

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

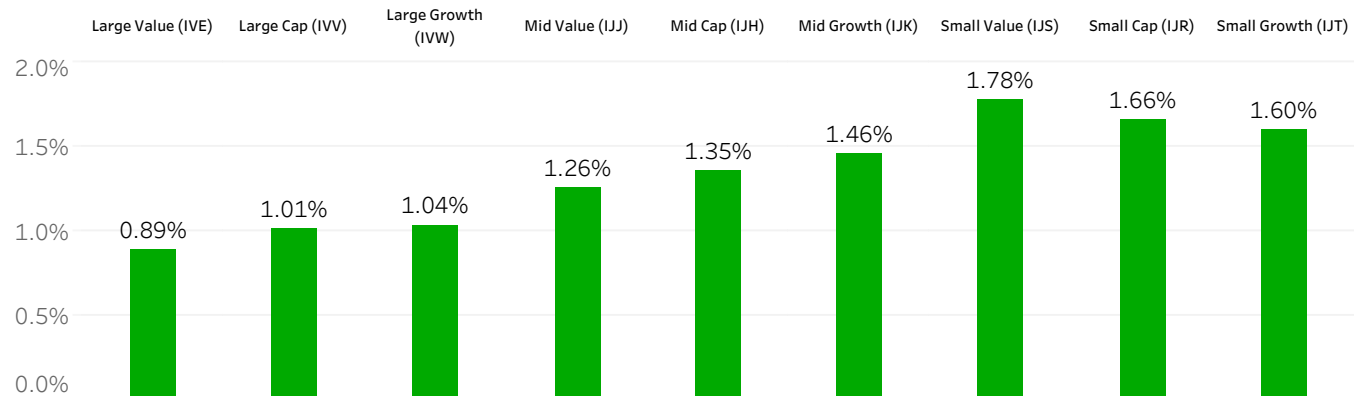


Small Cap Blend (S&P 600) IJR



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

U.S. Size & Style 1-Day Performance



Size & Style 1-Day Performance Leaders

| Ticker | Fund | 1-Day Performance |
|--------|--|-------------------|
| IWC | iShares Micro-Cap ETF | 2.29% |
| JSML | Janus Henderson Small Cap Growth Alpha ETF | 2.23% |
| SPHB | Invesco S&P 500 High Beta ETF | 2.20% |
| VBK | Vanguard Small-Cap Growth ETF | 2.08% |
| VTWG | Vanguard Russell 2000 Growth ETF | 2.05% |
| IPO | Renaissance IPO ETF | 2.01% |
| TMFS | Motley Fool Small-Cap Growth ETF | 1.97% |
| IWO | iShares Russell 2000 Growth ETF | 1.94% |
| AIEQ | AI Powered Equity ETF | 1.93% |
| FYC | First Trust Small Cap Growth AlphaDEX Fund | 1.93% |

Size & Style Most Overbought

| Ticker | Fund | Value |
|--------|---|-------|
| DEIF | Sterling Capital Diverse Multi-Manager Active ETF | 77.98 |
| LCG | Sterling Capital Focus Equity ETF | 76.17 |
| CWS | AdvisorShares Focused Equity ETF | 76.06 |
| DRUP | GraniteShares Nasdaq Select Disruptors ETF | 75.47 |
| EDOW | First Trust Dow 30 Equal Weight ETF | 74.85 |
| FDM | First Trust Dow Jones Select MicroCap Index Fund | 74.54 |
| DGRS | WisdomTree US Smallcap Quality Dividend Growth Fund | 74.41 |
| CGGR | Capital Group Growth ETF | 74.05 |
| DUSA | Davis Select U.S. Equity ETF | 74.03 |
| SPHB | Invesco S&P 500 High Beta ETF | 74.02 |

Size & Style 1-Day Performance Laggards

| Ticker | Fund | 1-Day Performance |
|--------|--|-------------------|
| SPC | CrossingBridge Pre-Merger SPAC ETF | -0.02% |
| DEIF | Sterling Capital Diverse Multi-Manager Active ETF | 0.02% |
| TMFM | Motley Fool Mid-Cap Growth ETF | 0.10% |
| CDC | VictoryShares US EQ Income Enhanced Volatility Wtd ETF | 0.32% |
| CSF | VictoryShares US Discovery Enhanced Volatility Wtd ETF | 0.41% |
| HUSV | First Trust Horizon Managed Volatility Domestic ETF | 0.42% |
| ONOF | Global X Adaptive U.S. Risk Management ETF | 0.45% |
| ABEQ | Absolute Select Value ETF | 0.48% |
| WBIY | WBI Power Factor High Dividend ETF | 0.50% |
| LVHD | Franklin U.S. Low Volatility High Dividend Index ETF | 0.50% |

Size & Style Most Oversold

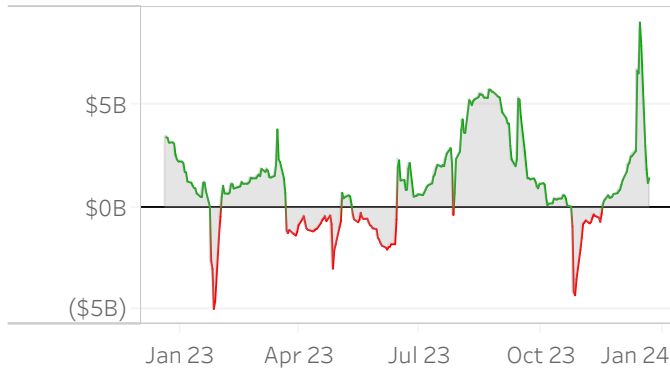
| Ticker | Fund | Value |
|--------|--|-------|
| RPHS | Regents Park Hedged Market Strategy ETF | 46.58 |
| ALTL | Pacer Lunt Large Cap Alternator ETF | 52.11 |
| SPLV | Invesco S&P 500 Low Volatility ETF | 53.14 |
| CDC | VictoryShares US EQ Income Enhanced Volatility Wtd.. | 54.87 |
| HADV | iShares Core High Dividend ETF | 55.63 |
| USMV | iShares MSCI USA Min Vol Factor ETF | 55.68 |
| NULV | Nuveen ESG Large-Cap Value ETF | 56.72 |
| HUSV | First Trust Horizon Managed Volatility Domestic ETF | 56.83 |
| LSAT | Leadershares Alphafactor Tactical Focused ETF | 57.94 |
| LGLV | SPDR SSGA US Large Cap Low Volatility Index ETF | 58.07 |

*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 | \$1,642B | \$20.57B | \$89.13B | \$125.89B | \$141.09B |
| Large Cap, Beta, Beta: Growth | 10 | \$316B | (\$2.48B) | \$11.33B | \$13.17B | \$17.56B |
| Large Cap, Beta, Beta: Value | 11 | \$238B | (\$12.92B) | \$5.46B | \$2.48B | (\$0.28B) |
| Mid Cap, Beta, Beta | 10 | \$207B | (\$3.15B) | (\$0.41B) | \$4.71B | \$7.58B |
| Mid Cap, Beta, Beta: Growth | 6 | \$39B | (\$0.08B) | \$0.87B | \$1.13B | \$1.08B |
| Mid Cap, Beta, Beta: Value | 6 | \$40B | (\$2.57B) | (\$0.33B) | (\$0.95B) | (\$2.59B) |
| Small Cap, Beta, Beta | 11 | \$226B | \$2.97B | \$11.39B | \$13.49B | \$17.05B |
| Small Cap, Beta, Beta: Growth | 7 | \$36B | (\$0.12B) | \$1.10B | \$1.21B | \$1.04B |
| Small Cap, Beta, Beta: Value | 7 | \$53B | (\$1.72B) | \$0.49B | \$0.04B | (\$1.15B) |

