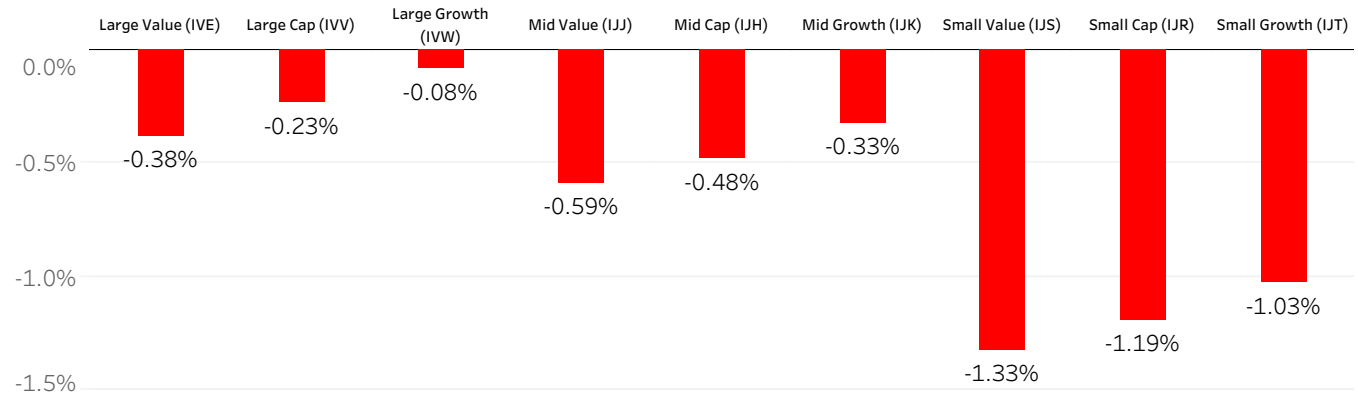


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
POWA	Invesco Bloomberg Pricing Power ETF	0.50%
CWS	AdvisorShares Focused Equity ETF	0.49%
AIVL	WisdomTree U.S. AI Enhanced Value Fund	0.47%
DIVZ	TrueShares Low Volatility Equity Income ETF	0.39%
ABEQ	Absolute Select Value ETF	0.37%
VSDA	VictoryShares Dividend Accelerator ETF	0.36%
SPLV	Invesco S&P 500 Low Volatility ETF	0.35%
ALTL	Pacer Lunt Large Cap Alternator ETF	0.34%
HUSV	First Trust Horizon Managed Volatility Domestic ETF	0.33%
USMV	iShares MSCI USA Min Vol Factor ETF	0.31%

Size & Style Most Overbought

Ticker	Fund	Price
PWB	Invesco Large Cap Growth ETF	76.26
MBCC	Monarch Blue Chips Core ETF	74.41
LCG	Sterling Capital Focus Equity ETF	73.43
CWS	AdvisorShares Focused Equity ETF	72.49
BKLC	BNY Mellon US Large Cap Core Equity ETF	71.87
CATH	Global X S&P 500 Catholic Values Custom ETF	71.78
NULG	Nuveen ESG Large-Cap Growth ETF	71.67
ILCG	iShares Morningstar Growth ETF	71.42
JUST	Goldman Sachs JUST U.S. Large Cap Equity ETF	71.37
CGGR	Capital Group Growth ETF	71.35

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
IPO	Renaissance IPO ETF	-1.97%
VTWV	Vanguard Russell 2000 Value ETF	-1.41%
SLYV	SPDR S&P 600 Small Cap Value ETF	-1.39%
SVAL	iShares US Small Cap Value Factor ETF	-1.39%
FYT	First Trust Small Cap Value AlphaDEX Fund	-1.39%
BBSC	JPMorgan BetaBuilders U.S. Small Cap Equity ETF	-1.38%
IWC	iShares Micro-Cap ETF	-1.34%
IJS	iShares S&P Small-Cap 600 Value ETF	-1.33%
IWN	iShares Russell 2000 Value ETF	-1.30%
VIOV	Vanguard S&P Small-Cap 600 Value ETF	-1.29%

Size & Style Most Oversold

Ticker	Fund	Price
PTMC	Pacer Trendpilot US Mid Cap ETF	40.57
LSAT	Leadershires Alphafactor Tactical Focused ETF	50.31
ALTL	Pacer Lunt Large Cap Alternator ETF	51.14
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	53.10
SPDV	AAM S&P 500 High Dividend Value ETF	53.53
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	53.96
TMFS	Motley Fool Small-Cap Growth ETF	54.20
PEY	Invesco High Yield Equity Dividend Achievers ETF	54.44
TPLE	Timothy Plan Us Large/Mid Cap Core Enhanced ETF	54.46
ONOF	Global X Adaptive U.S. Risk Management ETF	54.51

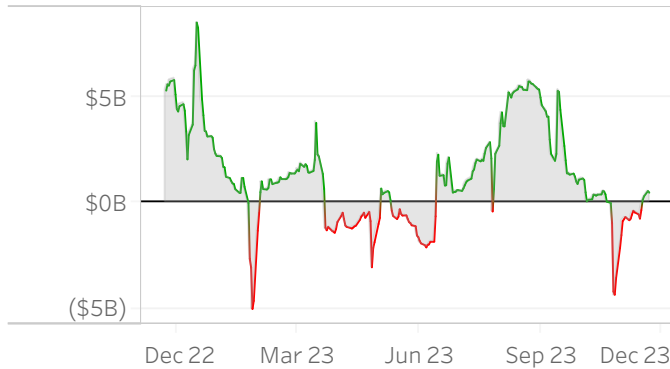
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

\*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	\$1,546B	\$5.49B	\$59.67B	\$92.99B	\$78.53B
Large Cap, Beta, Beta: Growth	10	\$304B	\$0.36B	\$11.54B	\$12.84B	\$18.10B
Large Cap, Beta, Beta: Value	11	\$224B	\$0.52B	\$1.89B	\$2.97B	(\$5.60B)
Mid Cap, Beta, Beta	10	\$194B	\$0.30B	\$1.07B	\$7.04B	\$9.09B
Mid Cap, Beta, Beta: Growth	6	\$36B	\$0.01B	\$0.14B	\$0.87B	\$0.46B
Mid Cap, Beta, Beta: Value	6	\$38B	\$0.03B	(\$1.09B)	(\$1.64B)	(\$2.45B)
Small Cap, Beta, Beta	11	\$202B	\$1.65B	\$5.20B	\$12.93B	\$12.20B
Small Cap, Beta, Beta: Growth	7	\$33B	\$0.04B	\$0.83B	\$1.18B	\$1.21B
Small Cap, Beta, Beta: Value	7	\$48B	\$0.06B	(\$0.32B)	(\$0.84B)	(\$1.33B)

