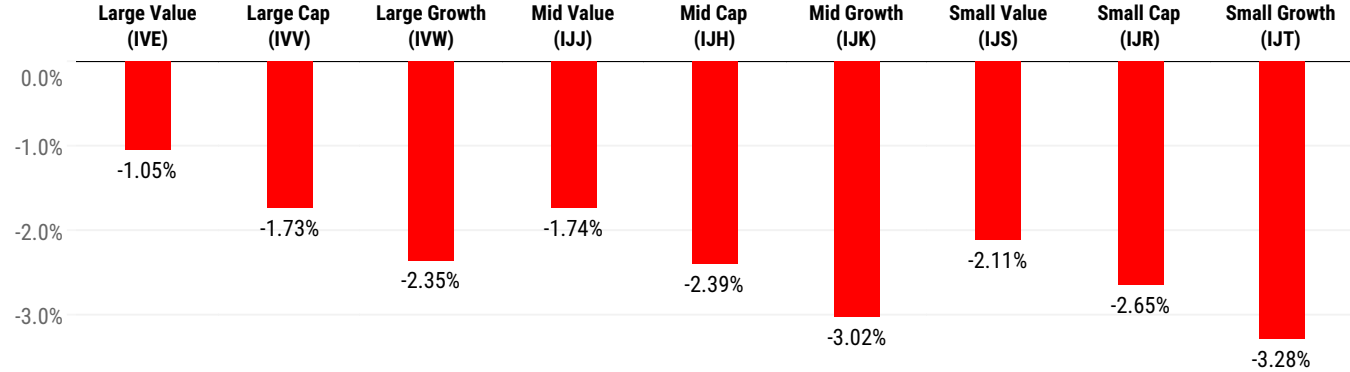


### Large Cap Blend (S&P 500) IVV



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



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



### Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	0.45%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	0.36%
HDV	iShares Core High Dividend ETF	0.29%
SPLV	Invesco S&P 500 Low Volatility ETF	0.25%
BAMD	Brookstone Dividend Stock ETF	0.16%
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd E..	0.14%
FDV	Federated Hermes U.S. Strategic Dividend ETF	0.11%
FLV	American Century Focused Large Cap Value ETF	0.07%
FDL	First Trust Morningstar Dividend Leaders Index Fund	0.05%
DHS	WisdomTree U.S. High Dividend Fund	0.04%

### Size & Style Most Overbought

Ticker	Fund	Value
FDL	First Trust Morningstar Dividend Leaders Index Fund	77.16
HDV	iShares Core High Dividend ETF	71.67
FDV	Federated Hermes U.S. Strategic Dividend ETF	70.13
SIXA	ETC 6 Meridian Mega Cap Equity ETF	70.00
DHS	WisdomTree U.S. High Dividend Fund	69.73
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	68.36
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	68.27
CDL	VictoryShares US Large Cap High Dividend Volatility Wtd..	68.06
TBG	TBG Dividend Focus ETF	67.95
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	67.69

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



### Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
FFTY	Innovator IBD 50 ETF	-7.38%
FPX	First Trust US Equity Opportunities ETF	-4.61%
FRTY	Alger Mid Cap 40 ETF	-4.52%
DWAS	Invesco Dorsey Wright SmallCap Momentum ETF	-4.49%
BUZZ	VanEck Social Sentiment ETF	-4.40%
MVPA	Miller Value Partners Appreciation ETF	-4.32%
FNY	First Trust Mid Cap Growth AlphaDEX Fund	-3.93%
VTWG	Vanguard Russell 2000 Growth ETF	-3.71%
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	-3.69%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	-3.68%

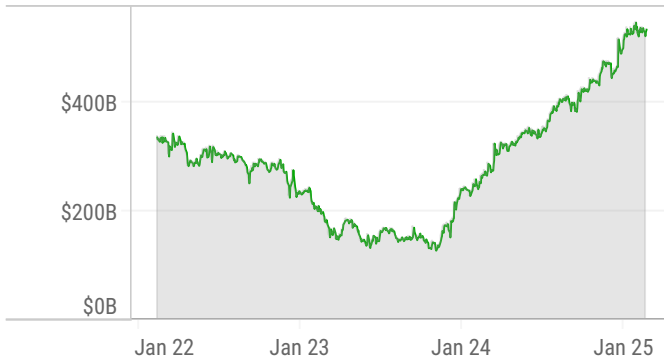
### Size & Style Most Oversold

Ticker	Fund	Value
NUMG	Nuveen ESG Mid-Cap Growth ETF	25.47
MDCP	VictoryShares THB Mid Cap ETF	26.39
AMID	Argent Mid Cap ETF	27.36
RFG	Invesco S&P Midcap 400 Pure Growth ETF	27.77
JSMD	Janus Henderson Small/Mid Cap Growth Alpha ETF	27.90
USSE	Segall Bryant & Hamill Select Equity ETF	27.97
CALF	Pacer US Small Cap Cash Cows 100 ETF	27.98
GLRY	Inspire Faithward Mid Cap Momentum ETF	28.36
XMMO	Invesco S&P MidCap Momentum ETF	29.05
RSMC	Rockefeller U.S. Small-Mid Cap ETF	29.28

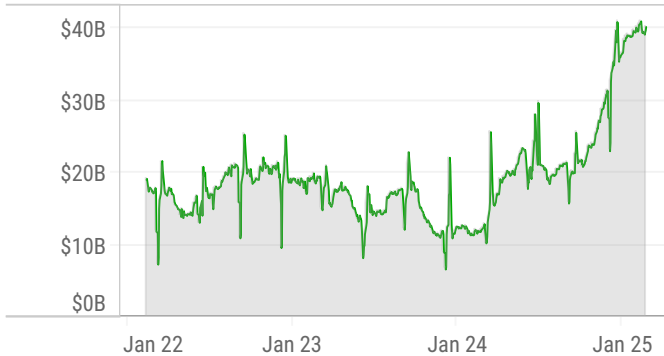
■ Closing Price    
 ■ 50 Day Moving Average    
 ■ 200 Day Moving Average

