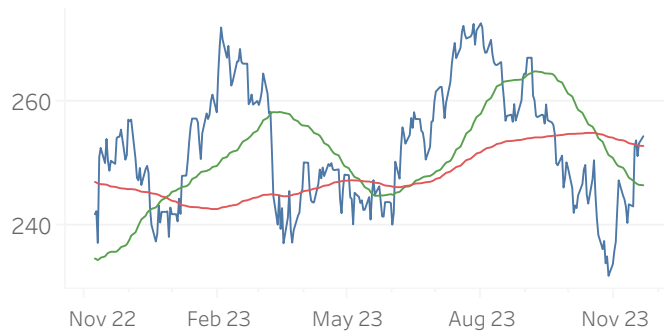


Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

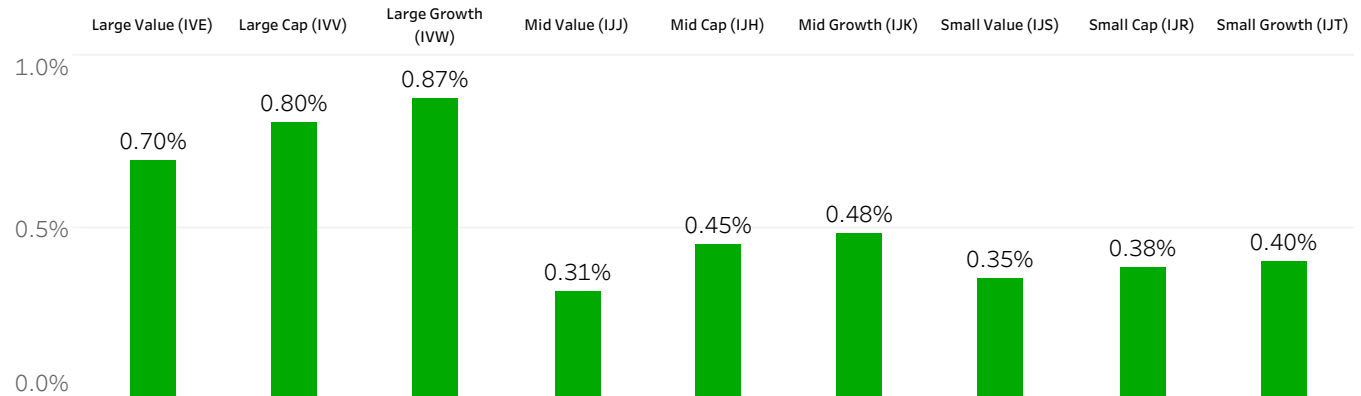


Small Cap Blend (S&P 600) IJR



■ 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	Performance
IPO	Renaissance IPO ETF	1.79%
QQH	HCM Defender 100 Index ETF	1.71%
BUZZ	VanEck Social Sentiment ETF	1.49%
WINN	Harbor Long-Term Growers ETF	1.33%
QQQE	Direxion NASDAQ-100 Equal Weighted Index Shares	1.26%
FFTY	Innovator IBD 50 ETF	1.24%
NULG	Nuveen ESG Large-Cap Growth ETF	1.23%
QGEW	First Trust Nasdaq-100 Equal Weighted Index Fund	1.23%
QQQ	Invesco QQQ Trust Series I	1.22%
QQQM	Invesco NASDAQ 100 ETF	1.21%

Size & Style Most Overbought

Ticker	Fund	Price
PWB	Invesco Large Cap Growth ETF	76.23
MBCC	Monarch Blue Chips Core ETF	74.84
PTNQ	Pacer Trendpilot 100 ETF	74.01
LCG	Sterling Capital Focus Equity ETF	73.89
MMTM	SPDR S&P 1500 Momentum Tilt ETF	73.67
USXF	iShares ESG Advanced MSCI USA ETF	73.60
NULG	Nuveen ESG Large-Cap Growth ETF	73.23
MTUM	iShares MSCI USA Momentum Factor ETF	73.23
VUG	Vanguard Growth ETF	73.21
CGGR	Capital Group Growth ETF	73.17

Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
SMDV	ProShares Russell 2000 Dividend Growers ETF	-0.30%
PEY	Invesco High Yield Equity Dividend Achievers ETF	-0.20%
CSB	VictoryShares US Small Cap High Dividend Volatility Wtd..	-0.12%
CDL	VictoryShares US Large Cap High Dividend Volatility Wtd..	-0.12%
FVD	First Trust Value Line Dividend Index Fund	-0.10%
REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	-0.09%
SMIG	AAM Bahl & Gaynor Small/Mid Cap Income Growth ETF	-0.09%
DVY	iShares Select Dividend ETF	-0.08%
LSAT	Leadershires Alphafactor Tactical Focused ETF	-0.07%
DIV	Global X SuperDividend US ETF	-0.06%

Size & Style Most Oversold

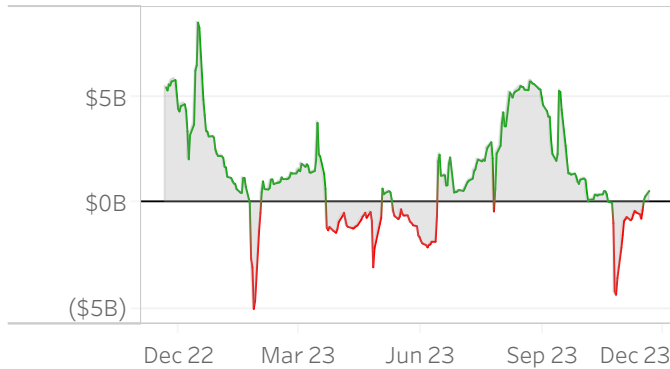
Ticker	Fund	Price
PTMC	Pacer Trendpilot US Mid Cap ETF	39.82
ALTL	Pacer Lunt Large Cap Alternator ETF	49.05
LSAT	Leadershires Alphafactor Tactical Focused ETF	53.57
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	53.63
TPLE	Timothy Plan Us Large/Mid Cap Core Enhanced ETF	53.65
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	54.28
HDV	iShares Core High Dividend ETF	54.64
DURA	VanEck Durable High Dividend ETF	55.18
ONOF	Global X Adaptive U.S. Risk Management ETF	56.08
SPDV	AAM S&P 500 High Dividend Value ETF	56.18

