

### 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 Performance

	1 Day	WTD	1 Month	3 Month	YTD	1 Year
Large Value (IVE)	0.07%	-0.04%	2.08%	8.77%	7.65%	7.24%
Large Cap (IVV)	0.36%	0.56%	1.91%	10.79%	11.47%	17.77%
Large Growth (IVW)	0.55%	1.13%	1.75%	12.50%	14.74%	26.18%
Mid Value (IJJ)	-0.19%	0.08%	2.57%	9.66%	5.50%	9.55%
Mid Cap (IJH)	0.12%	0.46%	1.99%	9.29%	5.76%	8.45%
Mid Growth (IJK)	0.60%	0.84%	1.64%	9.07%	5.86%	7.09%
Small Value (IJS)	-0.32%	-0.02%	5.74%	14.95%	1.81%	5.09%
Small Cap (IJR)	-0.19%	0.03%	5.08%	12.92%	3.56%	4.91%
Small Growth (IJT)	-0.14%	-0.06%	4.34%	10.79%	5.15%	4.12%

### U.S. Size & Style Technicals

	RSI (14D)	% From 52W High	% From 52W Low	% Abv/Below 50 SMA	% Abv/Below 200 SMA	% Abv/Below 50 Day Breadth	% Abv/Below 200 Day Breadth
Large Growth (IVW)	63.04	0.00%	40.10%	3.43%	12.64%	58.22%	68.54%
Large Cap (IVV)	65.19	0.00%	30.74%	3.14%	9.29%	63.62%	65.41%
Large Value (IVE)	64.9	-1.14%	21.08%	2.78%	5.59%	65.49%	65.24%
Mid Cap (IJH)	63.66	-3.48%	28.05%	3.46%	6.05%	69.33%	62.34%
Mid Value (IJJ)	63.82	-3.49%	25.90%	3.58%	5.66%	71.86%	63.73%
Mid Growth (IJK)	62.89	-3.52%	30.20%	3.46%	6.47%	67.08%	60.49%
Small Growth (IJT)	63.77	-5.91%	30.19%	4.47%	6.58%	72.43%	59.82%
Small Cap (IJR)	65.77	-6.95%	30.89%	5.39%	6.66%	73.59%	58.31%
Small Value (IJS)	66.12	-7.08%	31.30%	6.20%	6.73%	75.82%	58.17%

### Size & Style 1-Day Performance Leaders

Ticker	Fund	
IPO	Renaissance IPO ETF	2.36%
FRTY	Alger Mid Cap 40 ETF	2.17%
FPX	First Trust US Equity Opportunities ETF	1.95%
FFTY	Innovator IBD 50 ETF	1.65%
FCTR	First Trust Lunt U.S. Factor Rotation ETF	1.52%
LGRO	Level Four Large Cap Growth Active ETF	1.46%
ABFL	Abacus FCF Leaders ETF	1.41%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	1.32%
GFLW	VictoryShares Free Cash Flow Growth ETF	1.25%
OPTZ	Optimize Strategy Index ETF	1.16%

### Size & Style 1-Day Performance Laggards

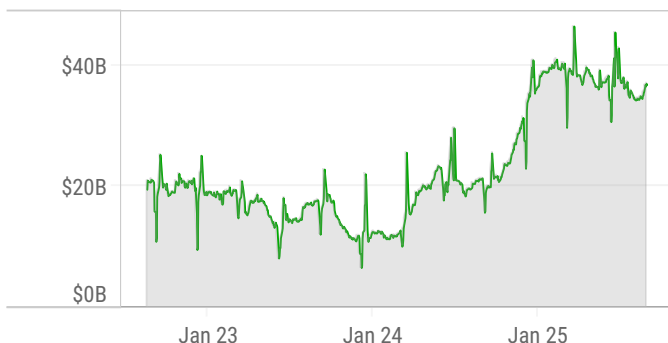
Ticker	Fund	
CSD	Invesco S&P Spin-Off ETF	-3.52%
VSDA	VictoryShares Dividend Accelerator ETF	-0.97%
NOBL	ProShares S&P 500 Dividend Aristocrats ETF	-0.77%
QVAL	Alpha Architect US Quantitative Value ETF	-0.75%
FDIV	MarketDesk Focused U.S. Dividend ETF	-0.74%
PEY	Invesco High Yield Equity Dividend Achievers ETF	-0.73%
SPLV	Invesco S&P 500 Low Volatility ETF	-0.72%
REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	-0.70%
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	-0.65%
CDL	VictoryShares US Large Cap High Dividend Volatility W..	-0.65%

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

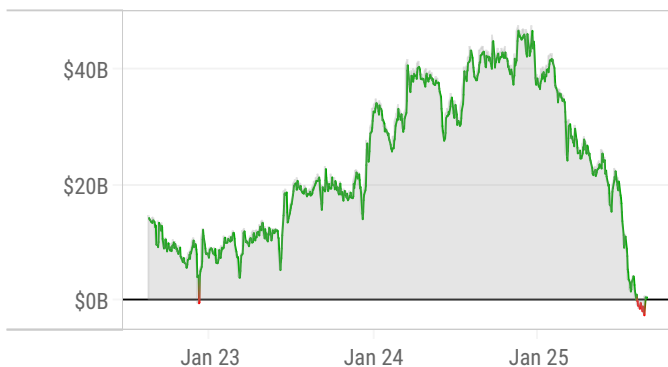
### Large-Cap 12-Month Rolling Flows



### Mid-Cap 12-Month Rolling Flows



### Small-Cap 12-Month Rolling Flows



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

	Funds	AUM	1 Week	1 Month	3 Month	YTD	1 Year
U.S. Large Cap - Blend	329	\$3,663.30B	\$5.87B	\$29.88B	\$76.02B	\$169.20B	\$357.65B
U.S. Large Cap - Growth	149	\$1,129.51B	(\$0.87B)	\$11.03B	\$25.15B	\$72.08B	\$113.76B
U.S. Large Cap - Value	187	\$836.74B	\$1.97B	\$5.25B	\$7.24B	\$33.57B	\$67.37B
U.S. Mid Cap - Blend	65	\$352.06B	\$0.55B	\$1.62B	\$4.57B	\$15.55B	\$30.00B
U.S. Mid Cap - Growth	23	\$57.80B	\$0.01B	\$0.09B	\$0.84B	\$0.47B	\$2.09B
U.S. Mid Cap - Value	21	\$74.49B	\$0.18B	\$0.84B	\$0.65B	\$1.15B	\$4.19B
U.S. Small Cap - Blend	58	\$307.59B	\$1.46B	(\$1.20B)	(\$6.42B)	(\$10.99B)	\$0.75B
U.S. Small Cap - Growth	17	\$48.45B	(\$0.08B)	(\$0.20B)	(\$0.38B)	(\$2.23B)	(\$0.28B)
U.S. Small Cap - Value	33	\$94.68B	(\$0.02B)	\$0.14B	(\$0.79B)	(\$3.83B)	(\$0.28B)
Grand Total	882	\$6,564.63B	\$9.06B	\$47.43B	\$106.89B	\$274.96B	\$575.25B

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

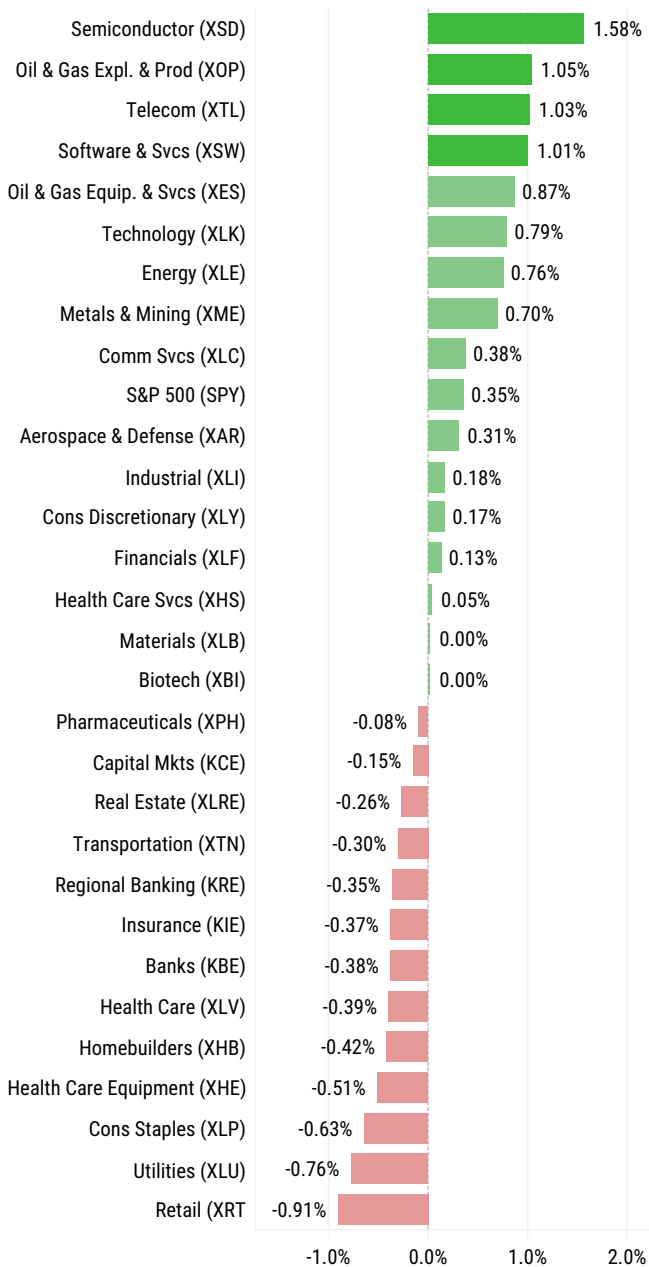
Ticker	Fund	1 Week	1 Month	3 Month	YTD	1 Year	AUM
VOO	Vanguard S&P 500 ETF	\$1.71B	\$13.01B	\$18.04B	\$83.60B	\$139.53B	\$738.40B
IWM	iShares Russell 2000 ETF	\$1.07B	(\$1.28B)	(\$4.30B)	(\$8.42B)	(\$6.52B)	\$67.21B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.82B	\$2.98B	\$9.49B	\$22.58B	\$30.09B	\$83.77B
VUG	Vanguard Growth ETF	\$0.62B	\$1.77B	\$3.96B	\$11.05B	\$17.08B	\$187.35B
QQQM	Invesco NASDAQ 100 ETF	\$0.60B	\$2.47B	\$5.95B	\$13.86B	\$18.69B	\$58.99B
DSPY	Tema S&P 500 Historical Weight ETF..	\$0.59B	\$0.59B	\$0.60B	\$0.60B	\$0.60B	\$0.61B
IWB	iShares Russell 1000 ETF	\$0.58B	\$0.31B	(\$0.15B)	(\$1.03B)	(\$0.46B)	\$43.31B
DIA	SPDR Dow Jones Industrial Average ..	\$0.55B	\$1.00B	(\$1.46B)	(\$0.24B)	\$1.09B	\$39.90B
SCHG	Schwab U.S. Large-Cap Growth ETF	\$0.54B	\$1.15B	\$2.21B	\$6.39B	\$8.73B	\$48.14B
IVV	iShares Core S&P 500 ETF	\$0.52B	\$10.87B	\$23.57B	\$17.98B	\$60.66B	\$663.44B