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

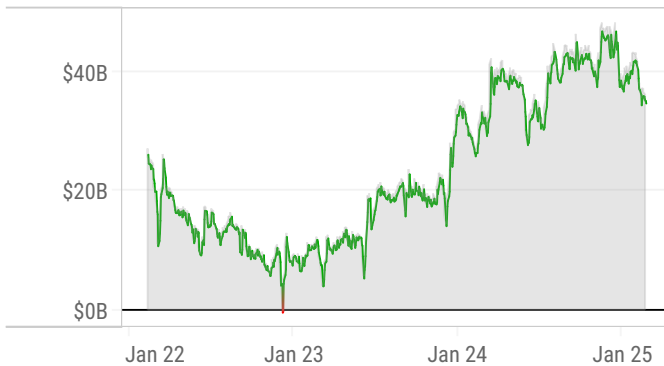
### Large-Cap 12-Month Rolling Flows



### Mid-Cap 12-Month Rolling Flows



### Small-Cap 12-Month Rolling Flows



### U.S. Size & Style Landscape Flows

	Funds	1 Week	3 Month	6 Month	1 Year	AUM
Equity: U.S. Large Cap - Blend	285	\$4.52B	\$99.79B	\$221.38B	\$368.65B	\$3,314B
Equity: U.S. Large Cap - Growth	125	\$5.82B	\$39.46B	\$65.60B	\$117.14B	\$995B
Equity: U.S. Large Cap - Value	177	\$0.59B	\$21.06B	\$38.57B	\$58.17B	\$783B
Equity: U.S. Mid Cap - Blend	62	\$0.84B	\$10.69B	\$19.15B	\$33.02B	\$327B
Equity: U.S. Mid Cap - Growth	23	\$0.15B	\$1.27B	\$2.16B	\$3.05B	\$55B
Equity: U.S. Mid Cap - Value	18	\$0.19B	\$1.49B	\$3.97B	\$4.91B	\$72B
Equity: U.S. Small Cap - Blend	56	(\$0.40B)	\$4.47B	\$13.60B	\$23.98B	\$310B
Equity: U.S. Small Cap - Growth	17	(\$0.13B)	\$0.71B	\$1.40B	\$2.90B	\$49B
Equity: U.S. Small Cap - Value	32	(\$0.01B)	\$1.03B	\$3.63B	\$7.24B	\$96B

### U.S. Size & Style Flow Leaders

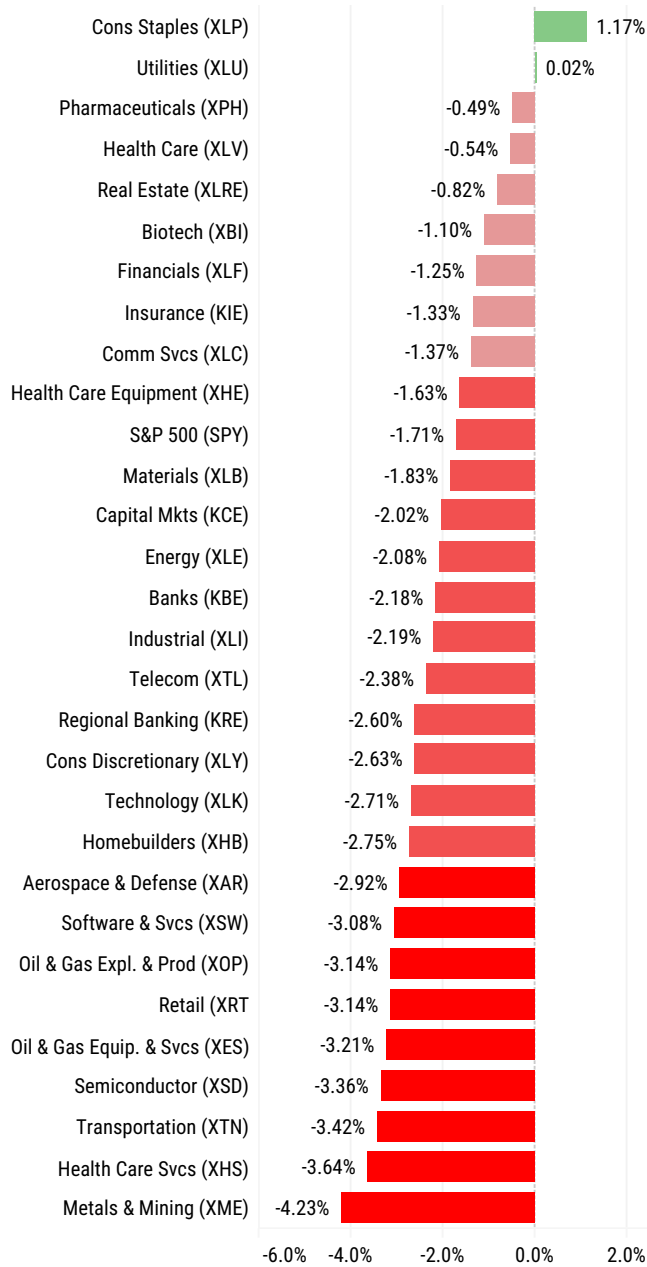
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust Series I	\$4.31B	\$11.25B	\$16.37B	\$30.12B	\$341.62B
SPY	SPDR S&P 500 ETF Trust	\$1.84B	(\$2.01B)	\$20.92B	\$29.15B	\$635.55B
VOO	Vanguard S&P 500 ETF	\$1.66B	\$37.96B	\$81.48B	\$126.76B	\$634.02B
FDVV	Fidelity High Dividend ETF	\$1.11B	\$1.76B	\$2.41B	\$3.14B	\$6.00B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.68B	\$4.70B	\$11.96B	\$19.20B	\$75.70B
VTI	Vanguard Total Stock Market ETF	\$0.56B	\$10.77B	\$14.44B	\$30.67B	\$481.07B
XLG	Invesco S&P 500 Top 50 ETF	\$0.35B	\$1.57B	\$2.09B	\$4.16B	\$9.26B
VTV	Vanguard Value ETF	\$0.32B	\$4.42B	\$7.02B	\$10.49B	\$137.60B
QQQM	Invesco NASDAQ 100 ETF	\$0.32B	\$5.82B	\$8.80B	\$16.06B	\$44.94B
VO	Vanguard Mid-Cap ETF	\$0.31B	\$2.22B	\$3.78B	\$5.65B	\$76.65B

### U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$1.29B)	(\$0.28B)	(\$0.02B)	\$0.51B	\$37.77B
IWM	iShares Russell 2000 ETF	(\$0.63B)	(\$1.68B)	\$1.70B	\$3.29B	\$72.06B
VYM	Vanguard High Dividend Yield Index ETF	(\$0.42B)	(\$0.32B)	\$0.25B	\$0.66B	\$61.76B
DGRO	iShares Core Dividend Growth ETF	(\$0.35B)	\$0.52B	\$0.50B	\$1.39B	\$31.49B
USMC	Principal U.S. Mega-Cap ETF	(\$0.27B)	(\$0.03B)	(\$0.01B)	\$0.09B	\$2.73B
IWB	iShares Russell 1000 ETF	(\$0.17B)	(\$0.14B)	(\$1.30B)	(\$1.30B)	\$39.85B
IWF	iShares Russell 1000 Growth ETF	(\$0.17B)	(\$0.30B)	(\$1.14B)	(\$1.85B)	\$107.71B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.13B)	\$0.44B	\$1.15B	\$1.30B	\$24.31B
MOAT	VanEck Morningstar Wide Moat ETF	(\$0.12B)	(\$0.64B)	(\$0.69B)	(\$0.56B)	\$14.74B
IVE	iShares S&P 500 Value ETF	(\$0.12B)	\$0.14B	\$0.48B	\$0.46B	\$36.09B