U.S. Size & Style Flow Leaders

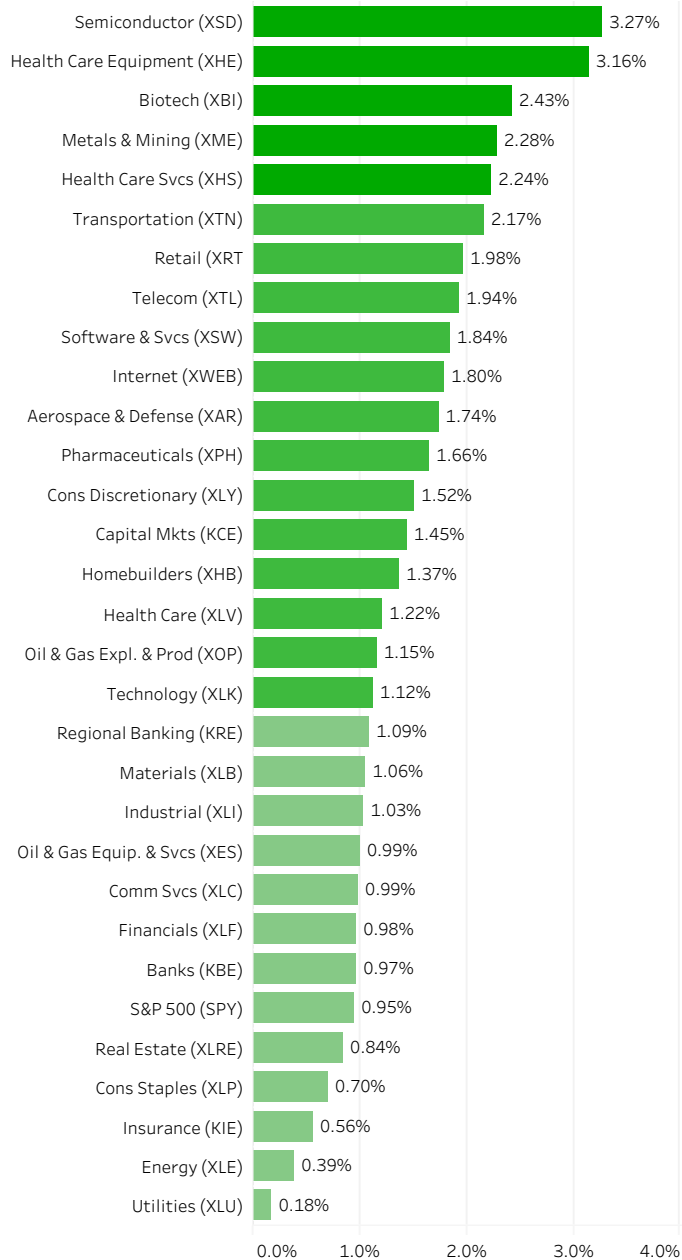
| Ticker | Fund | 1 Week | 3 Month | 6 Month | 1 Year | AUM |
|--------|---|----------|----------|-----------|-----------|-----------|
| SPY | SPDR S&P 500 ETF Trust | \$32.94B | \$52.49B | \$46.90B | \$45.36B | \$488.28B |
| IWM | iShares Russell 2000 ETF | \$2.67B | \$7.69B | \$6.64B | \$5.03B | \$64.27B |
| IJR | iShares Core S&P Small Cap ETF | \$0.41B | \$0.71B | \$2.04B | \$2.74B | \$75.30B |
| RSP | Invesco S&P 500 Equal Weight ETF | \$0.41B | \$4.08B | \$8.45B | \$12.38B | \$48.11B |
| IWF | iShares Russell 1000 Growth ETF | \$0.41B | \$3.59B | \$2.64B | (\$0.59B) | \$80.77B |
| VTWO | Vanguard Russell 2000 ETF | \$0.35B | \$0.77B | \$0.77B | \$1.43B | \$7.59B |
| IJS | iShares S&P Small-Cap 600 Value ETF | \$0.34B | \$0.61B | \$0.53B | \$0.31B | \$7.73B |
| DIA | SPDR Dow Jones Industrial Average ETF Trust | \$0.28B | \$0.65B | \$0.28B | (\$0.41B) | \$32.18B |
| IWB | iShares Russell 1000 ETF | \$0.27B | \$0.15B | (\$0.39B) | (\$1.12B) | \$32.22B |
| SPLG | SPDR Portfolio S&P 500 ETF | \$0.25B | \$3.74B | \$4.99B | \$6.63B | \$25.08B |

U.S. Size & Style Flow Laggards

| Ticker | Fund | 1 Week | 3 Month | 6 Month | 1 Year | AUM |
|--------|-----------------------------------|-----------|-----------|-----------|-----------|-----------|
| IVE | iShares S&P 500 Value ETF | (\$7.39B) | \$0.15B | (\$0.07B) | (\$1.87B) | \$26.82B |
| IUSV | iShares Core S&P US Value ETF | (\$4.12B) | \$0.39B | \$0.34B | \$0.29B | \$15.23B |
| SPYV | SPDR Portfolio S&P 500 Value ETF | (\$3.97B) | \$1.95B | \$2.66B | \$1.94B | \$19.65B |
| VXF | Vanguard Extended Market ETF | (\$3.19B) | \$0.28B | \$0.52B | \$1.21B | \$17.26B |
| VUG | Vanguard Growth ETF | (\$2.55B) | \$2.25B | \$2.20B | \$4.27B | \$103.29B |
| IJH | iShares Core S&P Mid-Cap ETF | (\$1.87B) | (\$2.24B) | \$2.81B | \$3.66B | \$75.20B |
| IJJ | iShares S&P Mid-Cap 400 Value ETF | (\$1.62B) | (\$0.15B) | (\$0.39B) | (\$0.91B) | \$7.23B |
| VOO | Vanguard S&P 500 ETF | (\$1.37B) | \$11.48B | \$28.08B | \$41.47B | \$365.59B |
| VO | Vanguard Mid-Cap ETF | (\$1.32B) | \$0.97B | \$1.68B | \$2.24B | \$58.30B |
| SLYV | SPDR S&P 600 Small Cap Value ETF | (\$1.12B) | (\$0.18B) | (\$0.12B) | (\$0.39B) | \$3.89B |

* 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) |
|--------|--|-----------------|----------------|--------------------|---------------------|-----------|
| XLC | Communication Services Select Sector SPDR Fund | 0.00% | 46.61% | 5.51% | 12.06% | 66.82 |
| XLY | Consumer Discretionary Select Sector SPDR Fund | -0.33% | 40.12% | 9.48% | 12.19% | 72.82 |
| XLK | Technology Select Sector SPDR Fund | -0.41% | 58.28% | 7.38% | 14.66% | 67.47 |
| SPY | SPDR S&P 500 ETF Trust | -0.45% | 24.60% | 6.10% | 9.02% | 68.08 |
| XLI | Industrial Select Sector SPDR Fund | -0.60% | 16.75% | 7.49% | 8.61% | 68.58 |
| XLB | Materials Select Sector SPDR Fund | -0.76% | 14.25% | 6.69% | 6.00% | 65.24 |
| XLF | Financial Select Sector SPDR Fund | -0.83% | 20.27% | 7.56% | 10.64% | 67.28 |
| XLV | Health Care Select Sector SPDR Fund | -1.39% | 9.10% | 3.62% | 2.39% | 60.22 |
| XLRE | Real Estate Select Sector SPDR Fund | -5.40% | 22.93% | 10.27% | 8.47% | 66.72 |
| XLP | Consumer Staples Select Sector SPDR Fund | -8.80% | 6.74% | 1.84% | -2.60% | 51.64 |
| XLE | Energy Select Sector SPDR Fund | -9.24% | 10.63% | -0.59% | 0.25% | 52.93 |
| XLU | Utilities Select Sector SPDR Fund | -13.42% | 11.07% | 1.28% | -3.18% | 46.85 |

