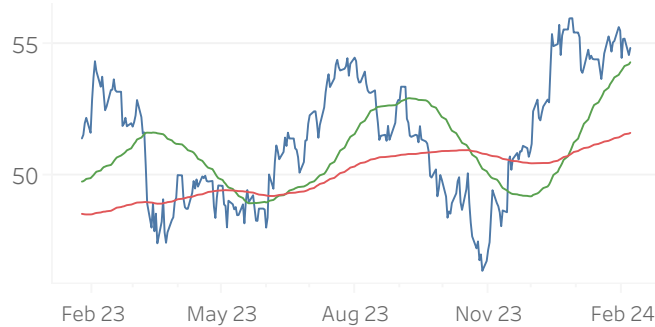


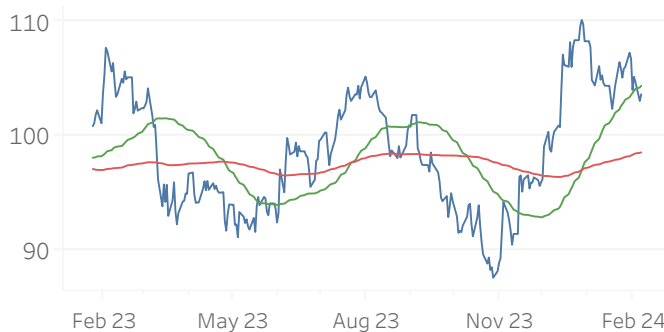
Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

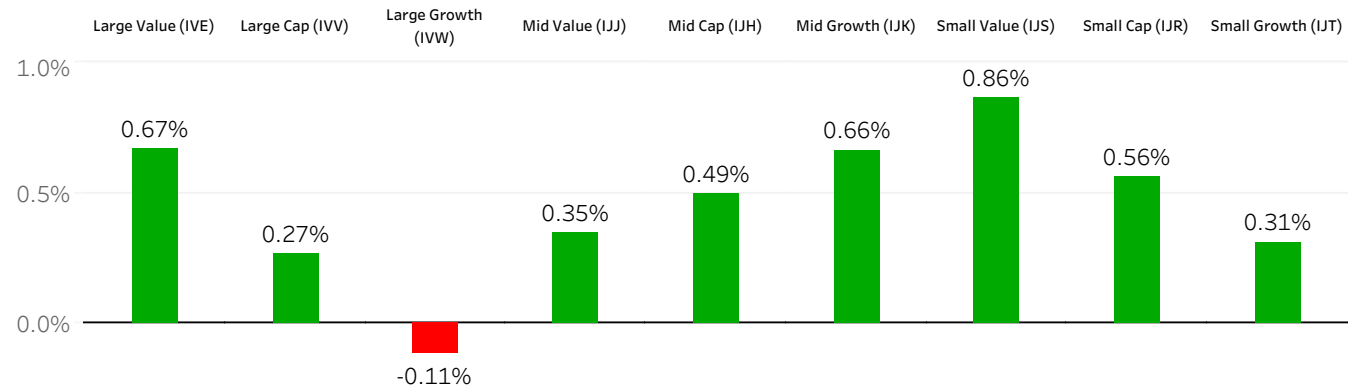


Small Cap Blend (S&P 600) IJR



■ 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
BUZZ	VanEck Social Sentiment ETF	2.47%
CSD	Invesco S&P Spin-Off ETF	1.76%
AIEQ	Amplify AI Powered Equity ETF	1.75%
IPO	Renaissance IPO ETF	1.46%
TMFS	Motley Fool Small-Cap Growth ETF	1.33%
QQQN	VictoryShares Nasdaq Next 50 ETF	1.32%
QQQJ	Invesco NASDAQ Next Gen 100 ETF	1.24%
FYC	First Trust Small Cap Growth AlphaDEX Fund	1.17%
IWC	iShares Micro-Cap ETF	1.13%
BBSC	JPMorgan BetaBuilders U.S. Small Cap Equity ETF	1.13%

Size & Style Most Overbought

Ticker	Fund	Price
SPMO	Invesco S&P 500 Momentum ETF	79.02
XMMO	Invesco S&P MidCap Momentum ETF	76.13
MBCC	Monarch Blue Chips Core ETF	75.39
PWB	Invesco Large Cap Growth ETF	75.08
PALC	Pacer Lunt Large Cap Multi-Factor Alternator ETF	73.60
FDMO	Fidelity Momentum Factor ETF	73.16
MTUM	iShares MSCI USA Momentum Factor ETF	72.88
JMOM	JPMorgan U.S. Momentum Factor ETF	72.87
SIXA	ETC 6 Meridian Mega Cap Equity ETF	72.06
GVIP	Goldman Sachs Hedge Industry VIP ETF	71.58

Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
RPHS	Regents Park Hedged Market Strategy ETF	-0.54%
QQH	HCM Defender 100 Index ETF	-0.51%
MTUM	iShares MSCI USA Momentum Factor ETF	-0.44%
AUSF	Global X Adaptive U.S. Factor ETF	-0.42%
WINN	Harbor Long-Term Growers ETF	-0.40%
PWB	Invesco Large Cap Growth ETF	-0.36%
MGMT	Ballast Small/Mid Cap ETF	-0.33%
GVIP	Goldman Sachs Hedge Industry VIP ETF	-0.32%
SPMO	Invesco S&P 500 Momentum ETF	-0.29%
VEGN	US Vegan Climate ETF	-0.28%

Size & Style Most Oversold

Ticker	Fund	Price
SVAL	iShares US Small Cap Value Factor ETF	36.02
DIV	Global X SuperDividend US ETF	37.98
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	38.43
PEY	Invesco High Yield Equity Dividend Achievers ETF	38.57
FDM	First Trust Dow Jones Select MicroCap Index Fund	38.60
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	38.83
SMDV	ProShares Russell 2000 Dividend Growers ETF	39.26
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	40.32
DVY	iShares Select Dividend ETF	40.77
CSB	VictoryShares US Small Cap High Dividend Volatility ..	41.44