\*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	\$1,531B	\$6.02B	\$54.52B	\$91.98B	\$76.98B
Large Cap, Beta, Beta: Growth	10	\$302B	\$0.99B	\$12.11B	\$13.46B	\$18.80B
Large Cap, Beta, Beta: Value	11	\$223B	\$0.51B	\$1.80B	\$2.74B	(\$5.92B)
Mid Cap, Beta, Beta	10	\$193B	\$0.20B	\$1.53B	\$6.97B	\$9.19B
Mid Cap, Beta, Beta: Growth	6	\$36B	\$0.03B	\$0.14B	\$0.87B	\$0.44B
Mid Cap, Beta, Beta: Value	6	\$37B	\$0.01B	(\$1.12B)	(\$1.64B)	(\$2.45B)
Small Cap, Beta, Beta	11	\$200B	\$2.40B	\$4.67B	\$12.19B	\$11.08B
Small Cap, Beta, Beta: Growth	7	\$33B	\$0.11B	\$0.81B	\$1.08B	\$1.21B
Small Cap, Beta, Beta: Value	7	\$47B	\$0.03B	(\$0.34B)	(\$0.96B)	(\$1.29B)

U.S. Size & Style Flow Leaders

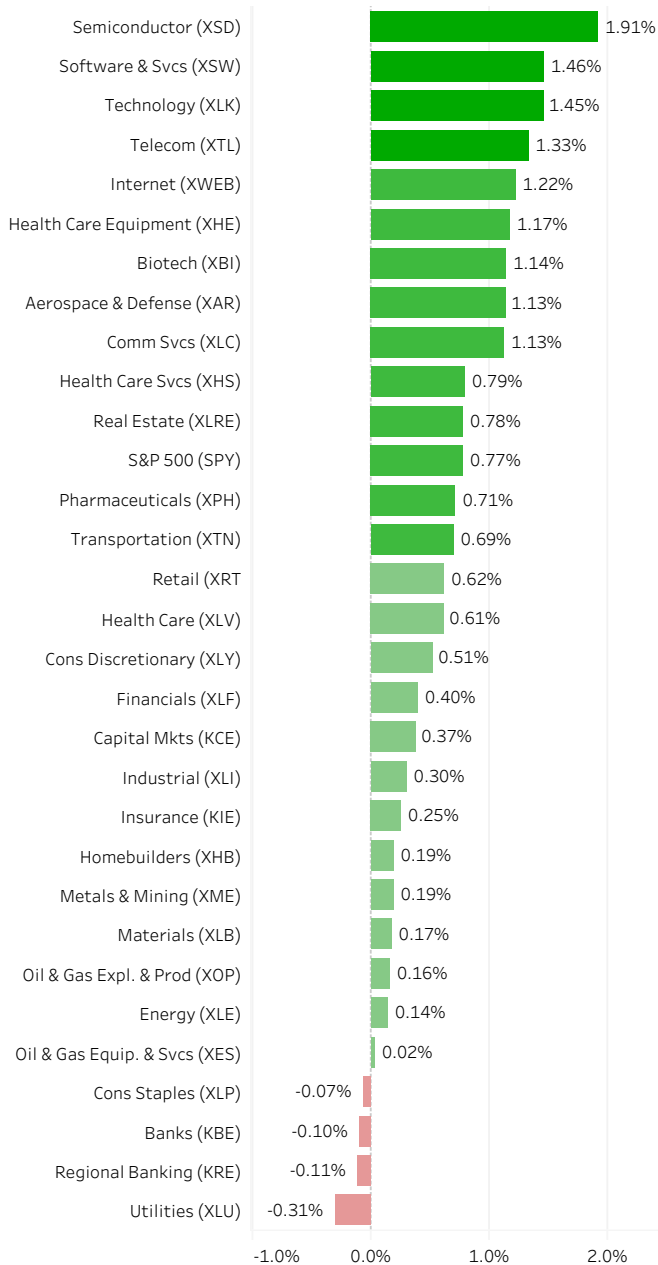
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	\$2.48B	\$3.39B	\$4.78B	\$0.99B	\$55.39B
QQQ	Invesco QQQ Trust Series I	\$2.23B	\$8.35B	\$10.41B	\$2.04B	\$217.71B
VOO	Vanguard S&P 500 ETF	\$1.70B	\$12.37B	\$29.16B	\$35.29B	\$349.03B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.94B	(\$0.56B)	\$8.48B	\$8.27B	\$41.25B
IVV	iShares Core S&P 500 ETF	\$0.86B	\$16.46B	\$34.10B	\$27.08B	\$370.98B
VTI	Vanguard Total Stock Market ETF	\$0.72B	\$6.12B	\$12.05B	\$19.52B	\$323.05B
SPY	SPDR S&P 500 ETF Trust	\$0.67B	\$8.47B	\$4.74B	(\$4.34B)	\$424.76B
USMV	iShares MSCI USA Min Vol Factor ETF	\$0.55B	\$0.12B	(\$0.33B)	(\$1.99B)	\$29.02B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.35B	(\$0.18B)	\$0.34B	(\$1.27B)	\$29.54B
IWD	iShares Russell 1000 Value ETF	\$0.32B	\$0.88B	(\$0.05B)	(\$4.25B)	\$50.08B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SUSA	iShares MSCI USA ESG Select ETF	(\$0.18B)	\$1.18B	\$1.57B	\$1.35B	\$5.06B
LCTU	BlackRock U.S. Carbon Transition Readiness E..	(\$0.17B)	(\$0.21B)	(\$0.13B)	(\$0.18B)	\$1.41B
BKLC	BNY Mellon US Large Cap Core Equity ETF	(\$0.13B)	\$0.02B	(\$0.08B)	\$1.15B	\$1.85B
BKMC	BNY Mellon US Mid Cap Core Equity ETF	(\$0.11B)	\$0.03B	\$0.03B	\$0.39B	\$0.46B
CLRG	IndexIQ ETF Trust IQ U.S. Large Cap ETF	(\$0.10B)	(\$0.13B)	(\$0.15B)	(\$0.16B)	\$0.13B
GSLC	Goldman Sachs ActiveBeta U.S. Large Cap Eq..	(\$0.08B)	(\$0.53B)	(\$0.73B)	(\$1.01B)	\$10.91B
IJR	iShares Core S&P Small Cap ETF	(\$0.08B)	(\$0.02B)	\$1.98B	\$2.30B	\$67.68B
FVD	First Trust Value Line Dividend Index Fund	(\$0.08B)	(\$0.83B)	(\$1.12B)	(\$1.44B)	\$10.56B
VYM	Vanguard High Dividend Yield Index ETF	(\$0.07B)	(\$0.10B)	(\$0.17B)	(\$0.44B)	\$48.11B
FDL	First Trust Morningstar Dividend Leaders Ind..	(\$0.07B)	(\$0.34B)	(\$0.85B)	(\$0.02B)	\$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%	51.80%	5.80%	12.66%	69.58
XLK	Technology Select Sector SPDR Fund	0.00%	53.04%	9.49%	14.65%	76.01
SPY	SPDR S&P 500 ETF Trust	-0.77%	20.60%	4.94%	6.53%	72.03
XLI	Industrial Select Sector SPDR Fund	-4.35%	9.84%	4.15%	3.09%	70.11
XLF	Financial Select Sector SPDR Fund	-5.00%	13.46%	5.05%	4.84%	71.93
XLY	Consumer Discretionary Select Sector SPDR Fund	-5.07%	33.06%	4.41%	6.37%	64.40
XLB	Materials Select Sector SPDR Fund	-6.19%	7.99%	2.91%	0.45%	63.48
XLV	Health Care Select Sector SPDR Fund	-7.90%	4.78%	0.18%	-1.33%	55.93
XLE	Energy Select Sector SPDR Fund	-9.16%	10.73%	-3.57%	0.26%	46.16
XLP	Consumer Staples Select Sector SPDR Fund	-10.40%	4.86%	0.95%	-4.60%	55.63
XLRE	Real Estate Select Sector SPDR Fund	-13.34%	12.61%	5.49%	-0.72%	64.82
XLU	Utilities Select Sector SPDR Fund	-14.55%	10.52%	2.69%	-4.21%	58.76