Sector & Industry 1 Day Performance Leaders

| Ticker | Fund | 1 Day Performance (%) |
|--------|--------------------------------------|-----------------------|
| PSCH | Invesco S&P SmallCap Health Care ETF | 3.69% |
| XSD | SPDR S&P Semiconductor ETF | 3.27% |
| PSI | Invesco Semiconductors ETF | 3.23% |
| XHE | SPDR S&P Health Care Equipment ETF | 3.16% |
| SOXX | iShares Semiconductor ETF | 2.77% |
| SOXQ | Invesco PHLX Semiconductor ETF | 2.72% |
| FTXL | First Trust Nasdaq Semiconductor ETF | 2.63% |
| XBI | SPDR S&P BIOTECH ETF | 2.43% |
| XME | SPDR S&P Metals & Mining ETF | 2.28% |
| XHS | SPDR S&P Health Care Services ETF | 2.24% |

Sector & Industry Most Overbought

| Ticker | Fund | RSI (14D) |
|--------|--|-----------|
| PEZ | Invesco Dorsey Wright Consumer Cyclical Momentum E.. | 77.42 |
| FDN | First Trust Dow Jones Internet Index Fund | 76.97 |
| KCE | SPDR S&P Capital Markets ETF | 75.90 |
| XHB | SPDR S&P Homebuilders ETF | 75.78 |
| INDS | Pacer Industrial Real Estate ETF | 75.50 |
| ITB | iShares U.S. Home Construction ETF | 75.43 |
| PKB | Invesco Building & Construction ETF | 74.45 |
| PAVE | Global X U.S. Infrastructure Development ETF | 74.34 |
| PSCI | Invesco S&P SmallCap Industrials ETF | 74.18 |
| VCR | Vanguard Consumer Discretionary ETF | 74.05 |

Sector & Industry 1 Day Performance Laggards

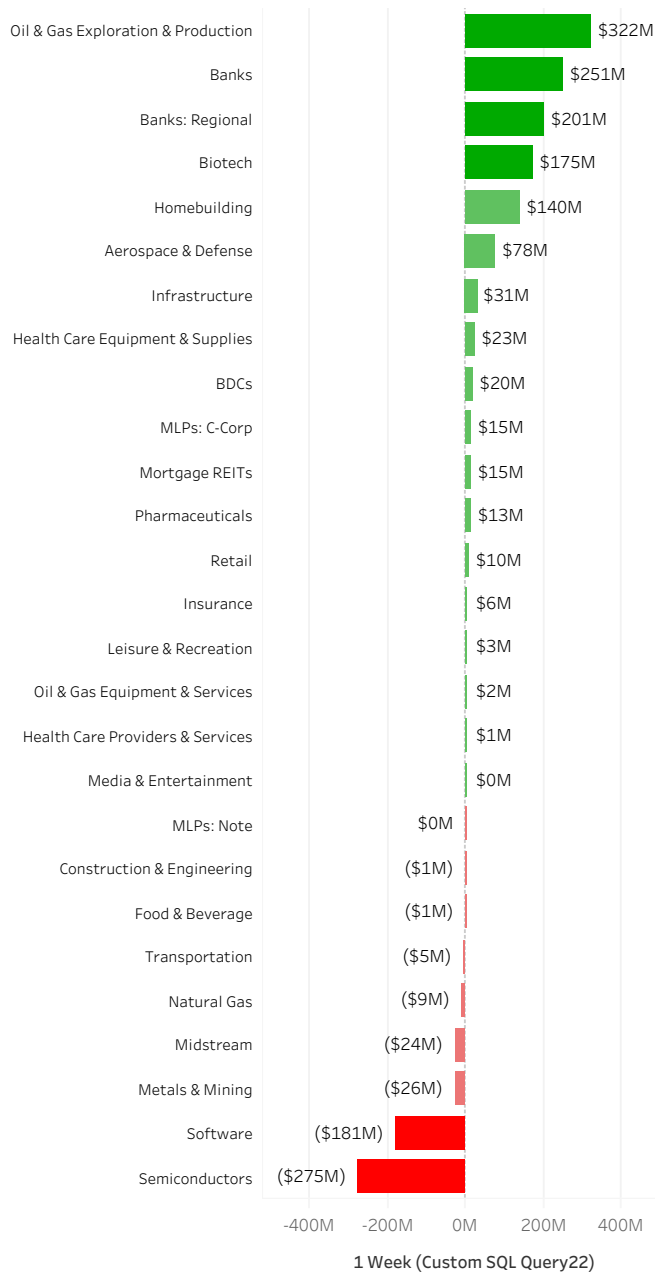
| Ticker | Fund | 1 Day Performance (%) |
|--------|---|-----------------------|
| XLU | Utilities Select Sector SPDR Fund | 0.18% |
| IDU | iShares U.S. Utilities ETF | 0.24% |
| BIZD | VanEck BDC Income ETF | 0.24% |
| VPU | Vanguard Utilities ETF | 0.28% |
| FUTY | Fidelity MSCI Utilities Index ETF | 0.29% |
| RSPU | Invesco S&P 500 Equal Weight Utilities ETF | 0.32% |
| KBWP | Invesco KBW Property & Casualty Insurance ETF | 0.37% |
| XLE | Energy Select Sector SPDR Fund | 0.39% |
| IYE | iShares U.S. Energy ETF | 0.50% |
| EMLP | First Trust North American Energy Infrastructure Fund | 0.51% |

Sector & Industry Most Oversold

| Ticker | Fund | RSI (14D) |
|--------|---|-----------|
| KBWP | Invesco KBW Property & Casualty Insurance ETF | 45.06 |
| MLPA | Global X MLP ETF | 46.80 |
| XLU | Utilities Select Sector SPDR Fund | 46.85 |
| RSPU | Invesco S&P 500 Equal Weight Utilities ETF | 47.36 |
| VPU | Vanguard Utilities ETF | 47.65 |
| IYK | iShares U.S. Consumer Staples ETF | 47.71 |
| IDU | iShares U.S. Utilities ETF | 48.54 |
| FUTY | Fidelity MSCI Utilities Index ETF | 49.08 |
| KIE | SPDR S&P Insurance ETF | 49.29 |
| IAK | iShares U.S. Insurance ETF | 51.01 |

* 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 | \$21B | \$145M | \$1,234M | \$2,067M | \$3,702M |
| Consumer Discretionary | 12 | \$29B | (\$70M) | (\$402M) | \$1,328M | \$2,909M |
| Consumer Staples | 10 | \$25B | (\$74M) | (\$2,704M) | (\$3,904M) | (\$3,367M) |
| Energy | 30 | \$71B | (\$46M) | \$421M | \$2,100M | (\$8,014M) |
| Financials | 26 | \$60B | \$173M | \$124M | (\$1,993M) | (\$915M) |
| Health Care | 23 | \$85B | (\$22M) | (\$3,658M) | (\$5,924M) | (\$10,156M) |
| Industrial | 13 | \$36B | (\$4M) | (\$374M) | \$479M | \$1,544M |
| Materials | 9 | \$12B | (\$70M) | (\$1,137M) | (\$1,910M) | (\$2,564M) |
| Multi-Sector | 17 | \$20B | (\$239M) | (\$319M) | \$828M | \$2,348M |
| Real Estate | 25 | \$60B | \$395M | \$1,839M | \$2,285M | (\$1,680M) |
| Technology | 23 | \$173B | (\$716M) | \$5,136M | \$5,575M | \$5,347M |
| Utilities | 9 | \$21B | \$3M | (\$1,135M) | (\$1,943M) | (\$1,736M) |

