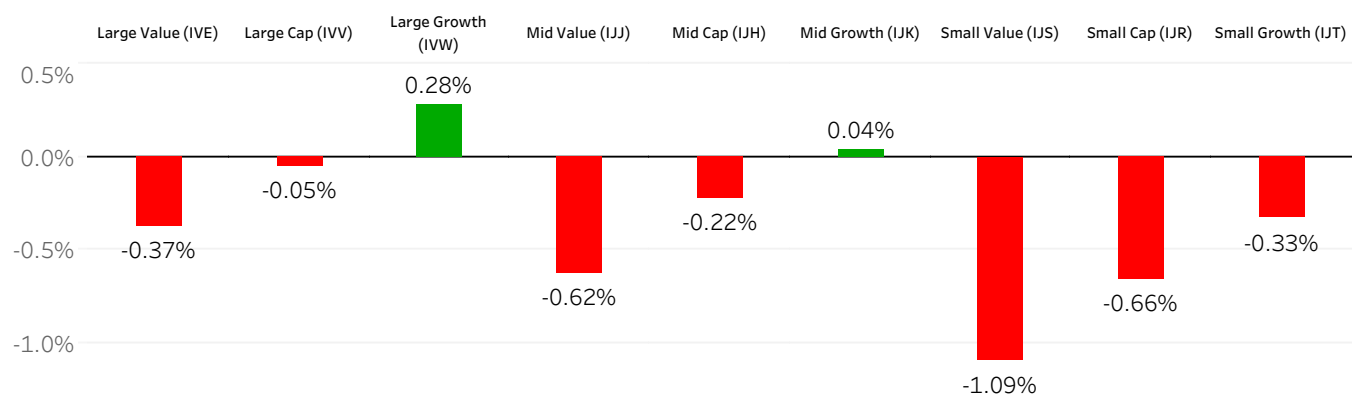


Large Cap Blend (S&P 500) IVV



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
RPHS	Regents Park Hedged Market Strategy ETF	0.67%
XMMO	Invesco S&P MidCap Momentum ETF	0.60%
DRUP	GraniteShares Nasdaq Select Disruptors ETF	0.58%
MTUM	iShares MSCI USA Momentum Factor ETF	0.57%
QGRO	American Century U.S. Quality Growth ETF	0.56%
SPMO	Invesco S&P 500 Momentum ETF	0.56%
PWB	Invesco Large Cap Growth ETF	0.56%
LCG	Sterling Capital Focus Equity ETF	0.54%
MBCC	Monarch Blue Chips Core ETF	0.52%
RPG	Invesco S&P 500 Pure Growth ETF	0.47%

Size & Style Most Overbought

Ticker	Fund	Price
SIXA	ETC 6 Meridian Mega Cap Equity ETF	75.47
SPMO	Invesco S&P 500 Momentum ETF	73.55
MBCC	Monarch Blue Chips Core ETF	69.36
USMF	WisdomTree U.S. Multifactor Fund	68.65
PWB	Invesco Large Cap Growth ETF	68.61
SHE	SPDR MSCI USA Gender Diversity ETF	67.87
DIA	SPDR Dow Jones Industrial Average ETF Trust	67.57
USSG	Xtrackers MSCI USA ESG Leaders Equity ETF	67.19
QLV	FlexShares US Quality Low Volatility Index Fund	67.06
SUSL	iShares ESG MSCI USA Leaders ETF	66.93

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
RDIV	Invesco S&P Ultra Dividend Revenue ETF	-1.40%
IWC	iShares Micro-Cap ETF	-1.21%
IJS	iShares S&P Small-Cap 600 Value ETF	-1.09%
FYX	First Trust Small Cap Core AlphaDEX Fund	-1.06%
VIOV	Vanguard S&P Small-Cap 600 Value ETF	-1.06%
PEY	Invesco High Yield Equity Dividend Achievers ETF	-1.05%
WBIY	WBI Power Factor High Dividend ETF	-1.04%
DVY	iShares Select Dividend ETF	-0.99%
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	-0.96%
SLYV	SPDR S&P 600 Small Cap Value ETF	-0.95%

Size & Style Most Oversold

Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	29.55
CSF	VictoryShares US Discovery Enhanced Volatility Wt..	36.55
CDC	VictoryShares US EQ Income Enhanced Volatility Wt..	40.99
MGMT	Ballast Small/Mid Cap ETF	42.42
FDM	First Trust Dow Jones Select MicroCap Index Fund	42.48
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	42.51
SIXS	ETC 6 Meridian Small Cap Equity ETF	45.02
CSB	VictoryShares US Small Cap High Dividend Volatility ..	45.09
SMDV	ProShares Russell 2000 Dividend Growers ETF	45.25
X SVM	Invesco S&P SmallCap Value with Momentum ETF	45.50

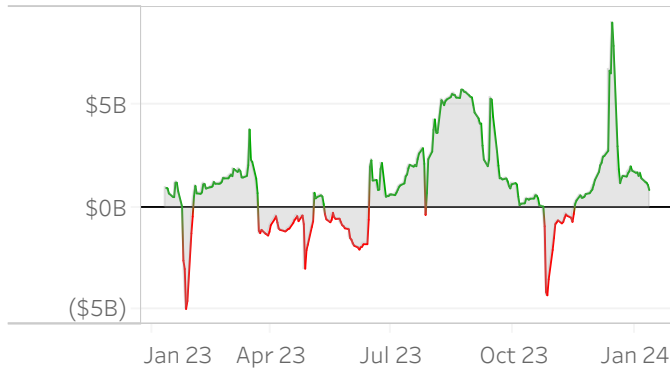
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

\*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	\$1,680B	(\$3.67B)	\$87.62B	\$112.25B	\$156.37B
Large Cap, Beta, Beta: Growth	10	\$319B	(\$0.87B)	\$7.18B	\$12.55B	\$16.22B
Large Cap, Beta, Beta: Value	11	\$241B	(\$0.88B)	\$4.65B	\$5.93B	(\$1.43B)
Mid Cap, Beta, Beta	10	\$208B	(\$0.13B)	\$0.06B	\$5.97B	\$7.32B
Mid Cap, Beta, Beta: Growth	6	\$39B	(\$0.03B)	\$0.82B	\$0.71B	\$1.13B
Mid Cap, Beta, Beta: Value	6	\$41B	(\$0.08B)	(\$0.10B)	(\$0.61B)	(\$2.34B)
Small Cap, Beta, Beta	11	\$227B	(\$1.23B)	\$13.67B	\$15.84B	\$20.57B
Small Cap, Beta, Beta: Growth	7	\$36B	\$0.02B	\$1.44B	\$1.49B	\$1.21B
Small Cap, Beta, Beta: Value	7	\$53B	(\$0.05B)	\$1.16B	\$0.42B	(\$0.67B)