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XSD	SPDR S&P Semiconductor ETF	1.91%
QTEC	First Trust NASDAQ-100 Technology Sector Index ..	1.64%
XNTK	SPDR NYSE Technology ETF	1.62%
FTXL	First Trust Nasdaq Semiconductor ETF	1.61%
PSI	Invesco Semiconductors ETF	1.57%
SOXQ	Invesco PHLX Semiconductor ETF	1.56%
IGV	iShares Expanded Tech-Software Sector ETF	1.54%
SOXX	iShares Semiconductor ETF	1.47%
XSW	SPDR S&P Software & Services ETF	1.46%
XLK	Technology Select Sector SPDR Fund	1.45%

### Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
FTEC	Fidelity MSCI Information Technology Index ETF	76.06
XLK	Technology Select Sector SPDR Fund	76.01
VGT	Vanguard Information Technology ETF	75.56
XNTK	SPDR NYSE Technology ETF	75.37
IGPT	Invesco AI and Next Gen Software ETF	74.95
IGM	iShares Expanded Tech Sector ETF	74.55
ITA	iShares U.S. Aerospace & Defense ETF	74.49
IYW	iShares U.S. Technology ETF	74.39
QTEC	First Trust NASDAQ-100 Technology Sector Index Fund	74.36
IETC	iShares U.S. Tech Independence Focused ETF	74.28

### Sector & Industry 1 Day Performance Laggards

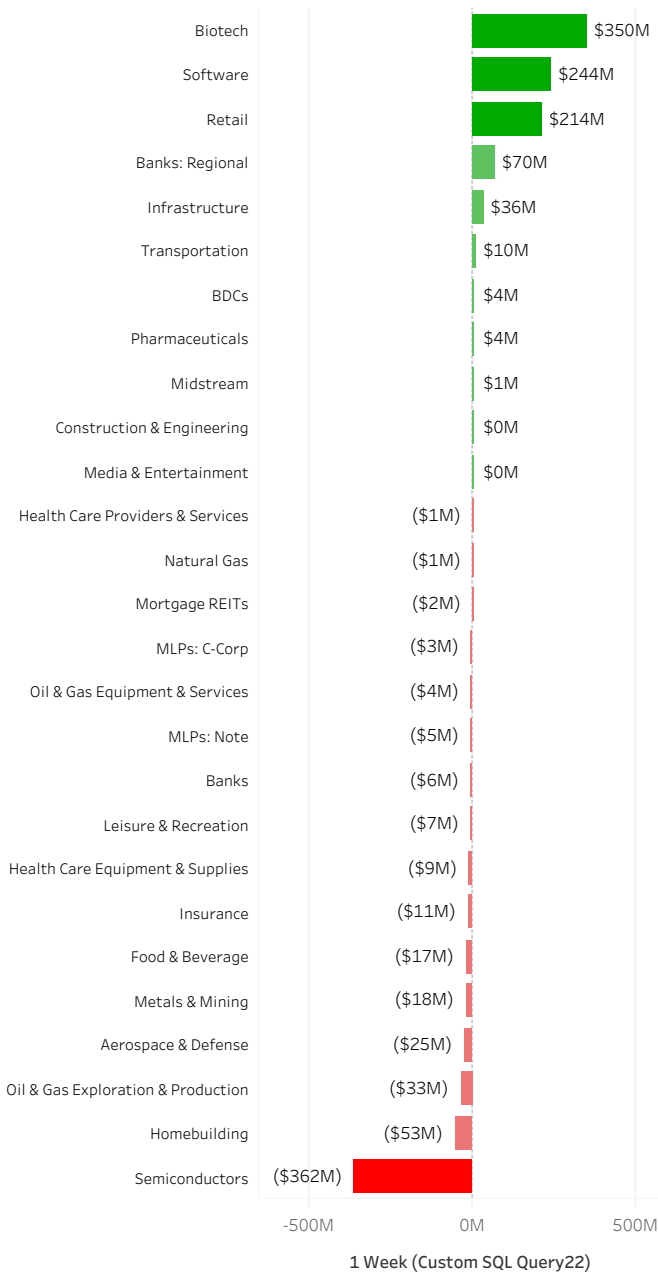
Ticker	Fund	1 Day Performance
QABA	First Trust NASDAQ ABA Community Bank Index Fund	-0.62%
FUTY	Fidelity MSCI Utilities Index ETF	-0.43%
IFRA	iShares U.S. Infrastructure ETF	-0.37%
VPU	Vanguard Utilities ETF	-0.34%
XLU	Utilities Select Sector SPDR Fund	-0.31%
FXU	First Trust Utilities AlphaDEX Fund	-0.30%
RSPU	Invesco S&P 500 Equal Weight Utilities ETF	-0.28%
IDU	iShares U.S. Utilities ETF	-0.25%
PKB	Invesco Building & Construction ETF	-0.25%
KBWB	Invesco KBW Bank ETF	-0.19%

### Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XES	SPDR S&P Oil & Gas Equipment & Services ETF	40.87
IEZ	iShares U.S. Oil Equipment & Services ETF	41.33
FCG	First Trust Natural Gas ETF	44.73
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	44.84
VDE	Vanguard Energy ETF	45.70
PXJ	Invesco Oil & Gas Services ETF	45.85
FENY	Fidelity MSCI Energy Index ETF	46.02
IYE	iShares U.S. Energy ETF	46.12
XLE	Energy Select Sector SPDR Fund	46.16
PSCE	Invesco S&P SmallCap Energy ETF	46.45

\* 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	\$29M	(\$523M)	\$1,030M	\$2,744M
Consumer Discretionary	12	\$26B	\$604M	\$5M	\$1,246M	\$1,646M
Consumer Staples	10	\$25B	(\$81M)	(\$3,025M)	(\$3,826M)	(\$1,694M)
Energy	30	\$73B	(\$192M)	\$2,354M	\$147M	(\$7,287M)
Financials	26	\$54B	\$330M	(\$4,619M)	(\$2,571M)	(\$4,263M)
Health Care	23	\$82B	\$1,069M	(\$2,731M)	(\$4,170M)	(\$7,507M)
Industrial	13	\$33B	(\$98M)	(\$1,386M)	\$649M	\$1,135M
Materials	9	\$12B	(\$100M)	(\$794M)	(\$1,894M)	(\$1,822M)
Multi-Sector	18	\$18B	\$228M	(\$416M)	\$2,120M	\$1,970M
Real Estate	25	\$53B	\$191M	(\$386M)	\$299M	(\$3,257M)
Technology	23	\$163B	\$864M	\$4,680M	\$3,894M	\$2,999M
Utilities	9	\$21B	(\$143M)	(\$1,332M)	(\$2,086M)	(\$1,828M)

## U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	\$782M	(\$1,458M)	(\$2,198M)	(\$1,985M)	\$37,192M
XLK	Technology Select Sector SPDR Fund	\$702M	\$1,478M	\$2,035M	(\$1,050M)	\$54,267M
XBI	SPDR S&P BIOTECH ETF	\$410M	\$523M	\$732M	(\$1,078M)	\$6,149M
XLV	Consumer Discretionary Select Sector SPDR Fu..	\$393M	\$444M	\$1,054M	\$921M	\$17,405M
IGV	iShares Expanded Tech-Software Sector ETF	\$243M	\$425M	\$802M	\$881M	\$7,363M
FDN	First Trust Dow Jones Internet Index Fund	\$233M	(\$528M)	\$797M	\$218M	\$5,229M
XRT	SPDR S&P Retail ETF	\$214M	\$184M	\$118M	\$75M	\$569M
VGT	Vanguard Information Technology ETF	\$194M	\$467M	(\$137M)	(\$1,064M)	\$55,053M
VFH	Vanguard Financials ETF	\$175M	(\$436M)	\$296M	(\$524M)	\$8,388M
XLF	Financial Select Sector SPDR Fund	\$158M	(\$3,398M)	(\$809M)	(\$1,960M)	\$30,568M

## U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SOXX	iShares Semiconductor ETF	(\$332M)	\$177M	\$3M	\$439M	\$9,410M
XLE	Energy Select Sector SPDR Fund	(\$139M)	\$1,856M	\$150M	(\$2,009M)	\$37,711M
XLU	Utilities Select Sector SPDR Fund	(\$98M)	(\$561M)	(\$1,158M)	(\$761M)	\$13,571M
XLB	Materials Select Sector SPDR Fund	(\$60M)	(\$140M)	(\$209M)	(\$89M)	\$5,326M
IBB	iShares Biotechnology ETF	(\$53M)	(\$371M)	(\$668M)	(\$1,506M)	\$6,467M
XLI	Industrial Select Sector SPDR Fund	(\$53M)	(\$928M)	\$471M	(\$382M)	\$14,364M
ITA	iShares U.S. Aerospace & Defense ETF	(\$52M)	(\$135M)	(\$467M)	\$899M	\$5,456M
IYF	iShares U.S. Financials ETF	(\$47M)	(\$55M)	(\$70M)	(\$293M)	\$1,843M
XHB	SPDR S&P Homebuilders ETF	(\$41M)	\$6M	\$176M	\$82M	\$1,364M
VHT	Vanguard Health Care ETF	(\$35M)	(\$695M)	(\$573M)	(\$581M)	\$15,645M

