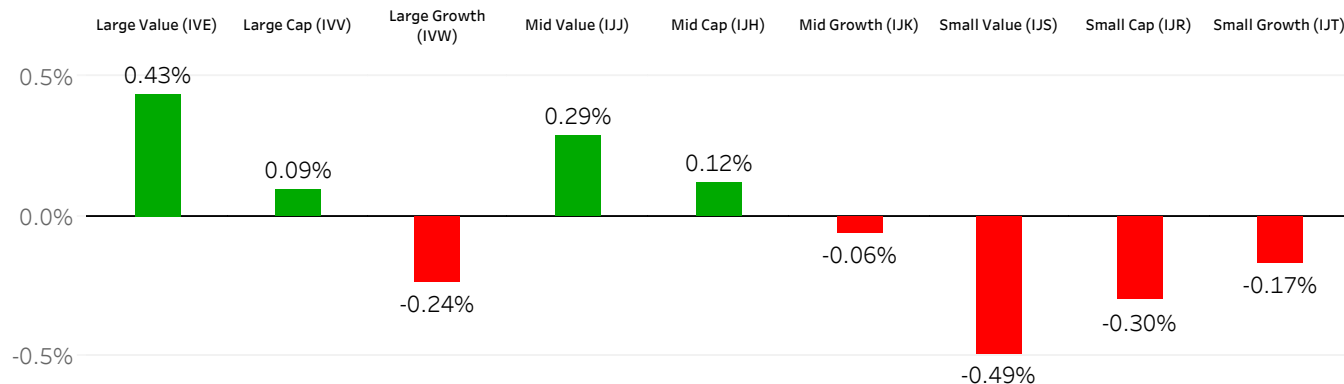


### Large Cap Blend (S&P 500) IVV



### U.S. Size & Style 1-Day Performance



### Mid Cap Blend (S&P 400) IJH



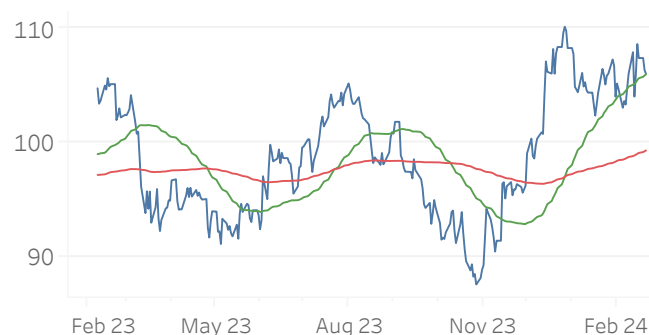
### Size & Style 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	1.08%
GRPM	Invesco S&P MidCap 400 GARP ETF	1.04%
COWZ	Pacer US Cash Cows 100 ETF	0.95%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	0.91%
TPHD	Timothy Plan High Dividend Stock ETF	0.90%
SPGP	Invesco S&P 500 GARP ETF	0.86%
QVAL	Alpha Architect US Quantitative Value ETF	0.85%
CDL	VictoryShares US Large Cap High Dividend Volatility Wt..	0.84%
SYLD	Cambria Shareholder Yield ETF	0.83%
DURA	VanEck Durable High Dividend ETF	0.82%

### Size & Style Most Overbought

Ticker	Fund	1-Day Performance
VSMV	VictoryShares US Multi-Factor Minimum Volatility ETF	66.94
MGV	Vanguard Mega Cap Value ETF	66.15
IWX	iShares Russell Top 200 Value ETF	65.55
DUSA	Davis Select U.S. Equity ETF	65.21
HUSV	First Trust Horizon Managed Volatility Domestic ETF	65.17
LGLV	SPDR SSGA US Large Cap Low Volatility Index ETF	65.08
POWA	Invesco Bloomberg Pricing Power ETF	64.76
FTCS	First Trust Capital Strength ETF	64.56
VTV	Vanguard Value ETF	64.32
RWL	Invesco S&P 500 Revenue ETF	64.11

### Small Cap Blend (S&P 600) IJR



### Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
FFTY	Innovator IBD 50 ETF	-2.25%
IPO	Renaissance IPO ETF	-2.20%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	-1.57%
BUZZ	VanEck Social Sentiment ETF	-1.50%
VFMO	Vanguard U.S. Momentum Factor ETF	-1.28%
DRUP	GraniteShares Nasdaq Select Disruptors ETF	-1.25%
OALC	OneAscent Large Cap Core ETF	-1.23%
AIEQ	Amplify AI Powered Equity ETF	-1.14%
SEIM	SEI Enhanced U.S. Large Cap Momentum Factor ETF	-1.13%
FPX	First Trust US Equity Opportunities ETF	-1.07%

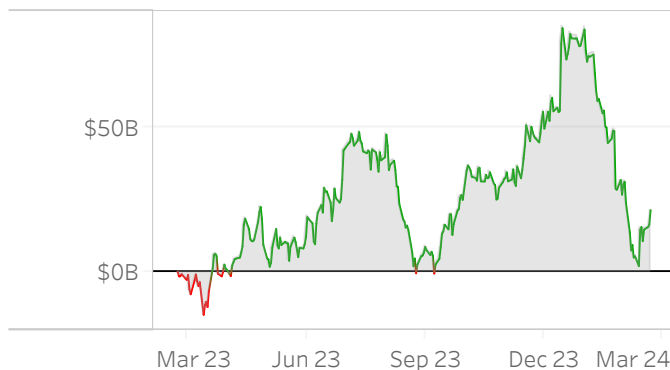
### Size & Style Most Oversold

Ticker	Fund	1-Day Performance
PEY	Invesco High Yield Equity Dividend Achievers ETF	41.98
FFTY	Innovator IBD 50 ETF	46.72
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	47.01
RFV	Invesco S&P Midcap 400 Pure Value ETF	47.15
NUMG	Nuveen ESG Mid-Cap Growth ETF	47.24
SVAL	iShares US Small Cap Value Factor ETF	47.50
AIEQ	Amplify AI Powered Equity ETF	47.70
MGMT	Ballast Small/Mid Cap ETF	47.87
DIV	Global X SuperDividend US ETF	47.92
SMDV	ProShares Russell 2000 Dividend Growers ETF	48.02

■ 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	\$1,766B	\$3.59B	\$67.85B	\$129.86B	\$179.13B
Large Cap, Beta, Beta: Growth	10	\$341B	\$0.40B	\$4.01B	\$15.90B	\$21.02B
Large Cap, Beta, Beta: Value	11	\$249B	\$0.18B	\$5.37B	\$7.62B	(\$0.03B)
Mid Cap, Beta, Beta	10	\$214B	(\$0.03B)	\$1.06B	\$2.20B	\$7.50B
Mid Cap, Beta, Beta: Growth	6	\$40B	\$0.01B	\$0.22B	\$0.38B	\$1.47B
Mid Cap, Beta, Beta: Value	6	\$40B	\$0.03B	(\$0.95B)	(\$2.05B)	(\$3.69B)
Small Cap, Beta, Beta	11	\$229B	\$1.42B	\$5.90B	\$11.04B	\$16.17B
Small Cap, Beta, Beta: Growth	7	\$38B	\$0.12B	\$1.43B	\$2.12B	\$2.34B
Small Cap, Beta, Beta: Value	7	\$52B	\$0.09B	\$0.41B	\$0.09B	(\$1.81B)