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

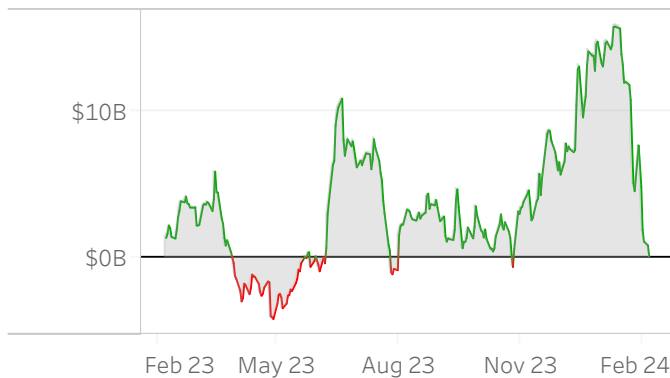
Large-Cap 30-Day Rolling Flows



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	\$1,742B	(\$12.55B)	\$71.25B	\$109.63B	\$161.30B
Large Cap, Beta, Beta: Growth	10	\$339B	\$0.59B	\$5.32B	\$14.31B	\$19.24B
Large Cap, Beta, Beta: Value	11	\$244B	\$0.59B	\$5.98B	\$7.06B	(\$0.70B)
Mid Cap, Beta, Beta	10	\$208B	(\$0.01B)	\$0.49B	\$1.82B	\$6.39B
Mid Cap, Beta, Beta: Growth	6	\$39B	(\$0.02B)	\$0.46B	\$0.43B	\$1.47B
Mid Cap, Beta, Beta: Value	6	\$40B	(\$0.01B)	(\$0.08B)	(\$1.03B)	(\$2.41B)
Small Cap, Beta, Beta	11	\$219B	(\$2.29B)	\$7.23B	\$9.72B	\$14.34B
Small Cap, Beta, Beta: Growth	7	\$36B	\$0.14B	\$0.80B	\$1.40B	\$1.55B
Small Cap, Beta, Beta: Value	7	\$50B	(\$0.10B)	\$0.11B	(\$0.53B)	(\$2.03B)

U.S. Size & Style Flow Leaders

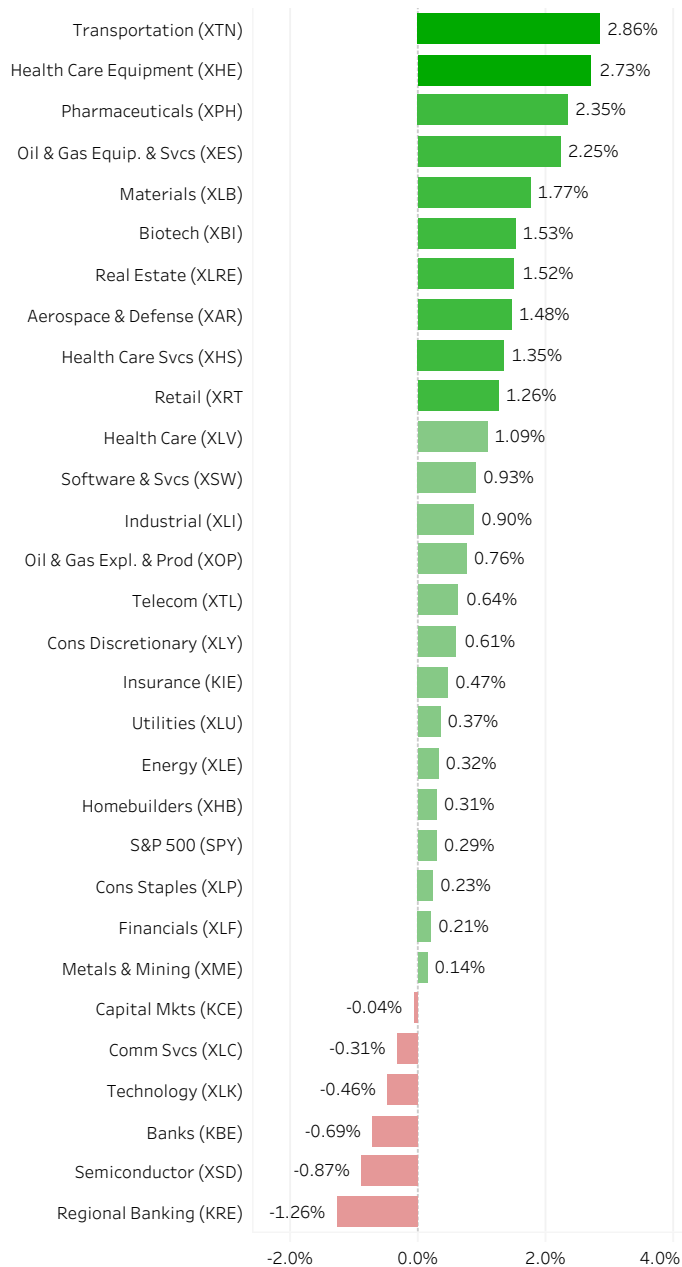
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	\$1.46B	\$23.99B	\$40.27B	\$51.24B	\$428.24B
VOO	Vanguard S&P 500 ETF	\$1.05B	\$17.76B	\$27.80B	\$52.91B	\$397.55B
VTI	Vanguard Total Stock Market ETF	\$0.54B	\$8.61B	\$14.26B	\$22.83B	\$361.14B
SPHQ	Invesco S&P 500 Quality ETF	\$0.27B	\$0.59B	\$1.44B	\$2.02B	\$7.70B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.26B	\$4.14B	\$6.24B	\$8.18B	\$28.36B
QQQM	Invesco NASDAQ 100 ETF	\$0.25B	\$4.19B	\$5.00B	\$10.28B	\$21.81B
CALF	Pacer US Small Cap Cash Cows 100 ETF	\$0.25B	\$3.01B	\$4.28B	\$5.31B	\$7.85B
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ..	\$0.22B	\$2.67B	\$4.51B	\$7.48B	\$9.88B
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	\$0.21B	\$0.53B	\$1.01B	\$2.99B	\$5.68B
IWF	iShares Russell 1000 Growth ETF	\$0.21B	\$0.39B	\$2.98B	\$1.55B	\$85.31B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust Series I	(\$2.84B)	\$4.22B	\$6.35B	\$14.72B	\$243.47B
IWM	iShares Russell 2000 ETF	(\$2.65B)	\$2.12B	\$2.66B	\$2.10B	\$58.47B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.73B)	\$0.34B	(\$0.78B)	(\$0.94B)	\$32.54B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.39B)	\$4.46B	\$3.67B	\$10.60B	\$48.63B
SPLV	Invesco S&P 500 Low Volatility ETF	(\$0.35B)	(\$0.60B)	(\$1.23B)	(\$2.24B)	\$7.91B
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	(\$0.28B)	(\$0.03B)	(\$0.13B)	(\$0.79B)	\$6.57B
ESGU	iShares ESG Aware MSCI USA ETF	(\$0.23B)	(\$0.63B)	(\$1.09B)	(\$9.11B)	\$13.10B
BBSC	JPMorgan BetaBuilders U.S. Small Cap Equity..	(\$0.20B)	(\$0.16B)	(\$0.21B)	(\$0.06B)	\$0.61B
IJH	iShares Core S&P Mid-Cap ETF	(\$0.18B)	(\$0.99B)	(\$0.86B)	\$3.49B	\$75.52B
OEF	iShares S&P 100 ETF	(\$0.16B)	(\$1.58B)	\$1.17B	\$1.12B	\$11.12B