U.S. Size & Style Flow Leaders

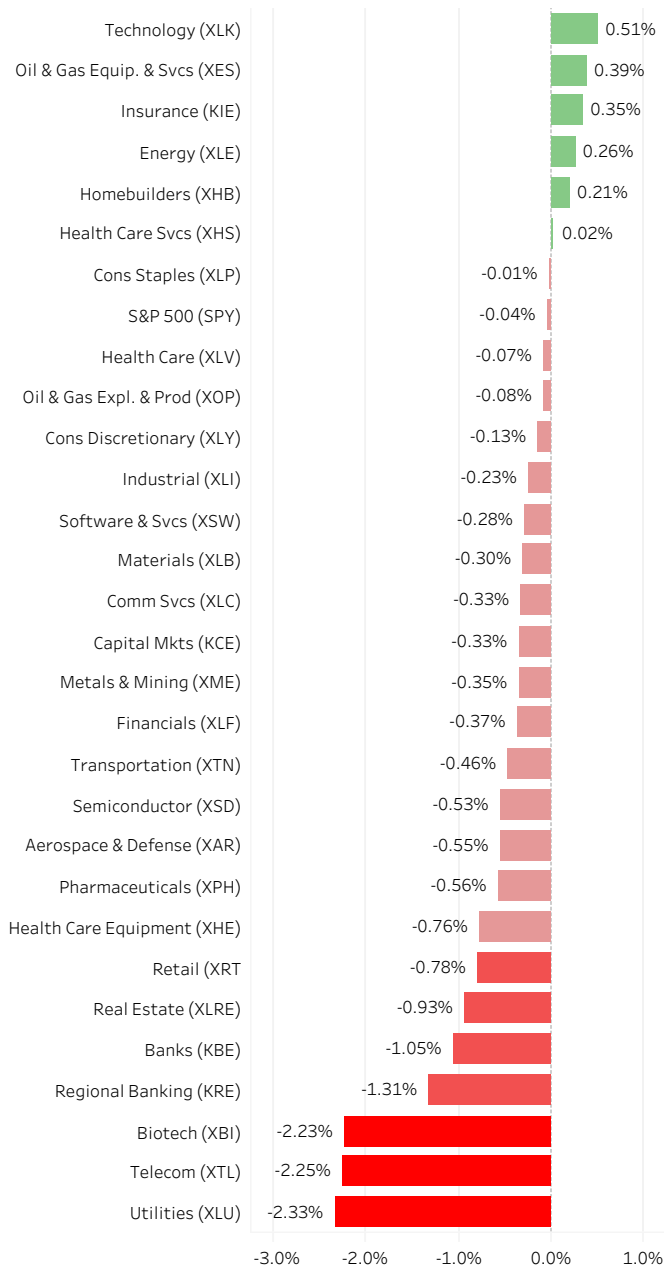
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	\$2.94B	\$14.42B	\$25.20B	\$46.19B	\$377.88B
VTI	Vanguard Total Stock Market ETF	\$0.68B	\$7.92B	\$14.15B	\$22.42B	\$349.08B
IJR	iShares Core S&P Small Cap ETF	\$0.36B	\$1.50B	\$2.22B	\$3.41B	\$75.43B
QQQM	Invesco NASDAQ 100 ETF	\$0.35B	\$2.19B	\$3.57B	\$8.77B	\$18.94B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.31B	\$4.43B	\$5.61B	\$7.68B	\$26.34B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.21B	\$1.43B	\$1.03B	(\$0.08B)	\$33.10B
COWZ	Pacer US Cash Cows 100 ETF	\$0.20B	\$2.42B	\$4.06B	\$6.48B	\$18.58B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.20B	\$6.09B	\$7.74B	\$13.15B	\$50.33B
CALF	Pacer US Small Cap Cash Cows 100 ETF	\$0.19B	\$2.62B	\$3.62B	\$4.64B	\$6.99B
DFAS	Dimensional U.S. Small Cap ETF	\$0.18B	\$0.72B	\$1.14B	\$1.58B	\$7.21B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	(\$1.71B)	\$0.39B	\$0.91B	\$2.82B	\$5.48B
IWM	iShares Russell 2000 ETF	(\$1.62B)	\$8.83B	\$8.50B	\$7.61B	\$64.72B
IWD	iShares Russell 1000 Value ETF	(\$0.77B)	\$0.84B	\$0.13B	(\$4.19B)	\$53.38B
IWF	iShares Russell 1000 Growth ETF	(\$0.51B)	\$1.34B	\$2.04B	(\$1.05B)	\$81.09B
VIG	Vanguard Dividend Appreciation ETF	(\$0.33B)	\$0.67B	\$0.91B	\$0.49B	\$73.51B
VTV	Vanguard Value ETF	(\$0.25B)	(\$0.32B)	\$1.00B	\$0.05B	\$106.09B
QQQ	Invesco QQQ Trust Series I	(\$0.25B)	\$1.79B	\$4.17B	\$10.31B	\$231.22B
VONG	Vanguard Russell 1000 Growth ETF	(\$0.19B)	\$1.28B	\$2.14B	\$3.45B	\$17.01B
IWB	iShares Russell 1000 ETF	(\$0.17B)	(\$0.37B)	(\$0.75B)	(\$1.68B)	\$32.37B
IWY	iShares Russell Top 200 Growth ETF	(\$0.17B)	\$0.47B	\$0.11B	\$1.26B	\$8.07B

\* 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)
SPY	SPDR S&P 500 ETF Trust	-0.07%	23.61%	3.43%	8.49%	63.51
XLV	Health Care Select Sector SPDR Fund	-0.07%	14.40%	6.03%	6.79%	77.61
XLC	Communication Services Select Sector SPDR Fund	-0.33%	40.55%	3.75%	11.32%	64.40
XLK	Technology Select Sector SPDR Fund	-0.75%	43.01%	3.07%	12.37%	59.61
XLF	Financial Select Sector SPDR Fund	-0.84%	21.59%	4.18%	10.38%	60.99
XLI	Industrial Select Sector SPDR Fund	-1.76%	16.26%	3.09%	7.04%	55.45
XLY	Consumer Discretionary Select Sector SPDR Fund	-2.94%	27.41%	2.39%	7.61%	52.73
XLB	Materials Select Sector SPDR Fund	-3.29%	11.97%	1.24%	3.23%	45.27
XLRE	Real Estate Select Sector SPDR Fund	-6.19%	21.90%	3.67%	6.76%	51.45
XLP	Consumer Staples Select Sector SPDR Fund	-6.36%	9.59%	2.56%	0.16%	60.92
XLU	Utilities Select Sector SPDR Fund	-10.02%	12.05%	0.04%	-1.98%	45.22
XLE	Energy Select Sector SPDR Fund	-12.43%	6.75%	-2.69%	-3.51%	38.50

## Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
KBWP	Invesco KBW Property & Casualty Insurance ETF	0.84%
IGV	iShares Expanded Tech-Software Sector ETF	0.81%
IAK	iShares U.S. Insurance ETF	0.68%
XNTK	SPDR NYSE Technology ETF	0.62%
IETC	iShares U.S. Tech Independence Focused ETF	0.61%
IGM	iShares Expanded Tech Sector ETF	0.56%
PNQI	Invesco NASDAQ Internet ETF	0.56%
FDN	First Trust Dow Jones Internet Index Fund	0.54%
QTEC	First Trust NASDAQ-100 Technology Sector Index ..	0.53%
XLK	Technology Select Sector SPDR Fund	0.51%

## Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
XLV	Health Care Select Sector SPDR Fund	77.61
IYH	iShares U.S. Healthcare ETF	76.55
IHE	iShares U.S. Pharmaceuticals ETF	75.30
VHT	Vanguard Health Care ETF	74.94
FHLC	Fidelity MSCI Health Care Index ETF	74.89
PINK	Simplify Health Care ETF	73.58
IHI	iShares U.S. Medical Devices ETF	71.11
XPH	SPDR S&P Pharmaceuticals ETF	68.98
RSPH	Invesco S&P 500 Equal Weight Health Care ETF	67.69
IAK	iShares U.S. Insurance ETF	67.14

## Sector & Industry 1 Day Performance Laggards

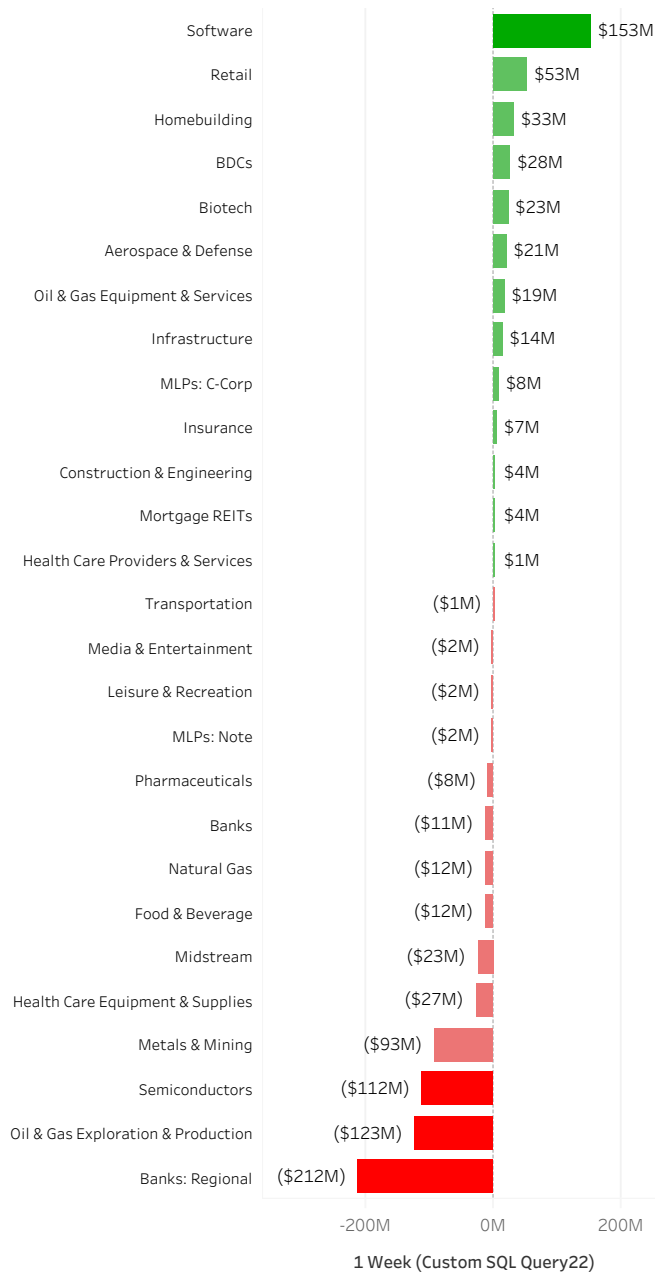
Ticker	Fund	1 Day Performance
KBWY	Invesco KBW Premium Yield Equity REIT ETF	-3.78%
FXU	First Trust Utilities AlphaDEX Fund	-2.35%
XLU	Utilities Select Sector SPDR Fund	-2.33%
VPU	Vanguard Utilities ETF	-2.32%
RSPU	Invesco S&P 500 Equal Weight Utilities ETF	-2.30%
FUTY	Fidelity MSCI Utilities Index ETF	-2.27%
XTL	SPDR S&P Telecom ETF	-2.25%
XBI	SPDR S&P BIOTECH ETF	-2.23%
IDU	iShares U.S. Utilities ETF	-2.01%
PSCH	Invesco S&P SmallCap Health Care ETF	-1.97%

## Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
PSCE	Invesco S&P SmallCap Energy ETF	32.99
IEZ	iShares U.S. Oil Equipment & Services ETF	33.16
XES	SPDR S&P Oil & Gas Equipment & Services ETF	34.82
RSPG	Invesco S&P 500 Equal Weight Energy ETF	36.91
FTXN	First Trust Nasdaq Oil & Gas ETF	37.05
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	37.10
VDE	Vanguard Energy ETF	37.19
FCG	First Trust Natural Gas ETF	37.20
IYE	iShares U.S. Energy ETF	37.69
PXJ	Invesco Oil & Gas Services ETF	38.11

\* 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	(\$119M)	\$874M	\$1,483M	\$3,473M
Consumer Discretionary	12	\$29B	(\$192M)	\$217M	\$1,142M	\$2,508M
Consumer Staples	10	\$25B	(\$246M)	(\$2,741M)	(\$4,456M)	(\$3,876M)
Energy	30	\$69B	(\$394M)	(\$1,042M)	\$1,886M	(\$7,644M)
Financials	26	\$63B	\$107M	\$1,900M	(\$697M)	\$591M
Health Care	23	\$91B	\$26M	(\$2,474M)	(\$5,326M)	(\$9,354M)
Industrial	13	\$36B	(\$325M)	(\$144M)	(\$2M)	\$618M
Materials	9	\$12B	\$173M	(\$623M)	(\$983M)	(\$2,454M)
Multi-Sector	16	\$20B	\$187M	(\$249M)	\$53M	\$2,345M
Real Estate	25	\$61B	(\$72M)	\$2,339M	\$2,199M	(\$795M)
Technology	23	\$174B	\$246M	\$5,315M	\$5,027M	\$6,733M
Utilities	9	\$22B	\$221M	(\$1,059M)	(\$1,076M)	(\$1,336M)