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

Ticker	Fund	1 Week	1 Month	3 Month	YTD	1 Year	AUM
QQQ	Invesco QQQ Trust Series I	(\$5.09B)	(\$0.45B)	(\$1.33B)	\$6.98B	\$16.46B	\$365.98B
SPY	SPDR S&P 500 ETF Trust	(\$1.31B)	(\$7.23B)	\$0.28B	(\$27.48B)	\$8.37B	\$659.49B
COWZ	Pacer US Cash Cows 100 ETF	(\$0.16B)	(\$0.88B)	(\$2.68B)	(\$5.27B)	(\$4.75B)	\$19.97B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.08B)	(\$0.40B)	(\$0.82B)	(\$0.59B)	(\$2.72B)	\$23.39B
VTWO	Vanguard Russell 2000 ETF	(\$0.07B)	(\$0.22B)	(\$1.25B)	(\$0.80B)	\$1.34B	\$12.39B
GVIP	Goldman Sachs Hedge Industry VIP E..	(\$0.06B)	\$0.00B	\$0.01B	\$0.01B	\$0.02B	\$0.37B
VLUE	iShares MSCI USA Value Factor ETF	(\$0.05B)	\$0.08B	\$0.02B	(\$0.58B)	(\$0.63B)	\$7.10B
APUE	ActivePassive U.S. Equity ETF	(\$0.05B)	\$0.02B	\$0.08B	\$0.17B	\$0.08B	\$2.03B
ESGU	iShares ESG Aware MSCI USA ETF	(\$0.05B)	(\$0.07B)	(\$0.33B)	(\$0.21B)	(\$0.54B)	\$14.24B
VONV	Vanguard Russell 1000 Value ETF	(\$0.05B)	\$0.14B	\$0.59B	\$2.57B	\$3.24B	\$13.47B

\*ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows data may be delayed based on when received from vendor. Refer to website for most up-to-date data available.

### S&P Sector & Industry 1 Day Performance



### U.S. Sector Performance

	1 Day	WTD	1 Month	3 Month	YTD	1 Year
S&P 500 (SPY)	0.35%	0.56%	1.88%	10.74%	11.38%	17.68%
Communication Services (XLC)	0.38%	0.27%	4.27%	9.90%	15.90%	29.81%
Consumer Discretionary (XLY)	0.17%	0.45%	3.52%	9.20%	4.86%	28.28%
Consumer Staples (XLP)	-0.63%	-2.68%	-0.50%	-1.19%	3.33%	0.02%
Energy (XLE)	0.76%	2.00%	2.05%	11.02%	6.64%	3.45%
Financial (XLF)	0.13%	0.52%	1.47%	6.80%	12.20%	21.70%
Health Care (XLV)	-0.39%	-1.26%	0.84%	4.26%	0.03%	-10.94%
Industrials (XLI)	0.18%	0.18%	-0.71%	7.91%	17.14%	20.49%
Materials (XLB)	0.00%	-0.03%	1.23%	7.68%	10.59%	1.29%
Real Estate (XLRE)	-0.26%	-0.61%	0.07%	2.77%	5.05%	0.42%
Technology (XLK)	0.79%	1.57%	0.93%	15.45%	15.02%	22.30%
Utilities (XLU)	-0.76%	-1.64%	1.21%	5.81%	13.38%	15.66%

### U.S. Sector Technicals

	RSI (14D)	% From 52W High	% From 52W Low	% Abv/Below 50 SMA	% Abv/Below 200 SMA	% Abv/Below 50 Day Breadth	% Abv/Below 200 Day Breadth
S&P 500 (SPY)	64.99	0.00%	30.70%	3.12%	9.25%	63.62%	65.41%
Communication Services (XLC)	63.93	0.00%	32.15%	3.39%	10.39%	79.17%	83.33%
Financial (XLF)	63.27	0.00%	22.61%	2.67%	6.88%	73.33%	72.00%
Technology (XLK)	59.37	-0.66%	48.30%	2.83%	13.85%	64.71%	67.65%
Industrials (XLI)	59.28	-1.01%	31.78%	2.05%	10.05%	58.97%	73.08%
Consumer Discretionary (XLY)	67.09	-2.21%	32.78%	5.00%	8.27%	82.35%	78.43%
Utilities (XLU)	46.22	-3.08%	15.79%	0.83%	5.75%	64.52%	83.87%
Consumer Staples (XLP)	39.48	-4.75%	5.29%	-1.34%	-0.64%	35.14%	37.84%
Materials (XLB)	61.40	-5.61%	24.07%	2.50%	5.34%	57.69%	61.54%
Real Estate (XLRE)	54.35	-7.23%	13.48%	0.81%	1.10%	54.84%	38.71%
Energy (XLE)	69.08	-7.58%	17.61%	3.87%	3.23%	63.64%	59.09%
Health Care (XLV)	55.65	-13.23%	5.95%	1.63%	-1.88%	58.33%	51.67%

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
FCG	First Trust Natural Gas ETF	1.30%
PXE	Invesco Energy Exploration & Production ETF	1.25%
FXN	First Trust Energy AlphaDEX Fund	1.22%
IEZ	iShares U.S. Oil Equipment & Services ETF	1.10%
RSPG	Invesco S&P 500 Equal Weight Energy ETF	1.08%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	1.05%
IEO	iShares U.S. Oil & Gas Exploration & Production E..	1.03%
FTXN	First Trust Nasdaq Oil & Gas ETF	0.98%
PSCE	Invesco S&P SmallCap Energy ETF	0.92%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	0.87%

### Sector & Industry 1 Day Performance Laggards

Ticker	Fund	1 Day Performance
FXG	First Trust Consumer Staples AlphaDEX Fund	-1.24%
RSPS	Invesco S&P 500 Equal Weight Consumer Staples ETF	-1.01%
XRT	SPDR S&P Retail ETF	-0.91%
IDU	iShares U.S. Utilities ETF	-0.77%
FXU	First Trust Utilities AlphaDEX Fund	-0.76%
XLU	Utilities Select Sector SPDR Fund	-0.76%
RSPU	Invesco S&P 500 Equal Weight Utilities ETF	-0.76%
FUTY	Fidelity MSCI Utilities Index ETF	-0.71%
VPU	Vanguard Utilities ETF	-0.69%
RSPH	Invesco S&P 500 Equal Weight Health Care ETF	-0.65%

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### U.S. Sector & Industry 1-Week Flows



### U.S. Sector Landscape Flows

	Funds	AUM	1 Week	1 Month	3 Month	YTD	1 Year
Communication Services	6	\$32.28B	\$0.01B	\$0.14B	\$1.22B	\$2.25B	\$2.12B
Consumer Discretionary	13	\$34.53B	\$0.31B	(\$0.08B)	\$0.24B	(\$2.06B)	(\$1.12B)
Consumer Staples	12	\$26.78B	(\$0.58B)	(\$0.40B)	(\$0.44B)	(\$0.52B)	(\$0.64B)
Energy	21	\$42.00B	\$0.04B	(\$0.80B)	(\$1.74B)	(\$8.79B)	(\$11.86B)
Financials	28	\$94.93B	\$1.44B	\$0.08B	\$1.79B	(\$0.47B)	\$5.41B
Health Care	24	\$74.58B	\$0.12B	(\$0.85B)	(\$3.40B)	(\$7.20B)	(\$11.01B)
Industrial	18	\$56.73B	\$0.22B	\$0.73B	\$2.72B	\$1.06B	\$2.71B
Materials	9	\$9.84B	\$0.16B	(\$0.06B)	\$0.48B	(\$0.76B)	(\$0.41B)
Real Estate	33	\$66.72B	(\$0.11B)	(\$0.17B)	\$0.61B	(\$0.24B)	\$0.57B
Technology	25	\$270.49B	\$0.06B	\$1.79B	\$4.41B	\$5.43B	\$8.48B
Utilities	10	\$35.34B	(\$0.15B)	\$0.60B	\$2.22B	\$4.75B	\$4.64B
Grand Total	199	\$744.22B	\$1.53B	\$0.99B	\$8.11B	(\$6.55B)	(\$1.11B)