U.S. Size & Style Flow Leaders

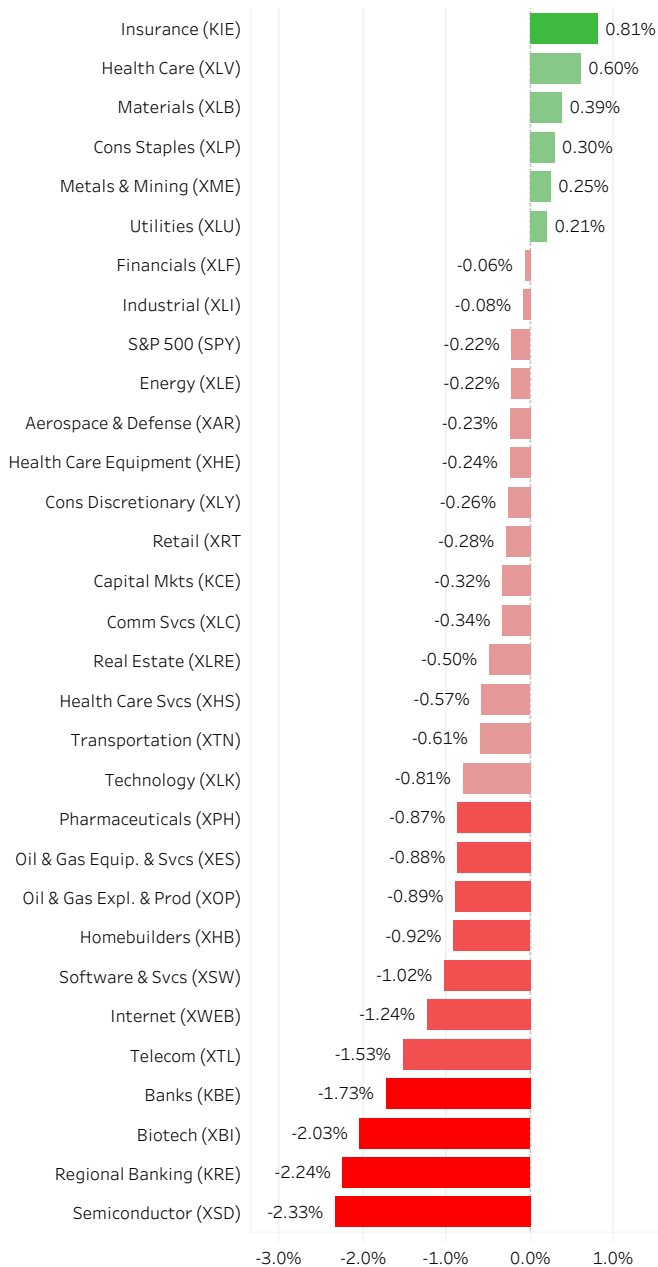
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	\$1.51B	\$3.74B	\$5.31B	\$1.83B	\$56.25B
VOO	Vanguard S&P 500 ETF	\$1.51B	\$12.75B	\$29.42B	\$35.30B	\$351.99B
QQQ	Invesco QQQ Trust Series I	\$1.12B	\$10.72B	\$13.36B	\$3.86B	\$222.28B
IVV	iShares Core S&P 500 ETF	\$1.04B	\$16.69B	\$34.13B	\$27.14B	\$373.94B
QQQM	Invesco NASDAQ 100 ETF	\$0.82B	\$2.25B	\$4.94B	\$7.89B	\$16.93B
SPY	SPDR S&P 500 ETF Trust	\$0.73B	\$9.69B	\$1.71B	(\$5.45B)	\$427.75B
VTI	Vanguard Total Stock Market ETF	\$0.60B	\$6.11B	\$12.13B	\$19.48B	\$325.54B
USMV	iShares MSCI USA Min Vol Factor ETF	\$0.52B	\$0.12B	(\$0.34B)	(\$2.02B)	\$29.02B
MDY	SPDR S&P Midcap 400 ETF Trust	\$0.35B	(\$0.05B)	(\$0.31B)	(\$0.34B)	\$18.73B
IWF	iShares Russell 1000 Growth ETF	\$0.29B	\$3.00B	\$2.59B	\$0.25B	\$76.80B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPYG	SPDR Portfolio S&P 500 Growth ETF	(\$0.45B)	\$1.29B	\$1.27B	\$3.28B	\$20.03B
SUSA	iShares MSCI USA ESG Select ETF	(\$0.18B)	\$1.18B	\$1.57B	\$1.34B	\$5.06B
BKLC	BNY Mellon US Large Cap Core Equity ETF	(\$0.13B)	\$0.03B	(\$0.08B)	\$1.15B	\$1.86B
BKMC	BNY Mellon US Mid Cap Core Equity ETF	(\$0.11B)	\$0.03B	\$0.03B	\$0.39B	\$0.46B
DGRW	WisdomTree US Quality Dividend Growth Fund	(\$0.11B)	\$0.71B	\$1.43B	\$2.23B	\$10.44B
DGRO	iShares Core Dividend Growth ETF	(\$0.11B)	\$0.44B	\$0.55B	(\$0.39B)	\$24.09B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.11B)	(\$0.89B)	(\$1.64B)	(\$3.89B)	\$8.25B
CLRG	IndexIQ ETF Trust IQ U.S. Large Cap ETF	(\$0.10B)	(\$0.13B)	(\$0.15B)	(\$0.16B)	\$0.13B
VTWO	Vanguard Russell 2000 ETF	(\$0.08B)	\$0.36B	\$0.62B	\$1.01B	\$6.46B
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	(\$0.08B)	(\$0.08B)	(\$0.11B)	(\$0.64B)	\$6.19B