\* 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	-2.12%	21.16%	0.26%	4.99%	45.69
XLC	Communication Services Select Sector SPDR Fund	-2.17%	32.31%	2.93%	12.38%	54.38
XLP	Consumer Staples Select Sector SPDR Fund	-2.47%	12.45%	4.02%	2.92%	66.96
XLF	Financial Select Sector SPDR Fund	-2.76%	28.19%	1.53%	9.98%	46.00
XLK	Technology Select Sector SPDR Fund	-3.02%	21.99%	-0.18%	3.50%	47.41
XLU	Utilities Select Sector SPDR Fund	-3.21%	27.88%	3.55%	5.55%	62.57
XLI	Industrial Select Sector SPDR Fund	-6.35%	11.93%	-0.83%	2.27%	38.28
XLV	Health Care Select Sector SPDR Fund	-6.87%	7.45%	2.83%	-0.65%	56.02
XLRE	Real Estate Select Sector SPDR Fund	-6.90%	18.19%	2.51%	1.23%	56.10
XLE	Energy Select Sector SPDR Fund	-7.29%	9.13%	2.36%	0.78%	52.47
XLY	Consumer Discretionary Select Sector SPDR Fund	-8.79%	28.65%	-4.19%	7.96%	32.69
XLB	Materials Select Sector SPDR Fund	-9.79%	5.87%	1.00%	-3.02%	45.31

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
RSPS	Invesco S&P 500 Equal Weight Consumer Staple..	1.67%
IYK	iShares U.S. Consumer Staples ETF	1.55%
XLP	Consumer Staples Select Sector SPDR Fund	1.17%
VDC	Vanguard Consumer Staples ETF	0.74%
FSTA	Fidelity MSCI Consumer Staples Index ETF	0.66%
FXG	First Trust Consumer Staples AlphaDEX Fund	0.60%
IHE	iShares U.S. Pharmaceuticals ETF	0.58%
FXU	First Trust Utilities AlphaDEX Fund	0.42%
PSCC	Invesco S&P SmallCap Consumer Staples ETF	0.39%
RSPU	Invesco S&P 500 Equal Weight Utilities ETF	0.29%

### Sector & Industry Most Overbought

Ticker	Fund	Value
IYK	iShares U.S. Consumer Staples ETF	72.29
FXU	First Trust Utilities AlphaDEX Fund	68.49
IHE	iShares U.S. Pharmaceuticals ETF	67.30
XLP	Consumer Staples Select Sector SPDR Fund	66.96
RSPU	Invesco S&P 500 Equal Weight Utilities ETF	66.79
RSPS	Invesco S&P 500 Equal Weight Consumer Staples ETF	66.28
BIZD	VanEck BDC Income ETF	65.80
PBDC	Putnam BDC Income ETF	65.30
KBWD	Invesco KBW High Dividend Yield Financial ETF	64.54
IDU	iShares U.S. Utilities ETF	64.27

### Sector & Industry 1 Day Performance Laggards

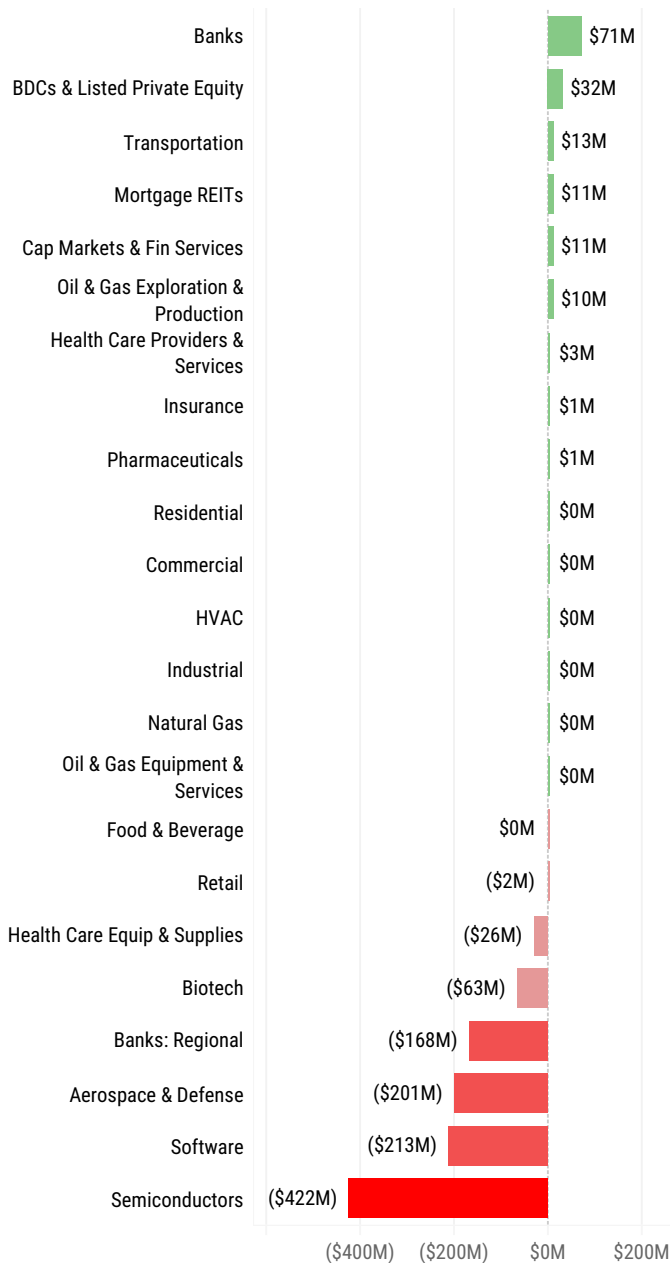
Ticker	Fund	1 Day Performance
PTH	Invesco Dorsey Wright Healthcare Momentum ETF	-6.67%
PSCH	Invesco S&P SmallCap Health Care ETF	-4.86%
PEZ	Invesco Dorsey Wright Consumer Cyclical Momentu..	-4.43%
PRN	Invesco Dorsey Wright Industrials Momentum ETF	-3.67%
XHS	SPDR S&P Health Care Services ETF	-3.64%
IHF	iShares U.S. Healthcare Providers ETF	-3.49%
XTN	SPDR S&P Transportation ETF	-3.42%
PSCE	Invesco S&P SmallCap Energy ETF	-3.41%
FCG	First Trust Natural Gas ETF	-3.36%
FXN	First Trust Energy AlphaDEX Fund	-3.27%

### Sector & Industry Most Oversold

Ticker	Fund	Value
PSCI	Invesco S&P SmallCap Industrials ETF	28.93
MISL	First Trust Indxx Aerospace & Defense ETF	29.03
XRT	SPDR S&P Retail ETF	29.76
PRN	Invesco Dorsey Wright Industrials Momentum ETF	31.01
XAR	SPDR S&P Aerospace & Defense ETF	31.51
FXR	First Trust Industrials/Producer Durables AlphaDEX Fund	31.64
PPA	Invesco Aerospace & Defense ETF	31.99
PSCE	Invesco S&P SmallCap Energy ETF	31.99
XLY	Consumer Discretionary Select Sector SPDR Fund	32.69
FDIS	Fidelity MSCI Consumer Discretionary Index ETF	32.85