## U.S. Sector & Industry Flow Leaders

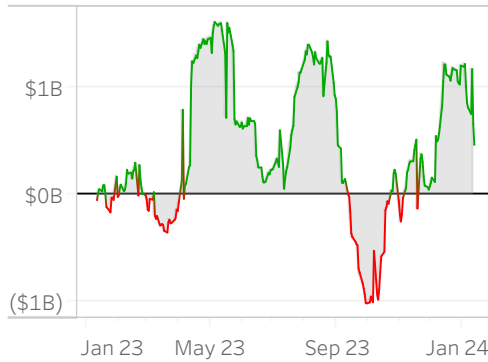
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLB	Materials Select Sector SPDR Fund	\$290M	(\$33M)	(\$197M)	(\$308M)	\$5,638M
XLF	Financial Select Sector SPDR Fund	\$256M	\$326M	(\$1,536M)	(\$224M)	\$34,618M
XLU	Utilities Select Sector SPDR Fund	\$201M	(\$381M)	(\$218M)	(\$189M)	\$14,706M
IGV	iShares Expanded Tech-Software Sector ETF	\$153M	(\$10M)	\$196M	\$532M	\$7,500M
FDN	First Trust Dow Jones Internet Index Fund	\$140M	(\$400M)	(\$350M)	\$576M	\$5,999M
IYW	iShares U.S. Technology ETF	\$66M	\$1,386M	(\$289M)	\$884M	\$14,133M
VGT	Vanguard Information Technology ETF	\$59M	\$782M	\$1,158M	\$369M	\$58,557M
XRT	SPDR S&P Retail ETF	\$53M	\$78M	(\$33M)	\$91M	\$488M
XLRE	Real Estate Select Sector SPDR Fund	\$50M	\$942M	\$839M	\$444M	\$5,809M
IBB	iShares Biotechnology ETF	\$48M	(\$61M)	(\$195M)	(\$1,220M)	\$7,797M

## U.S. Sector & Industry Flow Laggards

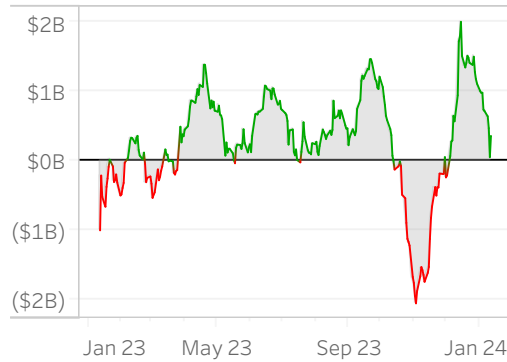
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLI	Industrial Select Sector SPDR Fund	(\$348M)	(\$654M)	(\$514M)	(\$850M)	\$15,275M
XLE	Energy Select Sector SPDR Fund	(\$237M)	(\$615M)	\$1,427M	(\$2,597M)	\$34,815M
XLV	Health Care Select Sector SPDR Fund	(\$219M)	\$454M	\$1,139M	\$1,238M	\$18,657M
KRE	SPDR S&P Regional Banking ETF	(\$210M)	\$581M	\$50M	\$1,358M	\$3,805M
XLP	Consumer Staples Select Sector SPDR Fund	(\$177M)	(\$1,819M)	(\$2,106M)	(\$1,572M)	\$15,249M
SOXX	iShares Semiconductor ETF	(\$113M)	\$78M	\$287M	\$238M	\$10,038M
XLC	Communication Services Select Sector SPDR Fu..	(\$109M)	\$1,016M	\$1,211M	\$3,189M	\$16,167M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$100M)	\$208M	(\$26M)	(\$602M)	\$3,408M
XME	SPDR S&P Metals & Mining ETF	(\$93M)	(\$6M)	(\$161M)	(\$533M)	\$1,854M
XLV	Health Care Select Sector SPDR Fund	(\$64M)	(\$1,671M)	(\$3,492M)	(\$3,363M)	\$39,602M