U.S. Sector & Industry Flow Leaders

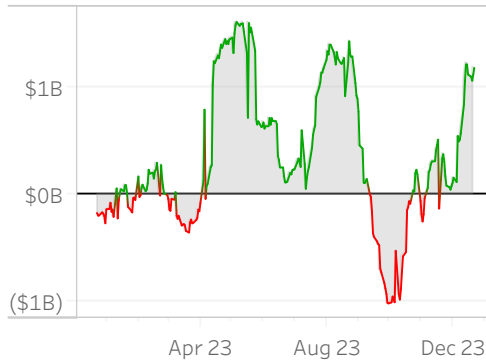
| Ticker | Fund | 1 Week | 3 Month | 6 Month | 1 Year | AUM |
|--------|---|--------|----------|----------|------------|-----------|
| XOP | SPDR S&P Oil & Gas Exploration & Production E.. | \$324M | \$138M | (\$13M) | (\$1,147M) | \$3,582M |
| KRE | SPDR S&P Regional Banking ETF | \$184M | \$590M | \$83M | \$1,131M | \$3,940M |
| KBE | SPDR S&P Bank ETF | \$182M | \$518M | \$224M | \$184M | \$1,909M |
| XBI | SPDR S&P BIOTECH ETF | \$155M | \$373M | \$384M | (\$1,221M) | \$6,836M |
| XLRE | Real Estate Select Sector SPDR Fund | \$135M | \$735M | \$733M | \$293M | \$5,529M |
| VNQ | Vanguard Real Estate ETF | \$123M | (\$759M) | (\$251M) | (\$1,843M) | \$33,241M |
| XLC | Communication Services Select Sector SPDR Fu.. | \$123M | \$1,322M | \$1,796M | \$3,574M | \$16,009M |
| XHB | SPDR S&P Homebuilders ETF | \$95M | \$205M | \$85M | \$358M | \$1,709M |
| KBWB | Invesco KBW Bank ETF | \$68M | (\$256M) | \$144M | \$120M | \$1,614M |
| IYR | iShares U.S. Real Estate ETF | \$63M | \$1,385M | \$1,323M | \$172M | \$4,412M |

U.S. Sector & Industry Flow Laggards

| Ticker | Fund | 1 Week | 3 Month | 6 Month | 1 Year | AUM |
|--------|--|----------|------------|------------|------------|-----------|
| FDN | First Trust Dow Jones Internet Index Fund | (\$413M) | (\$537M) | (\$62M) | \$496M | \$5,874M |
| XLE | Energy Select Sector SPDR Fund | (\$347M) | \$523M | \$1,494M | (\$2,446M) | \$36,466M |
| XLF | Financial Select Sector SPDR Fund | (\$324M) | (\$491M) | (\$2,340M) | (\$995M) | \$32,915M |
| SOXX | iShares Semiconductor ETF | (\$253M) | (\$118M) | \$355M | \$319M | \$9,814M |
| IGV | iShares Expanded Tech-Software Sector ETF | (\$181M) | (\$234M) | (\$34M) | \$276M | \$7,380M |
| XLV | Health Care Select Sector SPDR Fund | (\$151M) | (\$2,412M) | (\$3,880M) | (\$4,122M) | \$36,949M |
| XLI | Industrial Select Sector SPDR Fund | (\$99M) | (\$622M) | (\$159M) | (\$14M) | \$15,366M |
| XLY | Consumer Discretionary Select Sector SPDR Fu.. | (\$88M) | (\$209M) | \$1,184M | \$1,886M | \$19,397M |
| XLB | Materials Select Sector SPDR Fund | (\$72M) | (\$513M) | (\$1,011M) | (\$618M) | \$5,020M |
| XNTK | SPDR NYSE Technology ETF | (\$67M) | \$11M | \$37M | \$41M | \$641M |

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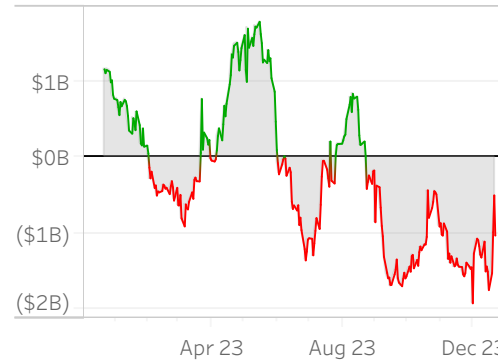
Communication Services