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

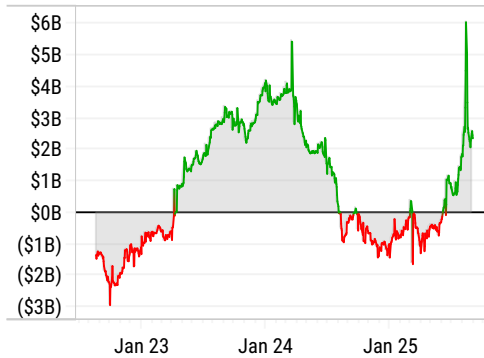
Ticker	Fund	1 Week	1 Month	3 Month	YTD	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	\$0.94B	\$0.14B	\$1.04B	\$0.53B	\$0.70B	\$53.87B
KRE	SPDR S&P Regional Banking ETF	\$0.42B	\$0.25B	\$0.27B	(\$1.31B)	\$0.48B	\$4.00B
XLV	Health Care Select Sector SPDR Fund	\$0.37B	(\$0.40B)	(\$1.83B)	(\$2.37B)	(\$3.03B)	\$33.78B
VGT	Vanguard Information Technology ETF	\$0.23B	\$1.02B	\$2.14B	\$4.98B	\$7.90B	\$101.06B
XLY	Consumer Discretionary Select Secto..	\$0.23B	(\$0.07B)	(\$0.01B)	(\$0.37B)	\$0.04B	\$23.44B
XLB	Materials Select Sector SPDR Fund	\$0.21B	\$0.02B	\$0.38B	(\$0.38B)	\$0.10B	\$5.53B
KBWB	Invesco KBW Bank ETF	\$0.15B	(\$0.02B)	\$0.47B	\$1.52B	\$2.36B	\$4.90B
XLI	Industrial Select Sector SPDR Fund	\$0.12B	\$0.31B	\$0.89B	(\$0.25B)	\$0.77B	\$23.48B
ITA	iShares U.S. Aerospace & Defense ETF	\$0.12B	\$0.24B	\$0.92B	\$0.87B	\$0.47B	\$9.35B
XLE	Energy Select Sector SPDR Fund	\$0.10B	(\$0.63B)	(\$1.43B)	(\$7.24B)	(\$9.04B)	\$27.30B

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

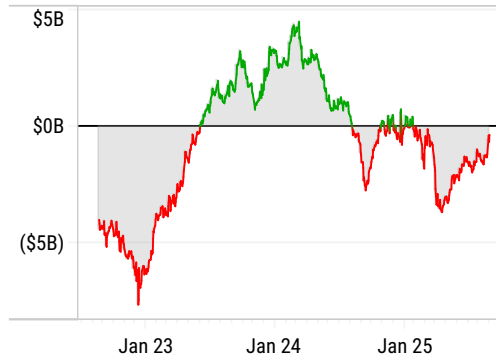
Ticker	Fund	1 Week	1 Month	3 Month	YTD	1 Year	AUM
XLP	Consumer Staples Select Sector SPD..	(\$0.58B)	(\$0.24B)	(\$0.24B)	(\$0.80B)	(\$0.81B)	\$15.79B
XLU	Utilities Select Sector SPDR Fund	(\$0.16B)	\$0.14B	\$1.59B	\$2.59B	\$1.86B	\$21.17B
XLK	Technology Select Sector SPDR Fund	(\$0.13B)	\$0.32B	\$1.99B	\$1.84B	\$1.30B	\$84.54B
SOXX	iShares Semiconductor ETF	(\$0.13B)	(\$0.12B)	(\$0.26B)	(\$1.96B)	(\$2.52B)	\$13.93B
XBI	SPDR S&P BIOTECH ETF	(\$0.08B)	\$0.13B	(\$0.13B)	(\$1.21B)	(\$2.04B)	\$5.10B
IYH	iShares U.S. Healthcare ETF	(\$0.08B)	(\$0.07B)	(\$0.12B)	(\$0.28B)	(\$0.36B)	\$2.75B
VHT	Vanguard Health Care ETF	(\$0.07B)	(\$0.40B)	(\$0.51B)	(\$1.23B)	(\$1.63B)	\$15.20B
IYR	iShares U.S. Real Estate ETF	(\$0.06B)	(\$0.09B)	\$0.19B	(\$0.60B)	(\$0.62B)	\$3.75B
VNQ	Vanguard Real Estate ETF	(\$0.05B)	(\$0.22B)	(\$0.09B)	(\$0.93B)	(\$1.38B)	\$34.45B
VIS	Vanguard Industrials ETF	(\$0.05B)	\$0.10B	\$0.26B	(\$0.13B)	(\$0.06B)	\$6.25B

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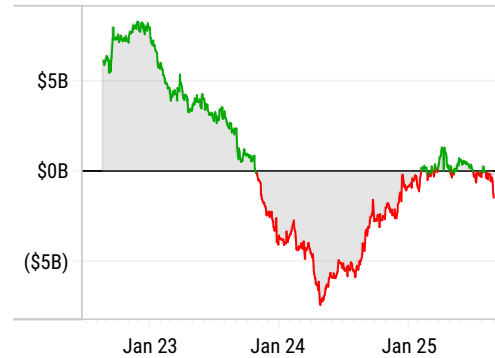
## Communication Services



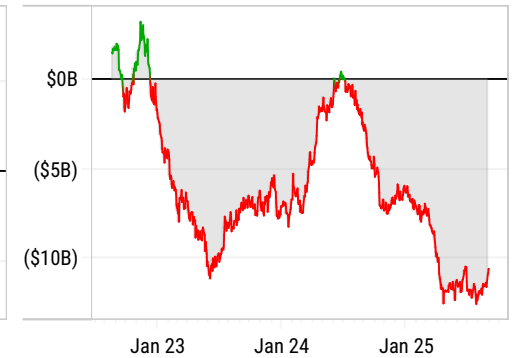
## Consumer Discretionary



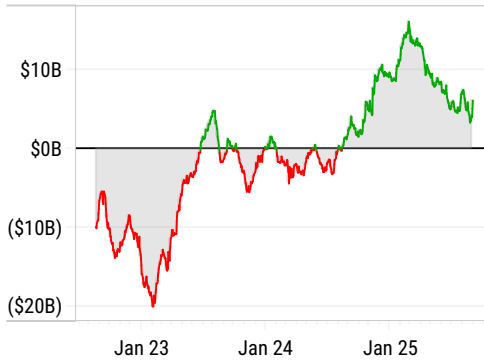
## Consumer Staples



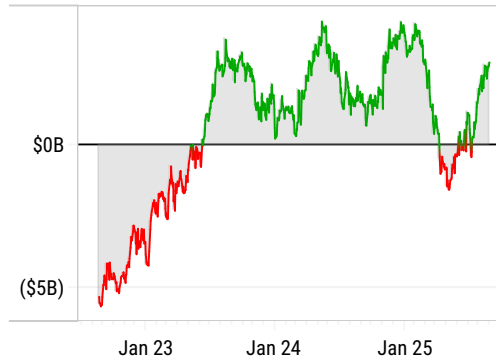
## Energy



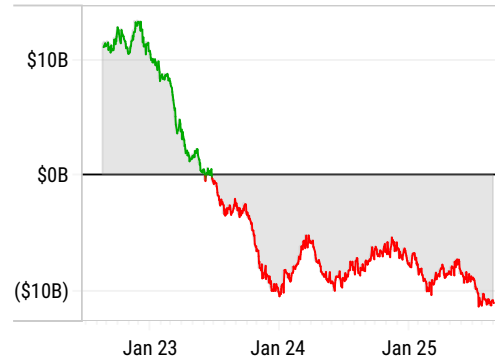
## Financials



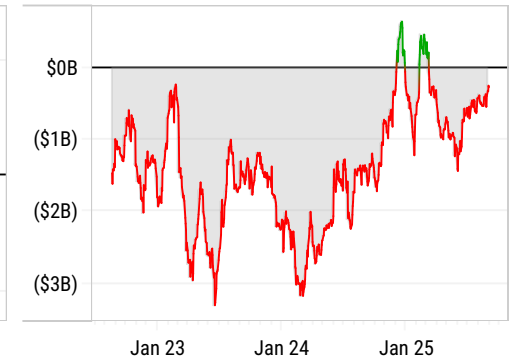
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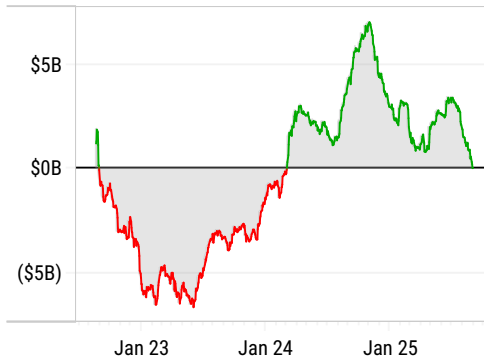
## Health Care



