

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

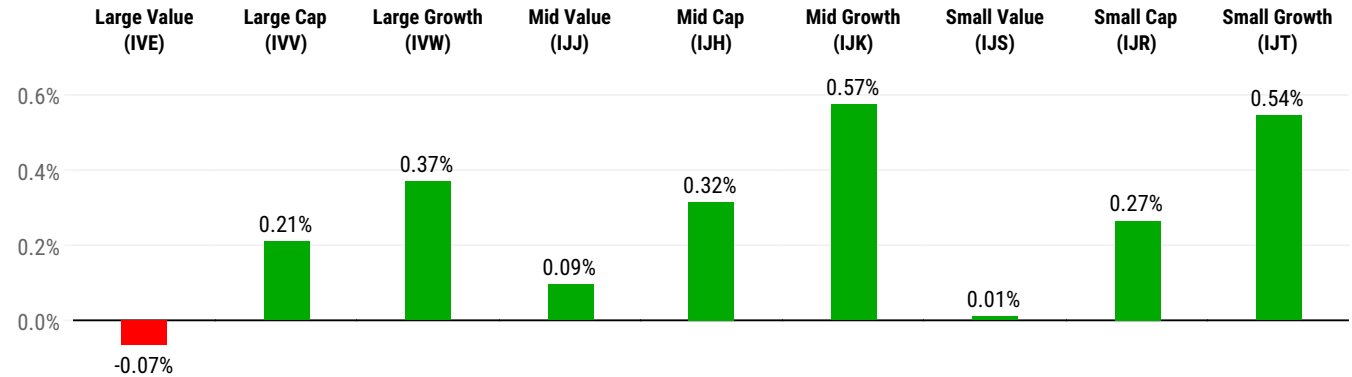


Small Cap Blend (S&P 600) IJR



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

U.S. Size & Style 1-Day Performance



Size & Style 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
ADPV	Adaptiv Select ETF	2.75%
FFTY	Innovator IBD 50 ETF	2.51%
FRTY	Alger Mid Cap 40 ETF	2.49%
FPX	First Trust US Equity Opportunities ETF	2.04%
PDP	Invesco Dorsey Wright Momentum ETF	1.62%
DWAS	Invesco Dorsey Wright SmallCap Momentum ETF	1.56%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	1.54%
VFMO	Vanguard U.S. Momentum Factor ETF	1.51%
BUZZ	VanEck Social Sentiment ETF	1.48%
FYC	First Trust Small Cap Growth AlphaDEX Fund	1.45%

Size & Style Most Overbought

Ticker	Fund	Value
BLUC	Bluemonte Large Cap Core ETF	79.38
CGDV	Capital Group Dividend Value ETF	79.38
BUZZ	VanEck Social Sentiment ETF	76.88
BLGR	Bluemonte Large Cap Growth ETF	76.62
BLUX	Bluemonte Dynamic Total Market ETF	76.57
ADPV	Adaptiv Select ETF	76.38
WLTG	WealthTrust DBS Long Term Growth ETF	74.11
ALTL	Pacer Lunt Large Cap Alternator ETF	73.60
CGUS	Capital Group Core Equity ETF	73.52
BVAL	Bluemonte Large Cap Value ETF	73.38

Size & Style 1-Day Performance Laggards

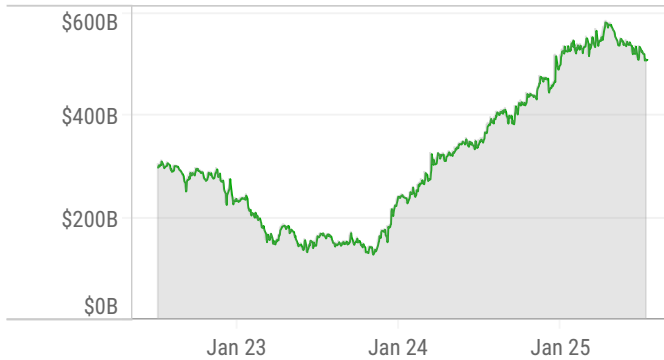
Ticker	Fund	1-Day Performance
GOP	Unusual Whales Subversive Republican Trading ETF	-1.06%
WBIY	WBI Power Factor High Dividend ETF	-0.90%
RFV	Invesco S&P Midcap 400 Pure Value ETF	-0.69%
QVAL	Alpha Architect US Quantitative Value ETF	-0.58%
FYT	First Trust Small Cap Value AlphaDEX Fund	-0.45%
MOAT	VanEck Morningstar Wide Moat ETF	-0.44%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	-0.41%
SFLO	VictoryShares Small Cap Free Cash Flow ETF	-0.39%
FDIV	MarketDesk Focused U.S. Dividend ETF	-0.39%
DSMC	Distillate Small/Mid Cash Flow ETF	-0.38%