\* 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)
XLI	Industrial Select Sector SPDR Fund	0.00%	20.26%	3.50%	9.46%	64.90
XLV	Health Care Select Sector SPDR Fund	0.00%	16.92%	5.00%	8.66%	76.12
SPY	SPDR S&P 500 ETF Trust	-0.07%	28.19%	4.17%	10.84%	66.77
XLF	Financial Select Sector SPDR Fund	-1.04%	25.34%	3.55%	12.15%	64.11
XLK	Technology Select Sector SPDR Fund	-1.14%	48.89%	4.75%	15.23%	60.89
XLC	Communication Services Select Sector SPDR Fund	-1.71%	49.98%	7.08%	16.00%	64.22
XLY	Consumer Discretionary Select Sector SPDR Fund	-3.05%	27.26%	0.48%	5.90%	53.95
XLB	Materials Select Sector SPDR Fund	-4.41%	10.68%	-1.31%	1.82%	47.38
XLP	Consumer Staples Select Sector SPDR Fund	-4.67%	11.57%	2.70%	2.40%	60.62
XLRE	Real Estate Select Sector SPDR Fund	-5.88%	18.42%	-2.17%	3.36%	44.94
XLE	Energy Select Sector SPDR Fund	-10.48%	9.13%	0.32%	-1.06%	53.00
XLU	Utilities Select Sector SPDR Fund	-13.63%	7.55%	-3.81%	-4.87%	39.78

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XTN	SPDR S&P Transportation ETF	2.86%
XHE	SPDR S&P Health Care Equipment ETF	2.73%
XPH	SPDR S&P Pharmaceuticals ETF	2.35%
IYT	iShares US Transportation ETF	2.35%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	2.25%
IHI	iShares U.S. Medical Devices ETF	1.95%
FBT	First Trust NYSE Arca Biotechnology Index Fund	1.93%
PSCH	Invesco S&P SmallCap Health Care ETF	1.81%
XLB	Materials Select Sector SPDR Fund	1.77%
FXH	First Trust Health Care AlphaDEX Fund	1.75%

### Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
PINK	Simplify Health Care ETF	77.33
XLV	Health Care Select Sector SPDR Fund	76.12
IYH	iShares U.S. Healthcare ETF	75.88
VHT	Vanguard Health Care ETF	74.04
IHE	iShares U.S. Pharmaceuticals ETF	73.55
FHLC	Fidelity MSCI Health Care Index ETF	73.44
IHI	iShares U.S. Medical Devices ETF	70.42
KBWP	Invesco KBW Property & Casualty Insurance ETF	69.74
PRN	Invesco Dorsey Wright Industrials Momentum ETF	67.13
RSPH	Invesco S&P 500 Equal Weight Health Care ETF	66.29

### Sector & Industry 1 Day Performance Laggards

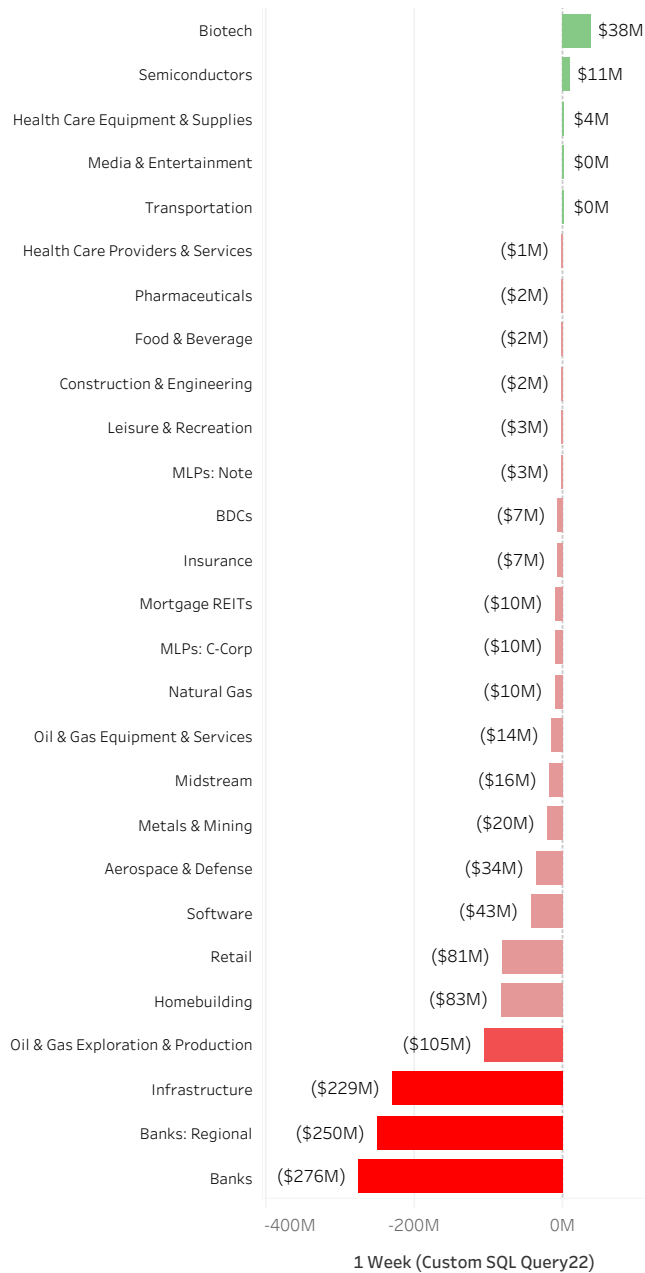
Ticker	Fund	1 Day Performance
KBWR	Invesco KBW Regional Banking ETF	-1.57%
PSI	Invesco Semiconductors ETF	-1.37%
KRE	SPDR S&P Regional Banking ETF	-1.26%
SOXX	iShares Semiconductor ETF	-1.17%
FTXL	First Trust Nasdaq Semiconductor ETF	-1.14%
SOXQ	Invesco PHLX Semiconductor ETF	-1.10%
IGPT	Invesco AI and Next Gen Software ETF	-0.91%
XSD	SPDR S&P Semiconductor ETF	-0.87%
FTXO	First Trust Nasdaq Bank ETF	-0.81%
QABA	First Trust NASDAQ ABA Community Bank Index Fund	-0.71%

### Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
KBWR	Invesco KBW Regional Banking ETF	31.70
QABA	First Trust NASDAQ ABA Community Bank Index Fund	32.22
KBWD	Invesco KBW High Dividend Yield Financial ETF	32.85
KBWY	Invesco KBW Premium Yield Equity REIT ETF	33.16
KRE	SPDR S&P Regional Banking ETF	33.23
RIET	Hoya Capital High Dividend Yield ETF	34.83
MORT	VanEck Mortgage REIT Income ETF	36.28
REM	iShares Mortgage Real Estate ETF	36.65
KBE	SPDR S&P Bank ETF	36.95
BIZD	VanEck BDC Income ETF	37.24