U.S. Size & Style Flow Leaders

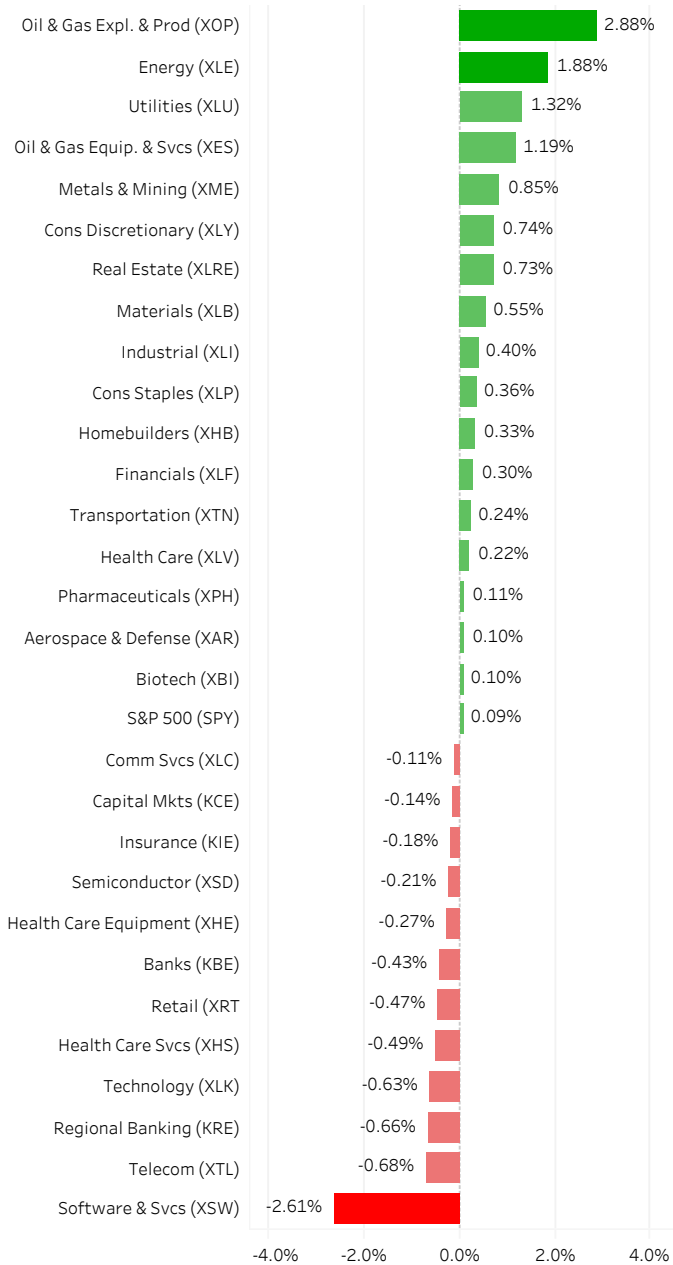
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$1.96B	\$18.20B	\$28.71B	\$30.16B	\$488.47B
IVV	iShares Core S&P 500 ETF	\$1.90B	\$22.91B	\$39.93B	\$54.86B	\$433.33B
VOO	Vanguard S&P 500 ETF	\$1.30B	\$18.78B	\$31.50B	\$55.42B	\$404.40B
IWM	iShares Russell 2000 ETF	\$0.92B	(\$1.35B)	\$2.32B	\$2.00B	\$60.43B
VTWO	Vanguard Russell 2000 ETF	\$0.38B	\$1.41B	\$1.77B	\$2.04B	\$8.58B
VTI	Vanguard Total Stock Market ETF	\$0.33B	\$8.31B	\$14.49B	\$23.26B	\$366.28B
VTV	Vanguard Value ETF	\$0.21B	\$0.84B	\$0.21B	(\$2.98B)	\$108.88B
SPMO	Invesco S&P 500 Momentum ETF	\$0.20B	\$0.30B	\$0.34B	\$0.31B	\$0.60B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.17B	\$6.03B	\$8.61B	\$10.93B	\$31.16B
PBUS	Invesco MSCI USA ETF	\$0.16B	\$0.55B	\$1.21B	\$1.37B	\$4.33B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust Series I	(\$1.11B)	(\$0.18B)	\$11.60B	\$14.17B	\$243.81B
QQQM	Invesco NASDAQ 100 ETF	(\$0.52B)	\$2.93B	\$5.27B	\$9.78B	\$21.65B
FDVV	Fidelity High Dividend ETF	(\$0.47B)	\$0.25B	\$0.41B	\$0.64B	\$2.25B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.41B)	(\$0.10B)	(\$0.60B)	(\$0.65B)	\$32.48B
IWB	iShares Russell 1000 ETF	(\$0.30B)	(\$0.67B)	(\$0.81B)	(\$0.88B)	\$33.57B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.20B)	(\$7.98B)	(\$5.88B)	(\$7.11B)	\$25.02B
IWD	iShares Russell 1000 Value ETF	(\$0.15B)	(\$1.76B)	(\$0.77B)	(\$3.54B)	\$52.93B
SUSA	iShares MSCI USA ESG Select ETF	(\$0.15B)	(\$2.11B)	(\$0.95B)	(\$0.64B)	\$3.38B
USMC	Principal U.S. Mega-Cap ETF	(\$0.11B)	(\$0.07B)	\$0.34B	\$0.52B	\$2.06B
FDLO	Fidelity Low Volatility Factor ETF	(\$0.09B)	\$0.25B	\$0.38B	\$0.43B	\$1.02B

\* 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)
XLV	Health Care Select Sector SPDR Fund	-0.12%	18.12%	4.02%	9.22%	69.75
XLF	Financial Select Sector SPDR Fund	-0.33%	27.95%	3.78%	13.19%	64.74
XLI	Industrial Select Sector SPDR Fund	-0.51%	22.49%	3.66%	10.42%	64.65
XLB	Materials Select Sector SPDR Fund	-0.87%	14.77%	1.87%	5.19%	61.49
SPY	SPDR S&P 500 ETF Trust	-0.96%	29.02%	2.97%	10.38%	58.83
XLY	Consumer Discretionary Select Sector SPDR Fund	-1.53%	29.26%	1.20%	6.47%	55.13
XLC	Communication Services Select Sector SPDR Fund	-1.82%	50.67%	4.66%	14.68%	57.76
XLP	Consumer Staples Select Sector SPDR Fund	-4.10%	12.23%	2.46%	3.26%	61.76
XLK	Technology Select Sector SPDR Fund	-4.13%	46.76%	1.40%	11.94%	46.97
XLRE	Real Estate Select Sector SPDR Fund	-4.77%	19.82%	-1.17%	4.37%	51.47
XLE	Energy Select Sector SPDR Fund	-7.48%	12.78%	3.24%	1.88%	62.31
XLU	Utilities Select Sector SPDR Fund	-11.39%	10.34%	-0.36%	-1.76%	55.16

## Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
FCG	First Trust Natural Gas ETF	3.21%
FXN	First Trust Energy AlphaDEX Fund	3.02%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	2.88%
PXE	Invesco Energy Exploration & Production ETF	2.79%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	2.78%
FTXN	First Trust Nasdaq Oil & Gas ETF	2.42%
PXI	Invesco Dorsey Wright Energy Momentum ETF	2.28%
TPYP	Tortoise North American Pipeline Fund	2.10%
RSPG	Invesco S&P 500 Equal Weight Energy ETF	2.09%
MLPX	Global X MLP & Energy Infrastructure ETF	2.05%

## Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
PINK	Simplify Health Care ETF	72.55
IAK	iShares U.S. Insurance ETF	70.57
XLV	Health Care Select Sector SPDR Fund	69.75
PPA	Invesco Aerospace & Defense ETF	69.69
IYH	iShares U.S. Healthcare ETF	69.32
KBWP	Invesco KBW Property & Casualty Insurance ETF	69.22
IHE	iShares U.S. Pharmaceuticals ETF	68.86
VHT	Vanguard Health Care ETF	68.30
FHLC	Fidelity MSCI Health Care Index ETF	67.41
AMLX	Alerian MLP ETF	67.30

## Sector & Industry 1 Day Performance Laggards

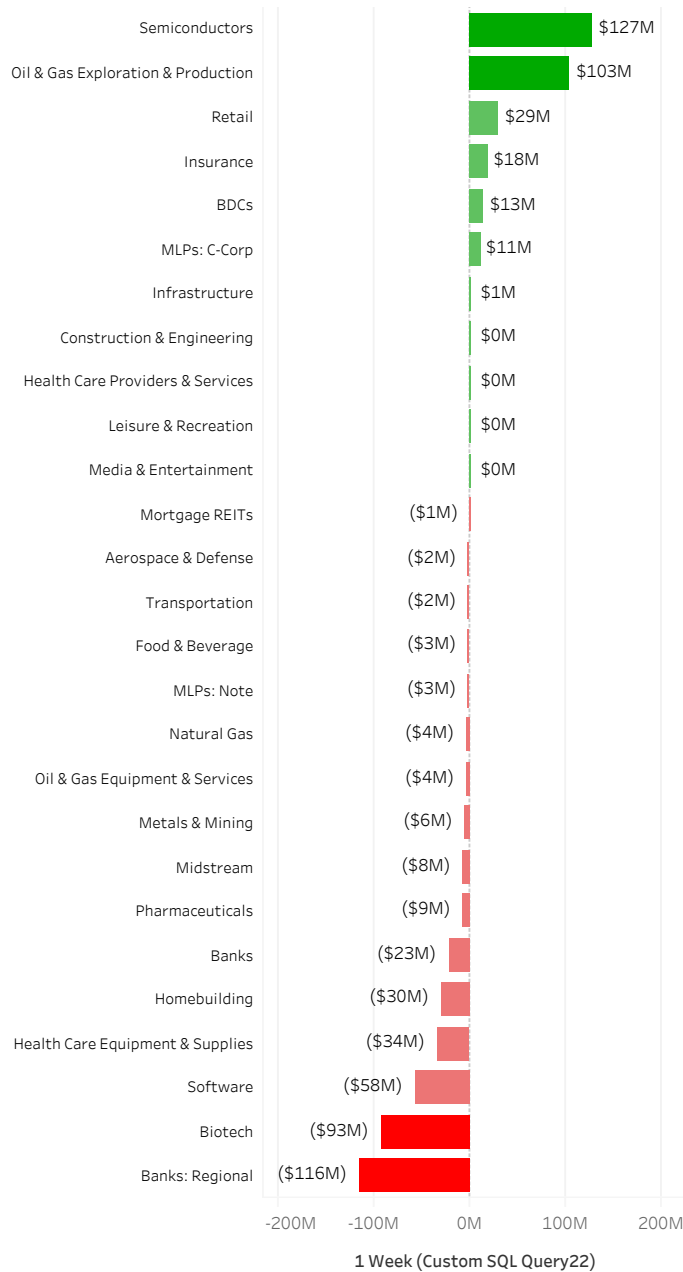
Ticker	Fund	1 Day Performance
PTF	Invesco Dorsey Wright Technology Momentum ETF	-2.86%
IGV	iShares Expanded Tech-Software Sector ETF	-2.80%
XSW	SPDR S&P Software & Services ETF	-2.61%
FXL	First Trust Technology AlphaDEX Fund	-2.11%
QTEC	First Trust NASDAQ-100 Technology Sector Index Fund	-1.81%
PSCT	Invesco S&P SmallCap Information Technology ETF	-1.31%
IGPT	Invesco AI and Next Gen Software ETF	-1.31%
PEJ	Invesco Leisure and Entertainment ETF	-1.23%
PSI	Invesco Semiconductors ETF	-1.14%
XNTK	SPDR NYSE Technology ETF	-1.06%

## Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IYZ	iShares U.S. Telecommunications ETF	35.92
IGV	iShares Expanded Tech-Software Sector ETF	39.85
KBWY	Invesco KBW Premium Yield Equity REIT ETF	39.92
KBWD	Invesco KBW High Dividend Yield Financial ETF	40.48
XTL	SPDR S&P Telecom ETF	41.42
NETL	NETLease Corporate Real Estate ETF	42.92
RSPC	Invesco S&P 500 Equal Weight Communication Services E..	43.12
REM	iShares Mortgage Real Estate ETF	43.53
RIET	Hoya Capital High Dividend Yield ETF	43.58
MORT	VanEck Mortgage REIT Income ETF	43.69

\* 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	(\$29M)	\$959M	\$470M	\$3,645M
Consumer Discretionary	12	\$30B	\$19M	\$1,896M	\$1,730M	\$3,927M
Consumer Staples	10	\$25B	(\$168M)	(\$2,138M)	(\$5,201M)	(\$4,501M)
Energy	30	\$71B	\$255M	(\$2,583M)	(\$416M)	(\$6,800M)
Financials	26	\$63B	(\$21M)	\$2,046M	(\$2,103M)	(\$1,894M)
Health Care	23	\$92B	(\$228M)	(\$1,271M)	(\$5,021M)	(\$8,514M)
Industrial	13	\$38B	(\$197M)	\$778M	(\$386M)	\$1,328M
Materials	9	\$11B	(\$124M)	(\$1,197M)	(\$1,999M)	(\$4,067M)
Multi-Sector	16	\$21B	(\$44M)	\$278M	(\$228M)	\$2,906M
Real Estate	25	\$58B	(\$76M)	\$1,649M	\$1,305M	(\$894M)
Technology	23	\$187B	\$126M	\$2,823M	\$9,899M	\$10,681M
Utilities	9	\$19B	(\$190M)	(\$1,189M)	(\$2,699M)	(\$2,970M)