Size & Style Most Oversold

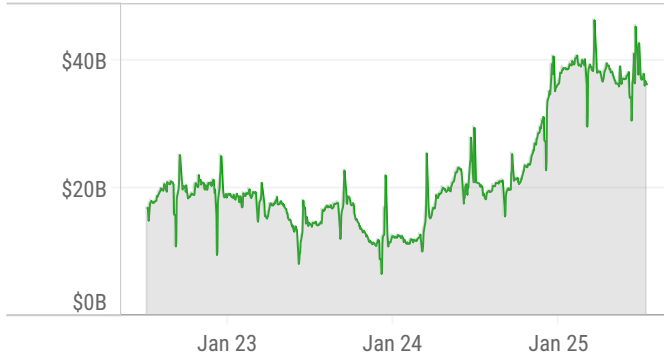
Ticker	Fund	Value
AFOS	ARS Focused Opportunity Strategy ETF	
DVOL	First Trust Dorsey Wright Momentum & Low Volatil..	47.11
SELV	SEI Enhanced Low Volatility U.S. Large Cap ETF	47.54
HUSV	First Trust Horizon Managed Volatility Domestic ETF	48.00
TMFM	Motley Fool Mid-Cap Growth ETF	48.02
FCTE	SMI 3Fourteen Full-Cycle Trend ETF	49.01
ABFL	Abacus FCF Leaders ETF	49.13
USMF	WisdomTree U.S. Multifactor Fund	49.17
PTMC	Pacer Trendpilot US Mid Cap ETF	49.19
ABEQ	Absolute Select Value ETF	49.71

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

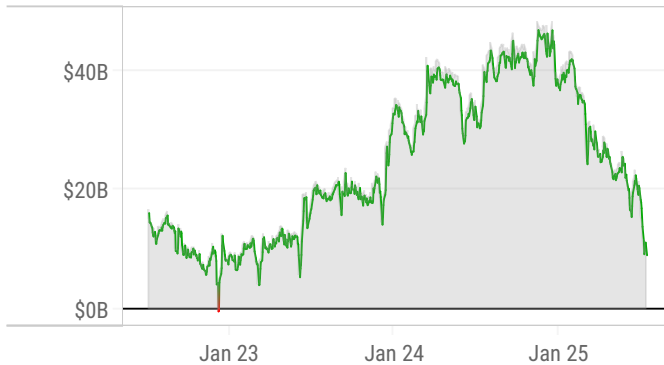
Large-Cap 12-Month Rolling Flows



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	300	\$6.65B	\$30.43B	\$112.69B	\$360.21B	\$3,486B
Equity: U.S. Large Cap - Growth	135	(\$1.64B)	\$19.95B	\$52.03B	\$99.34B	\$1,068B
Equity: U.S. Large Cap - Value	183	(\$0.46B)	\$7.83B	\$26.85B	\$68.47B	\$809B
Equity: U.S. Mid Cap - Blend	65	(\$0.46B)	\$4.11B	\$11.93B	\$32.55B	\$339B
Equity: U.S. Mid Cap - Growth	23	\$0.03B	(\$0.80B)	(\$0.34B)	\$1.57B	\$56B
Equity: U.S. Mid Cap - Value	21	\$0.07B	(\$0.54B)	(\$0.29B)	\$4.04B	\$71B
Equity: U.S. Small Cap - Blend	58	\$0.49B	(\$3.70B)	(\$6.98B)	\$13.30B	\$297B
Equity: U.S. Small Cap - Growth	17	(\$0.04B)	(\$0.72B)	(\$1.76B)	\$0.86B	\$46B
Equity: U.S. Small Cap - Value	33	(\$0.38B)	(\$1.66B)	(\$4.04B)	\$0.78B	\$90B