\* 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	\$23B	\$97M	\$1,117M	\$574M	\$3,606M
Consumer Discretionary	12	\$29B	\$259M	\$1,617M	\$1,235M	\$3,123M
Consumer Staples	10	\$26B	\$577M	(\$1,162M)	(\$4,178M)	(\$2,919M)
Energy	30	\$69B	(\$1,096M)	(\$2,801M)	\$597M	(\$7,500M)
Financials	26	\$63B	(\$532M)	\$3,625M	(\$3,024M)	\$27M
Health Care	23	\$91B	\$772M	(\$1,018M)	(\$4,781M)	(\$8,448M)
Industrial	13	\$37B	(\$5M)	\$461M	(\$914M)	\$1,167M
Materials	9	\$11B	(\$285M)	(\$807M)	(\$2,179M)	(\$3,346M)
Multi-Sector	16	\$20B	(\$386M)	(\$150M)	(\$503M)	\$2,437M
Real Estate	25	\$57B	(\$656M)	\$1,871M	\$1,111M	(\$1,289M)
Technology	23	\$187B	\$298M	\$6,286M	\$9,275M	\$9,041M
Utilities	9	\$19B	(\$318M)	(\$1,238M)	(\$2,589M)	(\$2,840M)

## U.S. Sector & Industry Flow Leaders

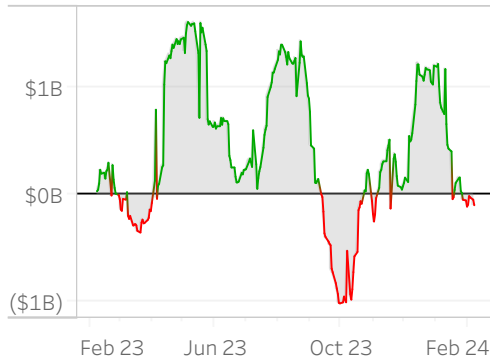
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	\$509M	(\$196M)	(\$2,404M)	(\$2,701M)	\$40,379M
XLP	Consumer Staples Select Sector SPDR Fund	\$461M	(\$666M)	(\$1,753M)	(\$655M)	\$15,936M
VGT	Vanguard Information Technology ETF	\$313M	\$2,085M	\$2,267M	\$1,302M	\$62,884M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$234M	\$1,183M	\$1,399M	\$1,872M	\$19,024M
VHT	Vanguard Health Care ETF	\$155M	(\$145M)	(\$574M)	(\$648M)	\$17,445M
VPU	Vanguard Utilities ETF	\$136M	\$149M	(\$184M)	(\$76M)	\$4,721M
VIS	Vanguard Industrials ETF	\$131M	\$324M	(\$83M)	\$296M	\$4,633M
VDE	Vanguard Energy ETF	\$125M	\$159M	\$93M	(\$44M)	\$7,916M
VDC	Vanguard Consumer Staples ETF	\$124M	(\$16M)	(\$445M)	(\$205M)	\$6,620M
VAW	Vanguard Materials ETF	\$124M	\$82M	(\$295M)	(\$219M)	\$2,702M

## U.S. Sector & Industry Flow Laggards

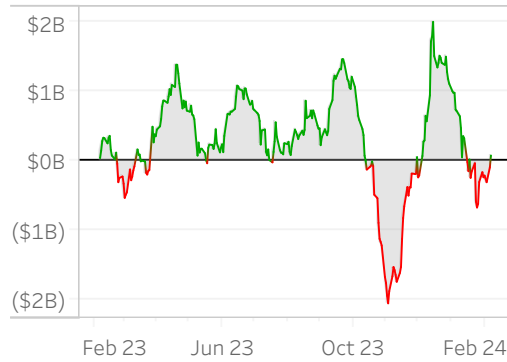
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	(\$1,046M)	(\$1,944M)	\$514M	(\$2,840M)	\$35,207M
IYR	iShares U.S. Real Estate ETF	(\$763M)	\$549M	\$413M	(\$92M)	\$3,392M
XLU	Utilities Select Sector SPDR Fund	(\$457M)	(\$1,284M)	(\$1,828M)	(\$1,712M)	\$12,118M
XLB	Materials Select Sector SPDR Fund	(\$366M)	(\$476M)	(\$1,088M)	(\$855M)	\$4,990M
KRE	SPDR S&P Regional Banking ETF	(\$245M)	(\$86M)	(\$307M)	\$951M	\$2,874M
PAVE	Global X U.S. Infrastructure Development ETF	(\$241M)	(\$27M)	\$321M	\$1,184M	\$5,864M
KBE	SPDR S&P Bank ETF	(\$152M)	\$555M	\$345M	\$255M	\$1,788M
KBWB	Invesco KBW Bank ETF	(\$122M)	\$60M	(\$484M)	\$35M	\$1,495M
XLF	Financial Select Sector SPDR Fund	(\$107M)	\$2,577M	(\$2,114M)	\$232M	\$36,198M
XLI	Industrial Select Sector SPDR Fund	(\$97M)	(\$86M)	(\$1,038M)	(\$160M)	\$15,786M