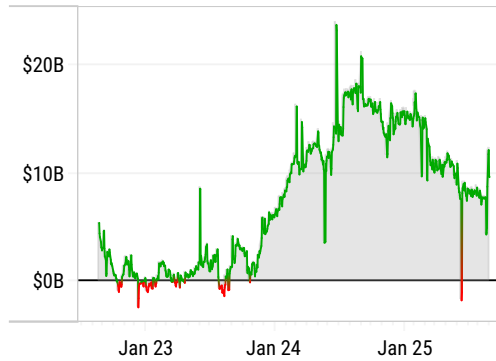
## Materials



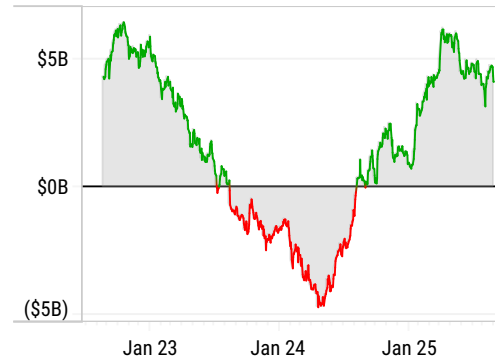
## Real Estate



## Technology

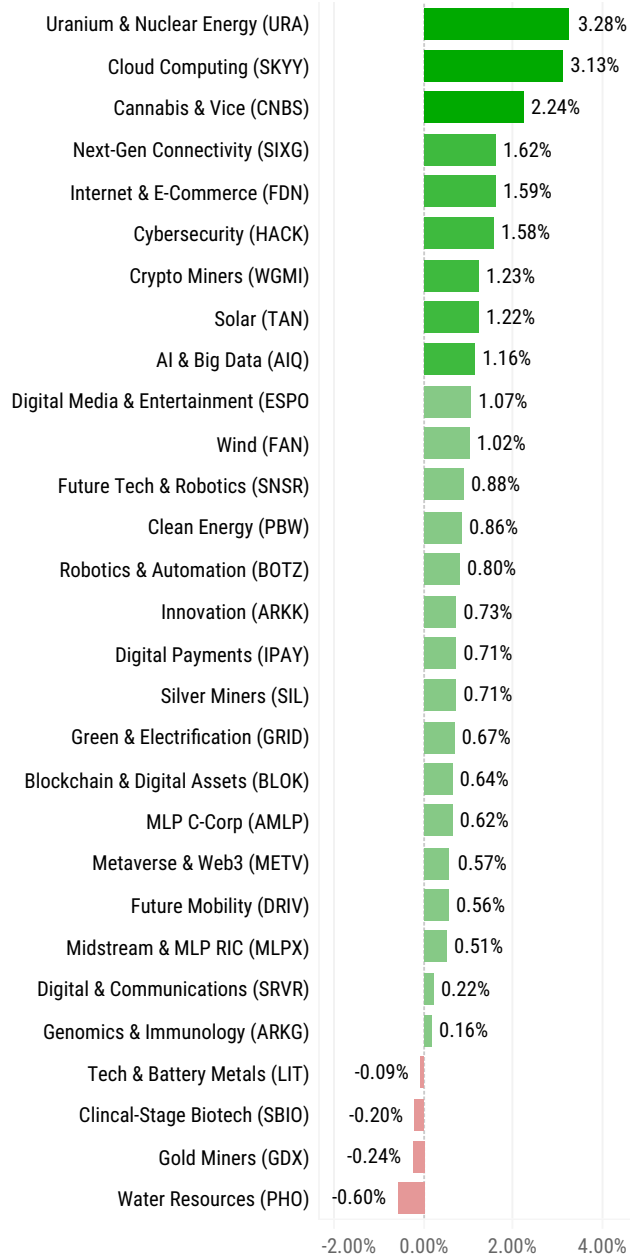


## Utilities

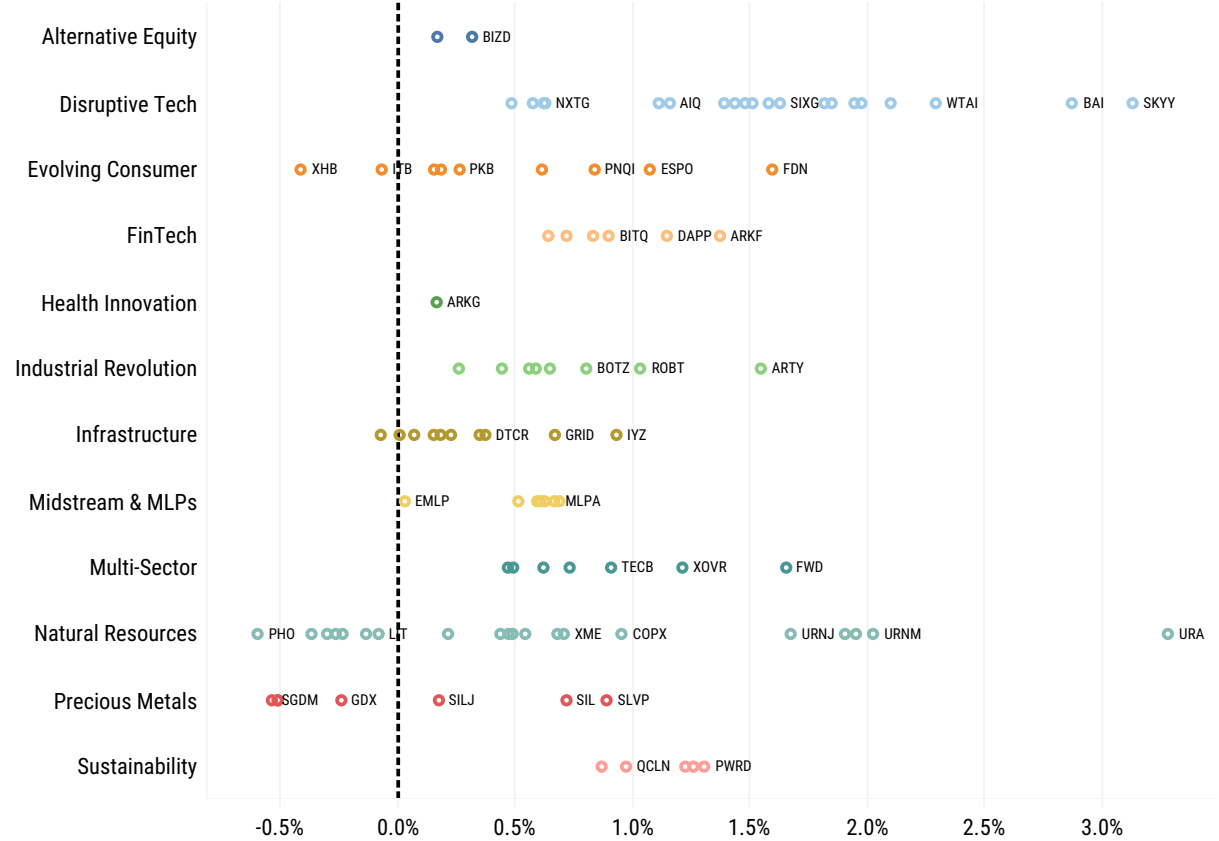


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## Global Thematic Segment 1-Day Performance



## Global Thematic 1-Day Performance Landscape



## Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
MJ	Amplify Alternative Harvest ETF	4.56%
SPRX	Spear Alpha ETF	3.62%
LOUP	Innovator Deepwater Frontier Tech ETF	3.50%
URA	Global X Uranium ETF	3.28%
FCLD	Fidelity Cloud Computing ETF	3.27%
SKYY	First Trust Cloud Computing ETF	3.13%
BAI	iShares A.I. Innovation and Tech Active ETF	2.87%
AGIX	KraneShares Artificial Intelligence & Technology ETF	2.69%
GTEK	Goldman Sachs Future Tech Leaders Equity ETF	2.66%
WCBR	WisdomTree Cybersecurity Fund	2.42%

## Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
GOAU	U.S. Global GO GOLD and Precious Metal Miners ETF	-1.41%
SGDJ	Sprott Junior Gold Miners ETF	-0.91%
GBUG	Sprott Active Gold & Silver Miners ETF	-0.74%
EVX	VanEck Environmental Services ETF	-0.62%
SETM	Sprott Critical Materials ETF	-0.61%
PHO	Invesco Water Resources ETF	-0.60%
SGDM	Sprott Gold Miners ETF	-0.54%
GDXJ	VanEck Junior Gold Miners ETF	-0.52%
RING	iShares MSCI Global Gold Miners ETF	-0.51%
BKGI	BNY Mellon Global Infrastructure Income ETF	-0.45%

\* 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
GDX	VanEck Gold Miners ETF	\$390M
AIRR	First Trust RBA American Industrial Renaissance ETF	\$168M
ITB	iShares U.S. Home Construction ETF	\$157M
IGF	iShares Global Infrastructure ETF	\$134M
XHB	SPDR S&P Homebuilders ETF	\$95M

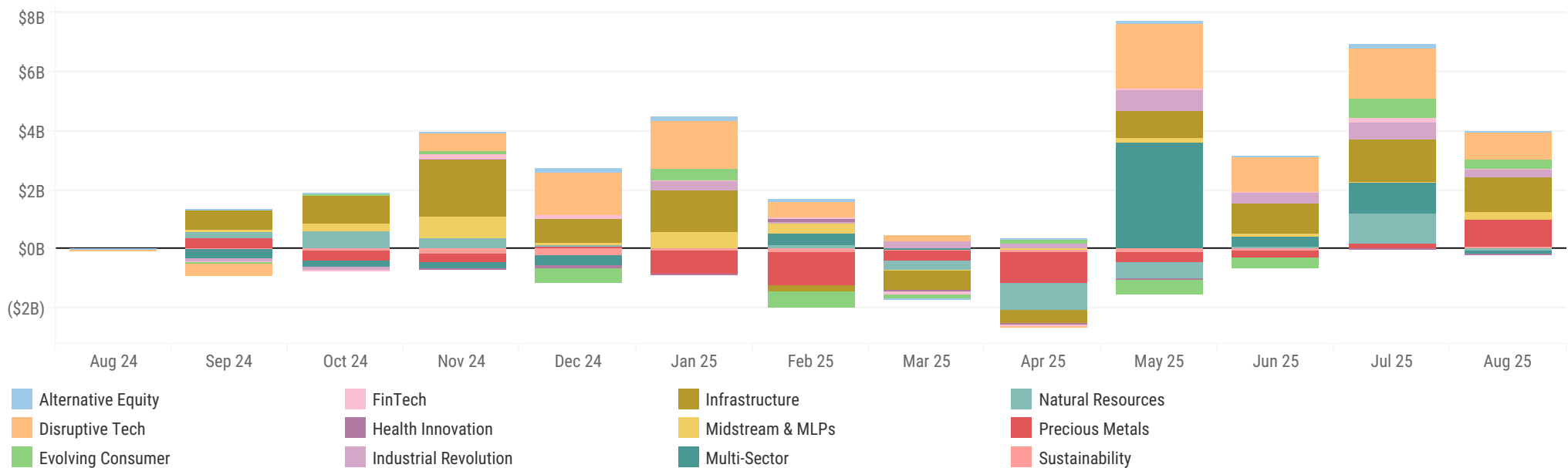
## Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
FDN	First Trust Dow Jones Internet Index Fund	(\$109M)
BAI	iShares A.I. Innovation and Tech Active ETF	(\$102M)
ARKW	ARK Next Generation Internet ETF	(\$69M)
GUNR	FlexShares Morningstar Global Upstream Natural Resources Index Fu..	(\$59M)
HACK	Amplify Cybersecurity ETF	(\$21M)