\* 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	-0.34%	51.29%	5.34%	12.15%	67.50
XLK	Technology Select Sector SPDR Fund	-0.81%	51.80%	8.43%	13.58%	71.09
SPY	SPDR S&P 500 ETF Trust	-0.99%	20.34%	4.68%	6.25%	70.25
XLI	Industrial Select Sector SPDR Fund	-4.42%	9.76%	4.06%	2.99%	69.50
XLF	Financial Select Sector SPDR Fund	-5.05%	13.40%	4.96%	4.81%	71.49
XLY	Consumer Discretionary Select Sector SPDR Fund	-5.31%	32.72%	4.20%	6.04%	63.23
XLB	Materials Select Sector SPDR Fund	-5.83%	8.41%	3.34%	0.85%	64.77
XLV	Health Care Select Sector SPDR Fund	-7.34%	5.42%	0.84%	-0.73%	59.12
XLE	Energy Select Sector SPDR Fund	-9.36%	10.48%	-3.61%	0.07%	45.45
XLP	Consumer Staples Select Sector SPDR Fund	-10.13%	5.18%	1.31%	-4.28%	57.36
XLRE	Real Estate Select Sector SPDR Fund	-13.77%	12.05%	5.00%	-1.15%	62.76
XLU	Utilities Select Sector SPDR Fund	-14.37%	10.75%	2.95%	-3.97%	59.44

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
KBWP	Invesco KBW Property & Casualty Insurance ETF	1.22%
IAK	iShares U.S. Insurance ETF	0.93%
IHI	iShares U.S. Medical Devices ETF	0.87%
KIE	SPDR S&P Insurance ETF	0.81%
MLPX	Global X MLP & Energy Infrastructure ETF	0.66%
RSPH	Invesco S&P 500 Equal Weight Health Care ETF	0.66%
XLV	Health Care Select Sector SPDR Fund	0.60%
VHT	Vanguard Health Care ETF	0.51%
IYH	iShares U.S. Healthcare ETF	0.48%
NETL	NETLease Corporate Real Estate ETF	0.43%

### Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
ITA	iShares U.S. Aerospace & Defense ETF	74.86
IGV	iShares Expanded Tech-Software Sector ETF	73.47
XLF	Financial Select Sector SPDR Fund	71.49
PPA	Invesco Aerospace & Defense ETF	71.36
XNTK	SPDR NYSE Technology ETF	71.30
XLK	Technology Select Sector SPDR Fund	71.09
IAI	iShares U.S. Broker-Dealers & Securities Exchanges ETF	71.01
IGM	iShares Expanded Tech Sector ETF	70.80
IGPT	Invesco AI and Next Gen Software ETF	70.77
IYG	iShares US Financial Services ETF	70.68

### Sector & Industry 1 Day Performance Laggards

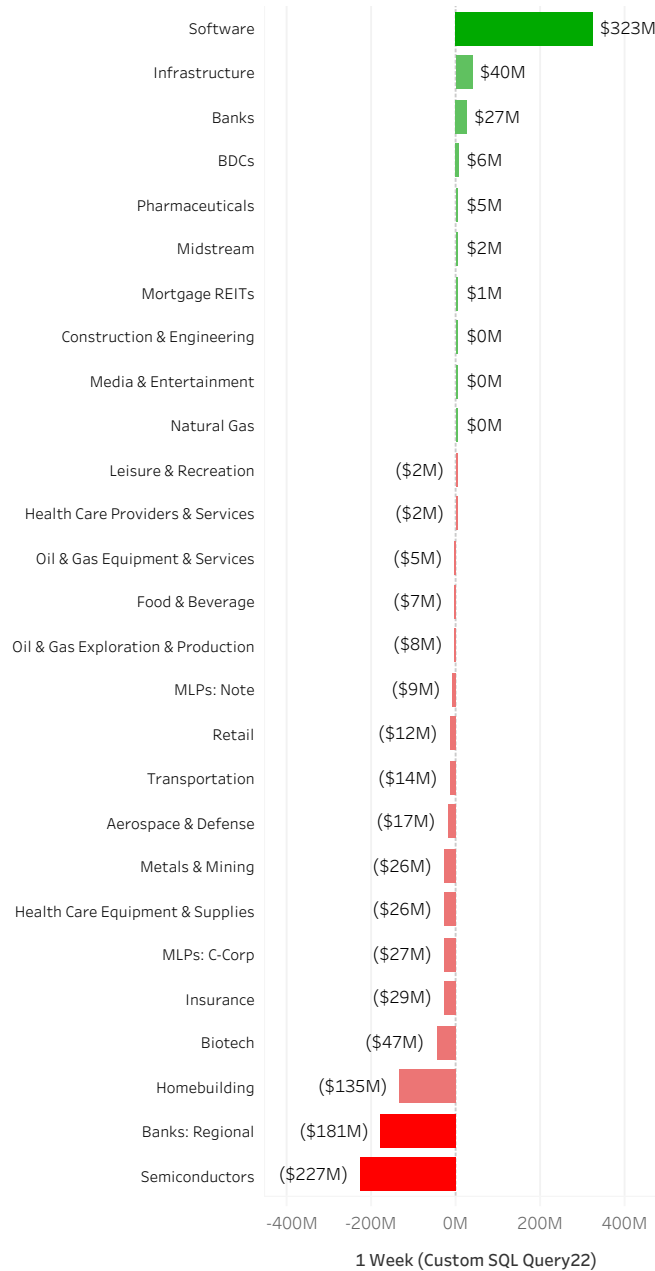
Ticker	Fund	1 Day Performance
XSD	SPDR S&P Semiconductor ETF	-2.33%
KBWR	Invesco KBW Regional Banking ETF	-2.28%
KRE	SPDR S&P Regional Banking ETF	-2.24%
XBI	SPDR S&P BIOTECH ETF	-2.03%
QABA	First Trust NASDAQ ABA Community Bank Index Fund	-1.91%
SOXX	iShares Semiconductor ETF	-1.87%
SOXQ	Invesco PHLX Semiconductor ETF	-1.87%
IAT	iShares U.S. Regional Banks ETF	-1.84%
PSCT	Invesco S&P SmallCap Information Technology ETF	-1.83%
FTXL	First Trust Nasdaq Semiconductor ETF	-1.83%

### Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XES	SPDR S&P Oil & Gas Equipment & Services ETF	39.23
IEZ	iShares U.S. Oil Equipment & Services ETF	40.13
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	42.65
PXJ	Invesco Oil & Gas Services ETF	43.38
FCG	First Trust Natural Gas ETF	43.38
PSCE	Invesco S&P SmallCap Energy ETF	44.68
FXN	First Trust Energy AlphaDEX Fund	44.92
FENY	Fidelity MSCI Energy Index ETF	44.95
VDE	Vanguard Energy ETF	44.96
PXE	Invesco Energy Exploration & Production ETF	45.03

