLU | Utilities Select Sector SPDR Fund | -13.32% | 12.10% | 4.53% | -2.59% | 63.76 |

Sector & Industry 1 Day Performance Leaders

| Ticker | Fund | 1 Day Performance |
|--------|---|-------------------|
| XRT | SPDR S&P Retail ETF | 0.94% |
| MORT | VanEck Mortgage REIT Income ETF | 0.91% |
| REM | iShares Mortgage Real Estate ETF | 0.86% |
| KBWY | Invesco KBW Premium Yield Equity REIT ETF | 0.84% |
| FDN | First Trust Dow Jones Internet Index Fund | 0.76% |
| PSR | Invesco Active U.S. Real Estate Fund | 0.76% |
| FXU | First Trust Utilities AlphaDEX Fund | 0.75% |
| QTEC | First Trust NASDAQ-100 Technology Sector Index .. | 0.73% |
| VNQ | Vanguard Real Estate ETF | 0.66% |
| XSW | SPDR S&P Software & Services ETF | 0.65% |

Sector & Industry Most Overbought

| Ticker | Fund | RSI (14D) |
|--------|---|-----------|
| IGV | iShares Expanded Tech-Software Sector ETF | 75.38 |
| PNQI | Invesco NASDAQ Internet ETF | 73.45 |
| XNTK | SPDR NYSE Technology ETF | 73.08 |
| ITA | iShares U.S. Aerospace & Defense ETF | 72.96 |
| FTEC | Fidelity MSCI Information Technology Index ETF | 71.93 |
| XLK | Technology Select Sector SPDR Fund | 71.38 |
| QTEC | First Trust NASDAQ-100 Technology Sector Index Fund | 71.14 |
| VGT | Vanguard Information Technology ETF | 70.93 |
| IYG | iShares US Financial Services ETF | 70.63 |
| FNCL | Fidelity MSCI Financials Index ETF | 70.49 |

Sector & Industry 1 Day Performance Laggards

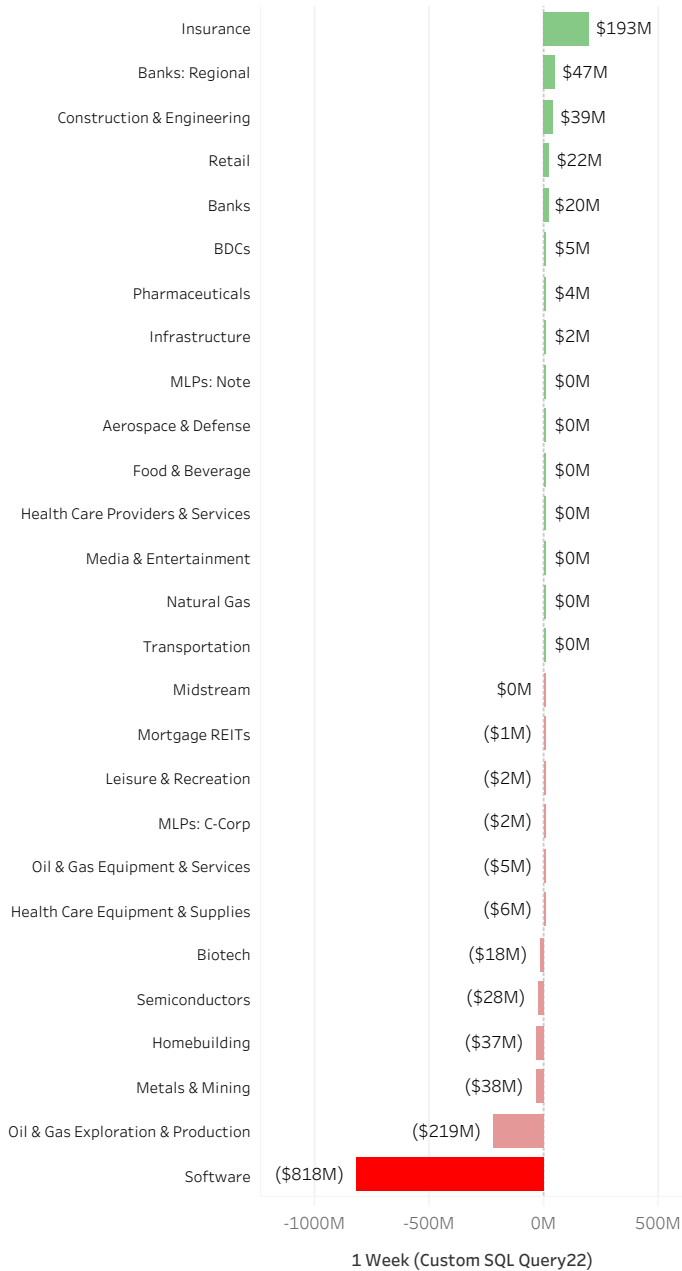
| Ticker | Fund | 1 Day Performance |
|--------|---|-------------------|
| PTH | Invesco Dorsey Wright Healthcare Momentum ETF | -2.20% |
| PRN | Invesco Dorsey Wright Industrials Momentum ETF | -1.85% |
| KBWP | Invesco KBW Property & Casualty Insurance ETF | -1.60% |
| AIRR | First Trust RBA American Industrial Renaissance ETF | -1.59% |
| PXJ | Invesco Oil & Gas Services ETF | -1.52% |
| PSCI | Invesco S&P SmallCap Industrials ETF | -1.51% |
| KIE | SPDR S&P Insurance ETF | -1.43% |
| XHE | SPDR S&P Health Care Equipment ETF | -1.40% |
| PKB | Invesco Building & Construction ETF | -1.39% |
| PAVE | Global X U.S. Infrastructure Development ETF | -1.18% |