U.S. Size & Style Flow Leaders

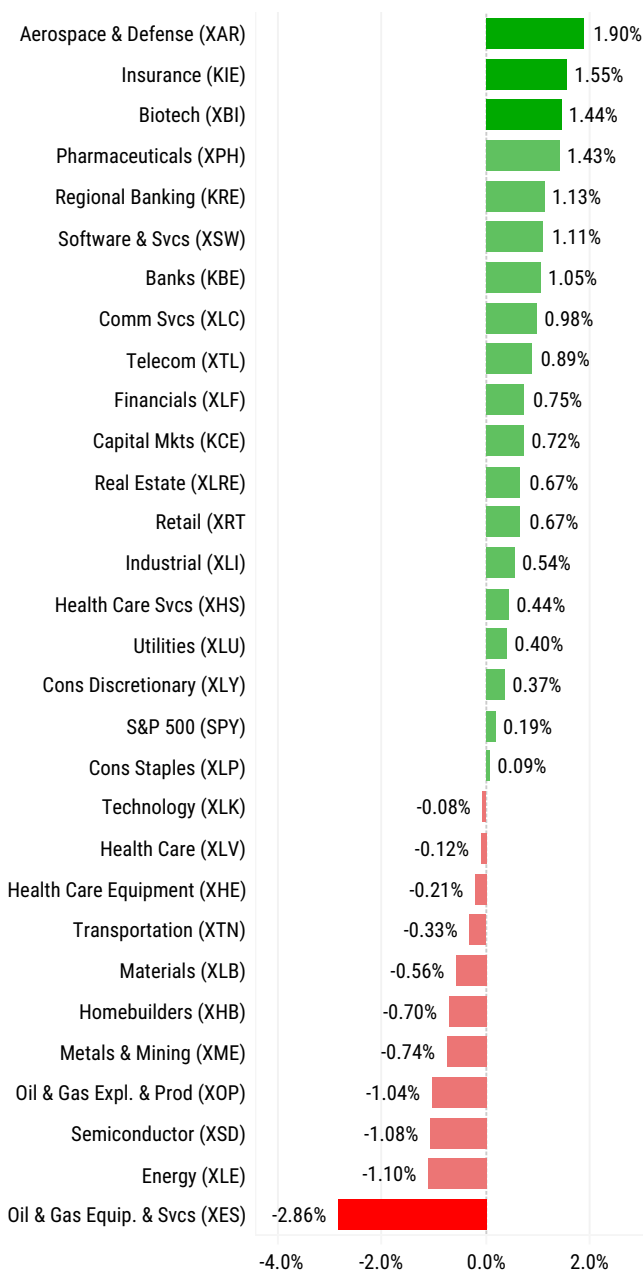
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	\$2.62B	\$15.63B	\$54.05B	\$135.50B	\$694.66B
SPLG	SPDR Portfolio S&P 500 ETF	\$1.58B	\$8.35B	\$17.36B	\$28.06B	\$76.53B
IVV	iShares Core S&P 500 ETF	\$0.69B	(\$4.23B)	\$8.59B	\$62.77B	\$630.96B
VTI	Vanguard Total Stock Market ETF	\$0.61B	\$7.90B	\$17.27B	\$31.83B	\$505.10B
IWM	iShares Russell 2000 ETF	\$0.61B	(\$1.19B)	(\$4.36B)	\$0.12B	\$66.66B
SPY	SPDR S&P 500 ETF Trust	\$0.48B	(\$8.68B)	(\$18.41B)	\$13.55B	\$641.23B
VO	Vanguard Mid-Cap ETF	\$0.38B	\$3.08B	\$6.51B	\$9.76B	\$84.78B
IJR	iShares Core S&P Small Cap ETF	\$0.35B	(\$1.67B)	(\$3.09B)	\$0.70B	\$82.06B
SPMO	Invesco S&P 500 Momentum ETF	\$0.32B	\$3.26B	\$4.83B	\$6.58B	\$10.10B
KLMN	Invesco MSCI North America Climate ETF	\$0.25B	\$1.28B	\$0.45B	\$2.87B	\$2.86B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust Series I	(\$2.39B)	(\$2.09B)	\$7.16B	\$14.09B	\$351.84B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$1.16B)	(\$0.16B)	(\$0.94B)	\$0.20B	\$38.20B
VXF	Vanguard Extended Market ETF	(\$1.07B)	(\$0.09B)	\$0.56B	\$1.07B	\$22.59B
VB	Vanguard Small-Cap ETF	(\$0.36B)	(\$0.04B)	\$0.47B	\$3.81B	\$64.41B
IWN	iShares Russell 2000 Value ETF	(\$0.35B)	(\$1.10B)	(\$1.15B)	(\$1.17B)	\$11.07B
VTWO	Vanguard Russell 2000 ETF	(\$0.24B)	(\$0.05B)	\$0.02B	\$3.16B	\$12.53B
IWF	iShares Russell 1000 Growth ETF	(\$0.19B)	(\$1.91B)	(\$0.55B)	(\$1.75B)	\$112.05B
JGRO	JPMorgan Active Growth ETF	(\$0.18B)	\$0.63B	\$1.61B	\$3.56B	\$6.47B
COWZ	Pacer US Cash Cows 100 ETF	(\$0.17B)	(\$2.58B)	(\$3.85B)	(\$3.14B)	\$20.76B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.11B)	(\$0.21B)	(\$0.05B)	(\$2.99B)	\$23.52B