\* 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



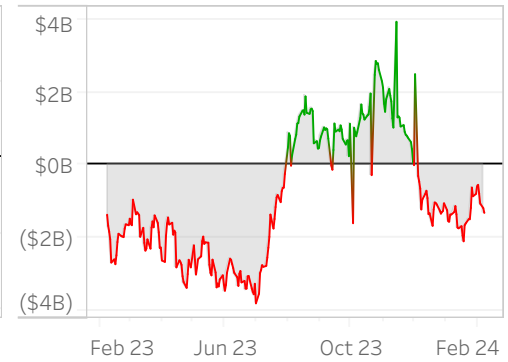
Consumer Discretionary



Consumer Staples



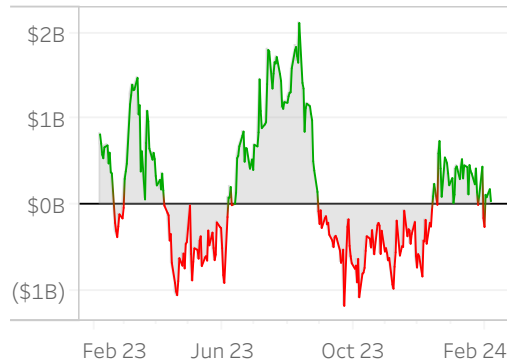
Energy



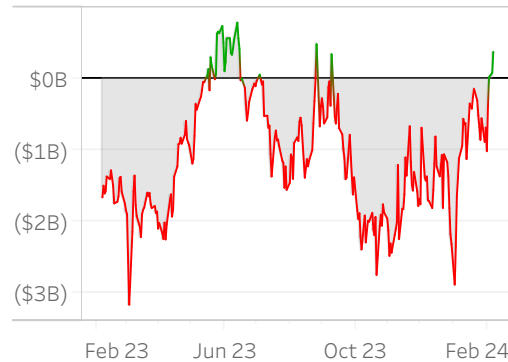
Financials



Industrial



Health Care



Materials



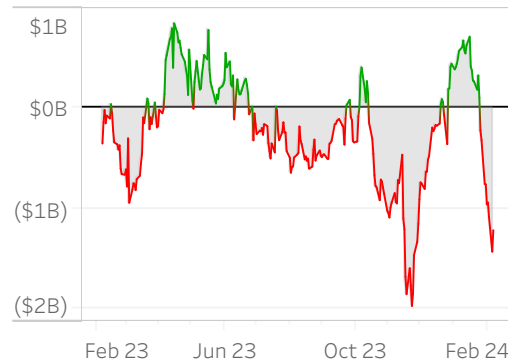
Real Estate



Technology



Utilities

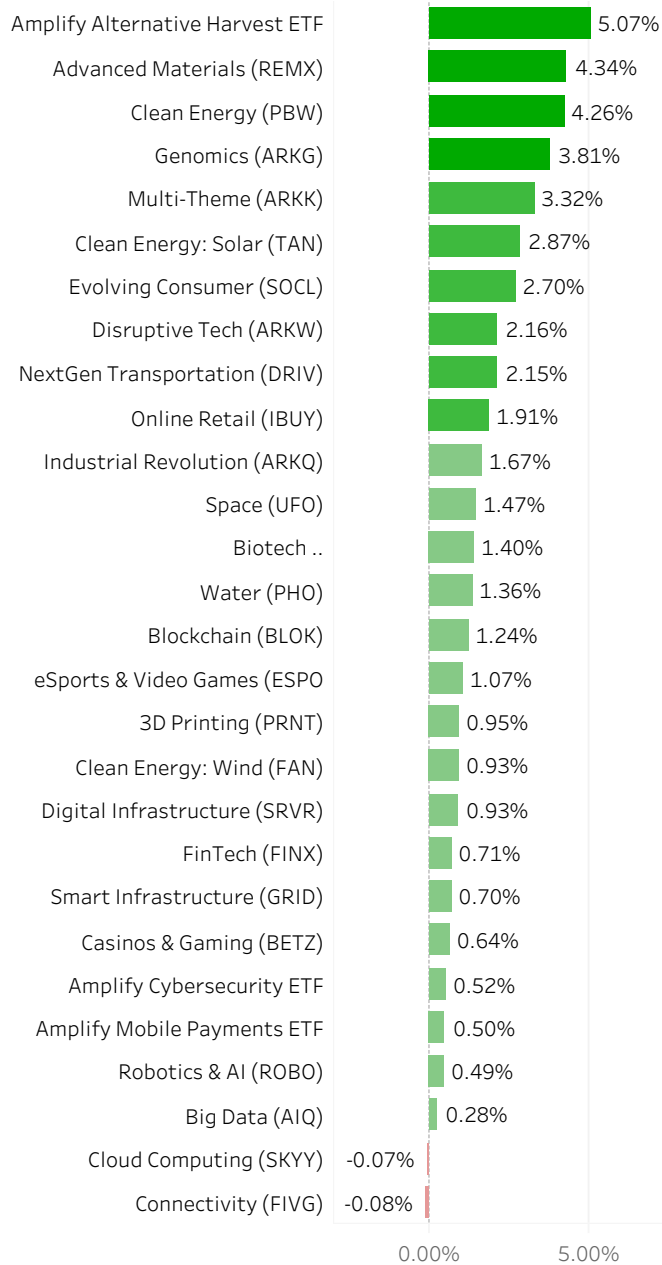


Multi-Sector

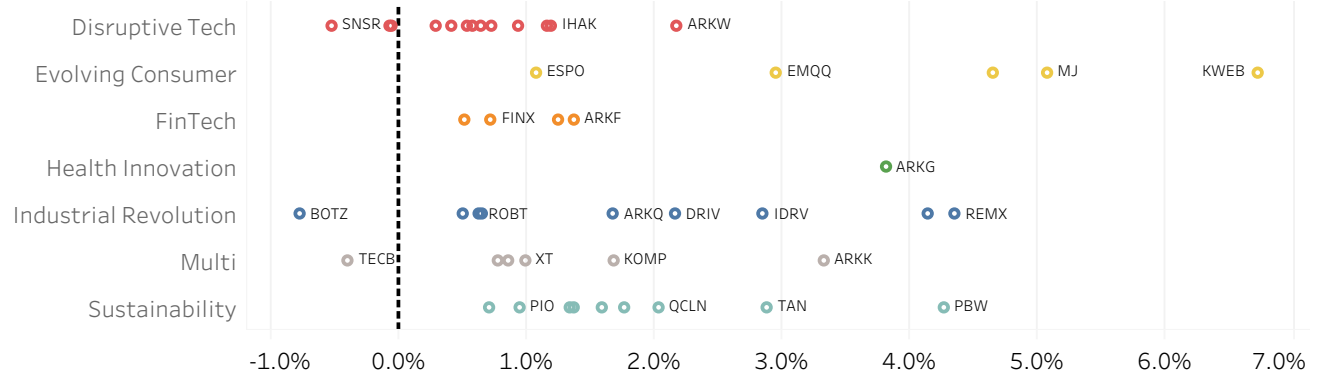


\* ETF Landscape represented using the ETF Action classification system \*\* Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\* Flows delayed one day

## Global Thematic Segment 1-Day Performance



## Global Thematic 1-Day Performance Landscape



## Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
KGRN	KraneShares MSCI China Clean Technology Index ETF	7.64%
KWEB	KraneShares CSI China Internet ETF	6.72%
MJ	Amplify Alternative Harvest ETF	5.07%
MSOS	AdvisorShares Pure US Cannabis ETF	4.64%
BKCH	Global X Blockchain ETF	4.56%
WGMI	Valkyrie Bitcoin Miners ETF	4.50%
REMX	VanEck Rare Earth/Strategic Metals ETF	4.34%
PBW	Invesco WilderHill Clean Energy ETF	4.26%
LIT	Global X Lithium & Battery Tech ETF	4.13%
DAPP	VanEck Digital Transformation ETF	4.07%

## Thematic Most Overbought

Ticker	Fund	Price
MSOS	AdvisorShares Pure US Cannabis ETF	71.52
MJUS	Amplify U.S. Alternative Harvest ETF	69.76
FCLD	Fidelity Cloud Computing ETF	66.85
GBUY	Goldman Sachs Future Consumer Equity ETF	66.84
MJ	Amplify Alternative Harvest ETF	66.71
ENTR	ERShares Entrepreneurs ETF	66.69
TECB	iShares U.S. Tech Breakthrough Multisector ETF	66.42
ESPO	VanEck Video Gaming and eSports ETF	66.33
SAMT	Strategas Macro Thematic Opportunities ETF	65.71
BETZ	Roundhill Sports Betting & iGaming ETF	65.17

## Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
BOTZ	Global X Robotics & Artificial Intelligence ETF	-0.78%
SNSR	Global X Internet of Things ETF	-0.53%
TECB	iShares U.S. Tech Breakthrough Multisector ETF	-0.41%
SAMT	Strategas Macro Thematic Opportunities ETF	-0.17%
WTAI	WisdomTree Artificial Intelligence and Innovation Fund	-0.10%
FIVG	Defiance Next Gen Connectivity ETF	-0.08%
SKYY	First Trust Cloud Computing ETF	-0.07%
ENTR	ERShares Entrepreneurs ETF	0.07%
QTUM	Defiance Quantum ETF	0.08%
GTEK	Goldman Sachs Future Tech Leaders Equity ETF	0.14%

## Thematic Most Oversold

Ticker	Fund	Price
REMX	VanEck Rare Earth/Strategic Metals ETF	29.83
BATT	Amplify Lithium & Battery Technology ETF	31.77
LIT	Global X Lithium & Battery Tech ETF	32.17
SMOG	VanEck Low Carbon Energy ETF	35.24
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	36.36
PBD	Invesco Global Clean Energy ETF	36.80
ERTH	Invesco MSCI Sustainable Future ETF	37.22
CTEC	Global X CleanTech ETF	38.33
TAN	Invesco Solar ETF	39.01
FAN	First Trust Global Wind Energy ETF	39.75

\* 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	
CIBR	First Trust NASDAQ Cybersecurity ETF	\$102M
MSOS	AdvisorShares Pure US Cannabis ETF	\$58M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$25M
WCBR	WisdomTree Cybersecurity Fund	\$13M
SPRX	Spear Alpha ETF	\$11M
QTUM	Defiance Quantum ETF	\$11M
WCLD	WisdomTree Cloud Computing Fund	\$10M
FMIL	Fidelity New Millennium ETF	\$7M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$7M
SKYY	First Trust Cloud Computing ETF	\$5M

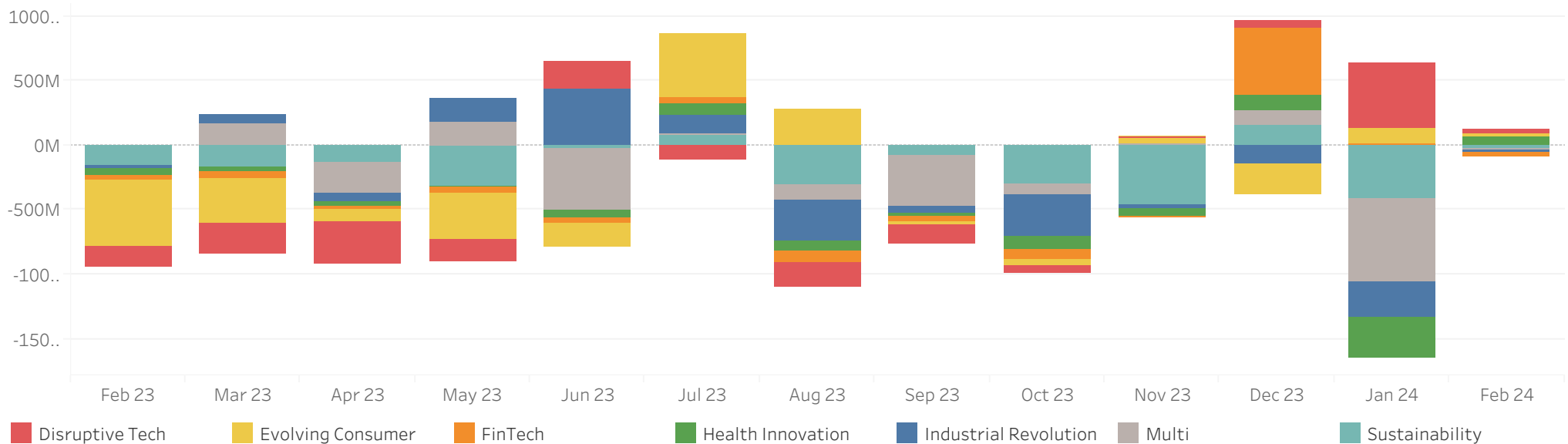
## Thematic 1 Week Flow Laggards

Ticker	Fund	
HACK	Amplify Cybersecurity ETF	(\$266M)
ARKK	ARK Innovation ETF	(\$138M)
BLOK	Amplify Transformational Data Sharing ETF	(\$60M)
AIQ	Global X Artificial Intelligence & Technology ETF	(\$28M)
KWEB	KraneShares CSI China Internet ETF	(\$28M)
LIT	Global X Lithium & Battery Tech ETF	(\$17M)
ICLN	iShares Global Clean Energy ETF	(\$15M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$14M)
ARKW	ARK Next Generation Internet ETF	(\$14M)
FIVG	Defiance Next Gen Connectivity ETF	(\$13M)

## Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$19B	\$27M	\$581M	\$192M	(\$570M)
Evolving Consumer	37	\$8B	\$23M	(\$29M)	(\$153M)	(\$824M)
FinTech	17	\$3B	(\$36M)	\$484M	\$285M	\$134M
Health Innovation	17	\$2B	\$68M	(\$178M)	(\$373M)	(\$486M)
Industrial Revolution	30	\$9B	(\$26M)	(\$502M)	(\$1,036M)	(\$405M)
Multi	35	\$15B	(\$6M)	(\$670M)	(\$836M)	(\$1,494M)
Sustainability	40	\$12B	(\$27M)	(\$606M)	(\$1,405M)	(\$2,186M)
Grand Total	209	\$69B	\$24M	(\$920M)	(\$3,327M)	(\$5,831M)