## Thematic Landscape Flows

	Funds	AUM	1 Week	1 Month	3 Month	YTD	1 Year
Alternative Equity	8	\$2.39B	\$9M	\$0.07B	\$0.24B	\$0.55B	\$0.79B
Disruptive Tech	58	\$40.22B	\$79M	\$1.32B	\$3.99B	\$8.35B	\$10.00B
Evolving Consumer	47	\$17.64B	\$183M	\$0.33B	\$0.82B	\$0.01B	(\$0.42B)
FinTech	24	\$5.03B	(\$23M)	\$0.04B	\$0.24B	\$0.14B	\$0.34B
Health Innovation	25	\$1.88B	\$9M	(\$0.03B)	(\$0.03B)	(\$0.07B)	(\$0.26B)
Industrial Revolution	32	\$12.31B	(\$7M)	\$0.36B	\$1.58B	\$2.70B	\$2.52B
Infrastructure	37	\$35.08B	\$409M	\$1.35B	\$3.62B	\$4.64B	\$8.99B
Midstream & MLPs	16	\$21.43B	(\$8M)	\$0.30B	\$0.38B	\$1.38B	\$2.47B
Multi-Sector	39	\$23.13B	\$147M	\$0.87B	\$1.40B	\$5.38B	\$4.26B
Natural Resources	53	\$33.28B	\$62M	\$0.17B	\$0.98B	(\$0.67B)	\$0.59B
Precious Metals	14	\$32.84B	\$568M	\$0.94B	\$0.76B	(\$2.80B)	(\$2.97B)
Sustainability	29	\$5.03B	\$11M	\$0.06B	\$0.03B	(\$0.51B)	(\$1.01B)
Grand Total	382	\$230.25B	\$1,440M	\$5.78B	\$14.02B	\$19.09B	\$25.31B

## Thematic Monthly Flows



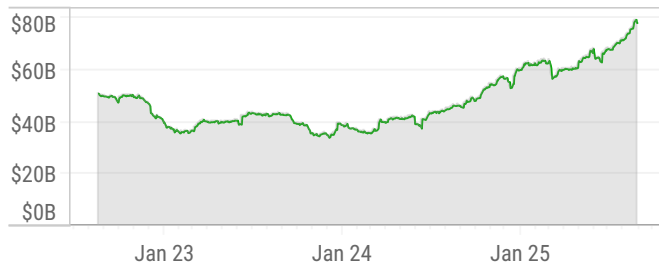
\*ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows data may be delayed based on when received from vendor. Refer to website for most up-to-date data available.

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

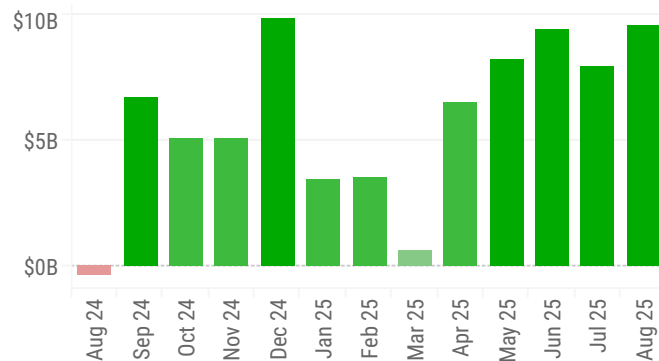


■ 200 Day Moving Average
 ■ Closing Price
 ■ 50 Day Moving Average

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



### Developed ex-U.S. Monthly Flows



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

	1 Day	WTD	1 Month	3 Month	YTD	1 Year
Dev ex-U.S. (EFA)	0.37%	-1.30%	3.06%	6.02%	23.80%	14.96%
Australia (EWA)	0.33%	-0.62%	3.32%	7.60%	15.27%	8.43%
Canada (EWC)	0.19%	0.90%	3.72%	8.99%	21.05%	23.44%
France (EWQ)	0.80%	-2.90%	0.23%	3.30%	22.27%	11.11%
Germany (EWG)	0.31%	-1.50%	0.84%	2.26%	34.24%	31.59%
Hong Kong (EWH)	0.42%	-0.84%	1.09%	15.59%	30.58%	39.02%
Japan (EWJ)	0.84%	-0.91%	6.76%	8.59%	19.12%	13.67%
Netherlands (EWN)	-0.17%	-1.27%	1.12%	3.09%	21.86%	8.61%
South Korea (EWY)	1.61%	0.18%	1.28%	21.22%	44.70%	15.13%
Switzerland (EWL)	0.16%	-0.56%	2.16%	3.23%	22.68%	6.97%
U.K. (EWU)	-0.22%	-1.21%	3.61%	6.93%	25.14%	15.87%

### Developed ex-U.S. Technicals

	RSI (14D)	% From 52W High	% From 52W Low	% Abv/Below 50..	% Abv/Below 20..	% Abv/Below 50 ..	% Abv/Below 20..
Canada (EWC)	65.64	0.00%	30.37%	3.68%	12.40%	66.27%	78.31%
Australia (EWA)	59.07	-0.62%	30.12%	2.37%	7.86%	59.57%	78.72%
U.K. (EWU)	60.85	-1.21%	25.25%	2.95%	10.39%	60.27%	67.12%
Hong Kong (EWH)	58.03	-1.21%	40.13%	3.49%	16.85%	59.26%	85.19%
Japan (EWJ)	60.15	-1.26%	29.31%	5.13%	11.68%	77.09%	77.09%
Developed ex-U.S. (EFA)	58.14	-1.30%	26.12%	2.53%	9.91%	62.19%	68.69%
South Korea (EWY)	55.61	-1.45%	50.53%	1.50%	21.65%	47.62%	80.95%
Switzerland (EWL)	57.19	-1.67%	20.99%	1.68%	6.87%	60.47%	62.79%
Netherlands (EWN)	53.67	-2.25%	27.75%	0.26%	8.49%	50.00%	51.85%
Germany (EWG)	48.38	-2.87%	34.51%	-0.16%	10.67%	46.30%	53.70%
France (EWQ)	48.77	-3.38%	21.36%	0.05%	6.54%	35.09%	56.14%

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

Ticker	Fund	
EWY	iShares MSCI South Korea ETF	1.61%
FLKR	Franklin FTSE South Korea ETF	1.42%
MKOR	Matthews Korea Active ETF	1.20%
ITEQ	Amplify BlueStar Israel Technology ETF	1.14%
FJP	First Trust Japan AlphaDEX Fund	0.92%
OPPJ	WisdomTree Japan Opportunities Fund	0.92%
BBJP	JPMorgan BetaBuilders Japan ETF	0.89%
EWJV	iShares MSCI Japan Value ETF	0.89%
EWJ	iShares MSCI Japan ETF	0.84%
FLJP	Franklin FTSE Japan ETF	0.83%

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

Ticker	Fund	
GREK	Global X MSCI Greece ETF	-0.85%
ILOW	AB International Low Volatility Equity ETF	-0.36%
FDD	First Trust Stoxx European Select Dividend Index Fund	-0.31%
OPPE	WisdomTree European Opportunities Fund	-0.22%
EWU	iShares MSCI United Kingdom ETF	-0.22%
FLGB	Franklin FTSE United Kingdom ETF	-0.19%
EWN	iShares MSCI Netherlands ETF	-0.17%
FKU	First Trust United Kingdom AlphaDEX Fund	-0.10%
FYLD	Cambria Foreign Shareholder Yield ETF	-0.06%
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	-0.06%

\*ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows data may be delayed based on when received from vendor. Refer to website for most up-to-date data available.

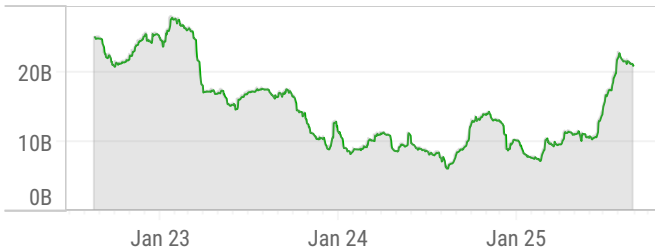


## Emerging (EEM)

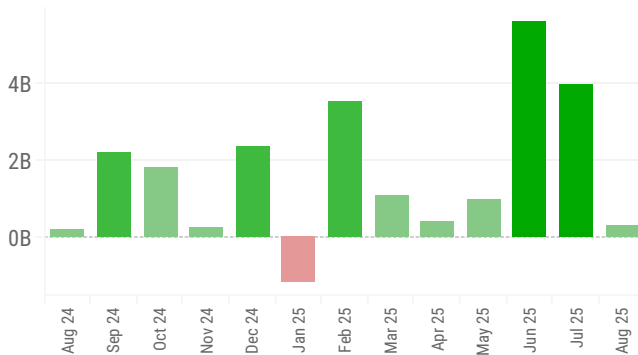


■ 200 Day Moving Average
 ■ Closing Price
 ■ 50 Day Moving Average

## Emerging 12-Month Rolling Flows



## Emerging Monthly Flows



## Emerging 1-Day Performance Top 10 Countries

	1 Day	WTD	1 Month	3 Month	YTD	1 Year
Emerging (EEM)	0.38%	-1.05%	1.87%	10.17%	20.94%	18.90%
Brazil (EWZ)	1.62%	3.08%	11.20%	8.44%	33.39%	2.79%
China (MCHI)	0.72%	-1.82%	2.98%	14.45%	30.26%	51.43%
India (INDA)	-0.27%	-1.94%	-1.30%	-3.21%	-0.19%	-7.39%
Indonesia (EIDO)	0.17%	-2.47%	2.48%	-1.22%	1.08%	-14.00%
Malaysia (EWM)	0.32%	-2.29%	4.49%	4.88%	4.62%	1.42%
Mexico (EWW)	0.94%	-0.45%	4.10%	4.52%	35.95%	24.51%
South Africa (EZA)	-0.40%	-2.81%	5.40%	11.14%	37.97%	29.37%
Taiwan (EWT)	0.22%	0.40%	1.42%	12.47%	15.73%	14.55%
Thailand (THD)	0.29%	-0.58%	3.17%	9.23%	-1.78%	-2.65%