Sector & Industry Most Oversold

| Ticker | Fund | RSI (14D) |
|--------|---|-----------|
| XES | SPDR S&P Oil & Gas Equipment & Services ETF | 39.11 |
| IEZ | iShares U.S. Oil Equipment & Services ETF | 39.56 |
| PXJ | Invesco Oil & Gas Services ETF | 40.97 |
| XOP | SPDR S&P Oil & Gas Exploration & Production ETF | 41.15 |
| FCG | First Trust Natural Gas ETF | 41.54 |
| PSCE | Invesco S&P SmallCap Energy ETF | 41.63 |
| FXN | First Trust Energy AlphaDEX Fund | 43.73 |
| PXE | Invesco Energy Exploration & Production ETF | 43.93 |
| IEO | iShares U.S. Oil & Gas Exploration & Production ETF | 44.59 |
| PJP | Invesco Pharmaceuticals ETF | 44.64 |

* 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 | AUM | 1 Week | 3 Month | 6 Month | 1 Year |
|------------------------|-------|--------|----------|------------|------------|------------|
| Communication Services | 7 | \$19B | \$60M | (\$534M) | \$1,090M | \$2,777M |
| Consumer Discretionary | 12 | \$27B | \$108M | (\$77M) | \$1,091M | \$1,534M |
| Consumer Staples | 10 | \$26B | (\$17M) | (\$2,977M) | (\$3,815M) | (\$1,985M) |
| Energy | 30 | \$72B | (\$358M) | \$2,117M | \$731M | (\$8,067M) |
| Financials | 26 | \$55B | \$179M | (\$3,442M) | (\$1,719M) | (\$3,691M) |
| Health Care | 23 | \$82B | (\$405M) | (\$4,256M) | (\$5,804M) | (\$9,137M) |
| Industrial | 13 | \$34B | (\$144M) | (\$1,225M) | \$798M | \$1,352M |
| Materials | 9 | \$12B | (\$94M) | (\$922M) | (\$1,964M) | (\$2,003M) |
| Multi-Sector | 17 | \$18B | \$28M | (\$413M) | \$2,057M | \$1,990M |
| Real Estate | 25 | \$54B | \$11M | (\$148M) | \$606M | (\$3,116M) |
| Technology | 23 | \$165B | (\$843M) | \$5,838M | \$4,815M | \$4,775M |
| Utilities | 9 | \$21B | \$35M | (\$1,782M) | (\$2,239M) | (\$2,110M) |

U.S. Sector & Industry Flow Leaders

| Ticker | Fund | 1 Week | 3 Month | 6 Month | 1 Year | AUM |
|--------|--|--------|------------|------------|------------|-----------|
| XLK | Technology Select Sector SPDR Fund | \$230M | \$1,647M | \$2,284M | (\$764M) | \$55,034M |
| KIE | SPDR S&P Insurance ETF | \$192M | \$287M | \$275M | \$248M | \$847M |
| IYR | iShares U.S. Real Estate ETF | \$128M | \$267M | \$249M | (\$147M) | \$2,986M |
| XLC | Communication Services Select Sector SPDR Fu.. | \$60M | (\$497M) | \$832M | \$2,517M | \$14,768M |
| XLY | Consumer Discretionary Select Sector SPDR Fu.. | \$59M | \$478M | \$1,018M | \$1,054M | \$17,629M |
| VIS | Vanguard Industrials ETF | \$51M | (\$360M) | \$17M | (\$5M) | \$3,997M |
| XLU | Utilities Select Sector SPDR Fund | \$50M | (\$1,022M) | (\$1,293M) | (\$1,041M) | \$13,570M |
| KRE | SPDR S&P Regional Banking ETF | \$49M | \$53M | (\$509M) | \$568M | \$2,803M |
| PKB | Invesco Building & Construction ETF | \$39M | (\$1M) | \$36M | \$105M | \$261M |
| XBI | SPDR S&P BIOTECH ETF | \$36M | \$438M | \$209M | (\$1,165M) | \$6,086M |

U.S. Sector & Industry Flow Laggards

| Ticker | Fund | 1 Week | 3 Month | 6 Month | 1 Year | AUM |
|--------|---|----------|------------|------------|------------|-----------|
| IGV | iShares Expanded Tech-Software Sector ETF | (\$818M) | \$1,330M | \$1,576M | \$1,644M | \$7,247M |
| XLV | Health Care Select Sector SPDR Fund | (\$352M) | (\$2,847M) | (\$3,274M) | (\$3,536M) | \$36,768M |
| XOP | SPDR S&P Oil & Gas Exploration & Production E.. | (\$214M) | (\$338M) | (\$348M) | (\$842M) | \$3,321M |
| XLI | Industrial Select Sector SPDR Fund | (\$184M) | (\$899M) | \$509M | (\$238M) | \$14,371M |
| XLE | Energy Select Sector SPDR Fund | (\$161M) | \$1,829M | \$688M | (\$2,673M) | \$37,394M |
| VNQ | Vanguard Real Estate ETF | (\$96M) | (\$848M) | (\$289M) | (\$2,214M) | \$30,504M |
| XLF | Financial Select Sector SPDR Fund | (\$72M) | (\$2,596M) | (\$675M) | (\$1,595M) | \$31,031M |
| IBB | iShares Biotechnology ETF | (\$54M) | (\$447M) | (\$724M) | (\$1,421M) | \$6,403M |
| FXL | First Trust Technology AlphaDEX Fund | (\$53M) | \$68M | \$74M | \$31M | \$1,288M |
| XME | SPDR S&P Metals & Mining ETF | (\$38M) | (\$92M) | (\$182M) | (\$269M) | \$1,737M |