\* 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	1 Week	3 Month	6 Month	1 Year	AUM
Sector: Communication Services	4	\$173M	\$1,442M	\$910M	(\$179M)	\$29B
Sector: Consumer Discretionary	10	(\$308M)	\$298M	\$1,165M	(\$654M)	\$36B
Sector: Consumer Staples	10	(\$463M)	\$53M	(\$997M)	(\$144M)	\$27B
Sector: Energy	19	\$107M	(\$3,427M)	(\$5,923M)	(\$7,770M)	\$50B
Sector: Financials	30	\$460M	\$6,230M	\$11,926M	\$15,734M	\$98B
Sector: Health Care	22	\$24M	(\$3,276M)	(\$5,662M)	(\$8,949M)	\$85B
Sector: Industrial	19	\$139M	\$917M	\$1,973M	\$3,944M	\$49B
Sector: Materials	8	\$25M	(\$74M)	\$107M	\$384M	\$10B
Sector: Real Estate	32	(\$48M)	(\$794M)	\$694M	\$3,051M	\$67B
Sector: Technology	24	(\$600M)	\$2,824M	\$6,376M	\$15,760M	\$248B
Sector: Utilities	9	\$68M	\$781M	\$293M	\$3,622M	\$29B

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

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	\$436M	\$1,632M	\$3,794M	\$6,282M	\$54,333M
XLI	Industrial Select Sector SPDR Fund	\$290M	\$761M	\$1,420M	\$3,004M	\$22,070M
XLV	Health Care Select Sector SPDR Fund	\$142M	(\$1,114M)	(\$1,134M)	(\$2,676M)	\$38,446M
XLC	Communication Services Select Sector SPDR Fund	\$131M	\$1,157M	\$737M	(\$178M)	\$22,491M
KBE	SPDR S&P Bank ETF	\$65M	\$346M	\$597M	\$648M	\$2,734M
XLU	Utilities Select Sector SPDR Fund	\$60M	\$654M	(\$349M)	\$2,158M	\$18,001M
IYJ	iShares U.S. Industrials ETF	\$49M	\$42M	\$31M	\$88M	\$1,671M
VFH	Vanguard Financials ETF	\$48M	\$600M	\$959M	\$769M	\$12,518M
VDE	Vanguard Energy ETF	\$46M	(\$55M)	(\$520M)	(\$740M)	\$8,029M
XLE	Energy Select Sector SPDR Fund	\$45M	(\$2,983M)	(\$4,192M)	(\$4,519M)	\$33,948M

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

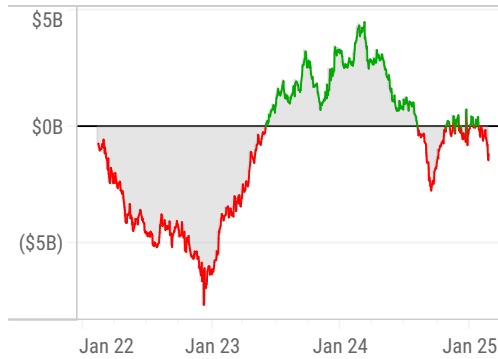
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLP	Consumer Staples Select Sector SPDR Fund	(\$454M)	\$122M	(\$818M)	\$132M	\$16,403M
SOXX	iShares Semiconductor ETF	(\$401M)	(\$2,229M)	(\$1,648M)	\$392M	\$13,555M
XLY	Consumer Discretionary Select Sector SPDR Fund	(\$296M)	(\$138M)	\$650M	(\$1,075M)	\$23,344M
IGV	iShares Expanded Tech-Software Sector ETF	(\$213M)	\$1,262M	\$3,082M	\$1,814M	\$11,017M
KRE	SPDR S&P Regional Banking ETF	(\$162M)	(\$86M)	\$1,361M	\$1,426M	\$4,725M
ITA	iShares U.S. Aerospace & Defense ETF	(\$124M)	(\$105M)	(\$577M)	(\$734M)	\$6,383M
IYR	iShares U.S. Real Estate ETF	(\$101M)	(\$670M)	(\$399M)	\$701M	\$3,898M
PPA	Invesco Aerospace & Defense ETF	(\$65M)	\$146M	\$736M	\$1,201M	\$4,669M
MAGS	Roundhill Magnificent Seven ETF	(\$50M)	\$784M	\$1,031M	\$1,534M	\$1,883M
IHI	iShares U.S. Medical Devices ETF	(\$35M)	(\$147M)	(\$500M)	(\$1,054M)	\$5,129M