### U.S. Sector & Industry Flow Leaders

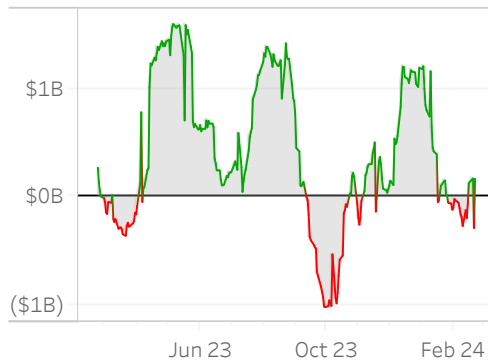
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	\$183M	(\$2,199M)	(\$545M)	(\$3,577M)	\$35,366M
SOXX	iShares Semiconductor ETF	\$125M	\$534M	\$636M	\$1,095M	\$11,703M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$103M	\$119M	(\$12M)	(\$143M)	\$3,581M
XLF	Financial Select Sector SPDR Fund	\$96M	\$1,872M	(\$1,160M)	(\$24M)	\$36,832M
VNQ	Vanguard Real Estate ETF	\$87M	\$522M	(\$302M)	(\$1,202M)	\$32,648M
XLK	Technology Select Sector SPDR Fund	\$38M	\$2,116M	\$3,567M	\$2,681M	\$61,825M
IAK	iShares U.S. Insurance ETF	\$33M	\$135M	\$144M	(\$49M)	\$576M
XRT	SPDR S&P Retail ETF	\$29M	(\$13M)	\$38M	(\$16M)	\$449M
IYW	iShares U.S. Technology ETF	\$27M	\$525M	\$1,730M	\$1,076M	\$15,209M
XNTK	SPDR NYSE Technology ETF	\$16M	\$81M	\$72M	\$114M	\$768M

### U.S. Sector & Industry Flow Laggards

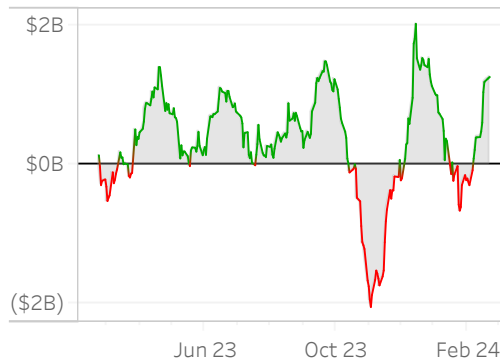
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLI	Industrial Select Sector SPDR Fund	(\$201M)	\$95M	(\$653M)	\$178M	\$16,281M
XLU	Utilities Select Sector SPDR Fund	(\$187M)	(\$1,080M)	(\$1,809M)	(\$1,654M)	\$12,072M
IYR	iShares U.S. Real Estate ETF	(\$165M)	(\$12M)	\$38M	(\$347M)	\$3,000M
KRE	SPDR S&P Regional Banking ETF	(\$110M)	(\$276M)	(\$202M)	\$852M	\$2,775M
XLB	Materials Select Sector SPDR Fund	(\$106M)	(\$865M)	(\$1,030M)	(\$1,337M)	\$4,752M
XLP	Consumer Staples Select Sector SPDR Fund	(\$98M)	(\$1,411M)	(\$2,514M)	(\$1,918M)	\$14,932M
IBB	iShares Biotechnology ETF	(\$95M)	\$25M	(\$407M)	(\$1,169M)	\$7,361M
XLV	Health Care Select Sector SPDR Fund	(\$87M)	(\$561M)	(\$2,819M)	(\$3,419M)	\$40,690M
IGV	iShares Expanded Tech-Software Sector ETF	(\$63M)	(\$2,360M)	(\$247M)	\$174M	\$7,606M
VDC	Vanguard Consumer Staples ETF	(\$61M)	(\$289M)	(\$725M)	(\$497M)	\$6,346M