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

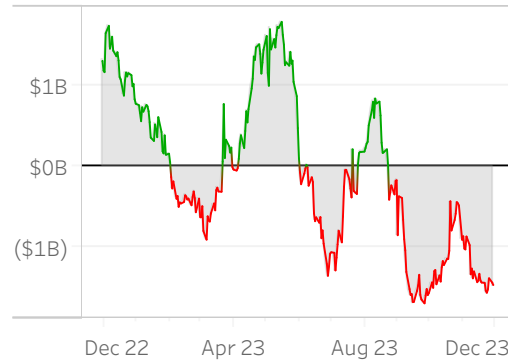
Communication Services



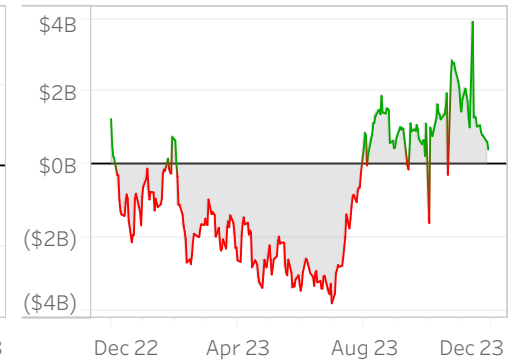
Consumer Discretionary



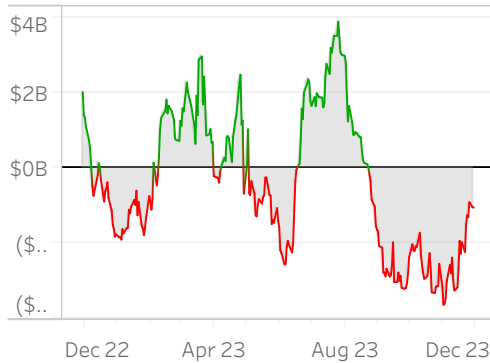
Consumer Staples



Energy



Financials



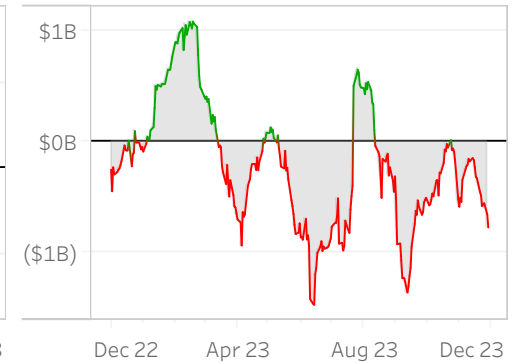
Industrial



Health Care



Materials



Real Estate



Technology



Utilities

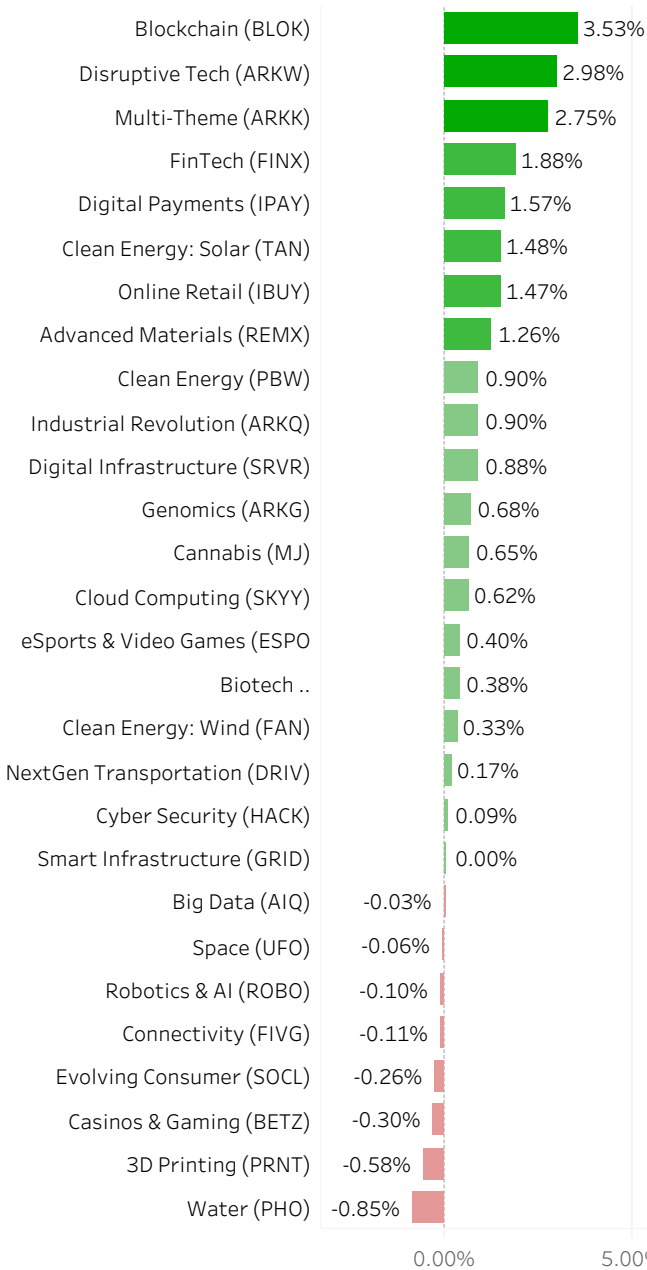


Multi-Sector

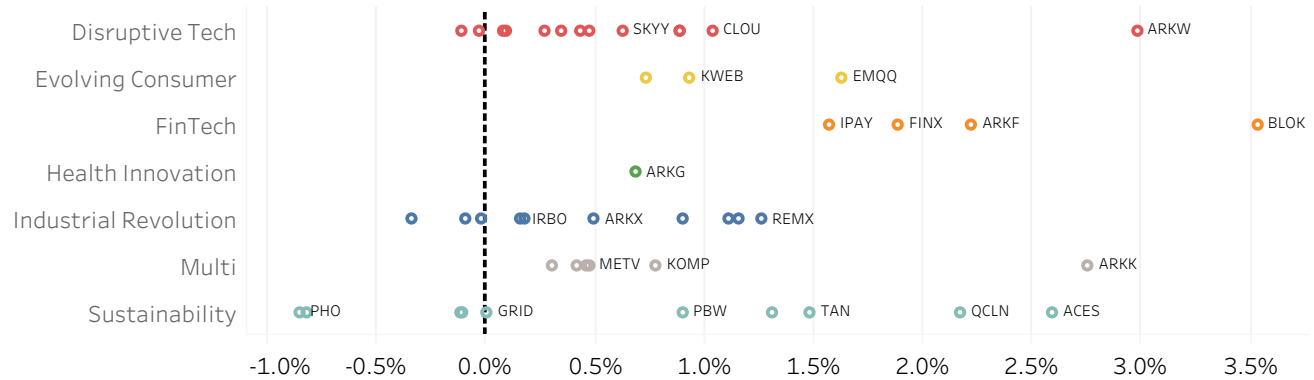


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

| Ticker | Fund | Performance |
|--------|---|-------------|
| DAPP | VanEck Digital Transformation ETF | 8.20% |
| BKCH | Global X Blockchain ETF | 7.92% |
| BITQ | Bitwise Crypto Industry Innovators ETF | 5.93% |
| BLOK | Amplify Transformational Data Sharing ETF | 3.53% |
| ARKW | ARK Next Generation Internet ETF | 2.98% |
| ARKK | ARK Innovation ETF | 2.75% |
| ONLN | ProShares Online Retail ETF | 2.62% |
| ACES | ALPS Clean Energy ETF | 2.59% |
| ARKF | ARK Fintech Innovation ETF | 2.22% |
| QCLN | First Trust Nasdaq Clean Edge Green Energy Index Fund | 2.17% |

Thematic Most Overbought

| Ticker | Fund | Value |
|--------|--|-------|
| ARKF | ARK Fintech Innovation ETF | 77.85 |
| PIO | Invesco Global Water ETF | 76.82 |
| ARKW | ARK Next Generation Internet ETF | 75.75 |
| BKCH | Global X Blockchain ETF | 73.56 |
| FINX | Global X FinTech ETF | 73.15 |
| TECB | iShares U.S. Tech Breakthrough Multisector ETF | 73.08 |
| KLDW | Knowledge Leaders Developed World ETF | 72.16 |
| BLOK | Amplify Transformational Data Sharing ETF | 72.10 |
| BUG | Global X Cybersecurity ETF | 71.99 |
| IHAK | iShares Cybersecurity & Tech ETF | 71.80 |

Global Thematic 1-Day Performance Laggards

| Ticker | Fund | Performance |
|--------|--|-------------|