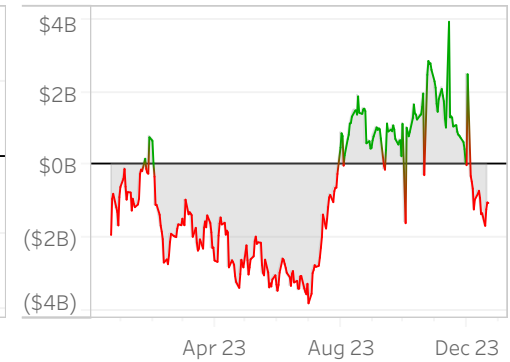
Consumer Discretionary



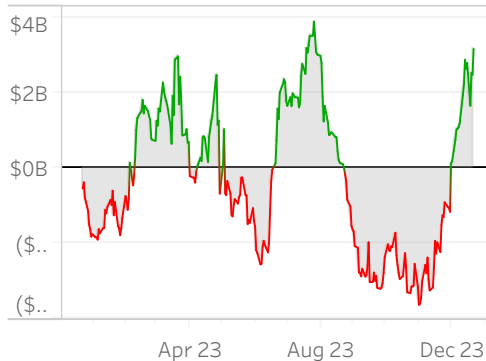
Consumer Staples



Energy



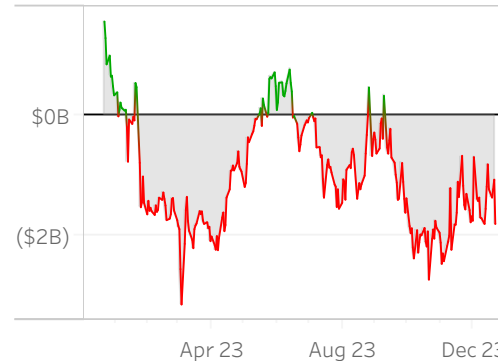
Financials



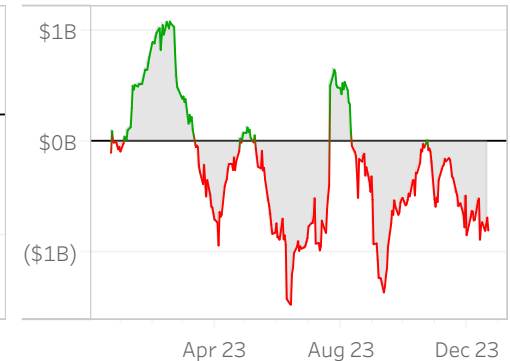
Industrial



Health Care



Materials



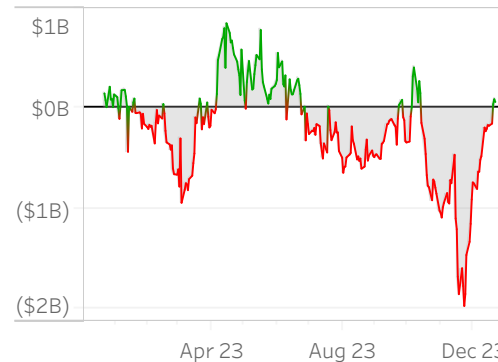
Real Estate



Technology



Utilities

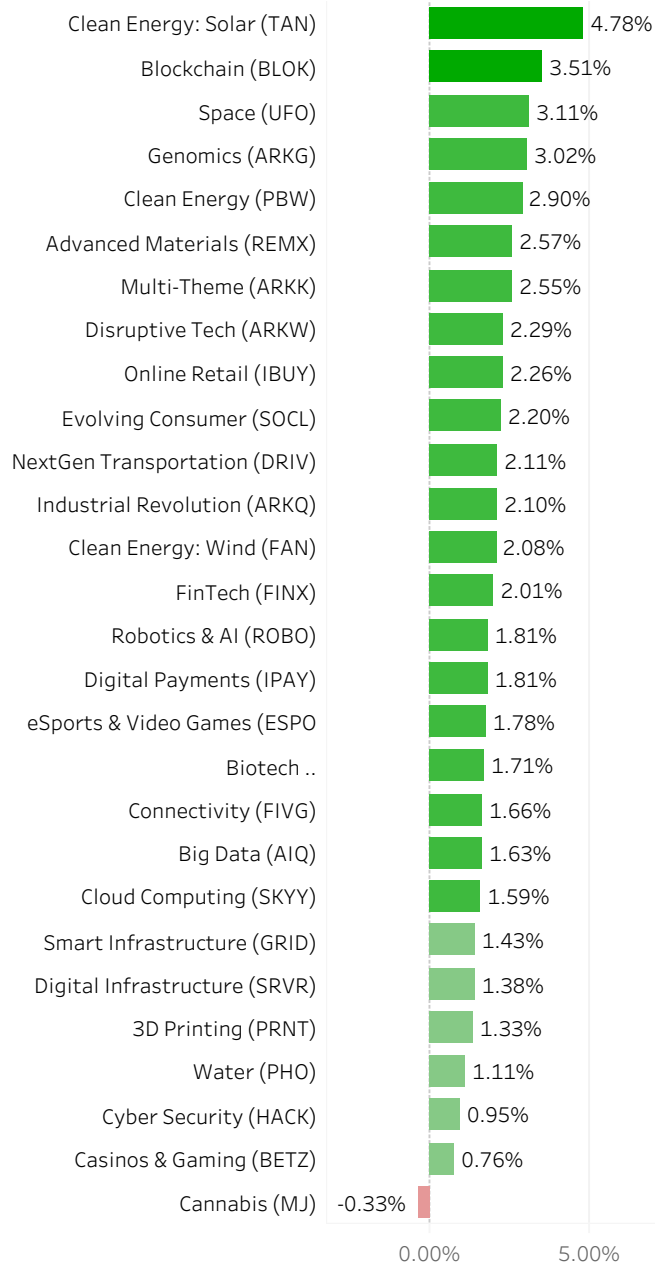


Multi-Sector

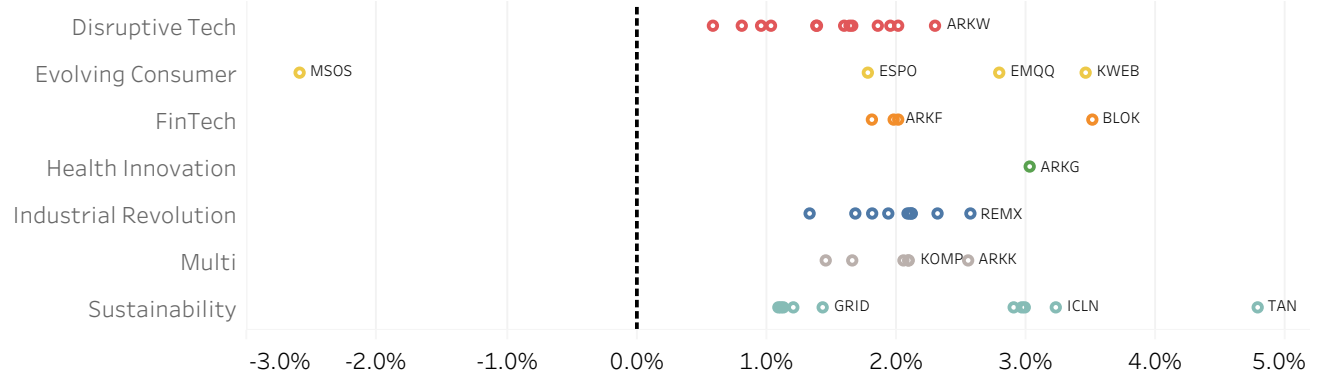


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

| Ticker | Fund | 1-Day Performance |
|--------|---|-------------------|
| BKCH | Global X Blockchain ETF | 7.56% |
| DAPP | VanEck Digital Transformation ETF | 7.46% |
| BITQ | Bitwise Crypto Industry Innovators ETF | 6.43% |
| FDIG | Fidelity Crypto Industry and Digital Payments ETF | 6.11% |
| TAN | Invesco Solar ETF | 4.78% |
| CNRG | SPDR S&P Kensho Clean Power ETF | 3.54% |
| BLOK | Amplify Transformational Data Sharing ETF | 3.51% |
| KWEB | KraneShares CSI China Internet ETF | 3.45% |
| CTEC | Global X CleanTech ETF | 3.33% |
| ICLN | iShares Global Clean Energy ETF | 3.22% |

Thematic Most Overbought

| Ticker | Fund | Price |
|--------|---|-------|
| BKCH | Global X Blockchain ETF | 80.57 |
| FDIG | Fidelity Crypto Industry and Digital Payments ETF | 80.28 |
| BLOK | Amplify Transformational Data Sharing ETF | 79.94 |
| DAPP | VanEck Digital Transformation ETF | 79.53 |
| PIO | Invesco Global Water ETF | 78.48 |
| BITQ | Bitwise Crypto Industry Innovators ETF | 78.14 |
| PAWZ | ProShares Pet Care ETF | 78.01 |
| BUG | Global X Cybersecurity ETF | 76.78 |
| FINX | Global X FinTech ETF | 76.74 |
| MILN | Global X Millennial Consumer ETF | 76.38 |

Global Thematic 1-Day Performance Laggards

| Ticker | Fund | 1-Day Performance |
|--------|--|-------------------|
| MSOS | AdvisorShares Pure US Cannabis ETF | -2.60% |
| MJUS | ETFMG U.S. Alternative Harvest ETF | -1.15% |
| MJ | ETFMG Alternative Harvest ETF | -0.33% |
| BUG | Global X Cybersecurity ETF | 0.58% |
| BETZ | Roundhill Sports Betting & iGaming ETF | 0.76% |
| SAMT | Strategas Macro Thematic Opportunities ETF | 0.80% |
| IHAK | iShares Cybersecurity & Tech ETF | 0.80% |
| EVX | VanEck Environmental Services ETF | 0.87% |
| HACK | ETFMG Prime Cyber Security ETF | 0.95% |
| CIBR | First Trust NASDAQ Cybersecurity ETF | 1.03% |

Thematic Most Oversold

| Ticker | Fund | Price |
|--------|---|-------|
| MJUS | ETFMG U.S. Alternative Harvest ETF | 36.64 |
| MSOS | AdvisorShares Pure US Cannabis ETF | 38.13 |
| MJ | ETFMG Alternative Harvest ETF | 42.26 |
| KGRN | KraneShares MSCI China Clean Technology Index ETF | 42.61 |
| KWEB | KraneShares CSI China Internet ETF | 48.35 |
| KARS | KraneShares Electric Vehicles & Future Mobility Index ETF | 54.08 |
| LIT | Global X Lithium & Battery Tech ETF | 54.08 |
| IDRV | iShares Self-driving EV & Tech ETF | 55.08 |
| SAMT | Strategas Macro Thematic Opportunities ETF | 55.33 |
| REMX | VanEck Rare Earth/Strategic Metals ETF | 56.07 |