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

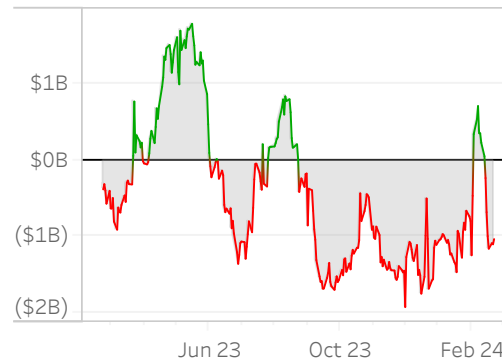
Communication Services



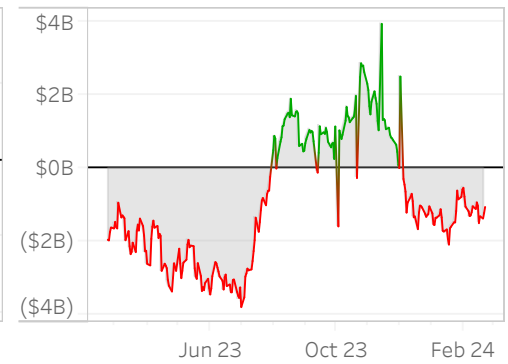
Consumer Discretionary



Consumer Staples



Energy



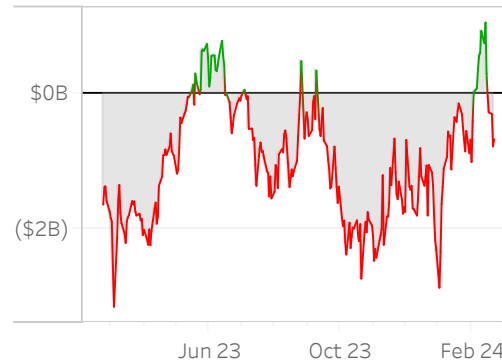
Financials



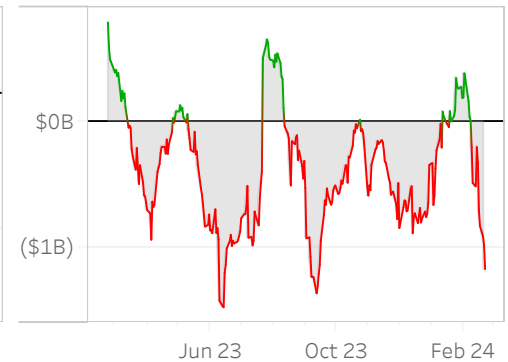
Industrial



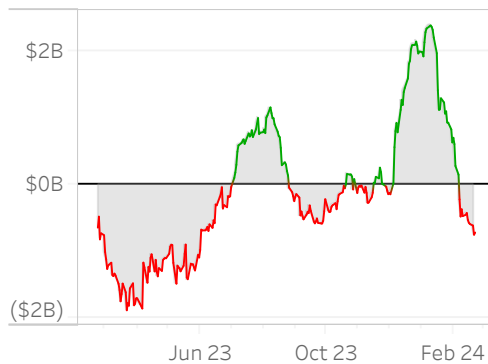
Health Care



Materials



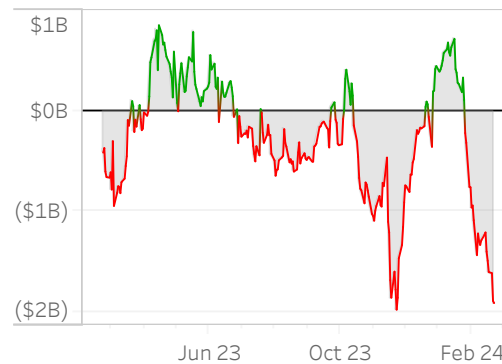
Real Estate



Technology



Utilities

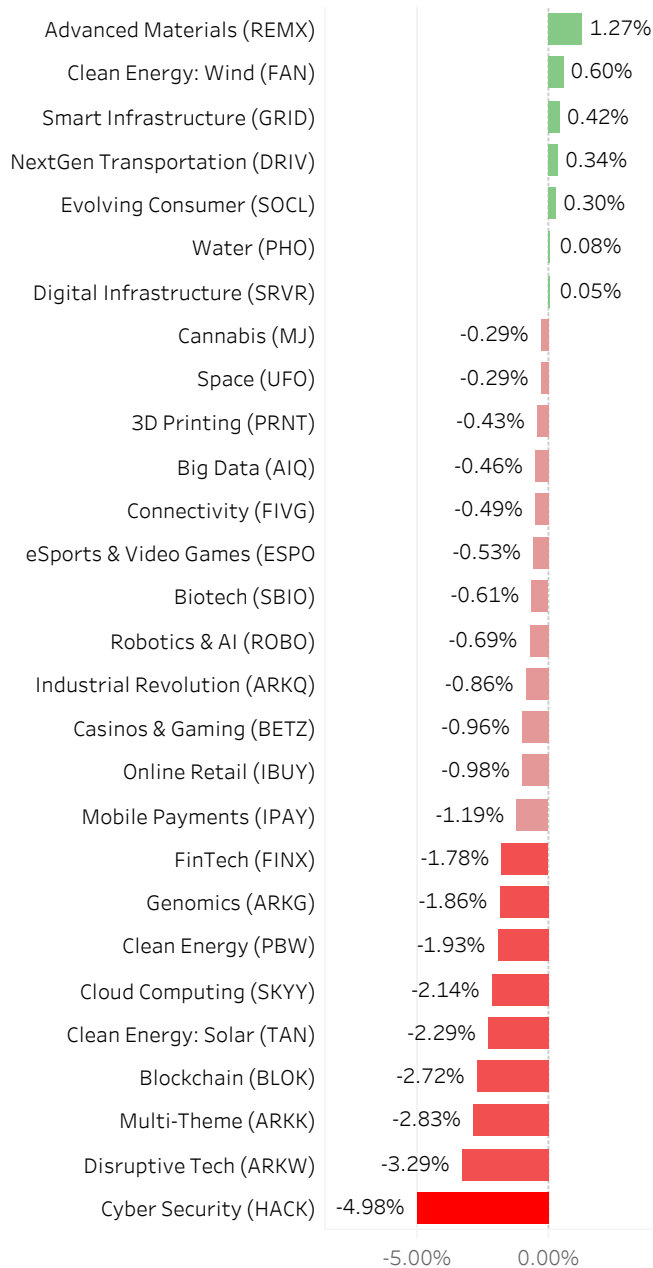


Multi-Sector

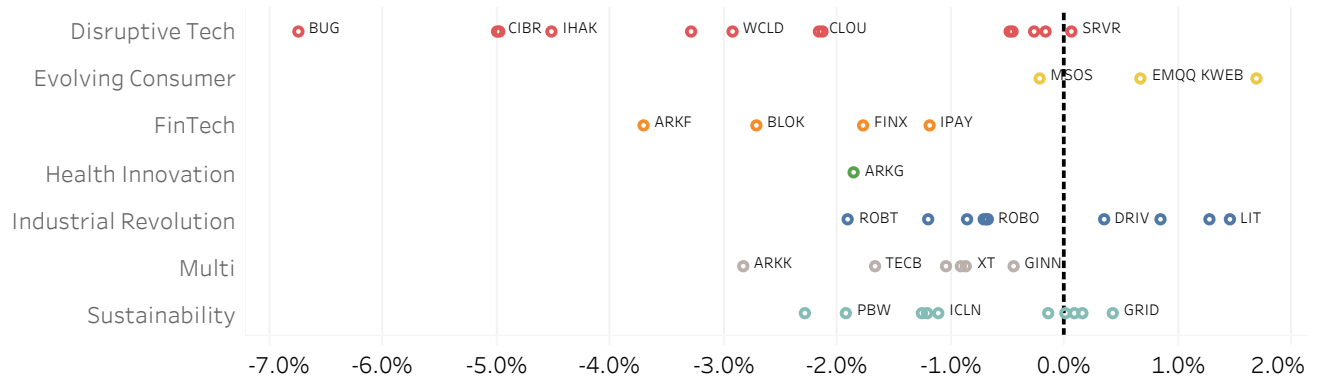


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## Global Thematic Segment 1-Day Performance



## Global Thematic 1-Day Performance Landscape



## Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
KWEB	KraneShares CSI China Internet ETF	1.68%
LIT	Global X Lithium & Battery Tech ETF	1.45%
REMX	VanEck Rare Earth/Strategic Metals ETF	1.27%
IDRV	iShares Self-driving EV & Tech ETF	0.84%
IDNA	iShares Genomics Immunology and Healthcare ETF	0.73%
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	0.66%
KGRN	KraneShares MSCI China Clean Technology Index ETF	0.61%
FAN	First Trust Global Wind Energy ETF	0.60%
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	0.51%
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure..	0.42%

## Thematic Most Overbought

Ticker	Fund	Price
EVX	VanEck Environmental Services ETF	70.36
PIO	Invesco Global Water ETF	65.88
AGNG	Global X Aging Population ETF	64.25
EBLU	Ecofin Global Water ESG Fund	63.61
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure..	63.31
PHO	Invesco Water Resources ETF	63.14
KLDW	Knowledge Leaders Developed World ETF	62.50
GBUY	Goldman Sachs Future Consumer Equity ETF	61.11
FIW	First Trust Water ETF	59.50
IDNA	iShares Genomics Immunology and Healthcare ETF	58.98

## Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
BUG	Global X Cybersecurity ETF	-6.75%
WCBR	WisdomTree Cybersecurity Fund	-6.32%
FDIG	Fidelity Crypto Industry and Digital Payments ETF	-6.13%
WGMI	Valkyrie Bitcoin Miners ETF	-6.02%
DAPP	VanEck Digital Transformation ETF	-5.88%
BKCH	Global X Blockchain ETF	-5.76%
BITQ	Bitwise Crypto Industry Innovators ETF	-5.52%
CIBR	First Trust NASDAQ Cybersecurity ETF	-5.00%
HACK	Amplify Cybersecurity ETF	-4.98%
IHAK	iShares Cybersecurity & Tech ETF	-4.52%