| EVX | VanEck Environmental Services ETF | -1.15% |
| PHO | Invesco Water Resources ETF | -0.85% |
| FIW | First Trust Water ETF | -0.82% |
| PRNT | 3D Printing ETF | -0.58% |
| HTEC | ROBO Global Healthcare Technology and Innovation E.. | -0.46% |
| AGNG | Global X Aging Population ETF | -0.37% |
| BOTZ | Global X Robotics & Artificial Intelligence ETF | -0.34% |
| BETZ | Roundhill Sports Betting & iGaming ETF | -0.30% |
| SOCL | Global X Social Media ETF | -0.26% |
| SAMT | Strategas Macro Thematic Opportunities ETF | -0.19% |

Thematic Most Oversold

| Ticker | Fund | Value |
|--------|---|-------|
| KGRN | KraneShares MSCI China Clean Technology Index ETF | 42.63 |
| LIT | Global X Lithium & Battery Tech ETF | 43.67 |
| REMX | VanEck Rare Earth/Strategic Metals ETF | 43.73 |
| PBW | Invesco WilderHill Clean Energy ETF | 43.78 |
| KARS | KraneShares Electric Vehicles & Future Mobility Index ETF | 47.00 |
| CTEC | Global X CleanTech ETF | 47.15 |
| BATT | Amplify Lithium & Battery Technology ETF | 47.74 |
| ACES | ALPS Clean Energy ETF | 48.59 |
| TAN | Invesco Solar ETF | 49.50 |
| MJ | ETFMG Alternative Harvest ETFMG Alternative Harvest | 50.18 |

* 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 |
|--------|--|-------|
| BOTZ | Global X Robotics & Artificial Intelligence ETF | \$36M |
| TAN | Invesco Solar ETF | \$30M |
| AIQ | Global X Artificial Intelligence & Technology ETF | \$23M |
| WCLD | WisdomTree Cloud Computing Fund | \$13M |
| ARKG | ARK Genomic Revolution ETF | \$7M |
| IRBO | iShares Robotics and Artificial Intelligence Multisector ETF | \$6M |
| ARKW | ARK Next Generation Internet ETF | \$6M |
| FIVG | Defiance Next Gen Connectivity ETF | \$5M |
| WTAI | WisdomTree Artificial Intelligence and Innovation Fund | \$4M |
| BLOK | Amplify Transformational Data Sharing ETF | \$3M |