* 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 | |
|--------|--|--------|
| ARKK | ARK Innovation ETF | \$295M |
| BLOK | Amplify Transformational Data Sharing ETF | \$90M |
| ARKG | ARK Genomic Revolution ETF | \$87M |
| TAN | Invesco Solar ETF | \$41M |
| AIQ | Global X Artificial Intelligence & Technology ETF | \$18M |
| ICLN | iShares Global Clean Energy ETF | \$15M |
| FINX | Global X FinTech ETF | \$10M |
| BOTZ | Global X Robotics & Artificial Intelligence ETF | \$8M |
| WGM | Valkyrie Bitcoin Miners ETF | \$7M |
| IRBO | iShares Robotics and Artificial Intelligence Multisector ETF | \$7M |

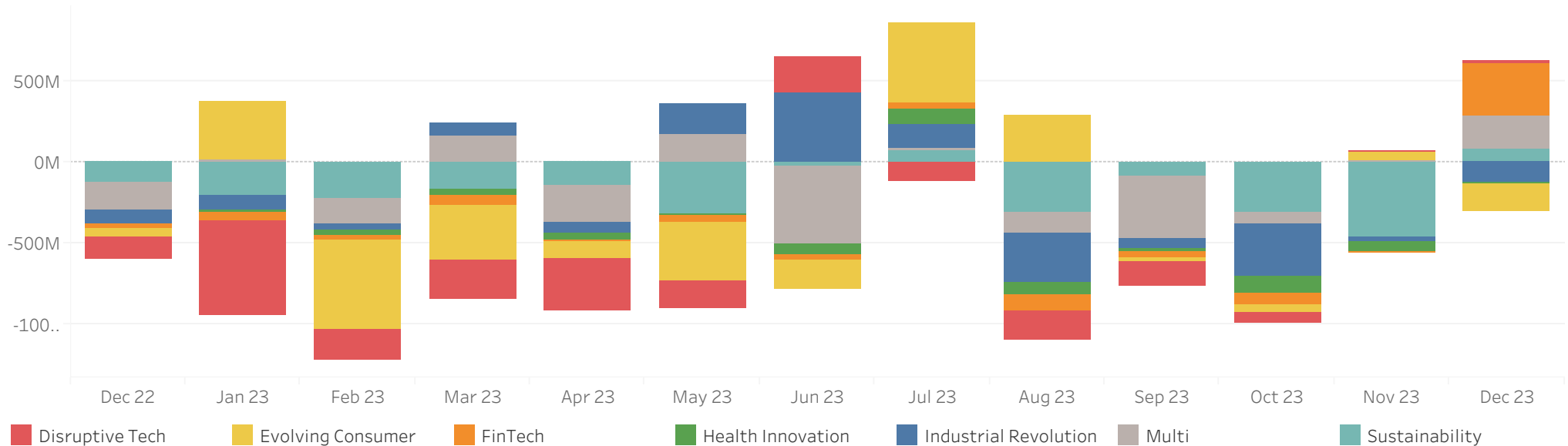
Thematic 1 Week Flow Laggards

| Ticker | Fund | |
|--------|---|---------|
| WCLD | WisdomTree Cloud Computing Fund | (\$74M) |
| LIT | Global X Lithium & Battery Tech ETF | (\$50M) |
| KWEB | KraneShares CSI China Internet ETF | (\$47M) |
| EMQQ | EMQQ The Emerging Markets Internet & Ecommerce ETF | (\$28M) |
| IBUY | Amplify Online Retail ETF | (\$16M) |
| QCLN | First Trust Nasdaq Clean Edge Green Energy Index Fund | (\$13M) |
| DRIV | Global X Autonomous & Electric Vehicles ETF | (\$12M) |
| SNSR | Global X Internet of Things ETF | (\$8M) |
| EVX | VanEck Environmental Services ETF | (\$8M) |
| NXTG | First Trust Indxx NextG ETF | (\$8M) |

Thematic Landscape Assets & Flows

| Segment | Funds | AUM | 1 Week | 3 Month | 6 Month | 1 Year |
|-----------------------|-------|-------|----------|------------|------------|------------|
| Disruptive Tech | 33 | \$18B | (\$80M) | (\$84M) | (\$515M) | (\$1,896M) |
| Evolving Consumer | 37 | \$8B | (\$71M) | (\$172M) | \$509M | (\$631M) |
| FinTech | 17 | \$4B | \$77M | \$254M | \$150M | (\$96M) |
| Health Innovation | 17 | \$3B | \$73M | (\$107M) | (\$146M) | (\$390M) |
| Industrial Revolution | 30 | \$10B | (\$121M) | (\$494M) | (\$710M) | (\$266M) |
| Multi | 35 | \$17B | \$124M | \$100M | (\$387M) | (\$1,054M) |
| Sustainability | 40 | \$13B | \$51M | (\$718M) | (\$1,051M) | (\$2,208M) |
| Grand Total | 209 | \$73B | \$54M | (\$1,220M) | (\$2,149M) | (\$6,542M) |

Thematic Monthly Flows

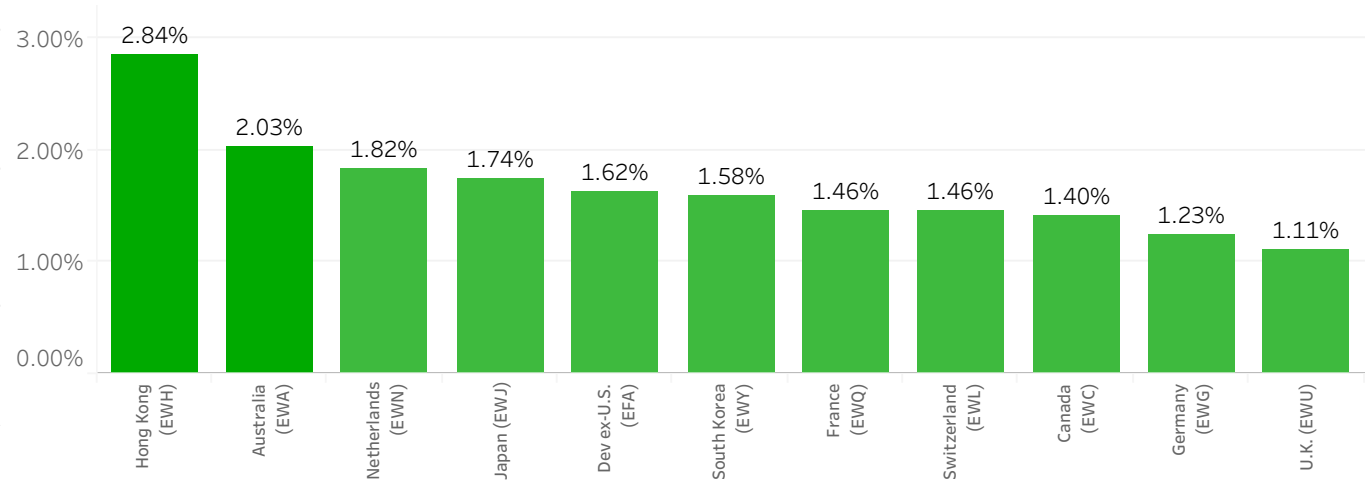


*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



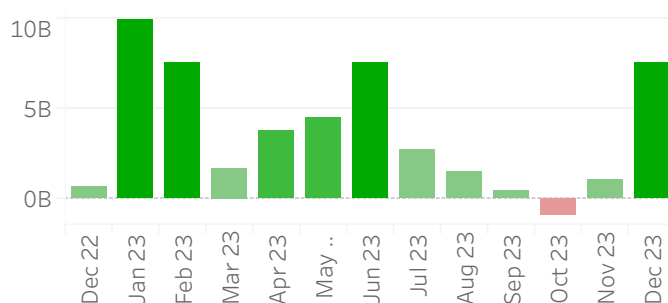
Developed ex-U.S. 1-Day Performance Leaders

| Ticker | Fund | 1-Day Performance |
|--------|---|-------------------|
| EWH | iShares MSCI Hong Kong ETF | 2.84% |
| AAXJ | iShares MSCI All Country Asia ex Japan ETF | 2.15% |
| EWS | iShares MSCI Singapore ETF | 2.11% |
| EPP | iShares MSCI Pacific ex-Japan ETF | 2.10% |
| AIA | iShares Asia 50 ETF | 2.08% |
| EWA | iShares MSCI Australia ETF | 2.03% |
| DMXF | iShares ESG Advanced MSCI EAFE ETF | 1.99% |
| BBAX | JPMorgan BetaBuilders Developed Asia Pacific-ex Japan ETF | 1.96% |
| IDV | iShares International Select Dividend ETF | 1.94% |
| VPL | Vanguard FTSE Pacific ETF | 1.94% |