\* 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	(\$20M)	(\$514M)	\$1,051M	\$2,750M
Consumer Discretionary	12	\$26B	\$279M	(\$92M)	\$1,157M	\$1,538M
Consumer Staples	10	\$25B	(\$218M)	(\$3,089M)	(\$3,861M)	(\$1,854M)
Energy	30	\$73B	(\$86M)	\$2,319M	\$571M	(\$6,822M)
Financials	26	\$55B	\$22M	(\$4,357M)	(\$2,110M)	(\$4,030M)
Health Care	23	\$82B	\$5M	(\$3,513M)	(\$4,788M)	(\$8,392M)
Industrial	13	\$34B	\$96M	(\$1,181M)	\$824M	\$1,255M
Materials	9	\$12B	(\$66M)	(\$798M)	(\$1,879M)	(\$1,795M)
Multi-Sector	18	\$18B	(\$130M)	(\$412M)	\$2,065M	\$2,024M
Real Estate	25	\$53B	\$98M	(\$304M)	\$378M	(\$3,268M)
Technology	23	\$165B	\$730M	\$4,795M	\$4,079M	\$3,507M
Utilities	9	\$21B	(\$268M)	(\$1,428M)	(\$2,199M)	(\$1,973M)

## U.S. Sector & Industry Flow Leaders

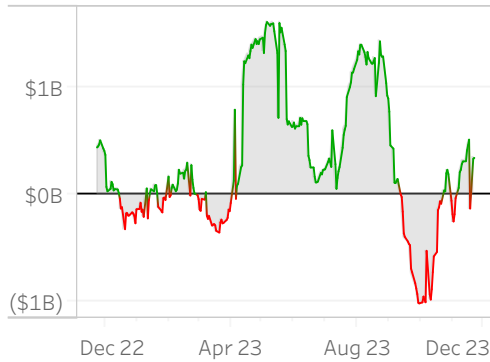
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IGV	iShares Expanded Tech-Software Sector ETF	\$320M	\$596M	\$972M	\$1,078M	\$7,647M
XLV	Consumer Discretionary Select Sector SPDR Fu..	\$309M	\$395M	\$1,000M	\$899M	\$17,482M
XLK	Technology Select Sector SPDR Fund	\$256M	\$1,377M	\$1,925M	(\$998M)	\$55,050M
VFH	Vanguard Financials ETF	\$211M	(\$404M)	\$336M	(\$516M)	\$8,449M
VGT	Vanguard Information Technology ETF	\$171M	\$467M	(\$187M)	(\$939M)	\$55,847M
XLI	Industrial Select Sector SPDR Fund	\$154M	(\$721M)	\$646M	(\$277M)	\$14,602M
FXL	First Trust Technology AlphaDEX Fund	\$112M	\$121M	\$127M	\$79M	\$1,351M
XLV	Health Care Select Sector SPDR Fund	\$106M	(\$2,095M)	(\$2,753M)	(\$2,885M)	\$36,905M
IYW	iShares U.S. Technology ETF	\$87M	\$1,112M	(\$392M)	\$504M	\$13,024M
IYR	iShares U.S. Real Estate ETF	\$66M	\$84M	\$161M	(\$321M)	\$2,874M

## U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLU	Utilities Select Sector SPDR Fund	(\$244M)	(\$655M)	(\$1,268M)	(\$945M)	\$13,449M
SOXX	iShares Semiconductor ETF	(\$205M)	\$128M	\$92M	\$476M	\$9,549M
XLP	Consumer Staples Select Sector SPDR Fund	(\$163M)	(\$1,135M)	(\$1,645M)	(\$321M)	\$15,358M
KRE	SPDR S&P Regional Banking ETF	(\$162M)	\$106M	(\$665M)	\$553M	\$2,851M
ITB	iShares U.S. Home Construction ETF	(\$107M)	(\$162M)	(\$107M)	\$169M	\$2,040M
XLC	Communication Services Select Sector SPDR Fu..	(\$56M)	(\$480M)	\$825M	\$2,467M	\$14,736M
IBB	iShares Biotechnology ETF	(\$41M)	(\$408M)	(\$647M)	(\$1,497M)	\$6,499M
ITA	iShares U.S. Aerospace & Defense ETF	(\$40M)	(\$118M)	(\$450M)	\$899M	\$5,524M
XLE	Energy Select Sector SPDR Fund	(\$38M)	\$1,823M	\$276M	(\$1,718M)	\$37,810M
FDN	First Trust Dow Jones Internet Index Fund	(\$33M)	(\$528M)	\$737M	\$218M	\$5,292M