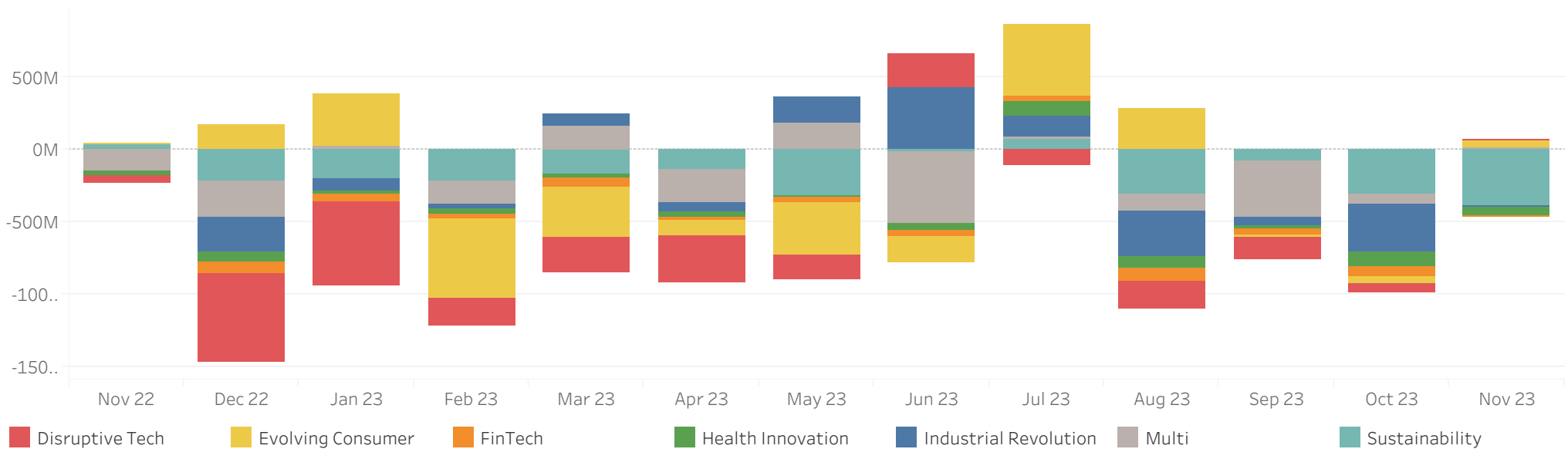
Thematic 1 Week Flow Laggards

| Ticker | Fund | Flow |
|--------|---|----------|
| ARKK | ARK Innovation ETF | (\$124M) |
| LIT | Global X Lithium & Battery Tech ETF | (\$40M) |
| ACES | ALPS Clean Energy ETF | (\$29M) |
| PBW | Invesco WilderHill Clean Energy ETF | (\$13M) |
| ICLN | iShares Global Clean Energy ETF | (\$12M) |
| XT | iShares Exponential Technologies ETF | (\$8M) |
| EDOC | Global X Telemedicine & Digital Health ETF Registered | (\$7M) |
| SKYY | First Trust Cloud Computing ETF | (\$4M) |
| CGW | Invesco S&P Global Water Index ETF | (\$4M) |
| IDRV | iShares Self-driving EV & Tech ETF | (\$3M) |

Thematic Landscape Assets & Flows

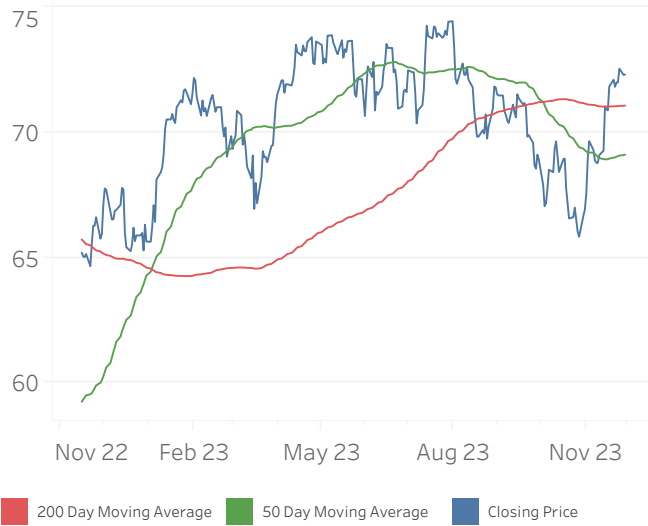
| Segment | Funds | AUM | 1 Week | 3 Month | 6 Month | 1 Year |
|-----------------------|------------|--------------|----------------|-------------------|-------------------|-------------------|
| Disruptive Tech | 34 | \$17B | \$25M | (\$202M) | (\$260M) | (\$2,429M) |
| Evolving Consumer | 37 | \$9B | \$0M | (\$19M) | \$567M | (\$255M) |
| FinTech | 17 | \$3B | \$4M | (\$115M) | (\$203M) | (\$485M) |
| Health Innovation | 18 | \$2B | (\$13M) | (\$203M) | (\$239M) | (\$479M) |
| Industrial Revolution | 30 | \$10B | \$3M | (\$400M) | (\$31M) | (\$281M) |
| Multi | 35 | \$15B | (\$40M) | (\$382M) | (\$1,037M) | (\$1,487M) |
| Sustainability | 40 | \$12B | (\$61M) | (\$776M) | (\$1,077M) | (\$2,274M) |
| Grand Total | 211 | \$68B | (\$82M) | (\$2,096M) | (\$2,282M) | (\$7,691M) |