\* 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



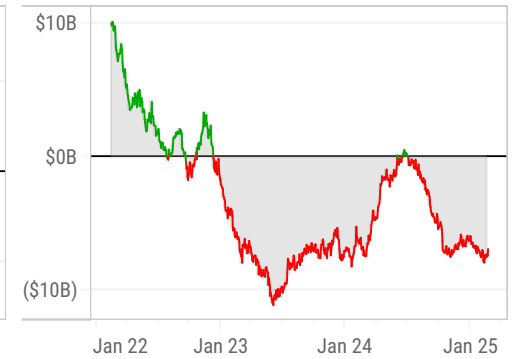
## Consumer Discretionary



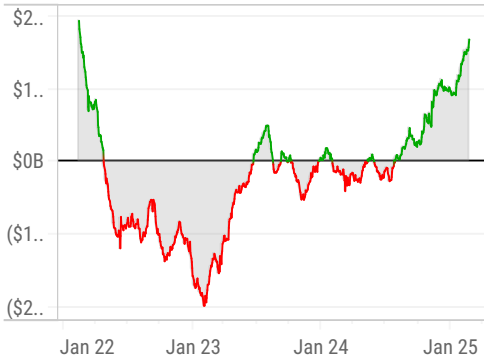
## Consumer Staples



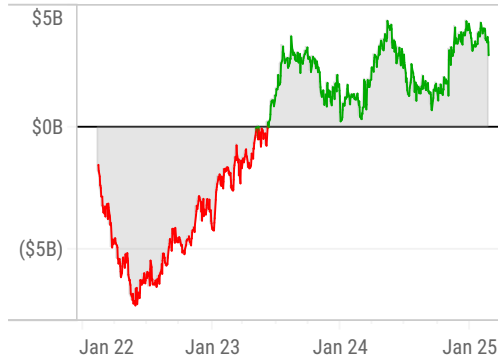
## Energy



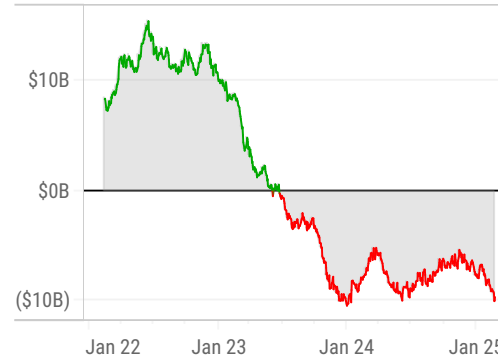
## Financials



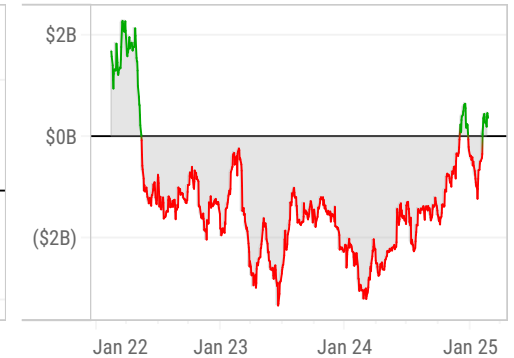
## Industrial



## Health Care



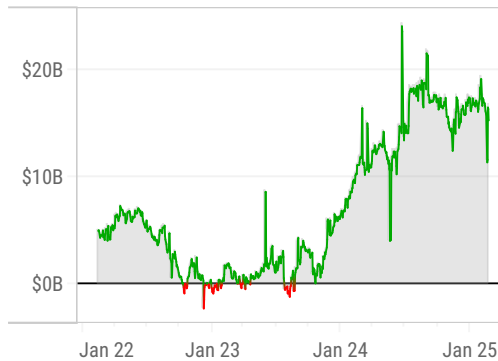
## Materials



## Real Estate



## Technology

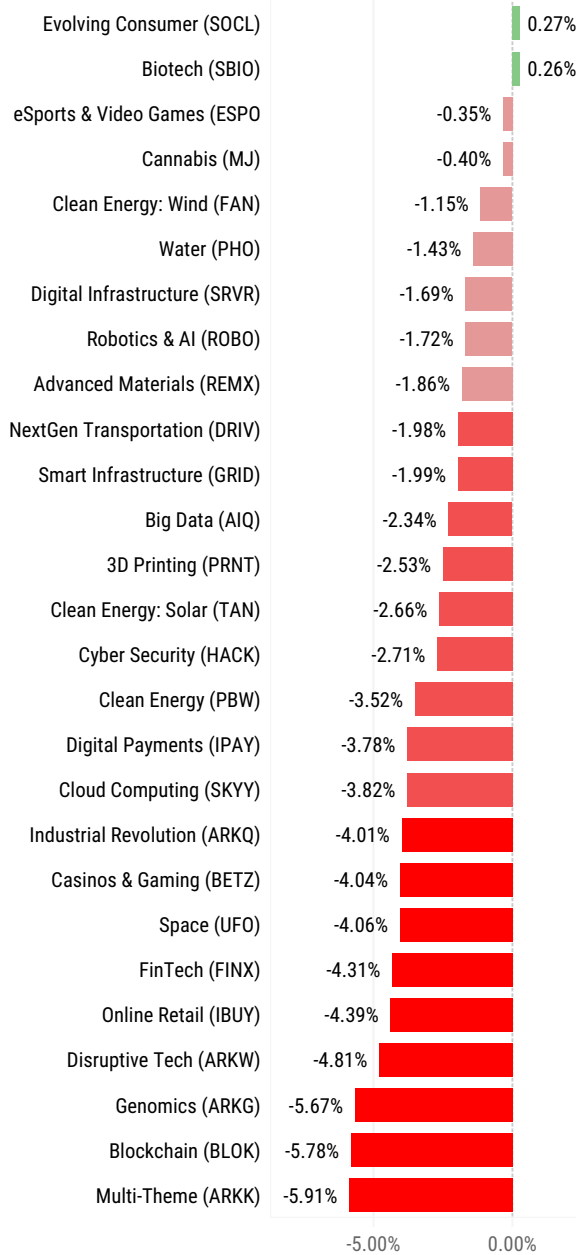


## Utilities

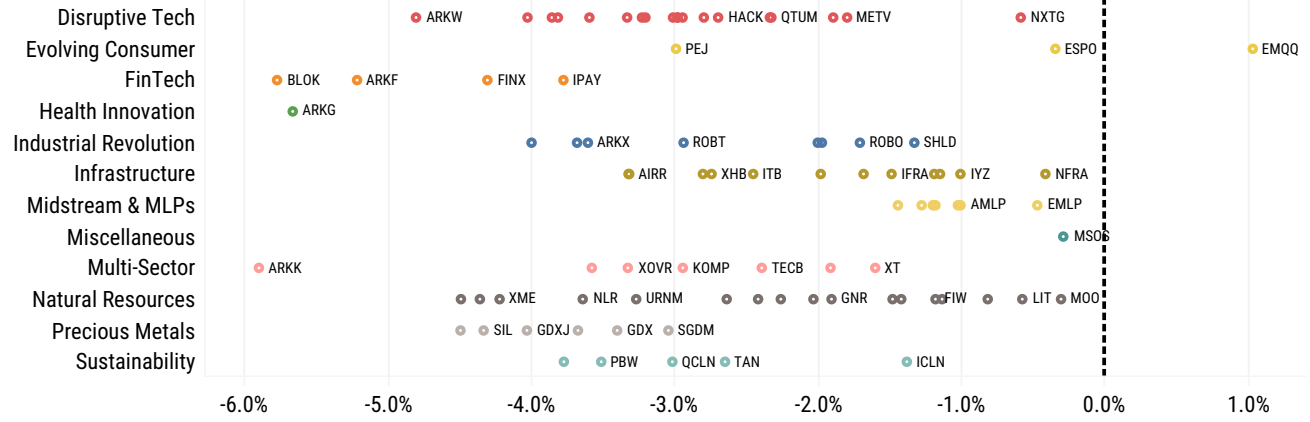


\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day

### Global Thematic Segment 1-Day Performance



### Global Thematic 1-Day Performance Landscape



### Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
EMQQ	EMQQ The Emerging Markets Internet ETF	1.02%
KLIP	KraneShares KWEB Covered Call Strategy ETF	0.36%
SOCL	Global X Social Media ETF	0.27%
SBIO	ALPS Medical Breakthroughs ETF	0.26%
AGNG	Global X Aging Population ETF	0.19%
HERO	Global X Video Games & Esports ETF	0.18%
IDNA	iShares Genomics Immunology and Healthcare ETF	0.00%
HRTS	Tema GLP-1 Obesity & Cardiometabolic ETF	-0.07%
CANC	Tema Oncology ETF	-0.14%
SDG	iShares MSCI Global Sustainable Development Goals E..	-0.19%

### Thematic Most Overbought

Ticker	Fund	Value
HERO	Global X Video Games & Esports ETF	76.72
EMQQ	EMQQ The Emerging Markets Internet ETF	74.75
ESPO	VanEck Video Gaming and eSports ETF	74.23
DTCR	Global X Data Center And Digital Infrastructure ETF	71.43
ECON	Columbia Research Enhanced Emerging Economies ETF	70.23
SOCL	Global X Social Media ETF	67.09
SDG	iShares MSCI Global Sustainable Development Goals ETF	66.20
NXTG	First Trust Indxx NextG ETF	65.23
KLIP	KraneShares KWEB Covered Call Strategy ETF	64.61
AGNG	Global X Aging Population ETF	63.67

### Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
WGMI	CoinShares Valkyrie Bitcoin Miners ETF	-8.76%
DAPP	VanEck Digital Transformation ETF	-8.02%
BKCH	Global X Blockchain ETF	-7.82%
CRPT	First Trust SkyBridge Crypto Industry & Digital Econo..	-7.61%
STCE	Schwab Crypto Thematic ETF	-7.06%
LFGY	YieldMax Crypto Industry & Tech Portfolio Option Inc..	-6.81%
FDIG	Fidelity Crypto Industry and Digital Payments ETF	-6.35%
BITQ	Bitwise Crypto Industry Innovators ETF	-6.23%
OARK	YieldMax Innovation Option Income Strategy ETF	-6.22%
ARKK	ARK Innovation ETF	-5.91%

### Thematic Most Oversold

Ticker	Fund	Value
AIRR	First Trust RBA American Industrial Renaissance ETF	25.74
LFGY	YieldMax Crypto Industry & Tech Portfolio Option Inco..	27.41
PKB	Invesco Building & Construction ETF	28.57
URNJ	Sprott Junior Uranium Miners ETF	30.63
URNM	Sprott Uranium Miners ETF	31.08
PAWZ	ProShares Pet Care ETF	31.16
OARK	YieldMax Innovation Option Income Strategy ETF	31.42
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	31.66
ITB	iShares U.S. Home Construction ETF	32.05
XHB	SPDR S&P Homebuilders ETF	32.51

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

### Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
FDN	First Trust Dow Jones Internet Index Fund	\$222M
IGF	iShares Global Infrastructure ETF	\$201M
AIQ	Global X Artificial Intelligence & Technology ETF	\$87M
ARKG	ARK Genomic Revolution ETF	\$65M
NANR	SPDR S&P North American Natural Resources ETF	\$61M

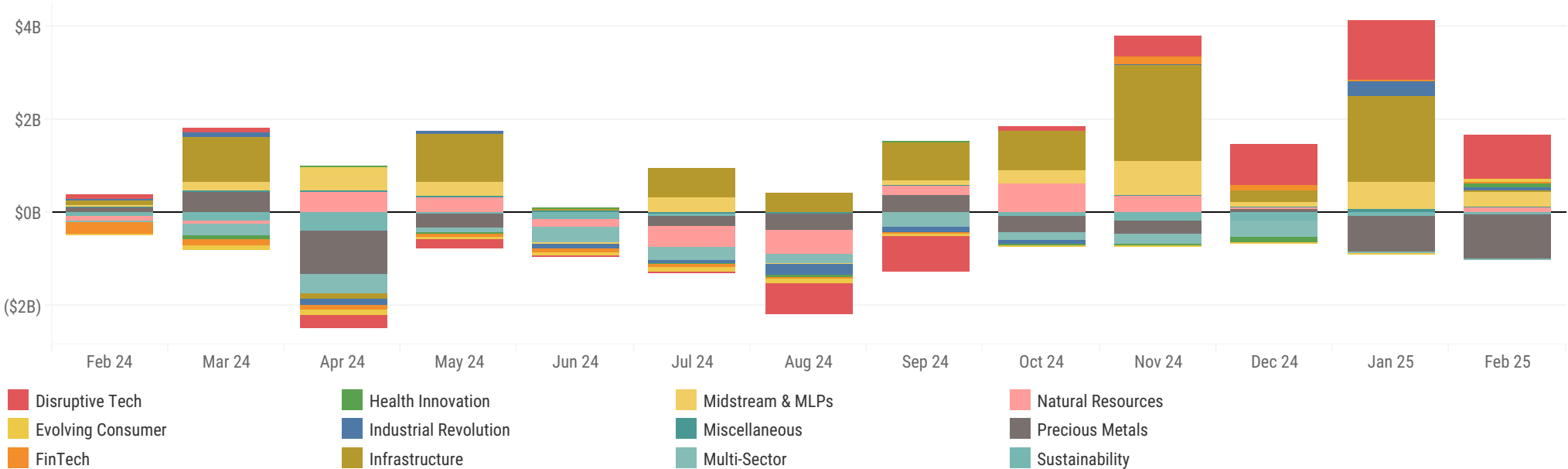
### Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
GDX	VanEck Gold Miners ETF	(\$231M)
PAVE	Global X U.S. Infrastructure Development ETF	(\$97M)
GDXJ	VanEck Junior Gold Miners ETF	(\$84M)
XME	SPDR S&P Metals & Mining ETF	(\$40M)
ICLN	iShares Global Clean Energy ETF	(\$24M)

### Thematic Landscape Assets & Flows

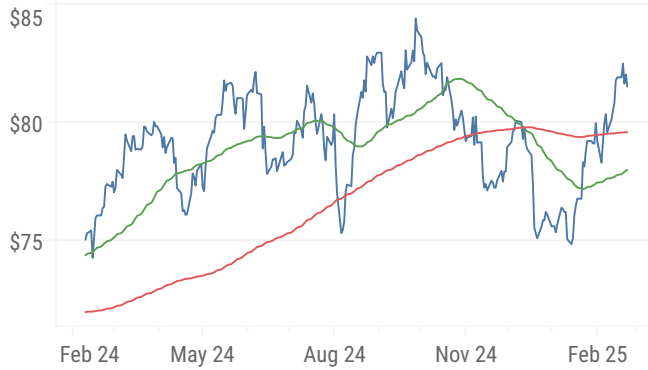
Segment	Funds	1 Week	3 Month	6 Month	1 Year	AUM
Disruptive Tech	56	\$478M	\$2,617M	\$2,728M	\$1,877M	\$38B
Evolving Consumer	35	\$10M	\$19M	(\$97M)	(\$569M)	\$2B
FinTech	20	\$8M	\$185M	\$256M	(\$535M)	\$4B
Health Innovation	27	\$65M	(\$41M)	(\$174M)	(\$271M)	\$2B
Industrial Revolution	28	\$50M	\$374M	\$168M	(\$142M)	\$9B
Infrastructure	37	\$246M	\$2,947M	\$6,183M	\$8,954M	\$34B
Midstream & MLPs	12	\$131M	\$1,216M	\$2,089M	\$3,337M	\$21B
Miscellaneous	4	\$2M	\$62M	\$61M	\$69M	\$0B
Multi-Sector	30	(\$11M)	(\$395M)	(\$1,172M)	(\$2,619M)	\$15B
Natural Resources	57	\$37M	\$282M	\$1,309M	\$858M	\$29B
Precious Metals	13	(\$295M)	(\$1,798M)	(\$1,916M)	(\$3,101M)	\$24B
Sustainability	32	(\$3M)	(\$348M)	(\$662M)	(\$1,702M)	\$5B
<b>Grand Total</b>	<b>351</b>	<b>\$716M</b>	<b>\$5,121M</b>	<b>\$8,773M</b>	<b>\$6,156M</b>	<b>\$183B</b>