## Emerging Technicals

	RSI (14D)	% From 52W High	% From 52W Low	% Abv/Below 50 ..	% Abv/Below 20..	% Abv/Below 50 ..	% Abv/Below 20..
Mexico (EWW)	59.66	-0.45%	33.90%	3.11%	13.88%	68.29%	65.85%
Emerging (EEM)	56.55	-1.05%	30.06%	2.20%	11.03%	60.46%	70.87%
China (MCHI)	58.43	-1.90%	48.27%	5.11%	14.54%	76.04%	80.94%
Taiwan (EWT)	54.13	-1.95%	46.28%	1.76%	12.35%	44.83%	44.83%
Brazil (EWZ)	66.31	-2.29%	31.65%	5.93%	12.72%	70.45%	68.18%
South Africa (EZA)	54.46	-2.81%	40.97%	3.68%	16.35%	66.67%	81.48%
Malaysia (EWM)	57.58	-8.42%	18.54%	3.17%	4.75%	62.96%	70.37%
India (INDA)	40.49	-11.25%	9.92%	-2.70%	-0.32%	27.50%	51.88%
Thailand (THD)	57.18	-16.76%	27.88%	5.43%	3.79%	66.67%	41.38%
Indonesia (EIDO)	50.56	-22.83%	26.67%	2.11%	1.85%	60.56%	57.75%

## Emerging 1-Day Performance Leaders

Ticker	Fund	
CQQQ	Invesco China Technology ETF	3.73%
CNYA	iShares MSCI China A ETF	2.79%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	2.69%
KBA	KraneShares Boser MSCI China A 50 Connect Index E..	2.66%
EWZS	iShares MSCI Brazil Small-Cap ETF	2.25%
FLBR	Franklin FTSE Brazil ETF	1.69%
EWZ	iShares MSCI Brazil ETF	1.62%
KGRN	KraneShares MSCI China Clean Technology Index ETF	1.59%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	1.25%
EFFE	Harbor Osmosis Emerging Markets Resource Efficient ..	1.15%

## Emerging 1-Day Performance Laggards

Ticker	Fund	
FCA	First Trust China AlphaDEX Fund	-1.75%
QAT	iShares MSCI Qatar ETF	-0.84%
EPOL	iShares MSCI Poland ETF	-0.83%
UAE	iShares MSCI UAE ETF	-0.76%
SMIN	iShares MSCI India Small Cap ETF	-0.75%
EPHE	iShares MSCI Philippines ETF	-0.64%
GLIN	VanEck India Growth Leaders ETF	-0.60%
KSA	iShares MSCI Saudi Arabia ETF	-0.56%
KURE	KraneShares MSCI All China Health Care Index ETF	-0.55%
AFK	VanEck Africa Index ETF	-0.51%

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### Fixed Income Category 1-Day Performance

Ticker	
International (IGOV)	0.59%
Emerging USD (EMB)	0.59%
Government Long (SPTL)	0.57%
Taxable Long Term (BLV)	0.45%
Convertible (CWB)	0.36%
Emerging (EMLC)	0.36%
Municipal Long (MLN)	0.21%
Taxable Core Enhanced (IUSB)	0.15%
Taxable Core (AGG)	0.12%
Mortgage Backed (MBS)	0.12%
Municipal Intermediate (MUB)	0.10%
International USD (BNDX)	0.08%
Municipal High Yield (HYD)	0.08%
Taxable Multisector (PYLD)	0.07%
Government Intermediate (SPTI)	0.07%
Inflation Protected (TIP)	0.06%
Taxable High Yield (HYG)	0.05%
Government Short (SPTS)	0.03%
Taxable Ultrashort (BIL)	0.01%
Bank Loans (BKLN)	0.00%
Corporate (SPIB)	0.00%
Municipal Short (SUB)	0.00%
Taxable Short-Term (BSV)	-0.01%
Preferred Stock (PFF)	-0.03%

### Fixed Income Category Performance

Ticker	1 Day	WTD	1 Month	3 Month	YTD	1 Year
Taxable Core (AGG)	0.12%	0.19%	1.63%	3.16%	5.14%	2.86%
Taxable Core Enhanced (IUSB)	0.15%	0.22%	1.56%	3.26%	5.27%	3.44%
Taxable Multisector (PYLD)	0.07%	0.30%	1.52%	3.82%	6.44%	7.21%
Taxable Ultrashort (BIL)	0.01%	0.04%	0.36%	1.07%	2.76%	4.46%
Taxable Short-Term (BSV)	-0.01%	0.15%	1.02%	2.04%	4.41%	4.60%
Taxable Long Term (BLV)	0.45%	0.13%	2.16%	4.47%	4.21%	-2.38%
Government Short (SPTS)	0.03%	0.14%	0.85%	1.57%	3.49%	4.36%
Government Intermediate (SPTI)	0.07%	0.31%	1.59%	2.85%	5.96%	3.72%
Government Long (SPTL)	0.57%	0.27%	2.01%	3.61%	3.15%	-5.08%
Inflation Protected (TIP)	0.06%	0.33%	1.70%	3.32%	6.52%	4.34%
Corporate (SPIB)	0.00%	0.09%	1.30%	3.11%	5.82%	5.49%
Taxable High Yield (HYG)	0.05%	0.20%	1.21%	3.54%	6.53%	8.34%
Bank Loans (BKLN)	0.00%	0.10%	0.50%	2.12%	4.02%	7.26%
Preferred Stock (PFF)	-0.03%	-0.32%	2.10%	6.64%	4.59%	4.16%
Convertible (CWB)	0.36%	0.50%	1.66%	8.72%	12.11%	19.36%
Mortgage Backed (MBS)	0.12%	0.29%	1.90%	3.58%	5.49%	2.93%
International USD (BNDX)	0.08%	0.06%	0.22%	0.67%	2.02%	3.31%
International (IGOV)	0.59%	0.12%	0.89%	2.29%	10.44%	2.89%
Emerging USD (EMB)	0.59%	0.05%	2.18%	5.76%	9.19%	8.25%
Emerging (EMLC)	0.36%	-0.12%	1.78%	4.54%	13.77%	8.54%
Municipal Short (SUB)	0.00%	0.04%	0.56%	1.78%	2.85%	3.41%
Municipal Intermediate (MUB)	0.10%	0.30%	1.15%	1.43%	-0.05%	0.00%
Municipal Long (MLN)	0.21%	0.33%	2.24%	0.72%	-3.63%	-3.21%
Municipal High Yield (HYD)	0.08%	0.30%	1.37%	0.29%	-2.25%	-1.35%

### Fixed Income 1-Day Performance Leaders

Ticker	Fund	
RFIX	Simplify Bond Bull ETF	1.99%
ZROZ	PIMCO 25+ Year Zero Coupon US Treasury Index Exch..	1.28%
GOVZ	iShares 25+ Year Treasury STRIPS Bond ETF	1.25%
FCVT	First Trust SSI Strategic Convertible Securities ETF	1.03%
EDV	Vanguard Extended Duration Treasury ETF	1.02%
XTWY	BondBloxx Bloomberg Twenty Year Target Duration US..	0.79%
ICVT	iShares Convertible Bond ETF	0.78%
EMHY	iShares J.P. Morgan EM High Yield Bond ETF	0.71%
PCY	Invesco Emerging Markets Sovereign Debt ETF	0.67%
TLT	iShares 20+ Year Treasury Bond ETF	0.66%

### Fixed Income 1-Day Performance Laggards

Ticker	Fund	
PFIX	Simplify Interest Rate Hedge ETF	-2.04%
CRDT	Simplify Opportunistic Income ETF	-0.56%
DRSK	Aptus Defined Risk ETF	-0.48%
PFXF	VanEck Preferred Securities ex Financials ETF	-0.34%
GENT	Genter Capital Taxable Quality Intermediate ETF	-0.32%
JBBB	Janus Henderson B-BBB CLO ETF	-0.31%
HYEM	VanEck Emerging Markets High Yield Bond ETF	-0.30%
HYHG	ProShares High Yield-Interest Rate Hedged ETF	-0.26%
IBD	Inspire Corporate Bond ETF	-0.20%
IVOL	KraneShares Quadratic Interest Rate Volatility and Infl..	-0.20%

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

### Fixed Income 1-Week Flows



### Fixed Income Landscape Flows

	Funds	AUM	1 Week	1 Month	3 Month	YTD	1 Year
Bank Loans	34	\$56.93B	\$0.78B	\$2.48B	\$6.39B	\$10.80B	\$23.70B
Corporate	210	\$402.28B	\$1.58B	\$13.61B	\$19.26B	\$32.13B	\$50.02B
Government	189	\$578.19B	\$2.59B	\$10.39B	\$15.01B	\$73.36B	\$73.66B
Multi-Sector	252	\$755.89B	\$3.95B	\$17.05B	\$45.23B	\$105.19B	\$165.67B
Municipal	131	\$159.49B	\$1.38B	\$5.14B	\$11.04B	\$18.81B	\$28.35B
Preferred Stock	25	\$39.01B	\$0.06B	\$0.29B	\$0.60B	\$0.72B	\$2.36B
Securitized	36	\$98.33B	\$0.43B	\$1.87B	\$9.40B	\$16.14B	\$25.28B
Grand Total	877	\$2,090.13B	\$10.76B	\$50.82B	\$106.93B	\$257.15B	\$369.04B