## Thematic Most Oversold

Ticker	Fund	Price
CLOU	Global X Cloud Computing ETF	35.52
BUG	Global X Cybersecurity ETF	36.53
WCBR	WisdomTree Cybersecurity Fund	38.10
CIBR	First Trust NASDAQ Cybersecurity ETF	38.37
HACK	Amplify Cybersecurity ETF	38.63
IHAK	iShares Cybersecurity & Tech ETF	39.86
WCLD	WisdomTree Cloud Computing Fund	42.28
CTEC	Global X CleanTech ETF	42.71
SKYY	First Trust Cloud Computing ETF	42.87
BATT	Amplify Lithium & Battery Technology ETF	43.32

\* 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	\$138M
AIQ	Global X Artificial Intelligence & Technology ETF	\$27M
KWEB	KraneShares CSI China Internet ETF	\$21M
ICLN	iShares Global Clean Energy ETF	\$20M
WTAI	WisdomTree Artificial Intelligence and Innovation Fund	\$10M
WCBR	WisdomTree Cybersecurity Fund	\$8M
IHAK	iShares Cybersecurity & Tech ETF	\$7M
WCLD	WisdomTree Cloud Computing Fund	\$7M
FMIL	Fidelity New Millennium ETF	\$6M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$5M

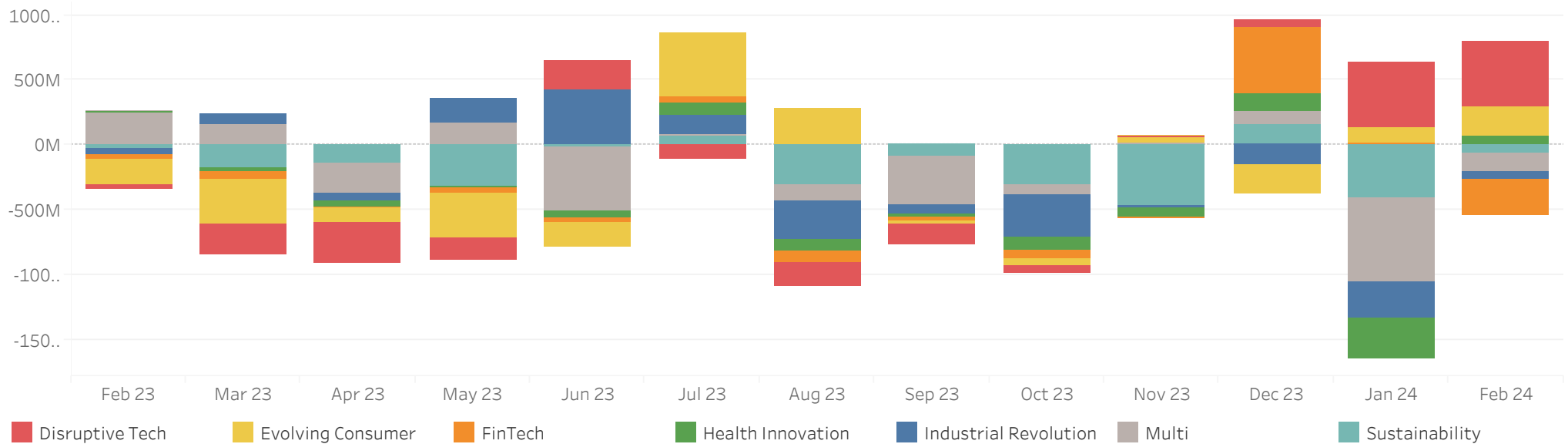
## Thematic 1 Week Flow Laggards

Ticker	Fund	
BLOK	Amplify Transformational Data Sharing ETF	(\$107M)
ARKK	ARK Innovation ETF	(\$35M)
SRVR	Pacer Data & Infrastructure Real Estate ETF	(\$34M)
KOMP	SPDR S&P Kensho New Economies Composite ETF	(\$21M)
MJUS	Amplify U.S. Alternative Harvest ETF	(\$19M)
XITK	SPDR FactSet Innovative Technology ETF	(\$18M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$17M)
ARKG	ARK Genomic Revolution ETF	(\$12M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$11M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$9M)

## Thematic Landscape Assets & Flows

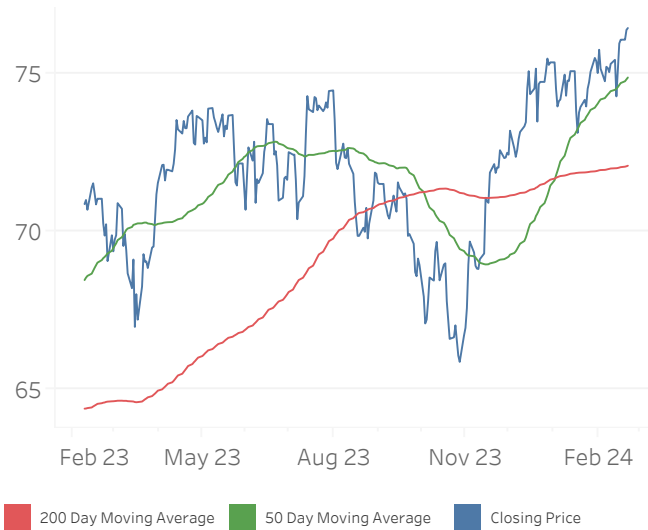
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$20B	\$129M	\$1,076M	\$812M	\$18M
Evolving Consumer	34	\$9B	\$1M	\$135M	\$96M	(\$287M)
FinTech	17	\$4B	(\$22M)	\$254M	\$129M	(\$111M)
Health Innovation	17	\$3B	(\$10M)	(\$119M)	(\$284M)	(\$419M)
Industrial Revolution	30	\$10B	(\$32M)	(\$493M)	(\$888M)	(\$461M)
Multi	33	\$15B	(\$87M)	(\$735M)	(\$1,069M)	(\$1,381M)
Sustainability	39	\$13B	\$4M	(\$451M)	(\$1,199M)	(\$2,093M)
Grand Total	203	\$73B	(\$17M)	(\$333M)	(\$2,403M)	(\$4,732M)