\* 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



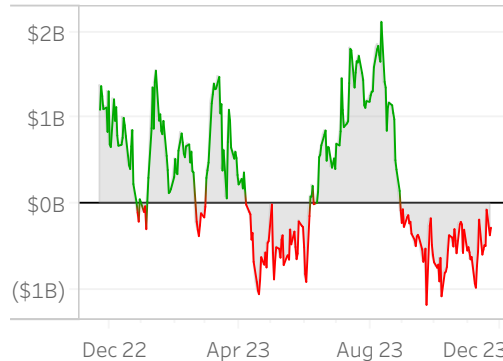
Energy



Financials



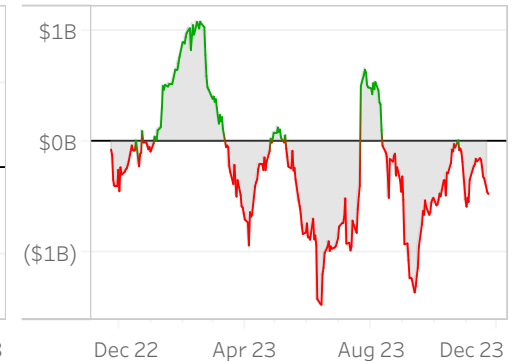
Industrial



Health Care



Materials



Real Estate



Technology



Utilities

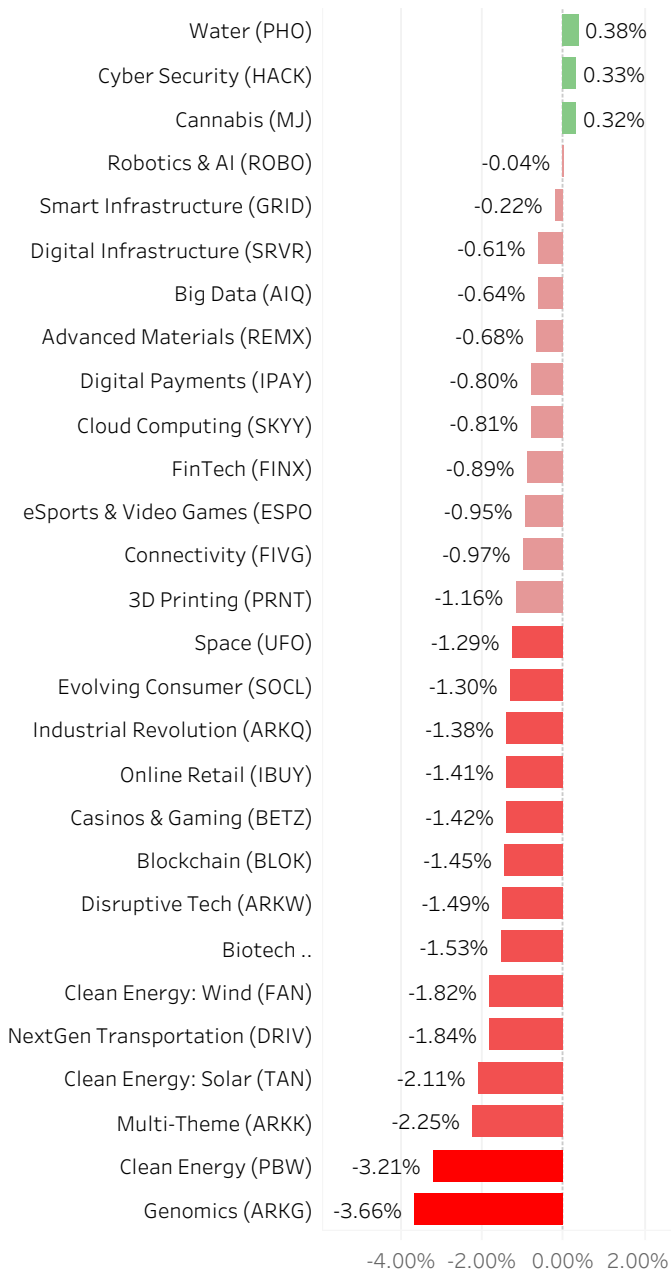


Multi-Sector

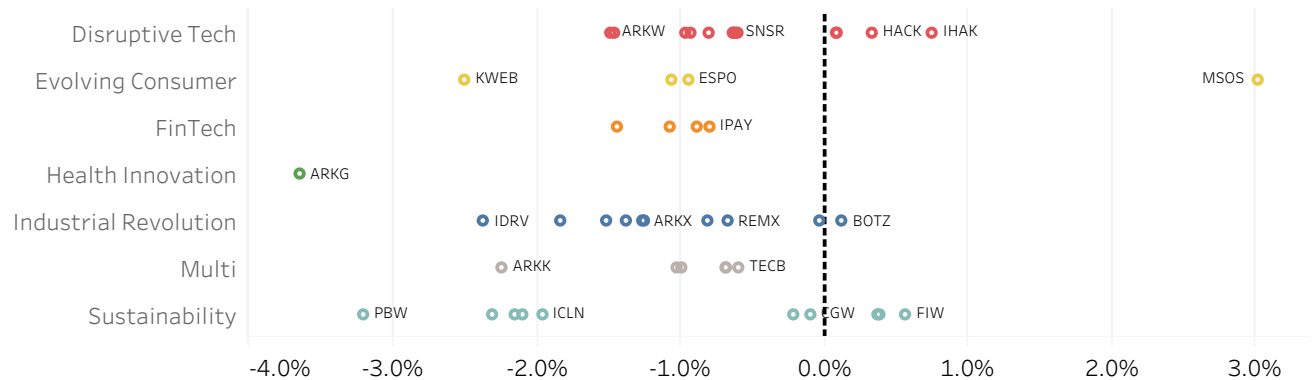


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## Global Thematic Segment 1-Day Performance



## Global Thematic 1-Day Performance Landscape



## Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
MSOS	AdvisorShares Pure US Cannabis ETF	3.01%
MJUS	ETFMG U.S. Alternative Harvest ETF	1.89%
IHAK	iShares Cybersecurity & Tech ETF	0.74%
FIW	First Trust Water ETF	0.56%
PHO	Invesco Water Resources ETF	0.38%
PIO	Invesco Global Water ETF	0.37%
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Securit..	0.33%
MJ	ETFMG Alternative Harvest ETFMG Alternative Harvest	0.32%
BOTZ	Global X Robotics & Artificial Intelligence ETF	0.11%
CIBR	First Trust NASDAQ Cybersecurity ETF	0.08%

## Thematic Most Overbought

Ticker	Fund	Price
PIO	Invesco Global Water ETF	74.51
BOTZ	Global X Robotics & Artificial Intelligence ETF	73.80
AIQ	Global X Artificial Intelligence & Technology ETF	70.85
TECB	iShares U.S. Tech Breakthrough Multisector ETF	69.86
IHAK	iShares Cybersecurity & Tech ETF	69.21
NXTG	First Trust Indxx NextG ETF	69.21
DTEC	ALPS Disruptive Technologies ETF	69.18
KLDW	Knowledge Leaders Developed World ETF	69.02
FIW	First Trust Water ETF	69.01
PHO	Invesco Water Resources ETF	68.99

## Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
ARKG	ARK Genomic Revolution ETF	-3.66%
DAPP	VanEck Digital Transformation ETF	-3.37%
PBW	Invesco WilderHill Clean Energy ETF	-3.21%
IDNA	iShares Genomics Immunology and Healthcare ETF	-3.06%
CTEC	Global X CleanTech ETF	-2.52%
KWEB	KraneShares CSI China Internet ETF	-2.51%
IDRV	iShares Self-driving EV & Tech ETF	-2.38%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	-2.32%
GNOM	Global X Genomics & Biotechnology ETF	-2.28%
ARKK	ARK Innovation ETF	-2.25%

## Thematic Most Oversold

Ticker	Fund	Price
PBW	Invesco WilderHill Clean Energy ETF	45.50
ACES	ALPS Clean Energy ETF	45.86
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	47.73
REMX	VanEck Rare Earth/Strategic Metals ETF	48.13
LIT	Global X Lithium & Battery Tech ETF	48.33
BATT	Amplify Lithium & Battery Technology ETF	48.72
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	49.04
IDRV	iShares Self-driving EV & Tech ETF	49.91
SBIO	ALPS Medical Breakthroughs ETF	49.99
CTEC	Global X CleanTech ETF	50.06