\* 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



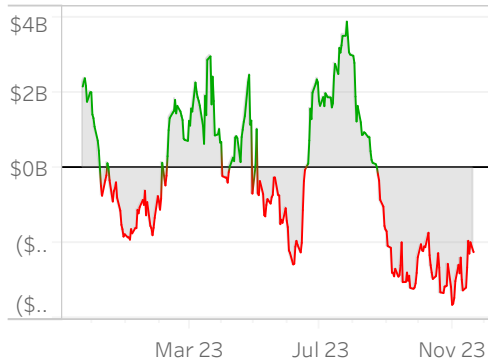
Consumer Staples



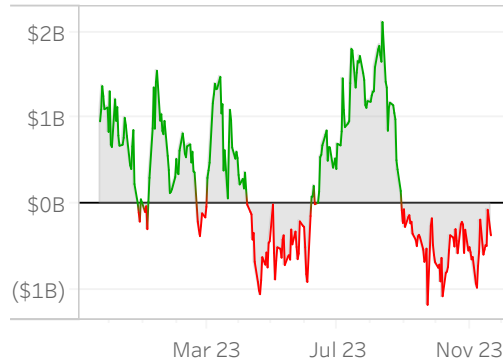
Energy



Financials



Industrial



Health Care



Materials



Real Estate



Technology



Utilities

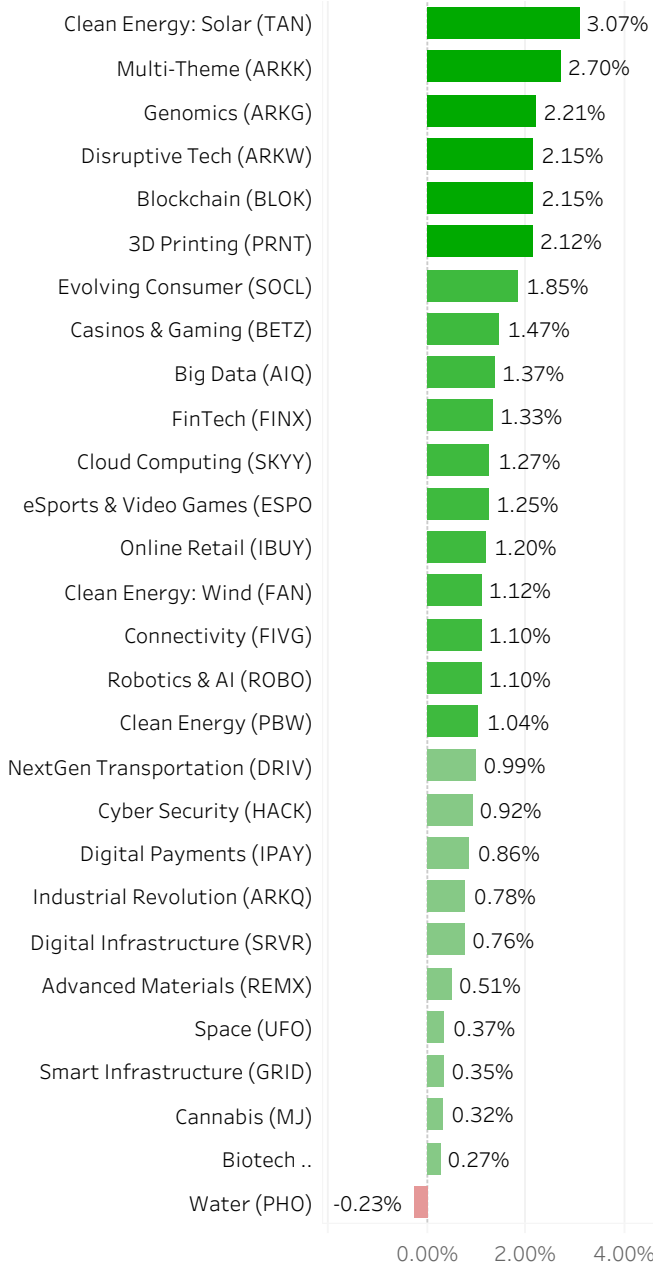


Multi-Sector

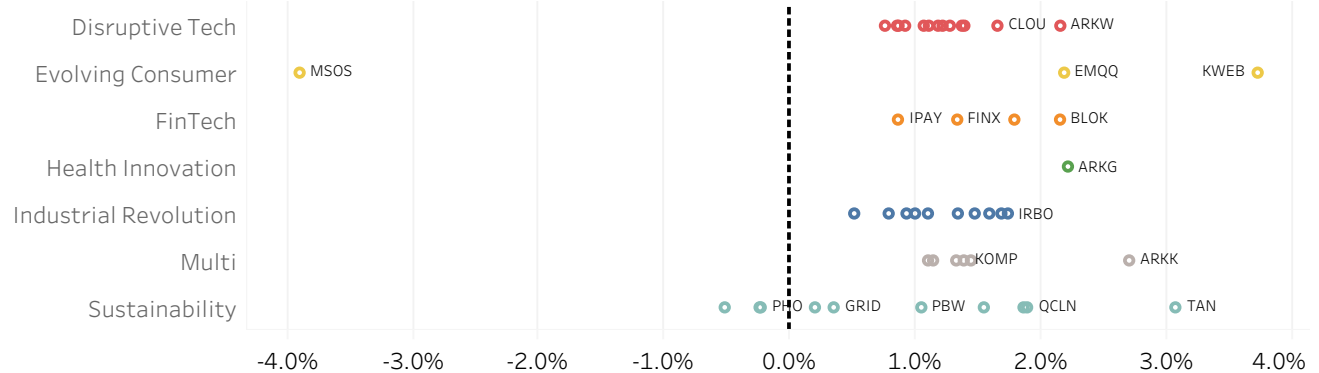


\*ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day

## Global Thematic Segment 1-Day Performance



## Global Thematic 1-Day Performance Landscape



## Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
BKCH	Global X Blockchain ETF	5.45%
BITQ	Bitwise Crypto Industry Innovators ETF	4.34%
KWEB	KraneShares CSI China Internet ETF	3.72%
TAN	Invesco Solar ETF	3.07%
KGRN	KraneShares MSCI China Clean Technology Index ETF	2.76%
ARKK	ARK Innovation ETF	2.70%
CTEC	Global X CleanTech ETF	2.58%
EDOC	Global X Telemedicine & Digital Health ETF Registered	2.40%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	2.25%
ARKG	ARK Genomic Revolution ETF	2.21%

## Thematic Most Overbought

Ticker	Fund	Price
AIQ	Global X Artificial Intelligence & Technology ETF	74.59
PIO	Invesco Global Water ETF	73.62
BOTZ	Global X Robotics & Artificial Intelligence ETF	73.58
NXTG	First Trust Indxx NextG ETF	73.52
TECB	iShares U.S. Tech Breakthrough Multisector ETF	73.45
GTEK	Goldman Sachs Future Tech Leaders Equity ETF	72.56
METV	Roundhill Ball Metaverse ETF	72.40
ARKF	ARK Fintech Innovation ETF	72.37
DTEC	ALPS Disruptive Technologies ETF	72.30
THNQ	ROBO Global Artificial Intelligence ETF	71.79

## Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
MSOS	AdvisorShares Pure US Cannabis ETF	-3.91%
MJUS	ETFMG U.S. Alternative Harvest ETF	-3.64%
CGW	Invesco S&P Global Water Index ETF	-0.52%
FIW	First Trust Water ETF	-0.24%
PHO	Invesco Water Resources ETF	-0.23%
PIO	Invesco Global Water ETF	0.20%
EVX	VanEck Environmental Services ETF	0.22%
SBIO	ALPS Medical Breakthroughs ETF	0.27%
MJ	ETFMG Alternative Harvest ETF	0.32%
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastruct..	0.35%

## Thematic Most Oversold

Ticker	Fund	Price
ACES	ALPS Clean Energy ETF	49.13
REMX	VanEck Rare Earth/Strategic Metals ETF	49.51
PBW	Invesco WilderHill Clean Energy ETF	50.30
MJ	ETFMG Alternative Harvest ETF	50.93
LIT	Global X Lithium & Battery Tech ETF	51.22
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	51.57
MJUS	ETFMG U.S. Alternative Harvest ETF	51.86
BATT	Amplify Lithium & Battery Technology ETF	52.67
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	52.77
MSOS	AdvisorShares Pure US Cannabis ETF	52.86