## Thematic Monthly Flows

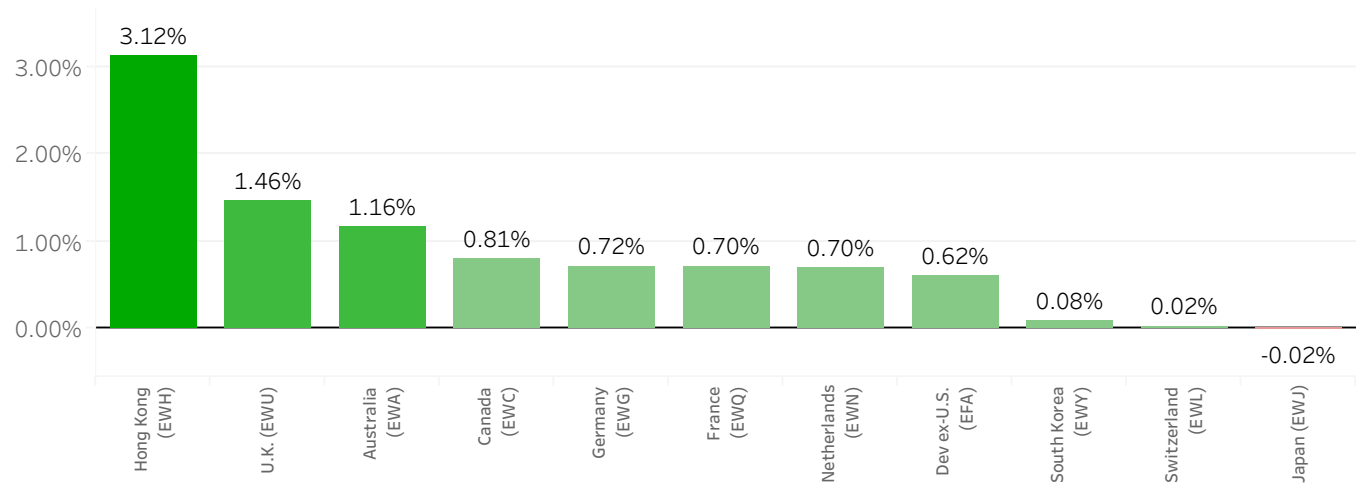


\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day

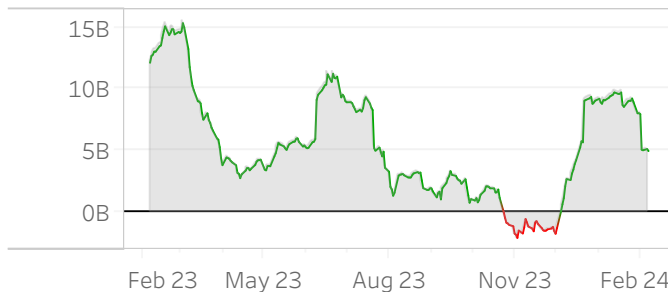
Developed ex-U.S. (EFA)



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



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



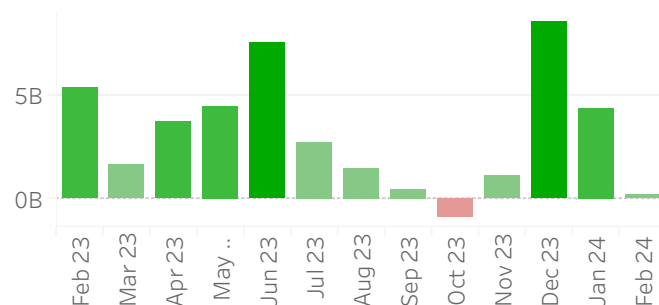
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWH	iShares MSCI Hong Kong ETF	3.12%
AIA	iShares Asia 50 ETF	2.77%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	2.58%
EWD	iShares MSCI Sweden ETF	1.72%
FKU	First Trust United Kingdom AlphaDEX Fund	1.64%
EIS	iShares MSCI Israel ETF	1.62%
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Japan ETF	1.47%
EWU	iShares MSCI United Kingdom ETF	1.46%
ISRA	VanEck Israel ETF	1.40%
FLGB	Franklin FTSE United Kingdom ETF	1.38%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	71.60
HEDJ	WisdomTree Europe Hedged Equity Fund	71.37
DXJ	WisdomTree Japan Hedged Equity Fund	70.12
HEFA	iShares Currency Hedged MSCI EAFE ETF	69.32
GREK	Global X MSCI Greece ETF	68.83
HEZU	iShares Currency Hedged MSCI Eurozone ETF	68.45
IHDG	WisdomTree International Hedged Quality Dividend Grow..	66.58
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	66.39
EWN	iShares MSCI Netherlands ETF	66.36
IMTM	iShares MSCI Intl Momentum Factor ETF	64.74

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	-0.73%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	-0.62%
HEWJ	iShares Currency Hedged MSCI Japan ETF	-0.60%
JPXN	iShares JPX-Nikkei 400 ETF	-0.44%
DXJ	WisdomTree Japan Hedged Equity Fund	-0.25%
FLKR	Franklin FTSE South Korea ETF	-0.18%
FJP	First Trust Japan AlphaDEX Fund	-0.18%
SCJ	iShares MSCI Japan Small-Cap ETF	-0.13%
DFJ	WisdomTree Japan SmallCap Dividend Fund	-0.12%
FSZ	First Trust Switzerland AlphaDEX Fund	-0.09%

Developed ex-U.S. Most Oversold

Ticker	Fund	Value
FDD	First Trust Stoxx European Select Dividend Index Fu..	35.96
EWP	iShares MSCI Spain ETF	43.15
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	43.24
FIDI	Fidelity International High Dividend ETF	44.09
EWO	iShares MSCI Austria ETF	44.11
EWS	iShares MSCI Singapore ETF	44.70
DTH	WisdomTree International High Dividend Fund	45.40
IDOG	ALPS International Sector Dividend Dogs ETF	46.64
RODM	Hartford Multifactor Developed Markets (ex-US) ETF	46.75
FKU	First Trust United Kingdom AlphaDEX Fund	46.76

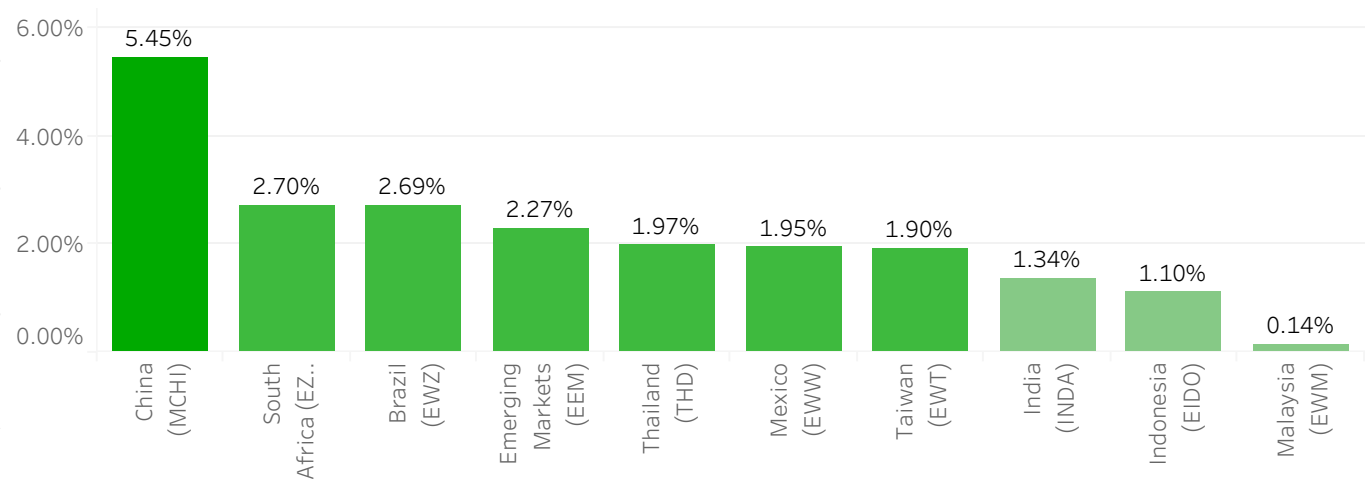
\*ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