Thematic Monthly Flows

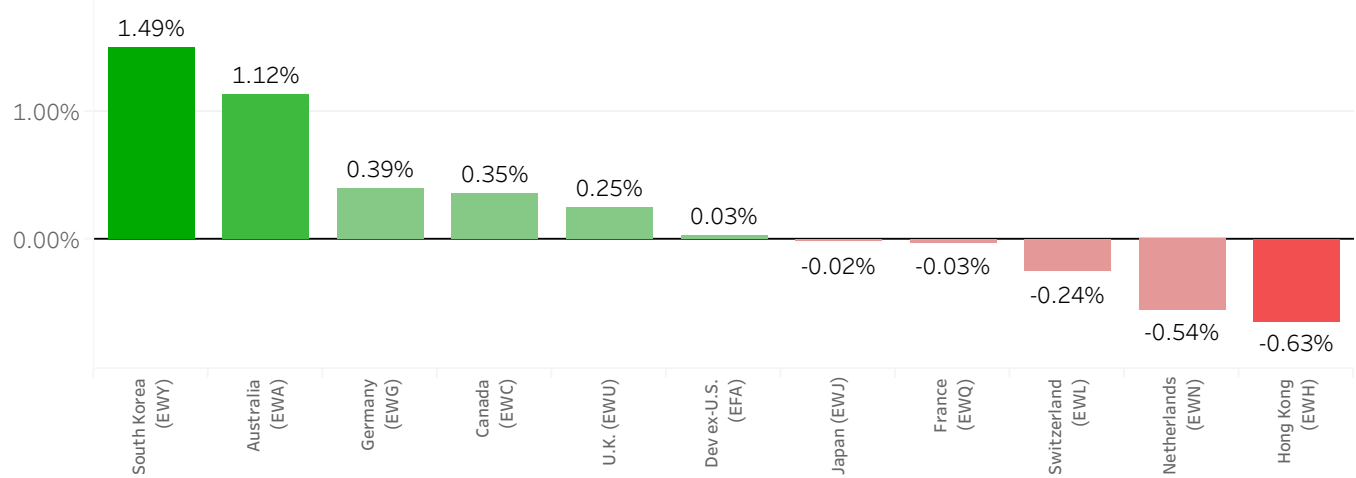


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

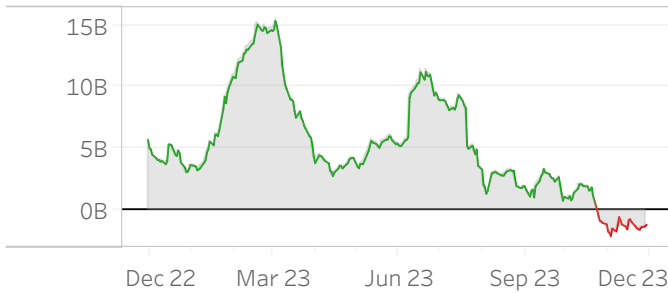
Developed ex-U.S. (EFA)



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



Developed ex-U.S. 30-Day Rolling Flows



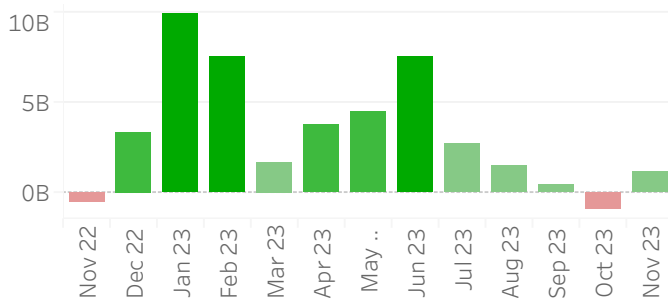
Developed ex-U.S. 1-Day Performance Leaders

| Ticker | Fund | 1-Day Performance |
|--------|-------------------------------------|-------------------|
| FLKR | Franklin FTSE South Korea ETF | 1.49% |
| EWY | iShares MSCI South Korea ETF | 1.49% |
| MINV | Matthews Asia Innovators Active ETF | 1.46% |
| ENZL | iShares MSCI New Zealand ETF | 1.31% |
| EWA | iShares MSCI Australia ETF | 1.12% |
| EIS | iShares MSCI Israel ETF | 1.12% |
| ISRA | VanEck Israel ETF | 1.01% |
| EWO | iShares MSCI Austria ETF | 0.78% |
| EWP | iShares MSCI Spain ETF | 0.73% |
| EPP | iShares MSCI Pacific ex-Japan ETF | 0.71% |

Developed ex-U.S. Most Overbought

| Ticker | Fund | Price |
|--------|--|-------|
| EWP | iShares MSCI Spain ETF | 79.58 |
| EWG | iShares MSCI Germany ETF | 75.18 |
| DAX | Global X DAX Germany ETF | 74.75 |
| IDOG | ALPS International Sector Dividend Dogs ETF | 74.30 |
| FICS | First Trust International Developed Capital Strength ETF | 73.95 |
| EWD | iShares MSCI Sweden ETF | 73.41 |
| EZU | iShares MSCI Eurozone ETF | 72.88 |
| TOK | iShares MSCI Kokusai ETF | 72.68 |
| FEZ | SPDR EURO STOXX 50 ETF | 72.48 |
| IMOM | Alpha Architect International Quantitative Momentum ETF | 72.22 |

Developed ex-U.S. Monthly Flows



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

| Ticker | Fund | 1-Day Performance |
|--------|---|-------------------|
| EDEN | iShares MSCI Denmark ETF | -1.27% |
| HEWJ | iShares Currency Hedged MSCI Japan ETF | -0.87% |
| DBJP | Xtrackers MSCI Japan Hedged Equity ETF | -0.73% |
| DXJ | WisdomTree Japan Hedged Equity Fund | -0.72% |
| NORW | Global X MSCI Norway ETF | -0.64% |
| EWH | iShares MSCI Hong Kong ETF | -0.63% |
| EWN | iShares MSCI Netherlands ETF | -0.54% |
| IHDG | WisdomTree International Hedged Quality Dividend Grow.. | -0.50% |
| HEFA | iShares Currency Hedged MSCI EAFE ETF | -0.42% |
| BKCI | BNY Mellon Concentrated International ETF | -0.40% |