\* 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	\$251M
KWEB	KraneShares CSI China Internet ETF	\$156M
TAN	Invesco Solar ETF	\$56M
ARKG	ARK Genomic Revolution ETF	\$42M
AIQ	Global X Artificial Intelligence & Technology ETF	\$17M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$13M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$11M
ICLN	iShares Global Clean Energy ETF	\$7M
IZRL	ARK Israel Innovative Technology ETF	\$6M
FMIL	Fidelity New Millennium ETF	\$5M

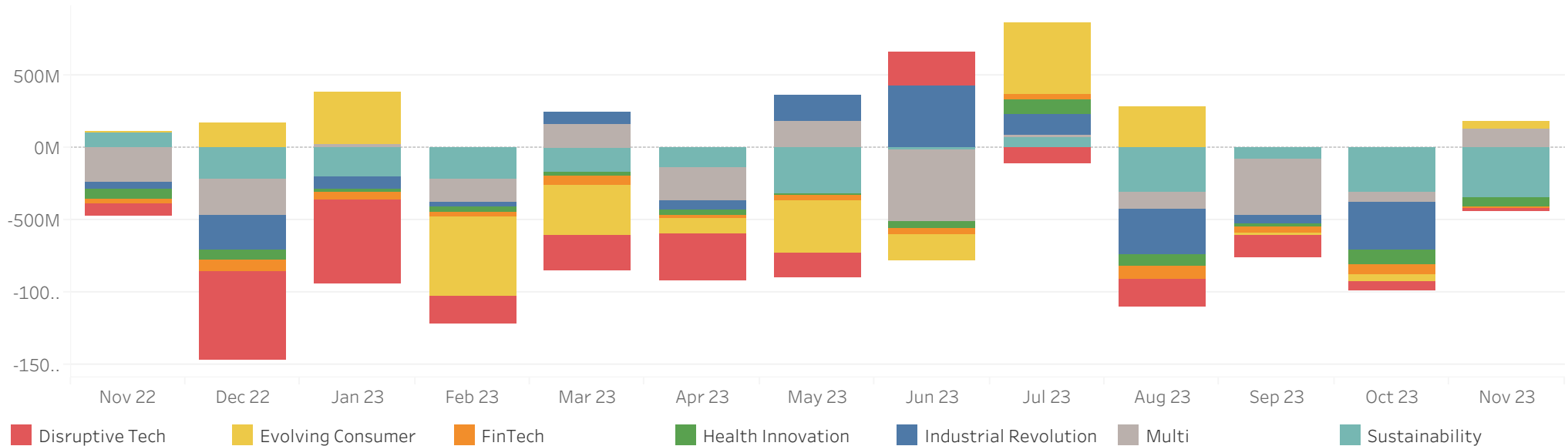
## Thematic 1 Week Flow Laggards

Ticker	Fund	
GTEK	Goldman Sachs Future Tech Leaders Equity ETF	(\$46M)
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	(\$46M)
GBUY	Goldman Sachs Future Consumer Equity ETF	(\$45M)
REMX	VanEck Rare Earth/Strategic Metals ETF	(\$12M)
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Security Fund	(\$11M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$9M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$9M)
PHO	Invesco Water Resources 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	(\$28M)	(\$256M)	(\$325M)	(\$2,493M)
Evolving Consumer	37	\$9B	\$154M	(\$34M)	\$509M	(\$239M)
FinTech	17	\$3B	(\$5M)	(\$128M)	(\$209M)	(\$514M)
Health Innovation	18	\$2B	\$30M	(\$169M)	(\$251M)	(\$520M)
Industrial Revolution	30	\$10B	(\$2M)	(\$416M)	\$89M	(\$309M)
Multi	35	\$15B	\$215M	(\$183M)	(\$842M)	(\$1,469M)
Sustainability	40	\$12B	\$14M	(\$773M)	(\$1,120M)	(\$2,170M)
Grand Total	211	\$67B	\$378M	(\$1,958M)	(\$2,148M)	(\$7,713M)

## Thematic Monthly Flows

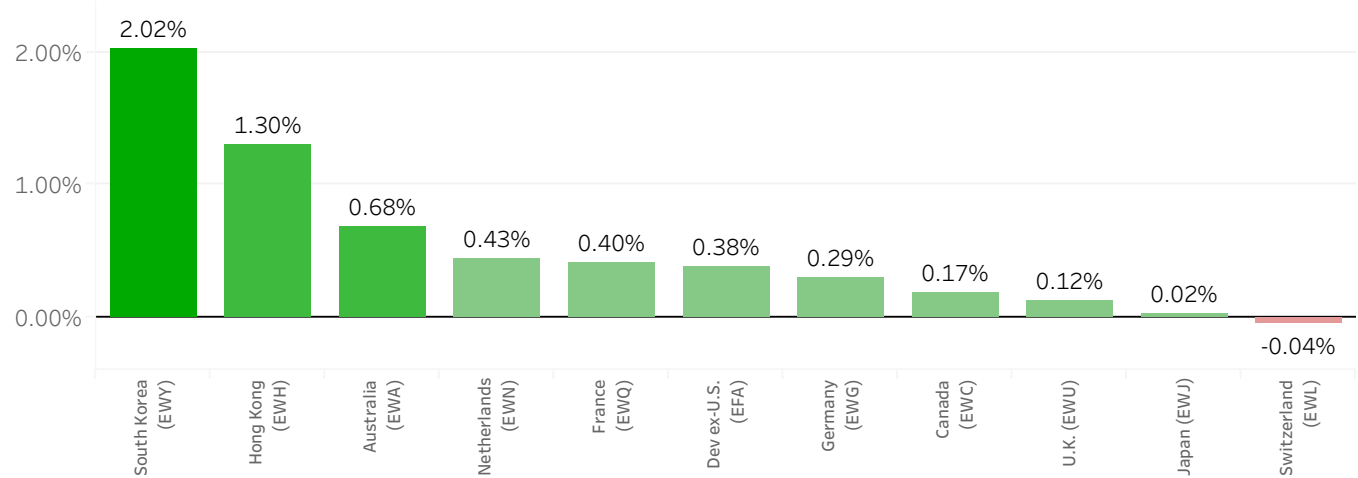


\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day

Developed ex-U.S. (EFA)