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S&P Sector & Industry 1 Day Performance



Select Sector SPDRs Technicals

Ticker	Fund Name	% From 52W High	% From 52W Low	% Abv/Below 50 SMA	% Abv/Below 200 SMA	RSI (14D)
XLI	Industrial Select Sector SPDR Fund	0.00%	29.71%	5.01%	10.10%	73.43
SPY	SPDR S&P 500 ETF Trust	-0.16%	25.85%	4.41%	6.73%	68.53
XLU	Utilities Select Sector SPDR Fund	-0.18%	16.31%	1.91%	4.58%	60.26
XLK	Technology Select Sector SPDR Fund	-0.85%	42.24%	6.72%	11.70%	67.23
XLF	Financial Select Sector SPDR Fund	-1.20%	28.67%	2.73%	5.96%	58.85
XLC	Communication Services Select Sector SPDR Fund	-1.36%	30.06%	3.70%	8.63%	59.73
XLP	Consumer Staples Select Sector SPDR Fund	-4.01%	6.10%	-0.68%	0.20%	45.52
XLB	Materials Select Sector SPDR Fund	-6.78%	22.54%	3.83%	3.18%	60.35
XLY	Consumer Discretionary Select Sector SPDR Fund	-7.18%	30.70%	3.81%	4.44%	63.60
XLRE	Real Estate Select Sector SPDR Fund	-7.74%	12.86%	0.62%	-0.18%	54.81
XLE	Energy Select Sector SPDR Fund	-9.38%	15.32%	3.78%	0.20%	57.53
XLV	Health Care Select Sector SPDR Fund	-14.12%	4.86%	0.95%	-4.56%	51.45

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
MISL	First Trust Indxx Aerospace & Defense ETF	2.35%
ITA	iShares U.S. Aerospace & Defense ETF	2.03%
XAR	SPDR S&P Aerospace & Defense ETF	1.90%
QABA	First Trust NASDAQ ABA Community Bank Index ..	1.83%
PPA	Invesco Aerospace & Defense ETF	1.67%
PTH	Invesco Dorsey Wright Healthcare Momentum ETF	1.66%
PRN	Invesco Dorsey Wright Industrials Momentum ETF	1.64%
KIE	SPDR S&P Insurance ETF	1.55%
XBI	SPDR S&P BIOTECH ETF	1.44%
XPH	SPDR S&P Pharmaceuticals ETF	1.43%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
MISL	First Trust Indxx Aerospace & Defense ETF	77.96
PYZ	Invesco Dorsey Wright Basic Materials Momentum ETF	76.22
XAR	SPDR S&P Aerospace & Defense ETF	75.68
PPA	Invesco Aerospace & Defense ETF	75.48
KCE	SPDR S&P Capital Markets ETF	74.96
ITA	iShares U.S. Aerospace & Defense ETF	74.41
XLI	Industrial Select Sector SPDR Fund	73.43
VIS	Vanguard Industrials ETF	73.30
FIDU	Fidelity MSCI Industrial Index ETF	72.82
IAI	iShares U.S. Broker-Dealers & Securities Exchanges ETF	72.27