\* 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



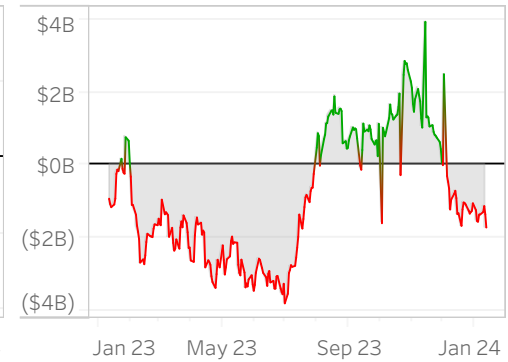
Consumer Discretionary



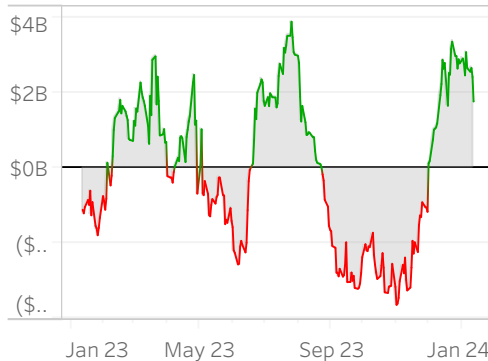
Consumer Staples



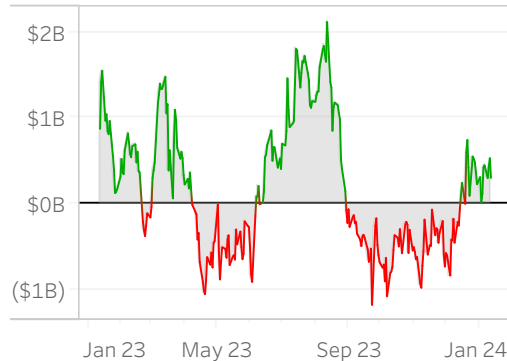
Energy



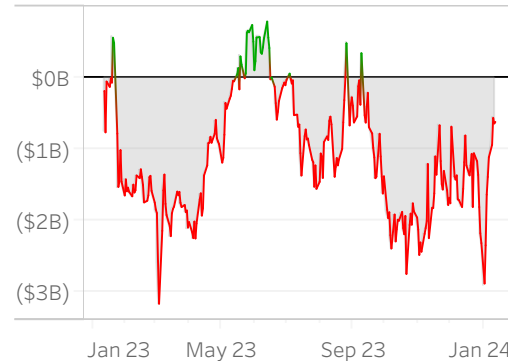
Financials



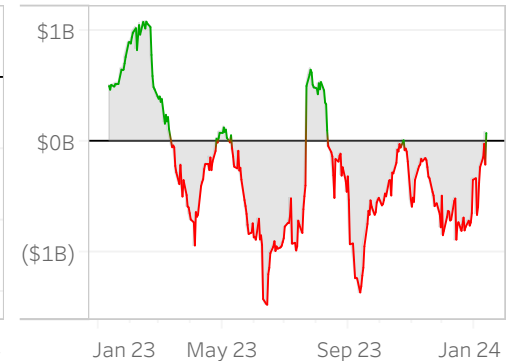
Industrial



Health Care



Materials



Real Estate



Technology



Utilities

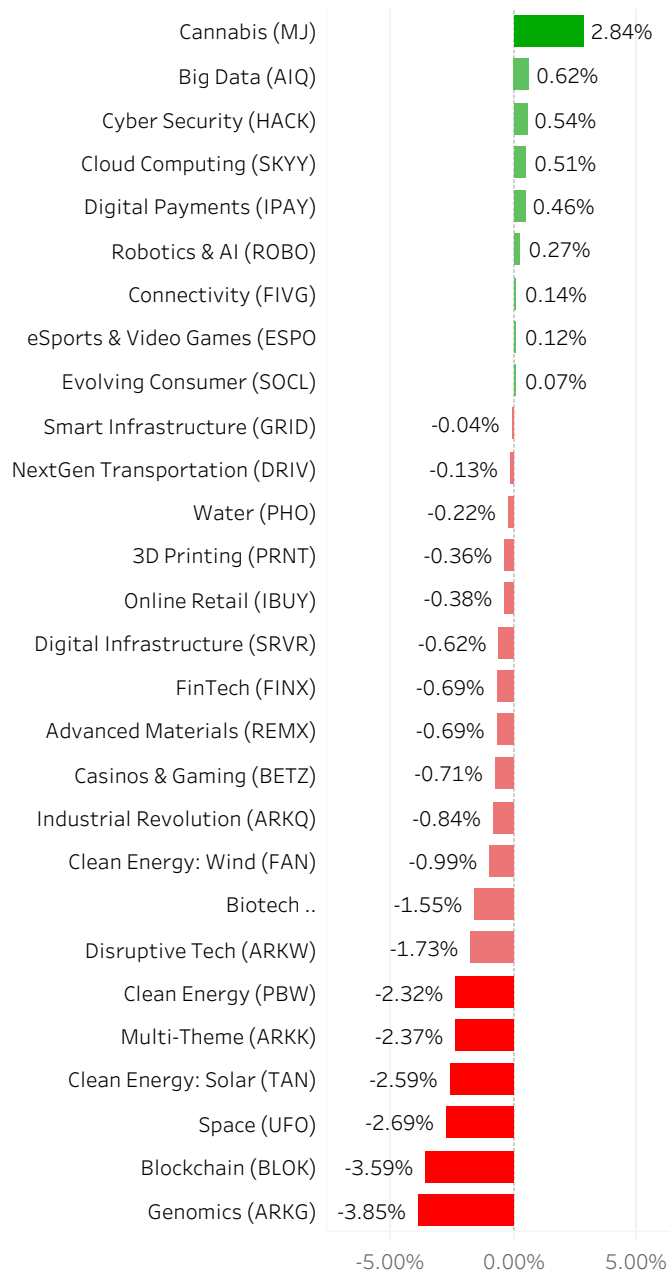


Multi-Sector

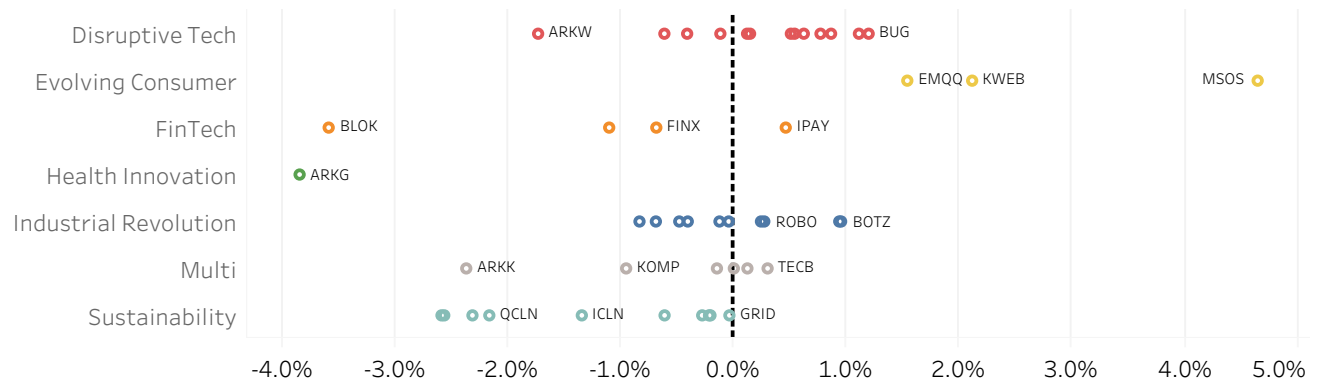


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
MSOS	AdvisorShares Pure US Cannabis ETF	4.64%
MJ	ETFMG Alternative Harvest ETF	2.84%
MJUS	ETFMG U.S. Alternative Harvest ETF	2.53%
KGRN	KraneShares MSCI China Clean Technology Index ETF	2.30%
KWEB	KraneShares CSI China Internet ETF	2.11%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	1.85%
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	1.54%
BUG	Global X Cybersecurity ETF	1.19%
CIBR	First Trust NASDAQ Cybersecurity ETF	1.11%
WCBR	WisdomTree Cybersecurity Fund	1.03%

Thematic Most Overbought

Ticker	Fund	Price
HACK	ETFMG Prime Cyber Security ETF	69.48
TECB	iShares U.S. Tech Breakthrough Multisector ETF	68.78
CIBR	First Trust NASDAQ Cybersecurity ETF	67.51
IHAK	iShares Cybersecurity & Tech ETF	66.84
AGNG	Global X Aging Population ETF	66.21
BUG	Global X Cybersecurity ETF	65.23
WCBR	WisdomTree Cybersecurity Fund	63.78
BOTZ	Global X Robotics & Artificial Intelligence ETF	63.47
BTEC	Principal Healthcare Innovators ETF	62.29
KLDW	Knowledge Leaders Developed World ETF	61.06

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
WGM	Valkyrie Bitcoin Miners ETF	-8.94%
BKCH	Global X Blockchain ETF	-8.56%
DAPP	VanEck Digital Transformation ETF	-6.91%
BITQ	Bitwise Crypto Industry Innovators ETF	-6.82%
FDIG	Fidelity Crypto Industry and Digital Payments ETF	-6.43%
ARKG	ARK Genomic Revolution ETF	-3.85%
BLOK	Amplify Transformational Data Sharing ETF	-3.59%
TAN	Invesco Solar ETF	-2.59%
ACES	ALPS Clean Energy ETF	-2.57%
ARKK	ARK Innovation ETF	-2.37%

Thematic Most Oversold

Ticker	Fund	Price
REMX	VanEck Rare Earth/Strategic Metals ETF	33.23
BATT	Amplify Lithium & Battery Technology ETF	33.47
PBW	Invesco WilderHill Clean Energy ETF	34.11
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	35.58
IDRV	iShares Self-driving EV & Tech ETF	36.56
ACES	ALPS Clean Energy ETF	36.56
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	36.66
CNRG	SPDR S&P Kensho Clean Power ETF	36.80
PBD	Invesco Global Clean Energy ETF	38.98
CTEC	Global X CleanTech ETF	39.04