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



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



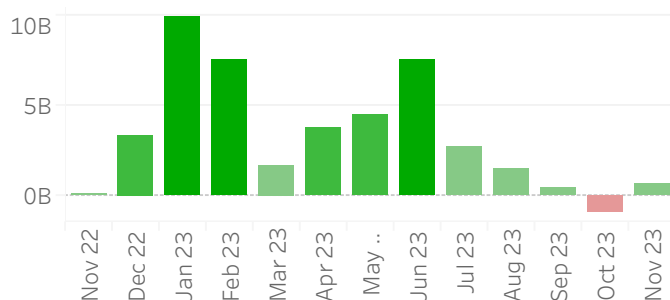
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWY	iShares MSCI South Korea ETF	2.02%
FLKR	Franklin FTSE South Korea ETF	1.99%
ENZL	iShares MSCI New Zealand ETF	1.69%
NORW	Global X MSCI Norway ETF	1.66%
AIA	iShares Asia 50 ETF	1.65%
MINV	Matthews Asia Innovators Active ETF	1.47%
EWH	iShares MSCI Hong Kong ETF	1.30%
EDEN	iShares MSCI Denmark ETF	1.29%
EWD	iShares MSCI Sweden ETF	1.21%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	1.21%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
BKCI	BNY Mellon Concentrated International ETF	78.45
EWG	iShares MSCI Germany ETF	78.10
EWSP	iShares MSCI Spain ETF	77.96
EWN	iShares MSCI Netherlands ETF	77.04
FEZ	SPDR EURO STOXX 50 ETF	76.93
DAX	Global X DAX Germany ETF	76.52
EZU	iShares MSCI Eurozone ETF	76.42
EWO	iShares MSCI Austria ETF	75.34
EFG	iShares MSCI EAFE Growth ETF	74.83
IMTM	iShares MSCI Intl Momentum Factor ETF	74.32

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	-1.26%
DXJ	WisdomTree Japan Hedged Equity Fund	-1.06%
HEWJ	iShares Currency Hedged MSCI Japan ETF	-0.84%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	-0.77%
EWJV	iShares MSCI Japan Value ETF	-0.59%
DFJ	WisdomTree Japan SmallCap Dividend Fund	-0.27%
DDLS	WisdomTree Dynamic Currency Hedged International Sma..	-0.16%
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	-0.14%
IVAL	Alpha Architect International Quantitative Value ETF	-0.13%
DDWM	WisdomTree Dynamic Currency Hedged International Equi..	-0.12%

Developed ex-U.S. Most Oversold

Ticker	Fund	Price
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	52.00
EWS	iShares MSCI Singapore ETF	54.38
DFJ	WisdomTree Japan SmallCap Dividend Fund	56.54
EWJV	iShares MSCI Japan Value ETF	56.89
DXJ	WisdomTree Japan Hedged Equity Fund	58.01
SCJ	iShares MSCI Japan Small-Cap ETF	58.57
FJP	First Trust Japan AlphaDEX Fund	58.78
ENZL	iShares MSCI New Zealand ETF	59.47
EIRL	iShares MSCI Ireland ETF	60.29
EWH	iShares MSCI Hong Kong ETF	60.30

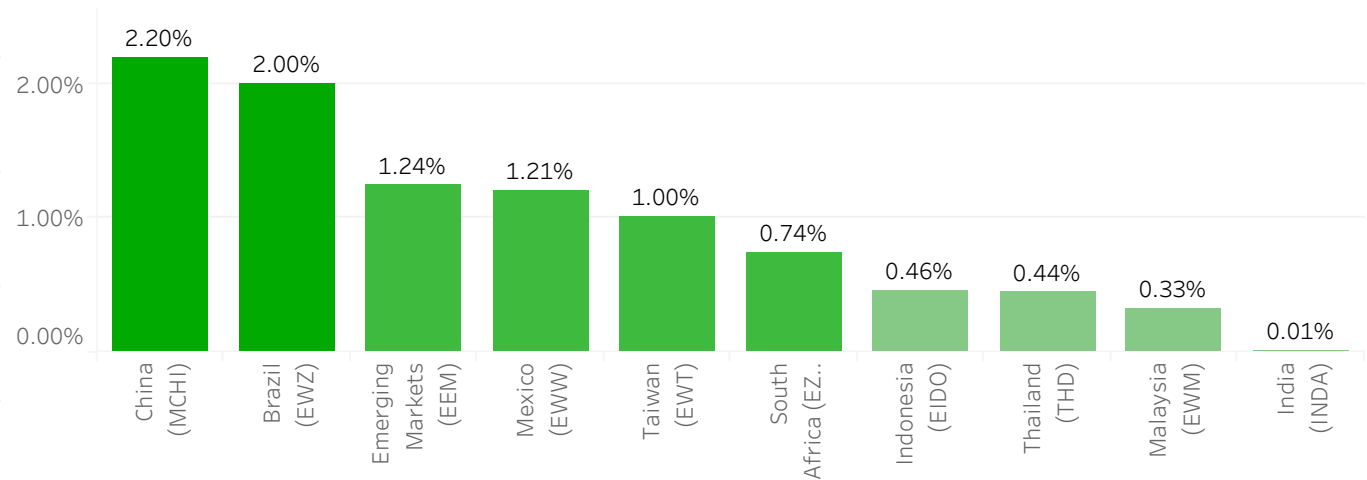
\*ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



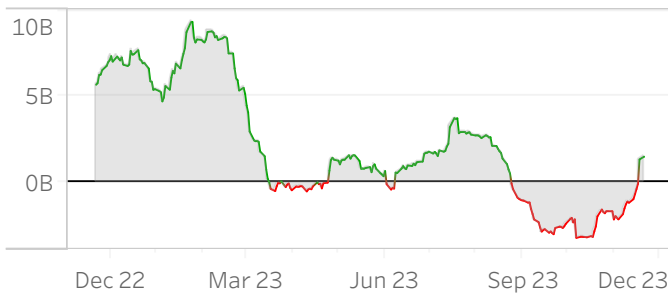
Emerging (EEM)