\* 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
ARKK	ARK Innovation ETF	\$213M
KWEB	KraneShares CSI China Internet ETF	\$158M
TAN	Invesco Solar ETF	\$59M
ARKG	ARK Genomic Revolution ETF	\$30M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$18M
AIQ	Global X Artificial Intelligence & Technology ETF	\$14M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$13M
ICLN	iShares Global Clean Energy ETF	\$8M
FMIL	Fidelity New Millennium ETF	\$8M
IZRL	ARK Israel Innovative Technology ETF	\$6M

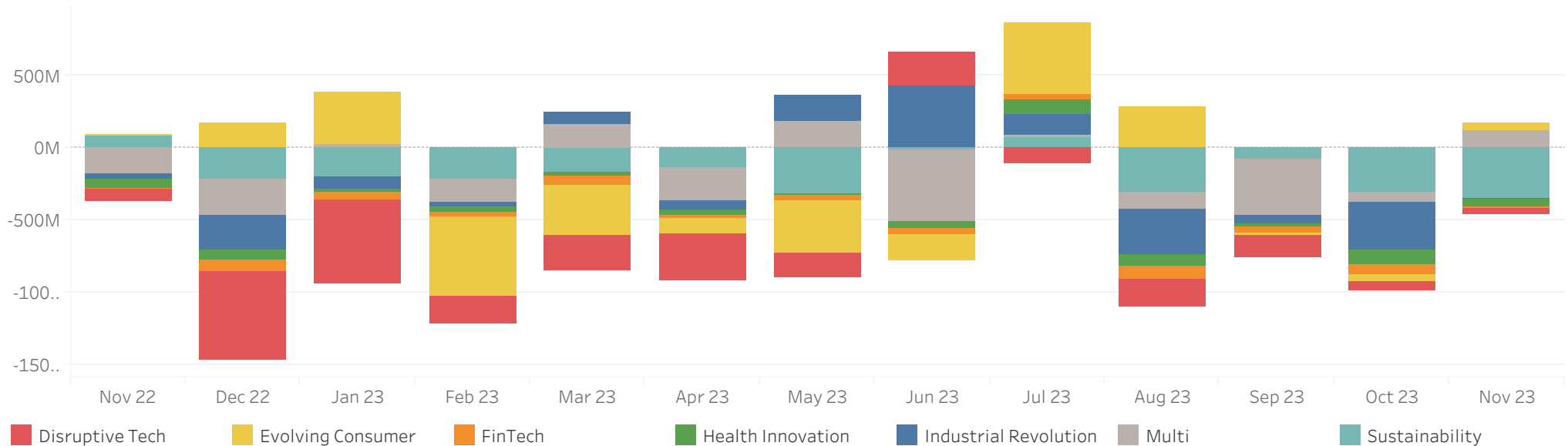
## Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
SKYY	First Trust Cloud Computing ETF	(\$32M)
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	(\$24M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$12M)
REMX	VanEck Rare Earth/Strategic Metals ETF	(\$12M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$9M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$9M)
PHO	Invesco Water Resources ETF	(\$9M)
LIT	Global X Lithium & Battery Tech ETF	(\$9M)
ACES	ALPS Clean Energy ETF	(\$8M)
WCLD	WisdomTree Cloud Computing Fund	(\$8M)

## Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$17B	(\$39M)	(\$284M)	(\$347M)	(\$2,506M)
Evolving Consumer	37	\$9B	\$150M	(\$38M)	\$557M	(\$244M)
FinTech	17	\$3B	\$2M	(\$125M)	(\$204M)	(\$501M)
Health Innovation	18	\$2B	\$3M	(\$170M)	(\$252M)	(\$505M)
Industrial Revolution	30	\$10B	(\$10M)	(\$384M)	\$49M	(\$301M)
Multi	35	\$15B	\$67M	(\$264M)	(\$831M)	(\$1,414M)
Sustainability	40	\$13B	\$51M	(\$773M)	(\$1,106M)	(\$2,199M)
Grand Total	211	\$68B	\$225M	(\$2,038M)	(\$2,135M)	(\$7,669M)

## Thematic Monthly Flows

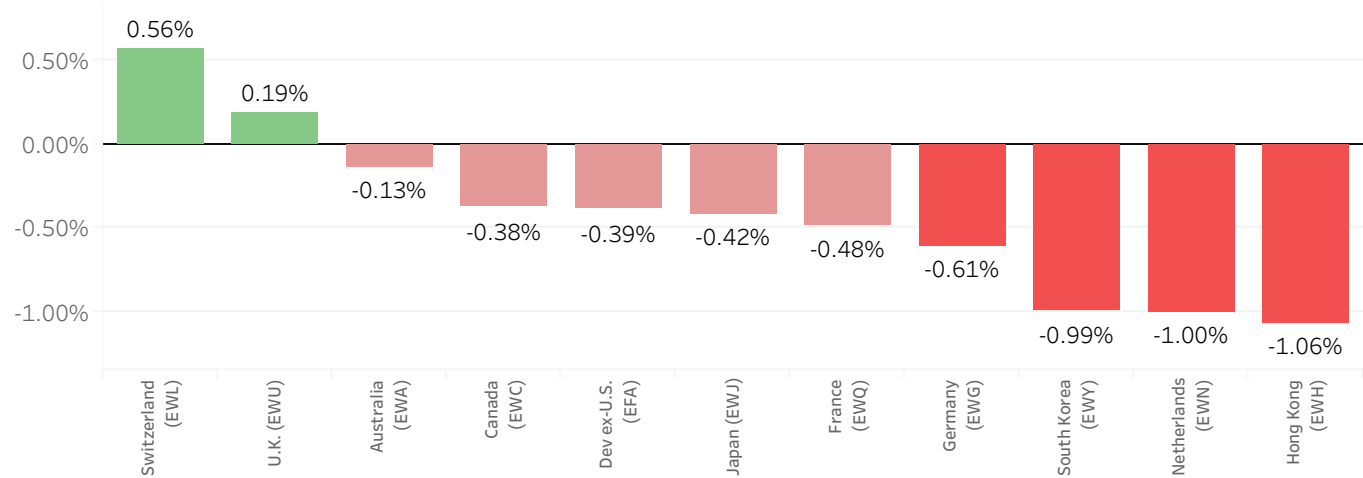


\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day

Developed ex-U.S. (EFA)