Developed ex-U.S. Most Overbought

| Ticker | Fund | Value |
|--------|--|-------|
| EIS | iShares MSCI Israel ETF | 76.51 |
| EIRL | iShares MSCI Ireland ETF | 76.04 |
| IQDG | WisdomTree International Quality Dividend Growth Fund | 74.61 |
| DFE | WisdomTree Europe SmallCap Dividend Fund | 74.53 |
| FICS | First Trust International Developed Capital Strength ETF | 74.44 |
| IHDG | WisdomTree International Hedged Quality Dividend Grow.. | 74.18 |
| FDD | First Trust Stoxx European Select Dividend Index Fund | 74.01 |
| DDLS | WisdomTree Dynamic Currency Hedged International Sma.. | 73.24 |
| DLS | WisdomTree International SmallCap Dividend Fund | 73.05 |
| EUDG | WisdomTree Europe Quality Dividend Growth Fund | 72.15 |

Developed ex-U.S. Monthly Flows



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

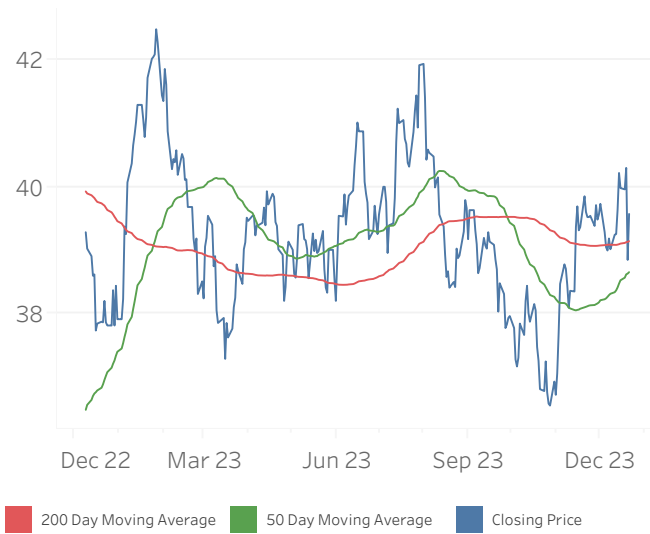
| Ticker | Fund | 1-Day Performance |
|--------|---|-------------------|
| DXJS | WisdomTree Japan Hedged SmallCap Equity Fund | 0.61% |
| DXJ | WisdomTree Japan Hedged Equity Fund | 0.64% |
| HSCZ | iShares Currency Hedged MSCI EAFE Small-Cap ETF | 0.72% |
| HEWJ | iShares Currency Hedged MSCI Japan ETF | 0.78% |
| DBEU | Xtrackers MSCI Europe Hedged Equity ETF | 0.79% |
| HEFA | iShares Currency Hedged MSCI EAFE ETF | 0.83% |
| IHDG | WisdomTree International Hedged Quality Dividend Grow.. | 0.84% |
| EIRL | iShares MSCI Ireland ETF | 0.87% |
| DBJP | Xtrackers MSCI Japan Hedged Equity ETF | 0.87% |
| DBEF | Xtrackers MSCI EAFE Hedged Equity ETF | 0.88% |

Developed ex-U.S. Most Oversold

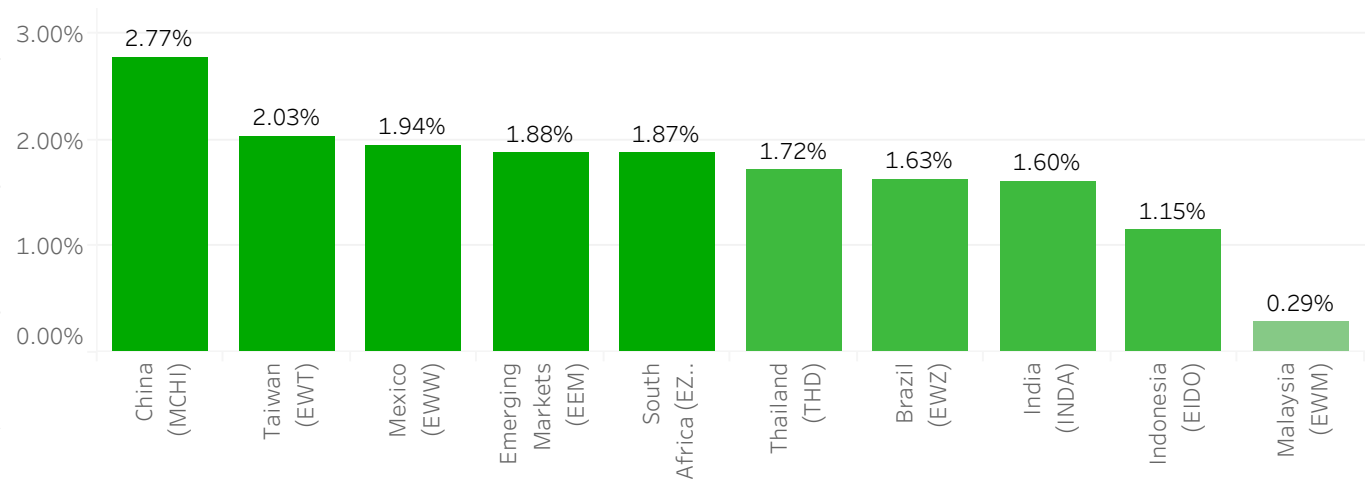
| Ticker | Fund | Value |
|--------|---|-------|
| EWJV | iShares MSCI Japan Value ETF | 46.48 |
| EWS | iShares MSCI Singapore ETF | 46.67 |
| LVHI | Franklin International Low Volatility High Dividend I.. | 46.99 |
| DXJ | WisdomTree Japan Hedged Equity Fund | 47.48 |
| BBJP | JPMorgan BetaBuilders Japan ETF | 48.56 |
| AIA | iShares Asia 50 ETF | 50.19 |
| DBJP | Xtrackers MSCI Japan Hedged Equity ETF | 50.34 |
| HEWJ | iShares Currency Hedged MSCI Japan ETF | 50.39 |
| EWH | iShares MSCI Hong Kong ETF | 50.61 |
| AAXJ | iShares MSCI All Country Asia ex Japan ETF | 51.68 |

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

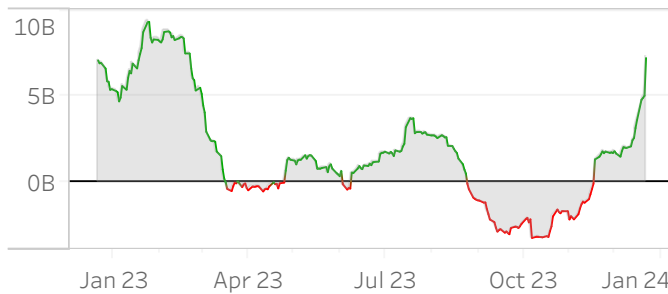
Emerging (EEM)