## Thematic Monthly Flows

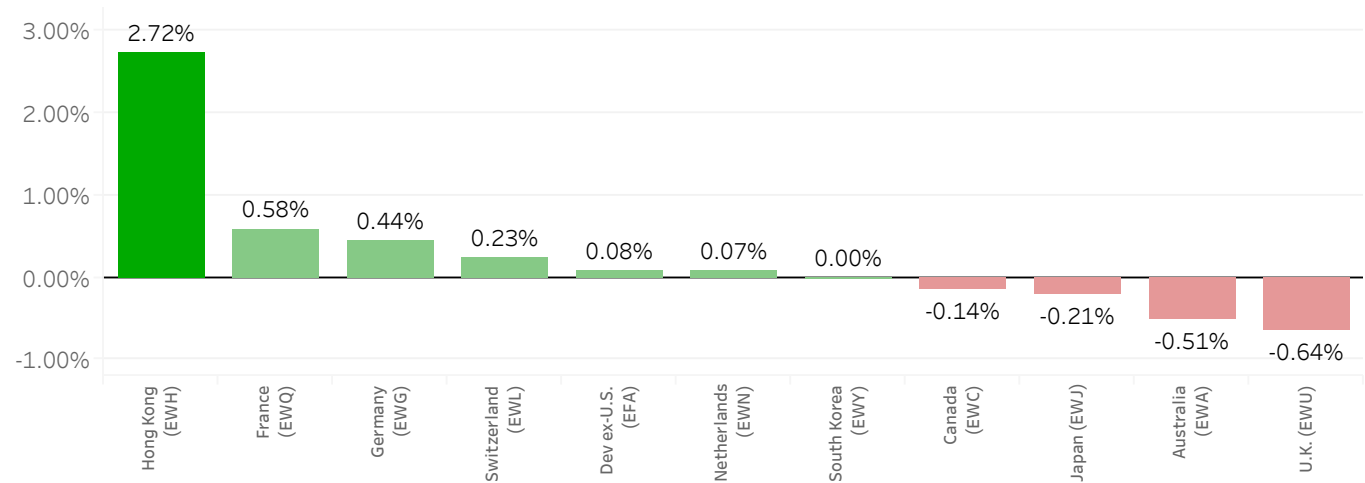


\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day

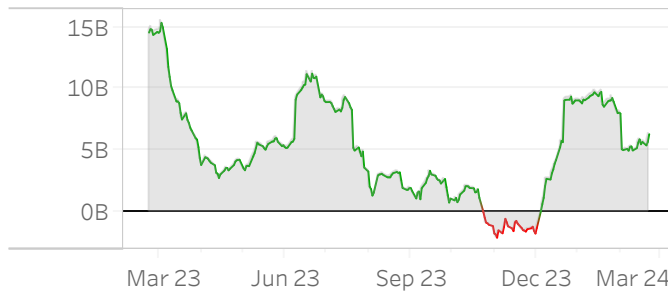
Developed ex-U.S. (EFA)



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



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



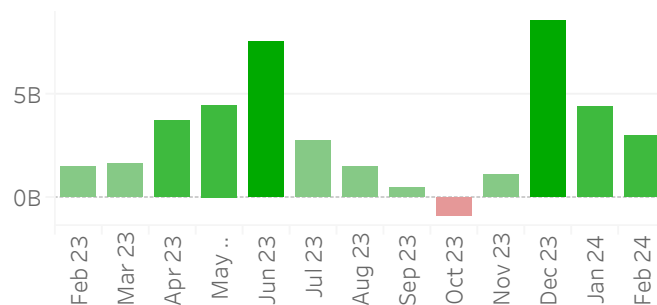
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWH	iShares MSCI Hong Kong ETF	2.72%
EWI	iShares MSCI Italy ETF	1.15%
HEDJ	WisdomTree Europe Hedged Equity Fund	0.88%
AIA	iShares Asia 50 ETF	0.81%
EWP	iShares MSCI Spain ETF	0.74%
FSZ	First Trust Switzerland AlphaDEX Fund	0.69%
FEZ	SPDR EURO STOXX 50 ETF	0.65%
FEP	First Trust Europe AlphaDEX Fund	0.65%
HEZU	iShares Currency Hedged MSCI Eurozone ETF	0.64%
EWQ	iShares MSCI France ETF	0.58%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
DXJ	WisdomTree Japan Hedged Equity Fund	85.36
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	80.23
HEWJ	iShares Currency Hedged MSCI Japan ETF	79.06
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	76.13
HEFA	iShares Currency Hedged MSCI EAFE ETF	75.25
HEDJ	WisdomTree Europe Hedged Equity Fund	74.65
IHDG	WisdomTree International Hedged Quality Dividend Grow..	71.84
IMTM	iShares MSCI Intl Momentum Factor ETF	69.74
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	69.07
LVHI	Franklin International Low Volatility High Dividend Index ..	68.93

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
ISRA	VanEck Israel ETF	-1.40%
EIS	iShares MSCI Israel ETF	-1.09%
EWS	iShares MSCI Singapore ETF	-0.87%
EWU	iShares MSCI United Kingdom ETF	-0.64%
FJP	First Trust Japan AlphaDEX Fund	-0.62%
FLGB	Franklin FTSE United Kingdom ETF	-0.54%
MINV	Matthews Asia Innovators Active ETF	-0.52%
EWA	iShares MSCI Australia ETF	-0.51%
IDMO	Invesco S&P International Developed Momentum ETF	-0.40%
GREK	Global X MSCI Greece ETF	-0.39%

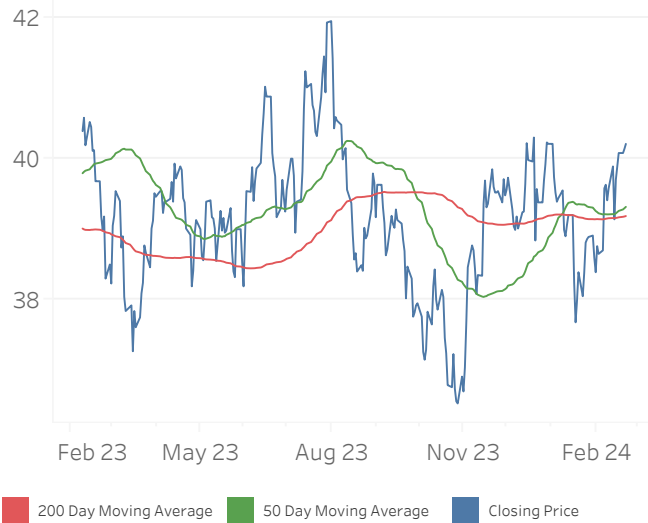
Developed ex-U.S. Most Oversold

Ticker	Fund	Value
ENZL	iShares MSCI New Zealand ETF	38.21
FDD	First Trust Stoxx European Select Dividend Index Fu..	43.71
EWA	iShares MSCI Australia ETF	51.13
EWO	iShares MSCI Austria ETF	51.31
IEUS	iShares MSCI Europe Small-Cap ETF	52.36
FSZ	First Trust Switzerland AlphaDEX Fund	52.72
ICOW	Pacer Developed Markets International Cash Cows 1..	52.90
IDOG	ALPS International Sector Dividend Dogs ETF	52.98
EWC	iShares MSCI Canada ETF	53.02
GWX	SPDR S&P International Small Cap ETF	53.34