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



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



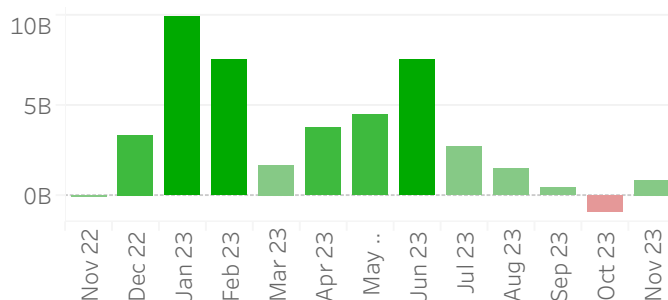
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	0.69%
EWL	iShares MSCI Switzerland ETF	0.56%
DFJ	WisdomTree Japan SmallCap Dividend Fund	0.45%
IDHQ	Invesco S&P International Developed High Quality ETF	0.33%
EIS	iShares MSCI Israel ETF	0.26%
EWU	iShares MSCI United Kingdom ETF	0.19%
FICS	First Trust International Developed Capital Strength ETF	0.14%
FLGB	Franklin FTSE United Kingdom ETF	0.12%
EIRL	iShares MSCI Ireland ETF	0.08%
SCJ	iShares MSCI Japan Small-Cap ETF	0.07%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
BKCI	BNY Mellon Concentrated International ETF	77.37
EWP	iShares MSCI Spain ETF	74.30
DAX	Global X DAX Germany ETF	73.87
EWG	iShares MSCI Germany ETF	73.65
IQDG	WisdomTree International Quality Dividend Growth Fund	72.53
EFG	iShares MSCI EAFE Growth ETF	72.52
FEZ	SPDR EURO STOXX 50 ETF	72.31
FICS	First Trust International Developed Capital Strength ETF	71.98
IQLT	iShares MSCI Intl Quality Factor ETF	71.88
EZU	iShares MSCI Eurozone ETF	71.46

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
IEUS	iShares MSCI Europe Small-Cap ETF	-1.41%
DFE	WisdomTree Europe SmallCap Dividend Fund	-1.34%
EWI	iShares MSCI Italy ETF	-1.31%
MINV	Matthews Asia Innovators Active ETF	-1.27%
EDEN	iShares MSCI Denmark ETF	-1.25%
GREK	Global X MSCI Greece ETF	-1.22%
EWU	iShares MSCI Austria ETF	-1.13%
AIA	iShares Asia 50 ETF	-1.10%
EWH	iShares MSCI Hong Kong ETF	-1.06%
FDD	First Trust Stoxx European Select Dividend Index Fund	-1.01%

Developed ex-U.S. Most Oversold

Ticker	Fund	Price
EWS	iShares MSCI Singapore ETF	50.49
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	54.54
DXJ	WisdomTree Japan Hedged Equity Fund	55.06
EWJV	iShares MSCI Japan Value ETF	55.31
EWH	iShares MSCI Hong Kong ETF	56.21
ENZL	iShares MSCI New Zealand ETF	56.37
FJP	First Trust Japan AlphaDEX Fund	57.02
MINV	Matthews Asia Innovators Active ETF	57.88
NORW	Global X MSCI Norway ETF	58.08
DFJ	WisdomTree Japan SmallCap Dividend Fund	58.15

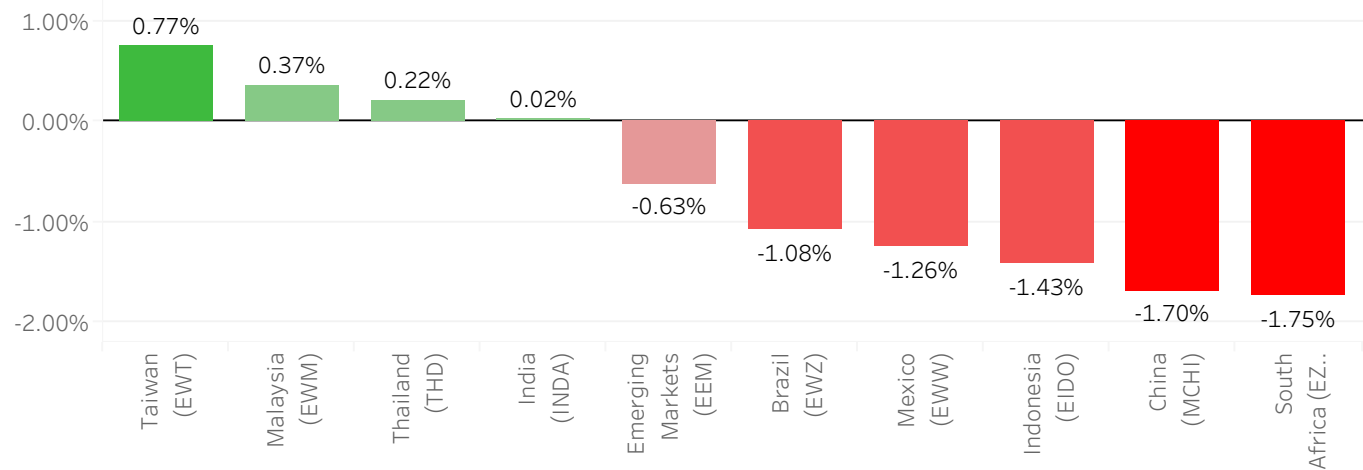
\*ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



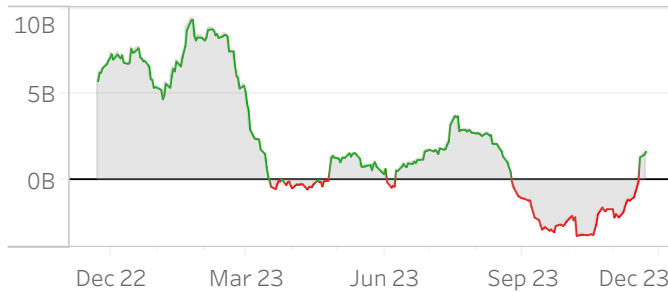
Emerging (EEM)