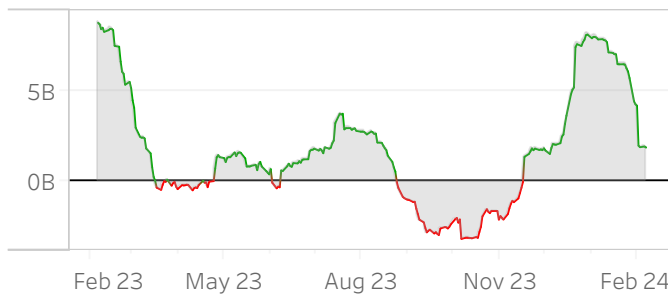
Emerging (EEM)



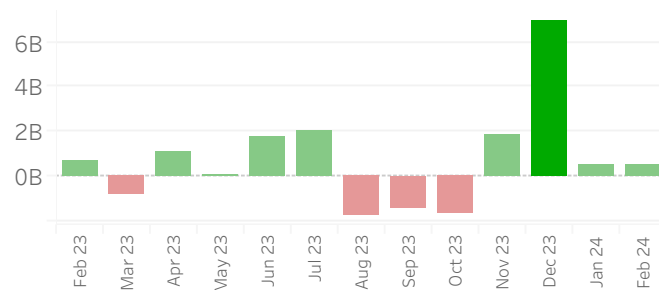
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	6.16%
PGJ	Invesco Golden Dragon China ETF	6.00%
FXI	iShares China Large-Cap ETF	5.71%
MCHI	iShares MSCI China ETF	5.45%
FLCH	Franklin FTSE China ETF	5.28%
CNYA	iShares MSCI China A ETF	5.16%
GXC	SPDR S&P China ETF	5.09%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	4.33%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	4.12%
BKF	iShares MSCI BIC ETF	3.25%

Emerging Most Overbought

Ticker	Fund	Price
GLIN	VanEck India Growth Leaders ETF	74.11
TUR	iShares MSCI Turkey ETF	72.36
EPI	WisdomTree India Earnings Fund	71.82
EYLD	Cambria Emerging Shareholder Yield ETF	71.54
SMIN	iShares MSCI India Small Cap ETF	67.41
NFTY	First Trust India NIFTY 50 Equal Weight ETF	66.93
FEM	First Trust Emerging Markets AlphaDEX Fund	66.27
MFEM	PIMCO RAFI Dynamic Multi-Factor Emerging Markets..	66.24
EPHE	iShares MSCI Philippines ETF	65.48
EWX	iShares MSCI Mexico ETF	65.45

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
QAT	iShares MSCI Qatar ETF	-0.29%
EPOL	iShares MSCI Poland ETF	0.00%
EWM	iShares MSCI Malaysia ETF	0.14%
KSA	iShares MSCI Saudi Arabia ETF	0.59%
EPHE	iShares MSCI Philippines ETF	0.64%
FLN	First Trust Latin America AlphaDEX Fund	0.70%
ECH	iShares MSCI Chile ETF	0.80%
EELV	Invesco S&P Emerging Markets Low Volatility ETF	0.81%
XCEM	Columbia EM Core ex-China ETF	0.94%
FRDM	Freedom 100 Emerging Markets ETF	0.98%

Emerging Most Oversold

Ticker	Fund	Price
QAT	iShares MSCI Qatar ETF	32.03
ECH	iShares MSCI Chile ETF	34.28
EWZS	iShares MSCI Brazil Small-Cap ETF	43.79
EWX	SPDR S&P Emerging Markets Small Cap ETF	47.66
FM	iShares Frontier and Select EM ETF	47.81
EWM	iShares MSCI Malaysia ETF	48.12
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	48.50
GXC	SPDR S&P China ETF	50.11
CNYA	iShares MSCI China A ETF	50.19
ARGT	Global X MSCI Argentina ETF	51.25

\*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	0.52%	0.25%	-0.81%
SHY	1-3 Year Treasury Bonds	0.16%	0.29%	0.11%
IEF	7-10 Year Treasury Bonds	0.54%	0.04%	-1.06%
TLT	20+ Year Treasury Bonds	0.98%	-0.98%	-3.57%
TIP	TIPS Bonds	0.34%	-0.01%	-0.68%
FLOT	Floating Rate Bonds	0.04%	0.69%	0.83%
LQD	Investment Grade Corporate	0.56%	0.83%	-0.99%
HYG	High Yield Corporate	0.36%	1.06%	0.13%
BKLN	Senior Loan	0.24%	0.27%	0.08%
PFF	Preferred & Income Securities	0.16%	2.36%	2.13%
MUB	Municipal Bonds	0.39%	0.01%	-0.30%
MBB	MBS	0.51%	0.04%	-1.14%
EMB	Dollar Denominated EM Bonds	0.91%	1.01%	-1.13%
LEMB	Local Currency EM Bond	0.25%	-1.07%	-1.93%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.34%	-1.64%	-1.58%
DBE	Energy	0.25%	-0.51%	2.03%
USO	WTI Crude Oil	0.92%	-0.32%	3.24%
BNO	Brent Crude Oil	0.86%	0.71%	3.44%
UNG	Natural Gas	-3.69%	-20.63%	-8.58%
UGA	Gasoline	0.47%	4.46%	4.63%
DBP	Precious Metals	0.53%	-0.94%	-2.06%
GLD	Gold	0.52%	-0.42%	-1.37%
SLV	Silver	0.20%	-3.30%	-5.83%
PPLT	abrdn Physical Platin..	0.39%	-6.14%	-8.62%
PALL	abrdn Physical Palla..	-0.11%	-7.89%	-13.60%
DBB	Base Metals	0.64%	-1.82%	-5.68%
CPER	Copper	0.34%	-0.30%	-2.32%
DBA	Agriculture	0.28%	5.78%	4.97%
CORN	Corn	-0.39%	-4.46%	-5.98%
SOYB	Soybeans	0.48%	-3.44%	-6.41%
WEAT	Wheat	0.18%	-4.25%	-5.70%
CANE	Sugar	0.30%	9.63%	11.22%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.28%	2.19%	3.40%
UDN	Short Dollar	0.33%	-1.42%	-2.39%
FXE	Euro	0.13%	-1.46%	-2.31%
FXB	British Pound Sterling	0.41%	-0.76%	-0.90%
FXF	Swiss Franc	0.05%	-2.26%	-3.29%
FXJ	Japanese Yen	0.53%	-2.19%	-4.80%
FXC	Canadian Dollar	0.43%	-0.63%	-1.52%
FXA	Australian Dollar	0.61%	-2.70%	-4.07%

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