### Fixed Income Flows Leaders

Ticker	Fund	1 Week	1 Month	3 Month	YTD	1 Year	AUM
LQD	iShares iBoxx \$ Investment Grade Co..	\$1,022.06M	\$2.43B	(\$1.50B)	(\$0.32B)	(\$2.03B)	\$29.51B
AGG	iShares Core U.S. Aggregate Bond ETF	\$872.20M	\$1.60B	\$4.59B	\$7.68B	\$14.58B	\$130.60B
SCHO	Schwab Short-Term US Treasury ETF	\$648.63M	\$0.71B	\$0.72B	\$0.35B	\$0.81B	\$11.70B
JAAA	Janus Henderson AAA CLO ETF	\$558.34M	\$1.80B	\$3.78B	\$8.22B	\$13.06B	\$24.85B
VTEB	Vanguard Tax-Exempt Bond ETF	\$516.43M	\$0.30B	\$2.83B	\$3.64B	\$5.66B	\$38.51B
BND	Vanguard Total Bond Market ETF	\$412.22M	\$2.29B	\$6.52B	\$11.33B	\$21.86B	\$135.63B
BINC	iShares Flexible Income Active ETF	\$344.22M	\$0.87B	\$2.16B	\$4.46B	\$7.48B	\$11.54B
IGIB	iShares 5-10 Year Investment Grade ..	\$340.17M	\$0.32B	\$1.10B	\$0.86B	\$1.74B	\$16.19B
SGOV	iShares 0-3 Month Treasury Bond ETF	\$321.97M	\$4.08B	\$8.95B	\$26.31B	\$30.98B	\$56.11B
SHY	iShares 1-3 Year Treasury Bond ETF	\$281.48M	\$1.05B	\$0.17B	\$1.62B	\$0.58B	\$24.53B

### Fixed Income Flows Laggards

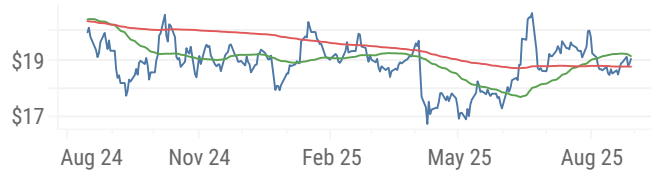
Ticker	Fund	1 Week	1 Month	3 Month	YTD	1 Year	AUM
HYG	iShares iBoxx \$ High Yield Corporate ..	(\$547.84M)	\$0.72B	\$1.29B	\$2.65B	\$0.62B	\$17.75B
IGSB	iShares 1-5 Year Investment Grade C..	(\$330.58M)	(\$0.26B)	\$0.18B	\$0.22B	\$0.39B	\$21.61B
BIL	SPDR Bloomberg 1-3 Month T-Bill ETF	(\$151.36M)	\$0.32B	(\$2.34B)	\$5.78B	\$7.58B	\$42.05B
SPHY	SPDR Portfolio High Yield Bond ETF	(\$133.29M)	(\$0.06B)	\$0.84B	\$2.30B	\$3.75B	\$9.12B
VGSH	Vanguard Short-Term Treasury ETF	(\$103.82M)	(\$0.01B)	\$0.25B	\$1.65B	\$2.72B	\$22.84B
BKLN	Invesco Senior Loan ETF	(\$89.98M)	(\$0.16B)	\$0.14B	(\$2.30B)	\$0.21B	\$6.97B
TIP	iShares TIPS Bond ETF	(\$77.25M)	(\$0.29B)	(\$0.52B)	(\$0.66B)	(\$5.10B)	\$13.59B
USFR	WisdomTree Floating Rate Treasury ..	(\$68.04M)	\$0.00B	\$0.01B	\$2.45B	\$1.59B	\$18.83B
SPIB	SPDR Portfolio Intermediate Term Co..	(\$66.77M)	\$0.17B	\$1.38B	\$0.72B	\$1.46B	\$10.71B
ICVT	iShares Convertible Bond ETF	(\$60.84M)	(\$0.15B)	\$0.25B	(\$0.04B)	\$0.46B	\$2.78B

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

## Broad Based Commodities (DJP)



## Energy (DBE)



## Precious Metals (DBP)



## Industrial Metals (DBB)



## Agriculture (DBA)



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

## Commodity Type 1-Day Performance

	1 Day	WTD	1 Month	3 Month	YTD	1 Year
Broad Commodities (DJP)	0.65%	0.44%	-1.21%	2.27%	6.51%	11.52%
Energy (DBE)	0.85%	0.63%	-2.16%	7.44%	2.75%	4.64%
WTI Crude Oil (USO)	0.75%	0.80%	-2.50%	10.83%	-0.41%	-0.32%
Brent Crude Oil (BNO)	0.76%	0.56%	-1.78%	10.90%	1.60%	0.66%
Natural Gas (UNG)	3.12%	5.54%	-8.05%	-22.17%	-25.22%	-4.77%
Gasoline (UGA)	1.07%	-0.50%	2.21%	8.42%	1.85%	4.35%
Precious Metals (DBP)	0.93%	1.50%	3.26%	6.35%	29.30%	34.97%
Gold (GLD)	0.74%	1.43%	3.15%	3.69%	30.11%	35.94%
Silver (SLV)	1.51%	0.51%	2.54%	18.48%	34.90%	33.08%
Platinum (PPLT)	0.87%	0.06%	-1.38%	25.40%	49.37%	44.50%
Palladium (PALL)	1.05%	-1.82%	-10.34%	14.01%	20.74%	16.46%
Industrial Metals (DBB)	0.58%	-0.18%	0.28%	5.62%	4.00%	4.28%
Copper (CPER)	0.98%	0.58%	-19.72%	-4.38%	11.01%	6.28%
Agriculture (DBA)	-0.58%	-0.25%	4.92%	2.99%	3.50%	14.92%
Corn (CORN)	0.94%	-0.23%	-0.42%	-5.37%	-8.04%	0.03%
Soybeans (SOYB)	0.24%	-0.39%	2.97%	2.49%	3.88%	4.02%
Wheat (WEAT)	0.47%	0.47%	-4.72%	-5.99%	-12.03%	-13.11%
Sugar (CANE)	0.05%	0.12%	0.65%	-2.45%	-3.78%	-7.78%

## Commodity 1-Day Performance Leaders

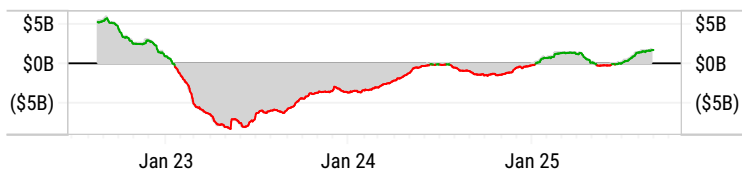
Ticker	Fund	
UNG	United States Natural Gas Fund LP	3.12%
SLV	iShares Silver Trust	1.51%
SIVR	abrdn Physical Silver Shares ETF	1.50%
KCCA	KraneShares California Carbon Allowance Strategy ETF	1.44%
UGA	United States Gasoline Fund LP	1.07%
PALL	abrdn Physical Palladium Shares ETF	1.05%
GLTR	abrdn Physical Precious Metals Basket Shares ETF	1.00%
CPER	United States Copper Index Fund	0.98%
DBP	Invesco DB Precious Metals Fund	0.93%
PPLT	abrdn Physical Platinum Shares ETF	0.87%

## Commodity 1-Day Performance Laggards

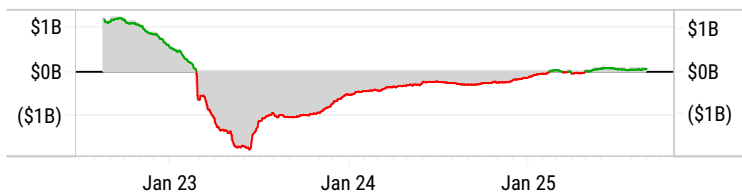
Ticker	Fund	
DBA	Invesco DB Agriculture Fund	-0.58%
PDBA	Invesco Agriculture Commodity Strategy No K-1 ETF	-0.43%
KRBN	KraneShares Global Carbon Strategy ETF	-0.10%
NBCM	Neuberger Berman Commodity Strategy ETF	0.00%
USCI	United States Commodity Index Fund	0.17%
SDCI	USCF SummerHaven Dynamic Commodity Strategy No..	0.18%
FTGC	First Trust Global Tactical Commodity Strategy Fund	0.32%
CERY	SPDR Bloomberg Enhanced Roll Yield Commodity Strat..	0.43%
COMT	iShares U.S. ETF Trust iShares GSCI Commodity Dyna..	0.43%
GCC	WisdomTree Enhanced Commodity Strategy Fund	0.44%

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

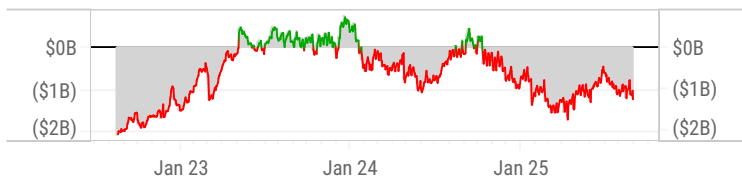
### Broad Based Commodities 30-Day Rolling Flows