Developed ex-U.S. Most Oversold

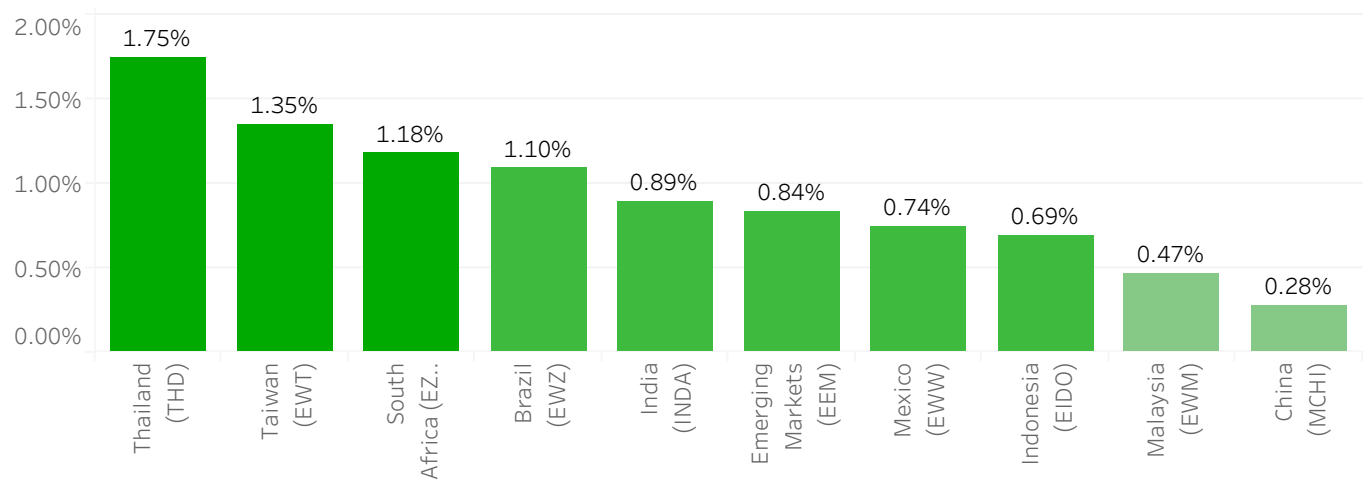
| Ticker | Fund | Price |
|--------|--|-------|
| EWH | iShares MSCI Hong Kong ETF | 47.58 |
| EWS | iShares MSCI Singapore ETF | 49.60 |
| DXJ | WisdomTree Japan Hedged Equity Fund | 55.05 |
| HEWJ | iShares Currency Hedged MSCI Japan ETF | 55.54 |
| AIA | iShares Asia 50 ETF | 56.19 |
| DBJP | Xtrackers MSCI Japan Hedged Equity ETF | 56.33 |
| DXJS | WisdomTree Japan Hedged SmallCap Equity Fund | 58.53 |
| MINV | Matthews Asia Innovators Active ETF | 59.03 |
| EWJV | iShares MSCI Japan Value ETF | 59.12 |
| DBEF | Xtrackers MSCI EAFE Hedged Equity ETF | 59.50 |

* 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)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



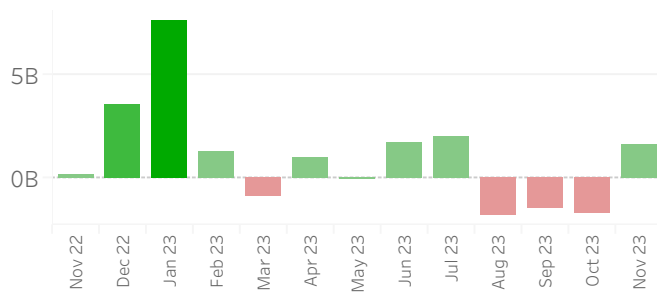
Emerging 1-Day Performance Leaders

| Ticker | Fund | Performance |
|--------|---|-------------|
| EPOL | iShares MSCI Poland ETF | 2.53% |
| THD | iShares MSCI Thailand ETF | 1.75% |
| EWZS | iShares MSCI Brazil Small-Cap ETF | 1.71% |
| DGRE | WisdomTree Emerging Markets Quality Dividend Growth | 1.44% |
| FLTW | Franklin FTSE Taiwan ETF | 1.39% |
| FRDM | Freedom 100 Emerging Markets ETF | 1.38% |
| EWT | iShares MSCI Taiwan ETF | 1.35% |
| PIN | Invesco India ETF | 1.30% |
| AVEM | Avantis Emerging Markets Equity ETF | 1.26% |
| FLBR | Franklin FTSE Brazil ETF | 1.24% |

Emerging Most Overbought

| Ticker | Fund | Value |
|--------|---|-------|
| ARGT | Global X MSCI Argentina ETF | 75.74 |
| EPOL | iShares MSCI Poland ETF | 75.00 |
| FLTW | Franklin FTSE Taiwan ETF | 73.45 |
| EWT | iShares MSCI Taiwan ETF | 72.12 |
| FRDM | Freedom 100 Emerging Markets ETF | 71.09 |
| DVYE | iShares Emerging Markets Dividend ETF | 70.47 |
| FLLA | Franklin FTSE Latin America ETF | 70.19 |
| EWZ | iShares MSCI Brazil ETF | 70.17 |
| FLBR | Franklin FTSE Brazil ETF | 70.08 |
| EELV | Invesco S&P Emerging Markets Low Volatility ETF | 69.69 |