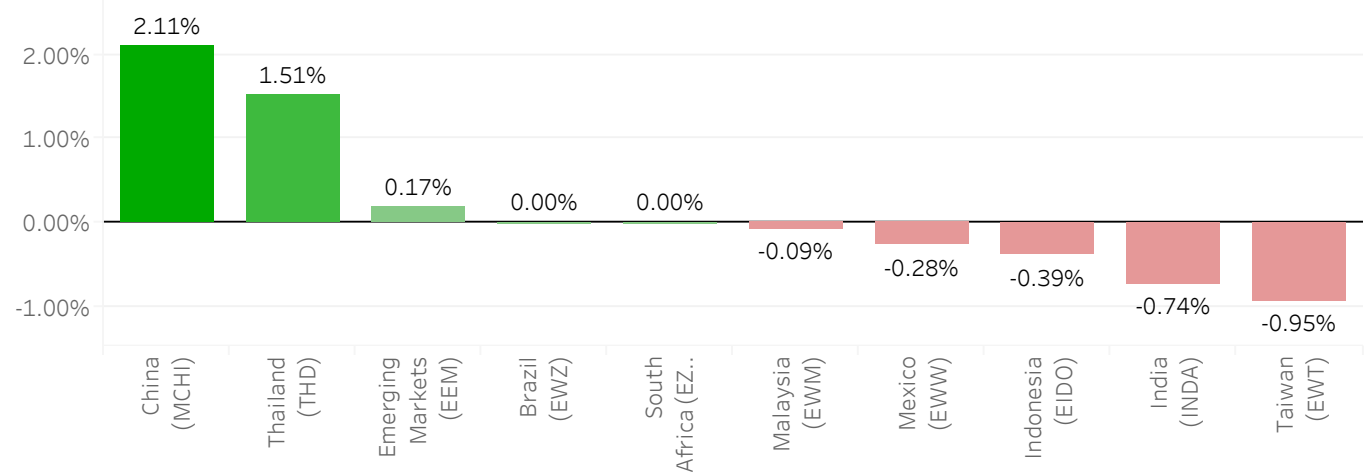
\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



Emerging (EEM)



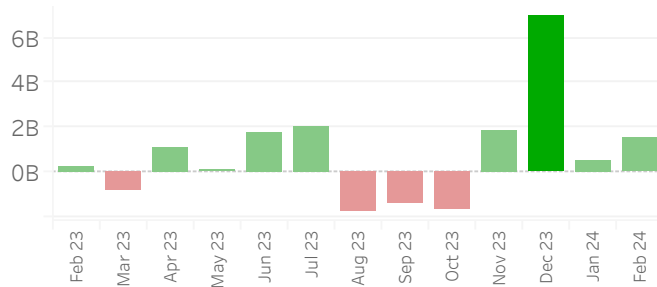
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
FXI	iShares China Large-Cap ETF	2.92%
ECNS	iShares MSCI China Small-Cap ETF	2.85%
MCHI	iShares MSCI China ETF	2.11%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	1.85%
GXC	SPDR S&P China ETF	1.71%
FLCH	Franklin FTSE China ETF	1.61%
THD	iShares MSCI Thailand ETF	1.51%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	1.47%
CNYA	iShares MSCI China A ETF	1.27%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	1.24%

Emerging Most Overbought

Ticker	Fund	Price
EYLD	Cambria Emerging Shareholder Yield ETF	72.37
TUR	iShares MSCI Turkey ETF	69.94
KSA	iShares MSCI Saudi Arabia ETF	66.69
EDIV	SPDR S&P Emerging Markets Dividend ETF	66.50
DEM	WisdomTree Emerging Markets High Dividend Fund	66.41
EEMV	iShares MSCI Emerging Markets Min Vol Factor ETF	66.14
EWM	iShares MSCI Malaysia ETF	66.06
FEM	First Trust Emerging Markets AlphaDEX Fund	65.86
EPOL	iShares MSCI Poland ETF	65.78
DFEV	Dimensional Emerging Markets Value ETF	65.25

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
ECH	iShares MSCI Chile ETF	-1.54%
FLN	First Trust Latin America AlphaDEX Fund	-1.35%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	-1.12%
FLTW	Franklin FTSE Taiwan ETF	-1.11%
DGRE	WisdomTree Emerging Markets Quality Dividend Growth	-1.10%
PIN	Invesco India ETF	-1.08%
EPI	WisdomTree India Earnings Fund	-0.97%
EWT	iShares MSCI Taiwan ETF	-0.95%
SMIN	iShares MSCI India Small Cap ETF	-0.90%
INDY	iShares India 50 ETF	-0.87%

Emerging Most Oversold

Ticker	Fund	Price
EZA	iShares MSCI South Africa ETF	45.74
ARGT	Global X MSCI Argentina ETF	45.96
EWZS	iShares MSCI Brazil Small-Cap ETF	48.89
ECH	iShares MSCI Chile ETF	50.12
THD	iShares MSCI Thailand ETF	51.01
EWW	iShares MSCI Mexico ETF	51.89
SMIN	iShares MSCI India Small Cap ETF	52.89
EWT	iShares MSCI Taiwan ETF	53.09
FLTW	Franklin FTSE Taiwan ETF	53.74
FLLA	Franklin FTSE Latin America ETF	53.99

\* 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	-0.30%	-0.85%	-2.08%
SHY	1-3 Year Treasury Bonds	-0.09%	-0.18%	-0.19%
IEF	7-10 Year Treasury Bonds	-0.32%	-1.17%	-2.66%
TLT	20+ Year Treasury Bonds	-0.71%	-1.72%	-6.48%
TIP	TIPS Bonds	-0.11%	-0.87%	-1.30%
FLOT	Floating Rate Bonds	0.00%	0.64%	1.09%
LQD	Investment Grade Corporate	-0.25%	-0.96%	-2.45%
HYG	High Yield Corporate	-0.18%	0.18%	-0.10%
BKLN	Senior Loan	0.10%	0.69%	0.64%
PFF	Preferred & Income Securities	-0.25%	1.38%	2.35%
MUB	Municipal Bonds	0.00%	0.58%	-0.27%
MBB	MBS	-0.53%	-1.23%	-2.69%
EMB	Dollar Denominated EM Bonds	-0.08%	-0.02%	-1.78%
LEMB	Local Currency EM Bond	-0.06%	-0.69%	-2.23%

### Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.91%	0.17%	-1.45%
DBE	Energy	0.98%	1.70%	3.80%
USO	WTI Crude Oil	1.08%	6.36%	9.83%
BNO	Brent Crude Oil	0.71%	6.27%	9.26%
UNG	Natural Gas	12.53%	-20.10%	-18.05%
UGA	Gasoline	0.75%	4.74%	8.39%
DBP	Precious Metals	-0.15%	0.04%	-2.26%
GLD	Gold	0.01%	-0.24%	-1.93%
SLV	Silver	-0.52%	1.40%	-3.76%
PPLT	abrdn Physical Platin..	-2.09%	-1.69%	-10.59%
PALL	abrdn Physical Palla..	-2.51%	0.37%	-13.21%
DBB	Base Metals	0.58%	0.52%	-5.41%
CPER	Copper	0.42%	2.24%	0.00%
DBA	Agriculture	0.68%	5.43%	6.80%
CORN	Corn	-1.64%	-5.73%	-10.76%
SOYB	Soybeans	-1.51%	-4.46%	-9.63%
WEAT	Wheat	-0.19%	-5.12%	-10.05%
CANE	Sugar	0.14%	-0.10%	9.22%

### Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.11%	1.16%	3.43%
UDN	Short Dollar	0.06%	-0.39%	-2.17%
FXE	Euro	0.09%	-0.51%	-1.67%
FXB	British Pound Sterling	0.08%	-0.22%	-0.43%
FXF	Swiss Franc	0.21%	-1.25%	-4.34%
FXJ	Japanese Yen	-0.13%	-1.44%	-6.29%
FXC	Canadian Dollar	0.10%	-0.34%	-1.59%
FXA	Australian Dollar	-0.03%	-0.63%	-3.67%

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