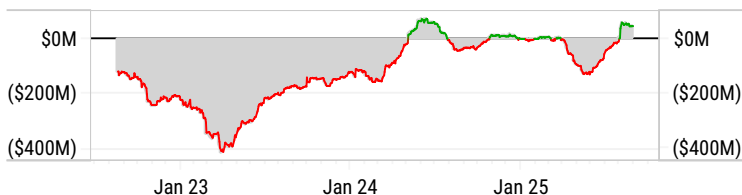
### Agriculture 30-Day Rolling Flows



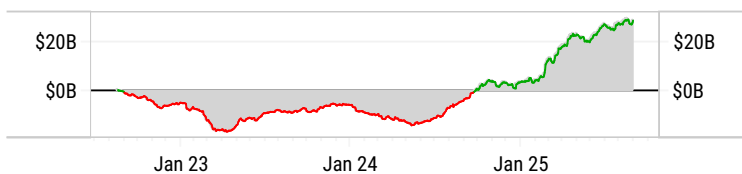
### Energy 30-Day Rolling Flows



### Industrial Metals 30-Day Rolling Flows



### Precious Metals 30-Day Rolling Flows



### Commodity Landscape Flows

	Funds	AUM	1 Week	1 Month	3 Month	YTD	1 Year
Agriculture	8	\$1.09B	\$6.02M	\$11.69M	(\$0.06B)	\$0.03B	\$0.07B
Carbon Credits	4	\$0.30B	\$5.53M	\$17.26M	\$0.03B	(\$0.01B)	(\$0.16B)
Energy	11	\$2.15B	\$5.65M	\$91.72M	\$0.41B	(\$0.26B)	(\$0.88B)
Industrial Metals	4	\$0.35B	(\$1.40M)	\$26.20M	\$0.06B	\$0.06B	\$0.04B
Multi-Sector	25	\$15.65B	\$41.81M	\$160.99M	\$0.93B	\$1.85B	\$1.80B
Precious Metals	17	\$209.78B	\$1,287.60M	\$2,932.33M	\$11.37B	\$25.44B	\$29.64B
Shipping Freight	2	\$0.05B	(\$3.30M)	(\$8.74M)	(\$0.04B)	(\$0.01B)	\$0.01B
Grand Total	71	\$229.37B	\$1,341.92M	\$3,231.45M	\$12.69B	\$27.10B	\$30.52B

### Commodity Flows Leaders

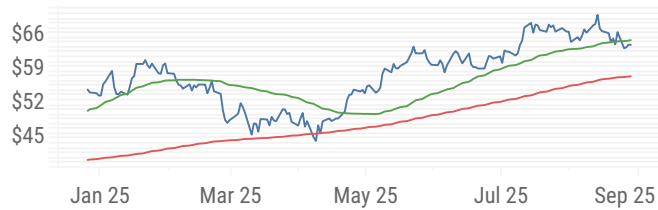
Ticker	Fund	1 Week	1 Month	3 Month	YTD	1 Year	AUM
GLD	SPDR Gold Shares	\$1,207.37M	\$1.32B	\$4.72B	\$9.83B	\$11.18B	\$105.04B
IAU	iShares Gold Trust	\$296.71M	\$0.72B	\$2.31B	\$6.41B	\$8.70B	\$49.48B
SLV	iShares Silver Trust	\$67.52M	\$0.22B	\$1.31B	\$1.23B	\$1.17B	\$18.83B
SIVR	abrdn Physical Silver Shares ETF	\$56.13M	\$0.16B	\$0.40B	\$0.46B	\$0.55B	\$2.36B
IAUM	iShares Gold Trust Micro ETF of Ben..	\$30.30M	\$0.13B	\$0.62B	\$1.59B	\$1.52B	\$3.43B
SGOL	abrdn Physical Gold Shares ETF	\$28.98M	\$0.10B	\$0.20B	\$0.48B	\$0.61B	\$5.37B
UNG	United States Natural Gas Fund LP	\$16.50M	\$0.19B	\$0.35B	(\$0.16B)	(\$0.46B)	\$0.58B
HGER	Harbor Commodity All-Weather Strat..	\$14.17M	\$0.06B	\$0.25B	\$0.31B	\$0.38B	\$0.61B
BCI	abrdn Bloomberg All Commodity Stra..	\$11.42M	\$0.05B	\$0.22B	\$0.34B	\$0.57B	\$1.68B
PALL	abrdn Physical Palladium Shares ETF	\$11.16M	(\$0.03B)	\$0.10B	\$0.07B	\$0.17B	\$0.50B

### Commodity Flows Laggards

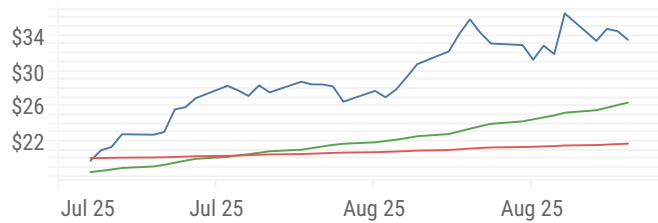
Ticker	Fund	1 Week	1 Month	3 Month	YTD	1 Year	AUM
GLDM	SPDR Gold Minishares Trust of benef..	(\$349.33M)	\$0.35B	\$1.32B	\$4.36B	\$4.51B	\$16.60B
PPLT	abrdn Physical Platinum Shares ETF	(\$61.24M)	(\$0.04B)	\$0.07B	\$0.05B	\$0.13B	\$1.54B
FTGC	First Trust Global Tactical Commodit..	(\$10.17M)	(\$0.09B)	(\$0.26B)	(\$0.13B)	(\$0.18B)	\$2.20B
OILK	ProShares K-1 Free Crude Oil ETF of ..	(\$8.26M)	\$0.00B	\$0.01B	\$0.00B	(\$0.01B)	\$0.07B
PDBC	Invesco Optimum Yield Diversified C..	(\$7.84M)	(\$0.06B)	(\$0.03B)	\$0.37B	\$0.12B	\$4.45B
USO	United States Oil Fund LP	(\$7.08M)	(\$0.10B)	\$0.00B	(\$0.08B)	(\$0.29B)	\$0.97B
BDRY	Breakwave Dry Bulk Shipping ETF	(\$3.30M)	(\$0.01B)	(\$0.04B)	(\$0.01B)	\$0.01B	\$0.04B
BCD	abrdn Bloomberg All Commodity Lon..	(\$1.65M)	\$0.00B	\$0.02B	\$0.04B	\$0.08B	\$0.29B
CPER	United States Copper Index Fund	(\$1.40M)	\$0.03B	\$0.05B	\$0.06B	\$0.04B	\$0.21B
CORN	Teucrium Corn Fund	(\$0.86M)	\$0.00B	\$0.00B	(\$0.01B)	(\$0.01B)	\$0.05B

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### Bitcoin (IBIT)

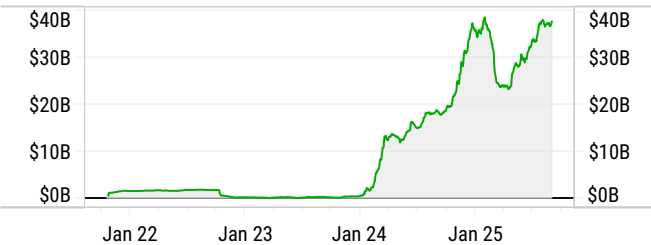


### Ethereum (ETHA)

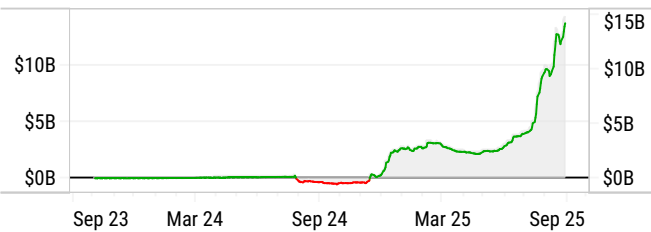


■ 200 Day Moving Average
 ■ Closing Price
 ■ 50 Day Moving Average

### Bitcoin 30-Day Rolling Flows



### Ethereum 30-Day Rolling Flows



### Digital Asset Performance

	1 Day	WTD	1 Month	3 Month	YTD	1 Year
Bitcoin (IBIT)	-0.11%	-4.03%	-5.25%	4.59%	19.85%	89.68%
Ethereum (ETHA)	-2.86%	-8.25%	16.60%	69.20%	32.74%	76.68%
Multi-Coin (NCIQ)	-0.47%	-4.76%	-1.68%	12.50%		
Solana (SOLZ)	1.52%	4.74%	11.04%	19.05%		

### Digital Asset Landscape Flows

	Funds	AUM	1 Week	1 Month	3 Month	YTD	1 Year
Bitcoin	17	\$147.32B	\$244.81M	(\$304.76M)	\$9.79B	\$19.59B	\$37.10B
Ethereum	12	\$30.34B	\$1,823.90M	\$4,325.49M	\$10.87B	\$11.03B	\$14.11B
Multicoin	6	\$0.23B	\$1.85M	\$6.30M	\$0.02B	\$0.11B	\$0.11B
Solana	2	\$0.36B	\$31.67M	\$103.63M	\$0.30B	\$0.32B	\$0.32B
Grand Total	37	\$178.25B	\$2,102.23M	\$4,130.65M	\$20.97B	\$31.05B	\$51.64B

### Digital Asset 1-Day Performance Leaders

Ticker	Fund	
SOLZ	Solana ETF	1.52%
SSK	REX-Osprey SOL + Staking ETF	1.37%
BITO	ProShares Bitcoin ETF	-0.05%
BTCO	Invesco Galaxy Bitcoin ETF	-0.11%
IBIT	iShares Bitcoin Trust ETF	-0.11%
BITB	Bitwise Bitcoin ETF Trust	-0.11%
HODL	VanEck Bitcoin ETF	-0.13%
FBTC	Fidelity Wise Origin Bitcoin Fund	-0.13%
ARKB	ARK 21Shares Bitcoin ETF	-0.13%
GBTC	Grayscale Bitcoin Trust ETF	-0.14%

### Digital Asset 1-Day Performance Laggards

Ticker	Fund	
EETH	ProShares Ether ETF	-2.94%
ETHA	iShares Ethereum Trust ETF	-2.86%
ETHW	Bitwise Ethereum ETF	-2.84%
ETHV	VanEck Ethereum ETF	-2.82%
ETHE	Grayscale Ethereum Trust ETF	-2.81%
EZET	Franklin Ethereum ETF	-2.80%
FETH	Fidelity Ethereum Fund ETF	-2.76%
ETH	Grayscale Ethereum Mini Trust ETF	-2.72%
TETH	21Shares Ethereum ETF	-2.72%
NCIQ	Hashdex Nasdaq Crypto Index US ETF	-0.47%

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