\* 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	
BLOK	Amplify Transformational Data Sharing ETF	\$29M
SKYY	First Trust Cloud Computing ETF	\$22M
LIT	Global X Lithium & Battery Tech ETF	\$21M
AIQ	Global X Artificial Intelligence & Technology ETF	\$21M
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	\$11M
CLOU	Global X Cloud Computing ETF	\$11M
MSOS	AdvisorShares Pure US Cannabis ETF	\$10M
SPRX	Spear Alpha ETF	\$8M
TARK	AXS 2X Innovation ETF	\$7M
REMX	VanEck Rare Earth/Strategic Metals ETF	\$6M

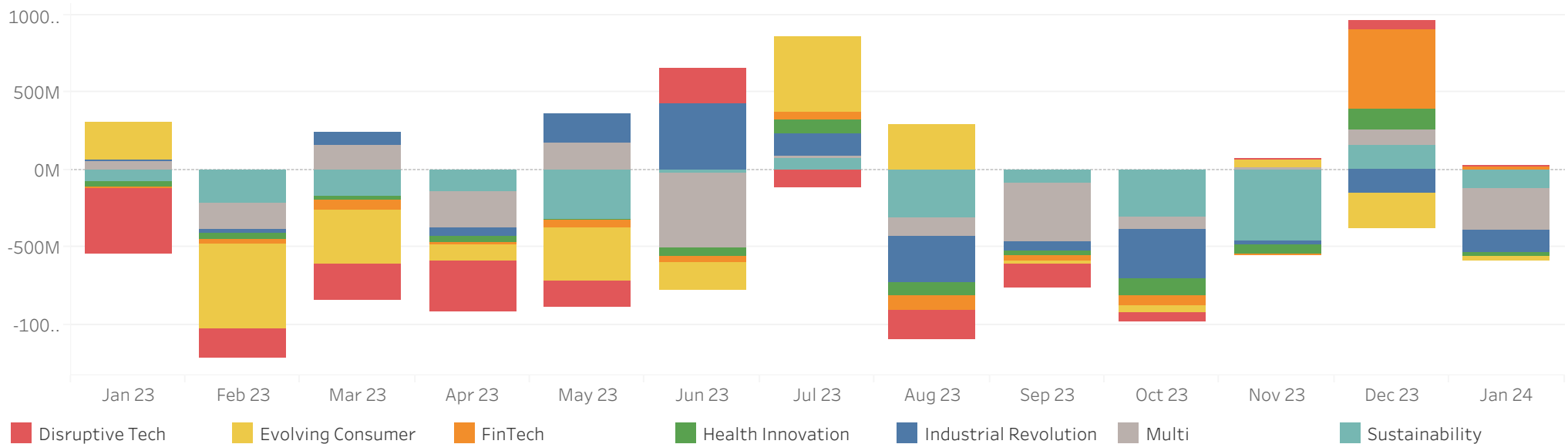
## Thematic 1 Week Flow Laggards

Ticker	Fund	
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$103M)
ARKK	ARK Innovation ETF	(\$31M)
ARKG	ARK Genomic Revolution ETF	(\$27M)
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	(\$20M)
ICLN	iShares Global Clean Energy ETF	(\$19M)
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Security Fund	(\$18M)
XT	iShares Exponential Technologies ETF	(\$17M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$15M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$13M)
WCLD	WisdomTree Cloud Computing Fund	(\$13M)

## Thematic Landscape Assets & Flows

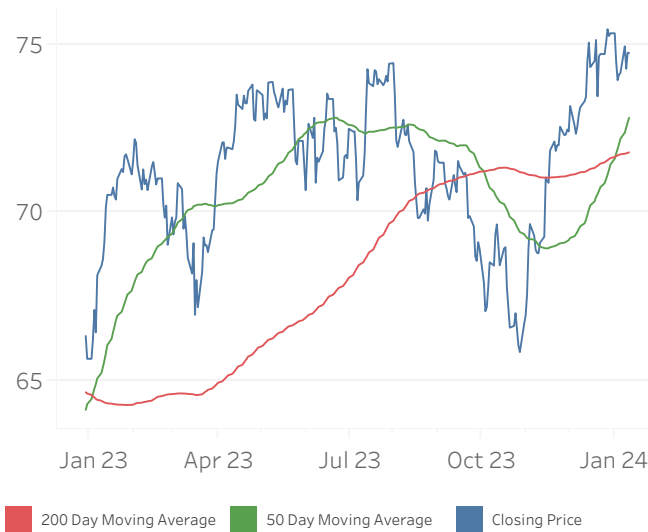
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$19B	\$8M	\$8M	(\$457M)	(\$1,560M)
Evolving Consumer	37	\$8B	(\$11M)	(\$266M)	\$468M	(\$784M)
FinTech	17	\$4B	\$34M	\$515M	\$346M	\$178M
Health Innovation	17	\$3B	(\$31M)	(\$57M)	(\$84M)	(\$301M)
Industrial Revolution	30	\$10B	(\$41M)	(\$505M)	(\$955M)	(\$250M)
Multi	35	\$16B	\$1M	(\$287M)	(\$844M)	(\$1,222M)
Sustainability	40	\$13B	(\$51M)	(\$704M)	(\$1,190M)	(\$1,999M)
Grand Total	209	\$72B	(\$91M)	(\$1,297M)	(\$2,717M)	(\$5,939M)