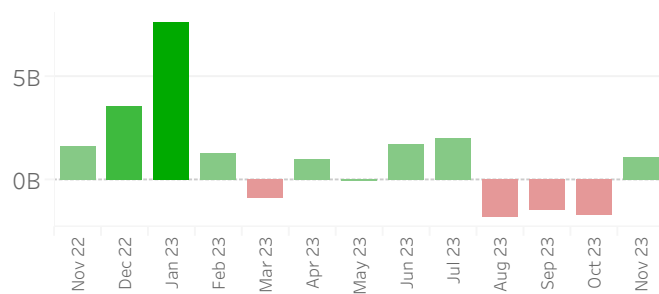
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
PGJ	Invesco Golden Dragon China ETF	3.70%
ECNS	iShares MSCI China Small-Cap ETF	2.23%
MCHI	iShares MSCI China ETF	2.20%
FXI	iShares China Large-Cap ETF	2.18%
ECH	iShares MSCI Chile ETF	2.15%
EPOL	iShares MSCI Poland ETF	2.13%
FLCH	Franklin FTSE China ETF	2.12%
GXC	SPDR S&P China ETF	2.12%
EWZ	iShares MSCI Brazil ETF	2.00%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	1.87%

Emerging Most Overbought

Ticker	Fund	Price
ARGT	Global X MSCI Argentina ETF	76.45
EPOL	iShares MSCI Poland ETF	75.16
FLTW	Franklin FTSE Taiwan ETF	74.65
FLLA	Franklin FTSE Latin America ETF	74.56
EWT	iShares MSCI Taiwan ETF	74.15
ILF	iShares Latin America 40 ETF	73.76
FRDM	Freedom 100 Emerging Markets ETF	73.64
EWZ	iShares MSCI Brazil ETF	72.95
FLBR	Franklin FTSE Brazil ETF	72.88
DVYE	iShares Emerging Markets Dividend ETF	72.55

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
QAT	iShares MSCI Qatar ETF	-0.23%
PIN	Invesco India ETF	-0.21%
INDY	iShares India 50 ETF	-0.20%
FLIN	Franklin FTSE India ETF	-0.02%
INDA	iShares MSCI India ETF	0.01%
EPI	WisdomTree India Earnings Fund	0.05%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	0.06%
SMIN	iShares MSCI India Small Cap ETF	0.08%
EWM	iShares MSCI Malaysia ETF	0.33%
NUEM	Nuveen ESG Emerging Markets Equity ETF	0.41%

Emerging Most Oversold

Ticker	Fund	Price
TUR	iShares MSCI Turkey ETF	52.21
RAYC	Rayliant Quantamental China Equity ETF	52.81
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	52.99
KWT	iShares MSCI Kuwait ETF	53.83
VNM	VanEck Vietnam ETF	54.13
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	54.49
FXI	iShares China Large-Cap ETF	55.04
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	55.85
FLCH	Franklin FTSE China ETF	57.51
CNYA	iShares MSCI China A ETF	57.52

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

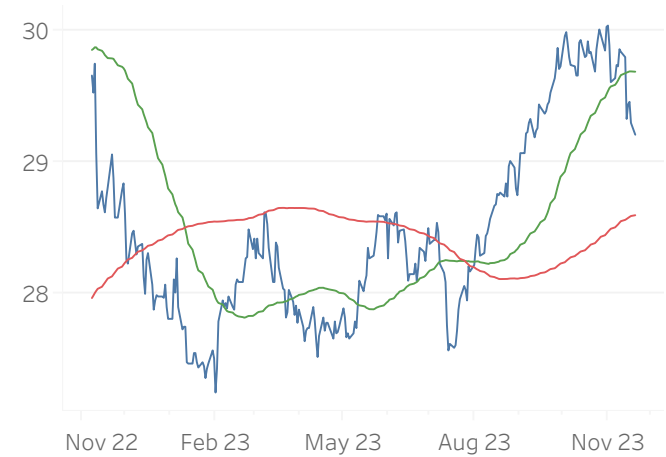
Fixed Income (AGG)



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	0.16%	4.00%	0.98%
SHY	1-3 Year Treasury Bonds	0.01%	0.72%	2.57%
IEF	7-10 Year Treasury Bonds	0.14%	3.86%	-0.92%
TLT	20+ Year Treasury Bonds	0.61%	9.20%	-6.43%
TIP	TIPS Bonds	0.30%	2.32%	0.94%
FLOT	Floating Rate Bonds	0.06%	0.46%	5.69%
LQD	Investment Grade Corporate	0.40%	6.61%	2.87%
HYG	High Yield Corporate	0.11%	4.61%	6.86%
BKLN	Senior Loan	-0.04%	1.16%	10.22%
PFF	Preferred & Income Securities	0.15%	6.54%	4.47%
MUB	Municipal Bonds	0.35%	4.01%	1.94%
MBB	MBS	0.02%	4.99%	-0.06%
EMB	Dollar Denominated EM Bonds	0.63%	6.19%	4.41%
LEMB	Local Currency EM Bond	0.78%	5.90%	4.38%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.86%	-2.91%	-6.11%
DBE	Energy	1.74%	-8.14%	-4.46%
USO	WTI Crude Oil	2.19%	-10.41%	3.12%
BNO	Brent Crude Oil	2.14%	-9.42%	3.04%
UNG	Natural Gas	-2.76%	-11.65%	-57.52%
UGA	Gasoline	2.00%	-5.20%	5.52%
DBP	Precious Metals	-0.34%	-0.12%	5.34%
GLD	Gold	-0.16%	-0.12%	8.09%
SLV	Silver	-1.24%	0.37%	-2.45%
PPLT	abrdn Physical Platin..	2.38%	2.83%	-14.37%
PALL	abrdn Physical Palla..	2.30%	-2.22%	-39.74%
DBB	Base Metals	1.18%	5.00%	-2.83%
CPER	Copper	1.72%	7.29%	2.60%
DBA	Agriculture	0.27%	1.00%	9.88%
CORN	Corn	0.09%	-3.11%	-17.97%
SOYB	Soybeans	1.59%	4.04%	0.24%
WEAT	Wheat	-0.72%	-5.79%	-30.70%
CANE	Sugar	1.52%	2.89%	60.76%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.31%	-2.11%	5.03%
UDN	Short Dollar	0.42%	3.10%	2.43%
FXE	Euro	0.33%	3.51%	3.69%
FXB	British Pound Sterling	0.42%	3.12%	6.14%
FXF	Swiss Franc	0.09%	0.80%	4.19%
FXJ	Japanese Yen	0.94%	0.97%	-11.97%
FXC	Canadian Dollar	-0.07%	0.15%	0.52%
FXA	Australian Dollar	0.73%	4.08%	-2.71%

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

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