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

| Ticker | Fund | Performance |
|--------|---|-------------|
| FXI | iShares China Large-Cap ETF | -1.19% |
| ECNS | iShares MSCI China Small-Cap ETF | -0.47% |
| QAT | iShares MSCI Qatar ETF | -0.17% |
| PGJ | Invesco Golden Dragon China ETF | -0.08% |
| FLCH | Franklin FTSE China ETF | 0.06% |
| SMIN | iShares MSCI India Small Cap ETF | 0.09% |
| NUEM | Nuveen ESG Emerging Markets Equity ETF | 0.11% |
| EMXF | iShares ESG Advanced MSCI EM ETF | 0.20% |
| KSA | iShares MSCI Saudi Arabia ETF | 0.20% |
| HEEM | iShares Currency Hedged MSCI Emerging Markets ETF | 0.21% |

Emerging Most Oversold

| Ticker | Fund | Value |
|--------|--|-------|
| KBA | KraneShares Bosera MSCI China A 50 Connect Index | 44.46 |
| FXI | iShares China Large-Cap ETF | 44.48 |
| RAYC | Rayliant Quantamental China Equity ETF | 47.31 |
| ASHR | Xtrackers Harvest CSI 300 China A-Shares ETF | 47.87 |
| CXSE | WisdomTree China ex-State-Owned Enterprises Fund | 49.03 |
| CNYA | iShares MSCI China A ETF | 50.03 |
| MCHI | iShares MSCI China ETF | 50.43 |
| FLCH | Franklin FTSE China ETF | 50.45 |
| VNM | VanEck Vietnam ETF | 50.51 |
| GXC | SPDR S&P China ETF | 51.14 |

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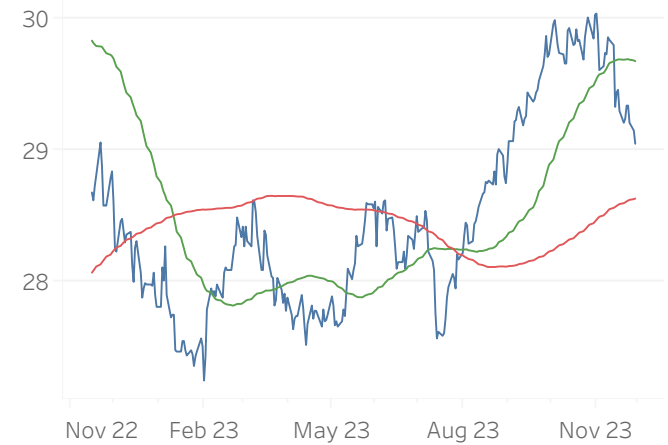
Fixed Income (AGG)



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 | 0.44% | 4.11% | 1.73% |
| SHY | 1-3 Year Treasury Bonds | 0.18% | 0.84% | 2.89% |
| IEF | 7-10 Year Treasury Bonds | 0.44% | 3.95% | -0.15% |
| TLT | 20+ Year Treasury Bonds | 0.20% | 8.79% | -5.51% |
| TIP | TIPS Bonds | 0.39% | 2.13% | 1.12% |
| FLOT | Floating Rate Bonds | 0.02% | 0.42% | 5.77% |
| LQD | Investment Grade Corporate | 0.40% | 6.79% | 4.03% |
| HYG | High Yield Corporate | 0.44% | 4.81% | 7.70% |
| BKLN | Senior Loan | 0.00% | 1.31% | 10.16% |
| PFF | Preferred & Income Securities | 0.33% | 7.16% | 4.78% |
| MUB | Municipal Bonds | 0.26% | 4.97% | 2.72% |
| MBB | MBS | 0.50% | 4.87% | 0.63% |
| EMB | Dollar Denominated EM Bonds | 0.52% | 6.39% | 5.72% |
| LEMB | Local Currency EM Bond | 0.33% | 5.32% | 4.32% |

Commodities Performance

| Ticker | Name | 1 Day | 1 Month | YTD |
|--------|-------------------------|--------|---------|---------|
| DJP | Broad Commodities | 1.06% | -3.62% | -6.73% |
| DBE | Energy | 1.25% | -7.16% | -5.40% |
| USO | WTI Crude Oil | 1.86% | -9.06% | 1.64% |
| BNO | Brent Crude Oil | 1.76% | -8.11% | 2.16% |
| UNG | Natural Gas | -4.83% | -23.33% | -60.85% |
| UGA | Gasoline | 1.90% | -3.08% | 5.54% |
| DBP | Precious Metals | 1.22% | 2.74% | 9.39% |
| GLD | Gold | 1.33% | 1.67% | 11.57% |
| SLV | Silver | 1.60% | 8.22% | 4.09% |
| PPLT | abrdn Physical Platin.. | 2.40% | 4.37% | -12.47% |
| PALL | abrdn Physical Palla.. | -1.56% | -5.97% | -41.16% |
| DBB | Base Metals | 0.75% | 2.67% | -3.24% |
| CPER | Copper | 1.14% | 5.03% | 3.07% |
| DBA | Agriculture | 1.62% | -0.50% | 8.88% |
| CORN | Corn | -0.18% | -2.98% | -19.75% |
| SOYB | Soybeans | 1.14% | 2.77% | -0.63% |
| WEAT | Wheat | 2.03% | -4.66% | -30.70% |
| CANE | Sugar | -0.11% | -0.24% | 58.69% |

Currencies Performance

| Ticker | Name | 1 Day | 1 Month | YTD |
|--------|------------------------|--------|---------|---------|
| UUP | Long Dollar | -0.34% | -3.07% | 4.46% |
| UDN | Short Dollar | 0.48% | 4.00% | 3.19% |
| FXE | Euro | 0.27% | 4.18% | 4.17% |
| FXB | British Pound Sterling | 0.58% | 5.13% | 7.85% |
| FXF | Swiss Franc | 0.25% | 2.69% | 5.01% |
| FXJ | Japanese Yen | 0.80% | 1.43% | -11.41% |
| FXC | Canadian Dollar | 0.31% | 2.40% | 1.71% |
| FXA | Australian Dollar | 0.58% | 5.02% | -1.41% |

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