## Thematic Monthly Flows

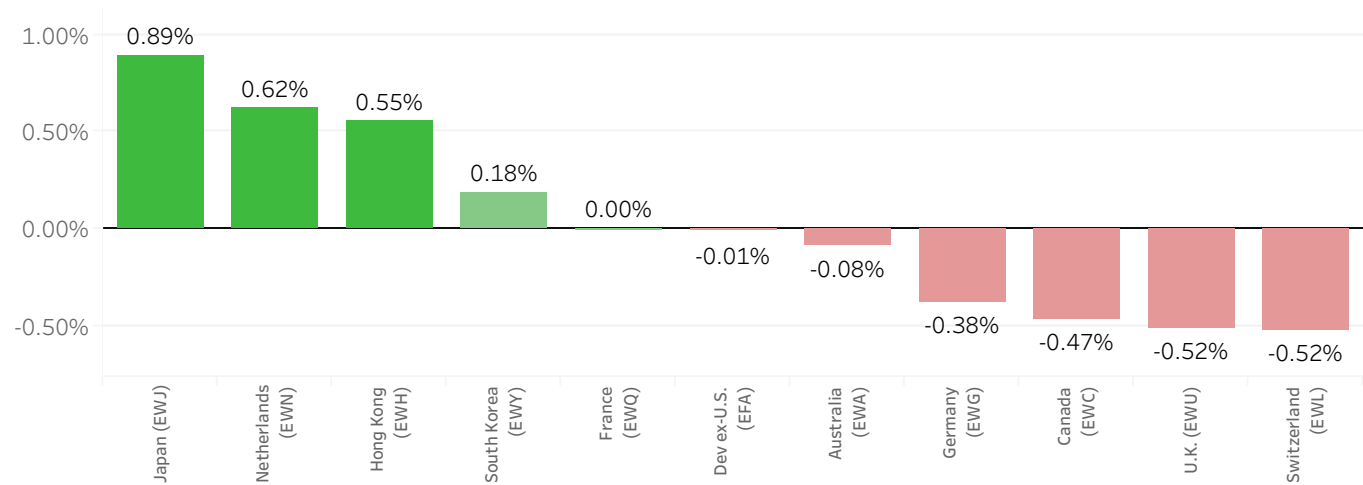


\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day

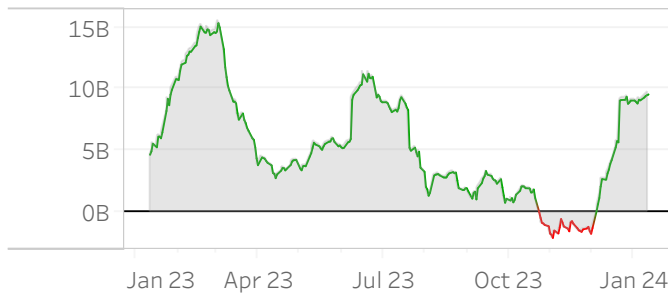
Developed ex-U.S. (EFA)



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



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



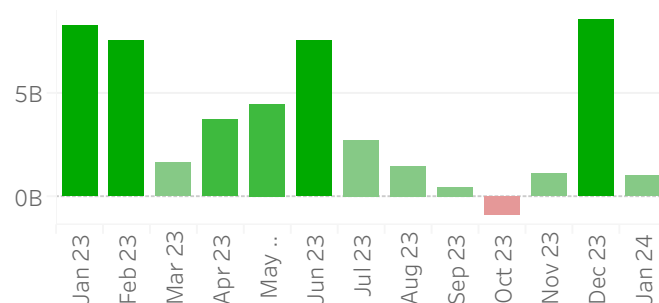
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
MINV	Matthews Asia Innovators Active ETF	0.98%
BBJP	JPMorgan BetaBuilders Japan ETF	0.90%
EWJ	iShares MSCI Japan ETF	0.89%
FLJP	Franklin FTSE Japan ETF	0.81%
EWJV	iShares MSCI Japan Value ETF	0.81%
JPXN	iShares JPX-Nikkei 400 ETF	0.80%
HEWJ	iShares Currency Hedged MSCI Japan ETF	0.71%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	0.70%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	0.66%
EWN	iShares MSCI Netherlands ETF	0.62%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	77.51
HEWJ	iShares Currency Hedged MSCI Japan ETF	74.37
EDEN	iShares MSCI Denmark ETF	72.83
DXJ	WisdomTree Japan Hedged Equity Fund	71.19
FLJP	Franklin FTSE Japan ETF	68.72
EWJ	iShares MSCI Japan ETF	68.57
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	68.39
JPXN	iShares JPX-Nikkei 400 ETF	67.67
DFJ	WisdomTree Japan SmallCap Dividend Fund	66.30
BBJP	JPMorgan BetaBuilders Japan ETF	65.88

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	-0.96%
FDD	First Trust Stoxx European Select Dividend Index Fund	-0.92%
EIRL	iShares MSCI Ireland ETF	-0.86%
FEP	First Trust Europe AlphaDEX Fund	-0.66%
ISVL	iShares International Developed Small Cap Value Factor E..	-0.62%
FLCA	Franklin FTSE Canada ETF	-0.61%
FLGB	Franklin FTSE United Kingdom ETF	-0.53%
EWL	iShares MSCI Switzerland ETF	-0.52%
EWU	iShares MSCI United Kingdom ETF	-0.52%
DLS	WisdomTree International SmallCap Dividend Fund	-0.49%

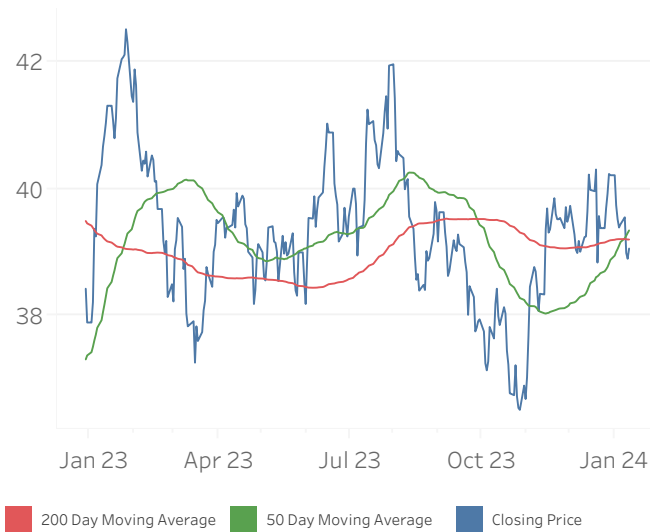
Developed ex-U.S. Most Oversold

Ticker	Fund	Price
EIRL	iShares MSCI Ireland ETF	38.37
EWL	iShares MSCI Hong Kong ETF	38.88
AIA	iShares Asia 50 ETF	39.13
EWY	iShares MSCI South Korea ETF	39.69
FLKR	Franklin FTSE South Korea ETF	42.68
AAXJ	iShares MSCI All Country Asia ex Japan ETF	43.56
EPP	iShares MSCI Pacific ex-Japan ETF	46.22
EWL	iShares MSCI Sweden ETF	46.78
EWU	iShares MSCI United Kingdom ETF	47.72
NORW	Global X MSCI Norway ETF	47.92

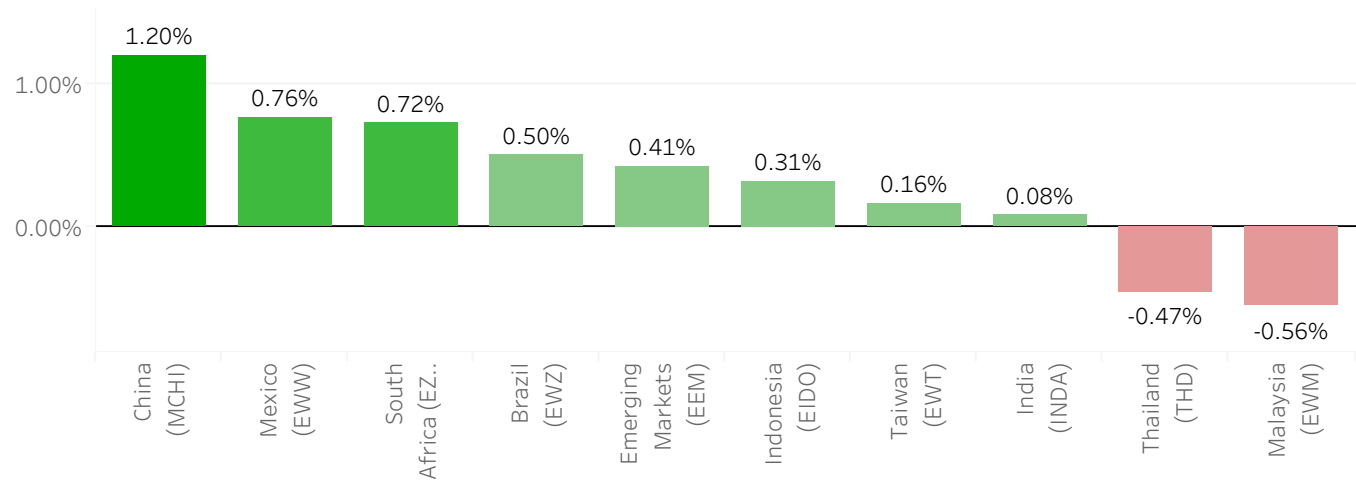
\*ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