### Thematic Monthly Flows



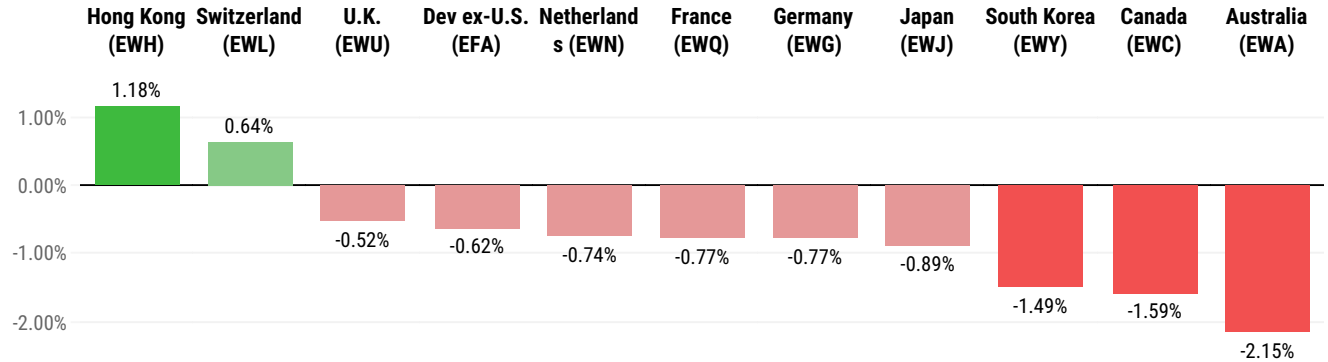
\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day

## Developed ex-U.S. (EFA)



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

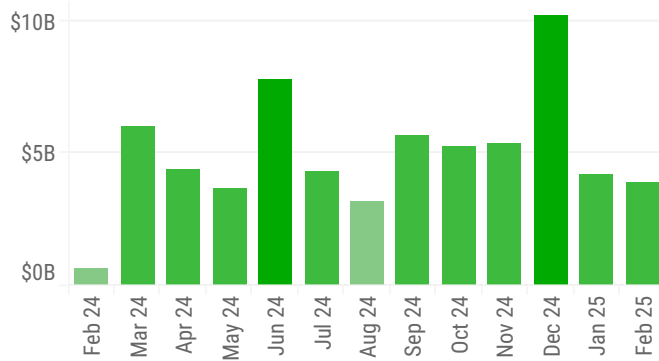
## Developed ex-U.S. 1-Day Performance Top 10 Countries



## Developed ex-U.S. 12-Month Rolling Flows



## Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWH	iShares MSCI Hong Kong ETF	1.18%
AIA	iShares Asia 50 ETF	0.98%
EWL	iShares MSCI Switzerland ETF	0.64%
FLSW	Franklin FTSE Switzerland ETF	0.59%
EDEN	iShares MSCI Denmark ETF	0.58%
EIRL	iShares MSCI Ireland ETF	0.53%
FSZ	First Trust Switzerland AlphaDEX Fund	0.43%
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	0.07%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	0.07%
OSEA	Harbor International Compounders ETF	-0.04%

## Developed ex-U.S. Most Overbought

Ticker	Fund	Value
AIA	iShares Asia 50 ETF	76.09
AAXJ	iShares MSCI All Country Asia ex Japan ETF	70.97
EWL	iShares MSCI Switzerland ETF	70.82
FDD	First Trust Stoxx European Select Dividend Index Fund	70.33
FLSW	Franklin FTSE Switzerland ETF	69.83
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	69.07
GMOI	GMO International Value ETF	68.17
EUFN	iShares MSCI Europe Financials ETF	67.69
EFAV	iShares MSCI EAFE Min Vol Factor ETF	67.62
ILOW	AB International Low Volatility Equity ETF	67.59

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

Ticker	Fund	1-Day Performance
IZRL	ARK Israel Innovative Technology ETF	-2.72%
FLAU	Franklin FTSE Australia ETF	-2.31%
ENZL	iShares MSCI New Zealand ETF	-2.26%
ITEQ	Amplify BlueStar Israel Technology ETF	-2.20%
EWA	iShares MSCI Australia ETF	-2.15%
FLCA	Franklin FTSE Canada ETF	-1.80%
BBCA	JPMorgan BetaBuilders Canada ETF	-1.69%
EIS	iShares MSCI Israel ETF	-1.59%
EWC	iShares MSCI Canada ETF	-1.59%
ISRA	VanEck Israel ETF	-1.51%

## Developed ex-U.S. Most Oversold

Ticker	Fund	Value
ENZL	iShares MSCI New Zealand ETF	37.72
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	38.43
FLJH	Franklin FTSE Japan Hedged ETF	39.69
DXJ	WisdomTree Japan Hedged Equity Fund	39.73
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	40.04
HEWJ	iShares Currency Hedged MSCI Japan ETF	41.00
FLAU	Franklin FTSE Australia ETF	41.81
ITEQ	Amplify BlueStar Israel Technology ETF	42.18
EWA	iShares MSCI Australia ETF	42.43
IZRL	ARK Israel Innovative Technology ETF	46.83