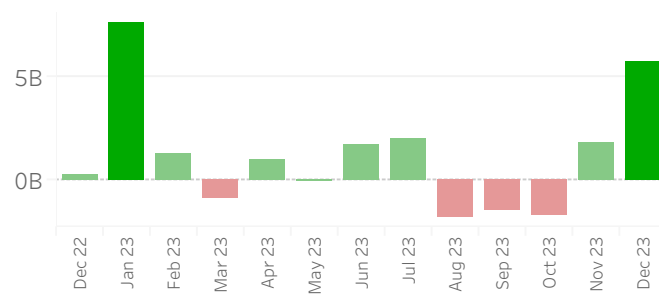
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

| Ticker | Fund | 1-Day Performance |
|--------|--|-------------------|
| FXI | iShares China Large-Cap ETF | 3.49% |
| PGJ | Invesco Golden Dragon China ETF | 2.96% |
| CXSE | WisdomTree China ex-State-Owned Enterprises Fund | 2.81% |
| MCHI | iShares MSCI China ETF | 2.77% |
| EPOL | iShares MSCI Poland ETF | 2.74% |
| FLCH | Franklin FTSE China ETF | 2.72% |
| GXC | SPDR S&P China ETF | 2.56% |
| SMIN | iShares MSCI India Small Cap ETF | 2.43% |
| FEM | First Trust Emerging Markets AlphaDEX Fund | 2.32% |
| DVYE | iShares Emerging Markets Dividend ETF | 2.31% |

Emerging Most Overbought

| Ticker | Fund | Value |
|--------|--|-------|
| ARGT | Global X MSCI Argentina ETF | 74.03 |
| EPU | iShares MSCI Peru and Global Exposure ETF | 71.53 |
| FLN | First Trust Latin America AlphaDEX Fund | 68.70 |
| EWZ | iShares MSCI Mexico ETF | 67.81 |
| FEM | First Trust Emerging Markets AlphaDEX Fund | 66.60 |
| INDY | iShares India 50 ETF | 66.52 |
| DGRE | WisdomTree Emerging Markets Quality Dividend Gro.. | 66.20 |
| ECOW | Pacer Emerging Markets Cash Cows 100 ETF | 66.06 |
| DGS | WisdomTree Emerging Markets SmallCap Dividend F.. | 65.25 |
| EPHE | iShares MSCI Philippines ETF | 65.25 |

Emerging 1-Day Performance Laggards

| Ticker | Fund | 1-Day Performance |
|--------|--|-------------------|
| EWM | iShares MSCI Malaysia ETF | 0.29% |
| EPHE | iShares MSCI Philippines ETF | 0.35% |
| KSA | iShares MSCI Saudi Arabia ETF | 0.42% |
| EELV | Invesco S&P Emerging Markets Low Volatility ETF | 0.86% |
| FLN | First Trust Latin America AlphaDEX Fund | 0.93% |
| FEMS | First Trust Emerging Markets Small Cap AlphaDEX Fund | 1.04% |
| EPU | iShares MSCI Peru and Global Exposure ETF | 1.06% |
| ECH | iShares MSCI Chile ETF | 1.06% |
| EIDO | iShares MSCI Indonesia ETF | 1.15% |
| EEMV | iShares MSCI Emerging Markets Min Vol Factor ETF | 1.21% |

Emerging Most Oversold

| Ticker | Fund | Value |
|--------|---|-------|
| CNYA | iShares MSCI China A ETF | 31.47 |
| EWT | iShares MSCI Taiwan ETF | 32.83 |
| ASHR | Xtrackers Harvest CSI 300 China A-Shares ETF | 34.04 |
| ECNS | iShares MSCI China Small-Cap ETF | 35.42 |
| KBA | KraneShares Bosera MSCI China A 50 Connect Index .. | 36.13 |
| VNM | VanEck Vietnam ETF | 38.42 |
| FXI | iShares China Large-Cap ETF | 40.67 |
| GXC | SPDR S&P China ETF | 41.36 |
| MCHI | iShares MSCI China ETF | 41.38 |
| RAYC | Rayliant Quantamental China Equity ETF | 41.97 |

*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 | -0.01% | 4.21% | 5.34% |
| SHY | 1-3 Year Treasury Bonds | 0.10% | 1.34% | 4.01% |
| IEF | 7-10 Year Treasury Bonds | -0.16% | 4.35% | 3.52% |
| TLT | 20+ Year Treasury Bonds | -0.63% | 9.94% | 2.82% |
| TIP | TIPS Bonds | -0.17% | 3.20% | 3.94% |
| FLOT | Floating Rate Bonds | 0.14% | 0.60% | 6.28% |
| LQD | Investment Grade Corporate | -0.04% | 5.96% | 9.04% |
| HYG | High Yield Corporate | 0.45% | 4.46% | 11.77% |
| BKLN | Senior Loan | 0.24% | 1.90% | 12.31% |
| PFF | Preferred & Income Securities | 0.26% | 4.87% | 9.20% |
| MUB | Municipal Bonds | 0.00% | 3.14% | 5.36% |
| MBB | MBS | 0.09% | 4.45% | 4.62% |
| EMB | Dollar Denominated EM Bonds | 0.18% | 6.05% | 10.73% |
| LEMB | Local Currency EM Bond | 0.47% | 2.64% | 6.78% |

Commodities Performance

| Ticker | Name | 1 Day | 1 Month | YTD |
|--------|-------------------------|--------|---------|---------|
| DJP | Broad Commodities | 0.41% | -3.76% | -9.33% |
| DBE | Energy | -0.05% | -5.83% | -9.53% |
| USO | WTI Crude Oil | 0.35% | -4.83% | -1.54% |
| BNO | Brent Crude Oil | 0.14% | -3.96% | -0.53% |
| UNG | Natural Gas | 6.17% | -15.28% | -64.61% |
| UGA | Gasoline | -0.76% | -1.77% | 4.37% |
| DBP | Precious Metals | 0.72% | 1.83% | 8.49% |
| GLD | Gold | 0.71% | 2.20% | 11.67% |
| SLV | Silver | 1.23% | 2.48% | 1.32% |
| PPLT | abrdn Physical Platin.. | 0.72% | 3.33% | -10.28% |
| PALL | abrdn Physical Palla.. | 1.82% | 12.68% | -32.20% |
| DBB | Base Metals | 0.62% | 1.09% | -1.97% |
| CPER | Copper | 1.21% | 2.19% | 5.02% |
| DBA | Agriculture | -0.14% | -1.98% | 7.89% |
| CORN | Corn | 0.65% | -2.36% | -19.57% |
| SOYB | Soybeans | -0.69% | -5.59% | -4.74% |
| WEAT | Wheat | 0.69% | 4.28% | -26.69% |
| CANE | Sugar | -1.54% | -21.27% | 27.39% |

Currencies Performance

| Ticker | Name | 1 Day | 1 Month | YTD |
|--------|------------------------|--------|---------|--------|
| UUP | Long Dollar | -0.66% | -1.18% | 3.90% |
| UDN | Short Dollar | 0.77% | 2.06% | 4.37% |
| FXE | Euro | 0.66% | 1.07% | 4.48% |
| FXB | British Pound Sterling | 0.40% | 1.55% | 7.99% |
| FXF | Swiss Franc | 0.83% | 3.17% | 7.64% |
| FXJ | Japanese Yen | 1.10% | 4.25% | -8.26% |
| FXC | Canadian Dollar | 0.67% | 3.35% | 4.08% |
| FXA | Australian Dollar | 1.10% | 3.85% | 0.97% |

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

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