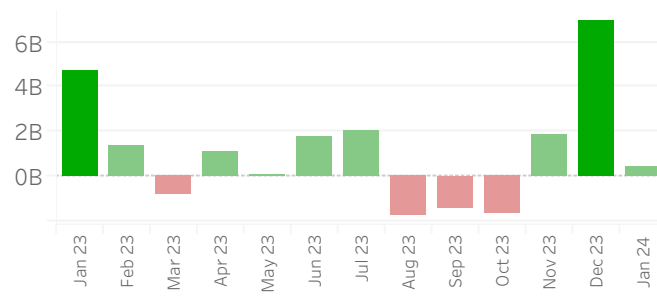
Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
FXI	iShares China Large-Cap ETF	1.51%
ECNS	iShares MSCI China Small-Cap ETF	1.40%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	1.35%
FLCH	Franklin FTSE China ETF	1.28%
BKF	iShares MSCI BIC ETF	1.24%
MCHI	iShares MSCI China ETF	1.20%
PGJ	Invesco Golden Dragon China ETF	1.04%
GXC	SPDR S&P China ETF	1.03%
JEMA	JPMorgan ActiveBuilders Emerging Markets Equity ETF	0.80%
TLTE	FlexShares Morningstar Emerging Markets Factor Tilt I..	0.78%

Emerging Most Overbought

Ticker	Fund	Value
KWT	iShares MSCI Kuwait ETF	77.07
SMIN	iShares MSCI India Small Cap ETF	70.87
INDA	iShares MSCI India ETF	67.22
EPI	WisdomTree India Earnings Fund	67.12
FLIN	Franklin FTSE India ETF	66.87
PIN	Invesco India ETF	65.36
NFTY	First Trust India NIFTY 50 Equal Weight ETF	64.48
INDY	iShares India 50 ETF	62.48
GLIN	VanEck India Growth Leaders ETF	61.97
KSA	iShares MSCI Saudi Arabia ETF	59.13

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
EPOL	iShares MSCI Poland ETF	-1.37%
QAT	iShares MSCI Qatar ETF	-0.78%
EWM	iShares MSCI Malaysia ETF	-0.56%
THD	iShares MSCI Thailand ETF	-0.47%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	-0.42%
EPU	iShares MSCI Peru and Global Exposure ETF	-0.40%
DGRE	WisdomTree Emerging Markets Quality Dividend Growt..	-0.25%
ECH	iShares MSCI Chile ETF	-0.15%
KSA	iShares MSCI Saudi Arabia ETF	-0.14%
GLIN	VanEck India Growth Leaders ETF	-0.12%

Emerging Most Oversold

Ticker	Fund	Value
CNYA	iShares MSCI China A ETF	31.33
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	33.04
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	34.36
ECH	iShares MSCI Chile ETF	36.17
ECNS	iShares MSCI China Small-Cap ETF	36.31
EWT	iShares MSCI Taiwan ETF	36.69
GXC	SPDR S&P China ETF	38.83
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	39.11
MCHI	iShares MSCI China ETF	39.53
PGJ	Invesco Golden Dragon China ETF	40.02

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Fixed Income (AGG)



Commodities (DJP)



Currencies (UUP)



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

Fixed Income Performance

Ticker	Name	1 Day	1 Month	YTD
AGG	U.S. Aggregate	0.57%	2.38%	-0.33%
SHY	1-3 Year Treasury Bonds	0.23%	1.14%	0.16%
IEF	7-10 Year Treasury Bonds	0.53%	2.44%	-0.44%
TLT	20+ Year Treasury Bonds	0.56%	2.83%	-2.19%
TIP	TIPS Bonds	0.53%	1.96%	-0.15%
FLOT	Floating Rate Bonds	0.10%	0.70%	0.32%
LQD	Investment Grade Corporate	0.60%	3.04%	-0.42%
HYG	High Yield Corporate	0.32%	2.89%	0.30%
BKLN	Senior Loan	0.09%	1.61%	0.05%
PFF	Preferred & Income Securities	0.22%	3.85%	1.03%
MUB	Municipal Bonds	0.26%	1.69%	0.16%
MBB	MBS	0.70%	2.74%	-0.24%
EMB	Dollar Denominated EM Bonds	0.90%	2.32%	-0.80%
LEMB	Local Currency EM Bond	0.38%	2.61%	-0.30%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.63%	0.97%	-0.63%
DBE	Energy	1.37%	1.23%	2.00%
USO	WTI Crude Oil	1.64%	1.27%	1.50%
BNO	Brent Crude Oil	1.47%	2.33%	1.43%
UNG	Natural Gas	2.28%	30.77%	24.06%
UGA	Gasoline	2.73%	3.58%	0.97%
DBP	Precious Metals	0.05%	1.37%	-2.20%
GLD	Gold	0.20%	2.33%	-1.73%
SLV	Silver	-0.57%	-0.43%	-4.41%
PPLT	abrdn Physical Platin..	-0.39%	0.55%	-7.23%
PALL	abrdn Physical Palla..	-0.88%	3.10%	-9.60%
DBB	Base Metals	0.06%	3.10%	-4.81%
CPER	Copper	-0.13%	0.43%	-2.57%
DBA	Agriculture	0.53%	-0.20%	-0.10%
CORN	Corn	-0.55%	-4.71%	-2.81%
SOYB	Soybeans	0.27%	-7.67%	-3.74%
WEAT	Wheat	-0.85%	0.17%	-2.85%
CANE	Sugar	1.31%	-0.96%	3.40%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.07%	-1.12%	1.22%
UDN	Short Dollar	-0.03%	1.91%	-0.95%
FXE	Euro	0.04%	2.11%	-0.55%
FXB	British Pound Sterling	0.20%	1.85%	0.19%
FXF	Swiss Franc	-0.11%	3.04%	-1.31%
FXJ	Japanese Yen	0.27%	0.39%	-3.18%
FXC	Canadian Dollar	-0.12%	1.50%	-0.99%
FXA	Australian Dollar	-0.20%	2.00%	-1.75%

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