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

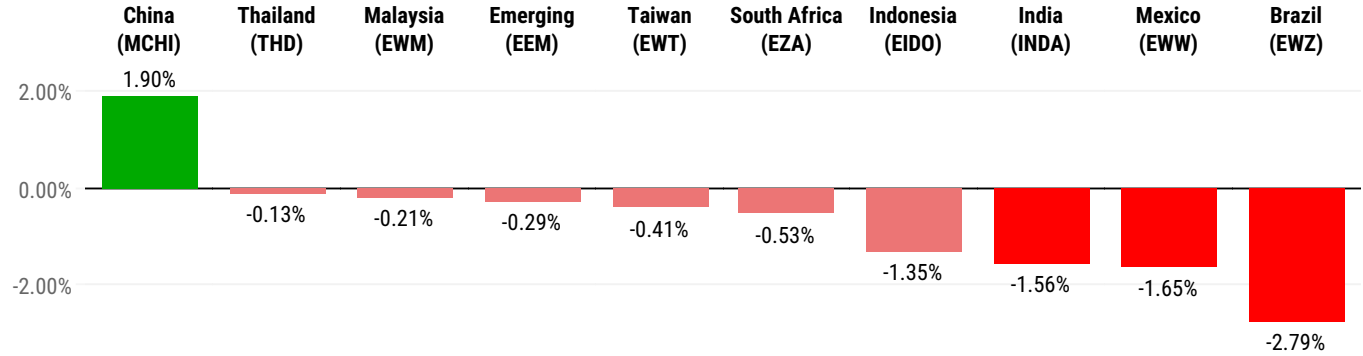


## Emerging (EEM)

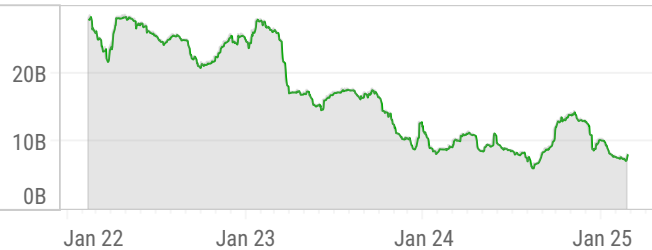


■ 200 Day Moving Average    ■ Closing Price  
■ 50 Day Moving Average

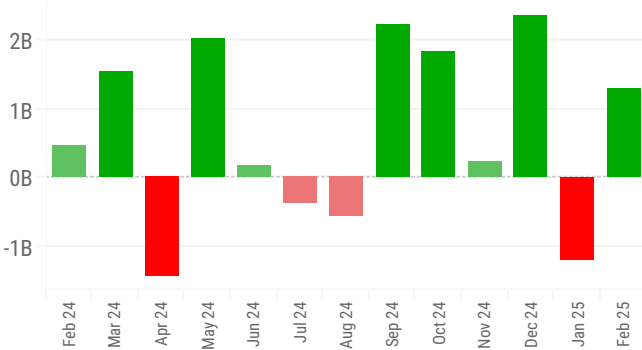
## Emerging 1-Day Performance Top 10 Countries



## Emerging 12-Month Rolling Flows



## Emerging Monthly Flows



## Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
KURE	KraneShares MSCI All China Health Care Index ETF	3.60%
KGRN	KraneShares MSCI China Clean Technology Index ETF	3.50%
KWEB	KraneShares CSI China Internet ETF	2.98%
CQQQ	Invesco China Technology ETF	2.96%
CHIQ	Global X MSCI China Consumer Discretionary ETF	2.32%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	2.09%
MCHI	iShares MSCI China ETF	1.90%
GXC	SPDR S&P China ETF	1.66%
PGJ	Invesco Golden Dragon China ETF	1.55%
FLCH	Franklin FTSE China ETF	1.54%

## Emerging Most Overbought

Ticker	Fund	Value
CQQQ	Invesco China Technology ETF	82.75
MCHI	iShares MSCI China ETF	79.40
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	79.27
FLCH	Franklin FTSE China ETF	78.86
GXC	SPDR S&P China ETF	78.37
ECNS	iShares MSCI China Small-Cap ETF	78.28
EFFE	Harbor Osmosis Emerging Markets Resource Efficie..	77.84
FXI	iShares China Large-Cap ETF	77.59
PXH	Invesco FTSE RAFI Emerging Markets ETF	76.47
BKF	iShares MSCI BIC ETF	75.96

## Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
TUR	iShares MSCI Turkey ETF	-3.22%
ILF	iShares Latin America 40 ETF	-2.90%
EWZ	iShares MSCI Brazil ETF	-2.79%
EPU	iShares MSCI Peru and Global Exposure ETF	-2.47%
SMIN	iShares MSCI India Small Cap ETF	-1.90%
INCO	Columbia India Consumer ETF	-1.83%
FLMX	Franklin FTSE Mexico ETF	-1.81%
INQQ	The India Internet ETF	-1.80%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	-1.73%
UAE	iShares MSCI UAE ETF	-1.70%

## Emerging Most Oversold

Ticker	Fund	Value
GLIN	VanEck India Growth Leaders ETF	28.01
INCO	Columbia India Consumer ETF	30.84
TUR	iShares MSCI Turkey ETF	31.50
PIN	Invesco India ETF	32.20
FLIN	Franklin FTSE India ETF	33.37
INDY	iShares India 50 ETF	34.32
SMIN	iShares MSCI India Small Cap ETF	35.00
INDA	iShares MSCI India ETF	35.25
EPI	WisdomTree India Earnings Fund	35.31
THD	iShares MSCI Thailand ETF	36.31

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

### Fixed Income (AGG)



### Commodities (DJP)



### Currencies (UUP)



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

### Fixed Income Performance

Ticker	Name	1 Day	1 Month	YTD
AGG	U.S. Aggregate	0.43%	1.14%	1.49%
SHY	1-3 Year Treasury Bonds	0.17%	0.49%	0.65%
IEF	7-10 Year Treasury Bonds	0.59%	1.35%	1.69%
TLT	20+ Year Treasury Bonds	1.21%	2.23%	2.97%
TIP	TIPS Bonds	0.20%	1.55%	2.22%
FLOT	Floating Rate Bonds	0.02%	0.48%	0.73%
LQD	Investment Grade Corporate	0.35%	1.16%	1.69%
HYG	High Yield Corporate	-0.19%	0.43%	1.73%
BKLN	Senior Loan	-0.14%	-0.05%	0.44%
PFF	Preferred & Income Securities	-0.06%	-0.95%	1.17%
MUB	Municipal Bonds	0.22%	0.92%	0.75%
MBB	MBS	0.53%	1.41%	1.67%
EMB	Dollar Denominated EM Bonds	0.03%	0.89%	2.50%
LEMB	Local Currency EM Bond	-0.19%	2.00%	3.05%

### Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.98%	4.01%	9.94%
DBE	Energy	-2.06%	-1.37%	5.07%
USO	WTI Crude Oil	-3.10%	-7.10%	-0.26%
BNO	Brent Crude Oil	-2.90%	-5.44%	1.60%
UNG	Natural Gas	1.66%	24.59%	31.41%
UGA	Gasoline	-2.31%	-3.31%	0.67%
DBP	Precious Metals	-0.32%	6.03%	11.05%
GLD	Gold	-0.09%	6.96%	11.82%
SLV	Silver	-1.20%	5.53%	12.38%
PPLT	Platinum	-1.04%	2.53%	6.79%
PALL	Palladium	-1.02%	1.31%	6.19%
DBB	Base Metals	-0.76%	1.45%	3.71%
CPER	Copper	-1.62%	5.03%	13.67%
DBA	Agriculture	-1.33%	2.34%	3.61%
CORN	Corn	-1.47%	1.90%	7.82%
SOYB	Soybeans	-0.31%	-0.85%	3.49%
WEAT	Wheat	0.58%	6.09%	8.51%
CANE	Sugar	0.69%	16.77%	10.89%

### Currencies Performance

Tick.	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.35%	-0.89%	-1.16%
UDN	Short Dollar	-0.26%	1.63%	2.48%
FXE	Euro	-0.39%	0.51%	1.24%
FXB	British Pound Sterling	-0.31%	2.62%	1.30%
FXF	Swiss Franc	0.08%	0.98%	1.12%
FXJ	Japanese Yen	0.39%	4.24%	5.60%
FXC	Canadian Dollar	-0.39%	0.88%	1.24%
FXA	Australian Dollar	-0.72%	1.49%	2.94%

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