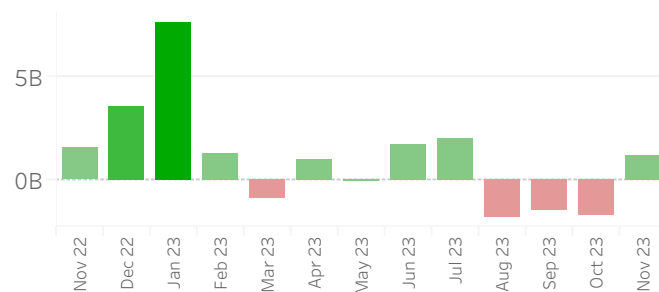
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
EWT	iShares MSCI Taiwan ETF	0.77%
FLTW	Franklin FTSE Taiwan ETF	0.73%
ECH	iShares MSCI Chile ETF	0.71%
EPU	iShares MSCI Peru and Global Exposure ETF	0.58%
PIN	Invesco India ETF	0.46%
INDY	iShares India 50 ETF	0.44%
EWM	iShares MSCI Malaysia ETF	0.37%
TUR	iShares MSCI Turkey ETF	0.31%
THD	iShares MSCI Thailand ETF	0.22%
EDIV	SPDR S&P Emerging Markets Dividend ETF	0.16%

Emerging Most Overbought

Ticker	Fund	Price
FLTW	Franklin FTSE Taiwan ETF	76.36
EWT	iShares MSCI Taiwan ETF	75.93
ARGT	Global X MSCI Argentina ETF	75.14
EDIV	SPDR S&P Emerging Markets Dividend ETF	72.26
EPOL	iShares MSCI Poland ETF	70.66
EPU	iShares MSCI Peru and Global Exposure ETF	70.24
FRDM	Freedom 100 Emerging Markets ETF	69.72
DVYE	iShares Emerging Markets Dividend ETF	69.52
EWX	SPDR S&P Emerging Markets Small Cap ETF	69.21
FLLA	Franklin FTSE Latin America ETF	69.09

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
PGJ	Invesco Golden Dragon China ETF	-2.47%
EWZS	iShares MSCI Brazil Small-Cap ETF	-2.41%
FXI	iShares China Large-Cap ETF	-1.99%
EYLD	Cambria Emerging Shareholder Yield ETF	-1.86%
EZA	iShares MSCI South Africa ETF	-1.75%
MCHI	iShares MSCI China ETF	-1.70%
GXC	SPDR S&P China ETF	-1.63%
ECNS	iShares MSCI China Small-Cap ETF	-1.52%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-1.51%
FLCH	Franklin FTSE China ETF	-1.43%

Emerging Most Oversold

Ticker	Fund	Price
FXI	iShares China Large-Cap ETF	49.63
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	50.11
RAYC	Rayliant Quantamental China Equity ETF	51.01
EIDO	iShares MSCI Indonesia ETF	51.33
MCHI	iShares MSCI China ETF	52.30
FLCH	Franklin FTSE China ETF	52.75
KBA	KraneShares Boser MSCI China A 50 Connect Index ..	52.77
TUR	iShares MSCI Turkey ETF	52.96
PGJ	Invesco Golden Dragon China ETF	53.04
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	53.31

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

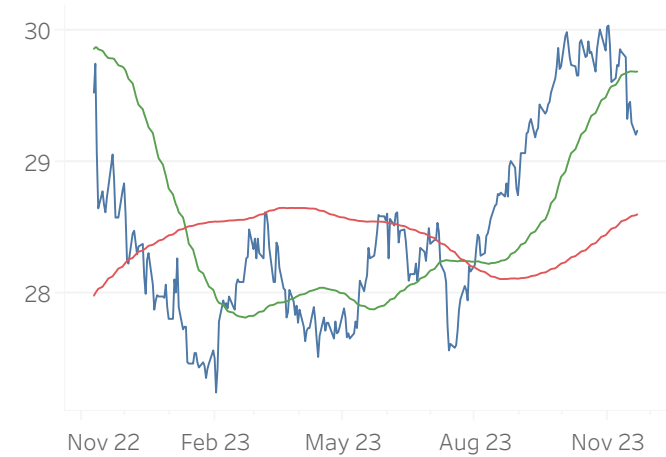
Fixed Income (AGG)



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	0.10%	4.11%	1.09%
SHY	1-3 Year Treasury Bonds	0.06%	0.78%	2.64%
IEF	7-10 Year Treasury Bonds	0.13%	3.99%	-0.79%
TLT	20+ Year Treasury Bonds	-0.04%	9.15%	-6.48%
TIP	TIPS Bonds	-0.21%	2.11%	0.72%
FLOT	Floating Rate Bonds	-0.04%	0.42%	5.65%
LQD	Investment Grade Corporate	0.03%	6.64%	2.90%
HYG	High Yield Corporate	0.13%	4.75%	7.00%
BKLN	Senior Loan	0.00%	1.16%	10.22%
PFF	Preferred & Income Securities	-0.33%	6.19%	4.12%
MUB	Municipal Bonds	0.21%	4.22%	2.15%
MBB	MBS	0.23%	5.23%	0.17%
EMB	Dollar Denominated EM Bonds	0.00%	6.19%	4.41%
LEMB	Local Currency EM Bond	-0.33%	5.55%	4.03%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.35%	-2.58%	-5.78%
DBE	Energy	0.55%	-7.63%	-3.93%
USO	WTI Crude Oil	0.32%	-10.12%	3.45%
BNO	Brent Crude Oil	0.51%	-8.95%	3.57%
UNG	Natural Gas	-1.67%	-13.13%	-58.23%
UGA	Gasoline	0.70%	-4.54%	6.26%
DBP	Precious Metals	1.13%	1.01%	6.54%
GLD	Gold	1.08%	0.96%	9.26%
SLV	Silver	1.35%	1.73%	-1.14%
PPLT	abrdn Physical Platin..	1.40%	4.27%	-13.17%
PALL	abrdn Physical Palla..	-0.15%	-2.37%	-39.83%
DBB	Base Metals	-0.21%	4.78%	-3.03%
CPER	Copper	0.17%	7.47%	2.77%
DBA	Agriculture	0.18%	1.19%	10.07%
CORN	Corn	0.42%	-2.70%	-17.63%
SOYB	Soybeans	0.66%	4.73%	0.91%
WEAT	Wheat	1.45%	-4.43%	-29.70%
CANE	Sugar	0.65%	3.56%	61.80%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.10%	-2.01%	5.14%
UDN	Short Dollar	-0.16%	2.94%	2.27%
FXE	Euro	-0.31%	3.19%	3.37%
FXB	British Pound Sterling	0.19%	3.32%	6.34%
FXF	Swiss Franc	0.13%	0.94%	4.33%
FXJ	Japanese Yen	-0.03%	0.94%	-12.00%
FXC	Canadian Dollar	0.18%	0.33%	0.71%
FXA	Australian Dollar	-0.07%	4.00%	-2.78%

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

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