Sector & Industry 1 Day Performance Laggards

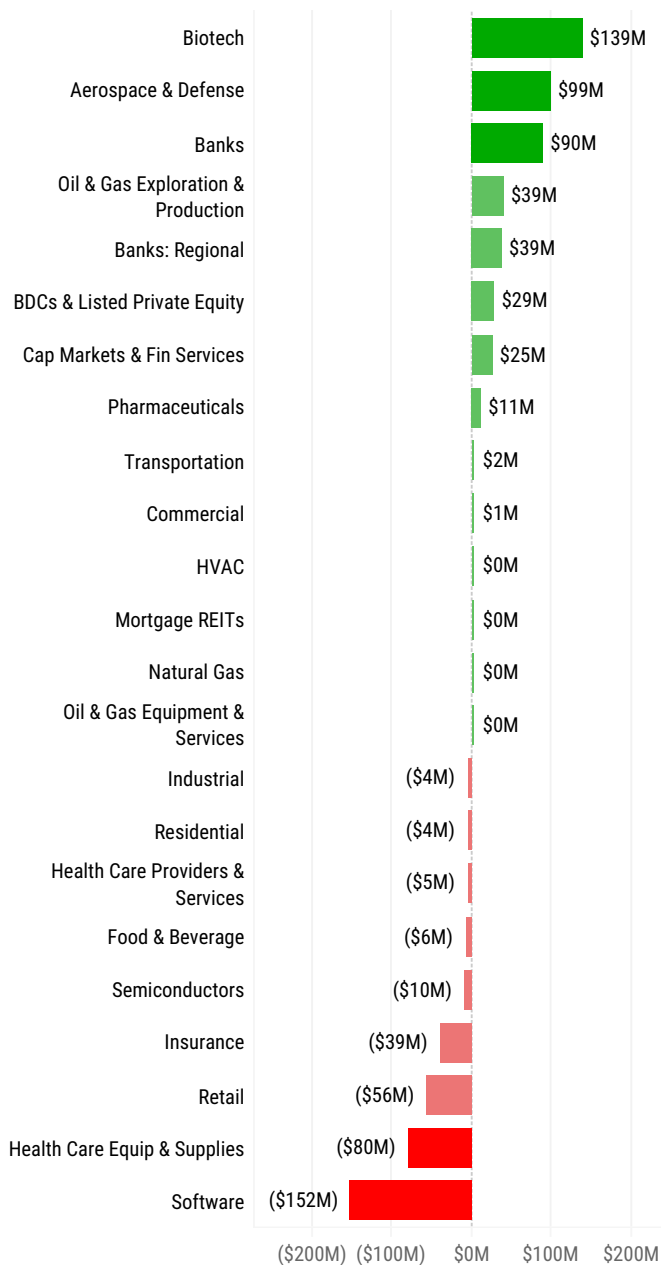
Ticker	Fund	1 Day Performance
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-2.86%
IEZ	iShares U.S. Oil Equipment & Services ETF	-2.77%
PSCE	Invesco S&P SmallCap Energy ETF	-1.80%
FXN	First Trust Energy AlphaDEX Fund	-1.80%
DRLL	Strive U.S. Energy ETF	-1.42%
PXE	Invesco Energy Exploration & Production ETF	-1.25%
RSPG	Invesco S&P 500 Equal Weight Energy ETF	-1.14%
XLE	Energy Select Sector SPDR Fund	-1.10%
FENY	Fidelity MSCI Energy Index ETF	-1.10%
FTXN	First Trust Nasdaq Oil & Gas ETF	-1.05%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IHF	iShares U.S. Healthcare Providers ETF	34.78
XHS	SPDR S&P Health Care Services ETF	41.15
IAK	iShares U.S. Insurance ETF	42.50
IYK	iShares U.S. Consumer Staples ETF	43.47
XHE	SPDR S&P Health Care Equipment ETF	44.14
KBWP	Invesco KBW Property & Casualty Insurance ETF	44.30
KIE	SPDR S&P Insurance ETF	45.49
XLP	Consumer Staples Select Sector SPDR Fund	45.52
VDC	Vanguard Consumer Staples ETF	45.59
PSL	Invesco Dorsey Wright Consumer Staples Momentum E..	45.77

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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	(\$210M)	\$1,698M	\$1,757M	\$512M	\$30B
Sector: Consumer Discretionary	10	(\$195M)	\$857M	(\$2,003M)	(\$1,964M)	\$33B
Sector: Consumer Staples	10	\$261M	\$322M	(\$231M)	\$38M	\$27B
Sector: Energy	20	\$27M	(\$1,736M)	(\$6,613M)	(\$11,823M)	\$43B
Sector: Financials	31	\$224M	(\$2,032M)	(\$2,131M)	\$7,467M	\$92B
Sector: Health Care	22	(\$503M)	(\$2,859M)	(\$6,405M)	(\$10,150M)	\$74B
Sector: Industrial	19	\$191M	\$1,597M	(\$220M)	\$660M	\$54B
Sector: Materials	8	(\$42M)	\$288M	(\$24M)	(\$695M)	\$10B
Sector: Real Estate	32	(\$66M)	\$1,568M	\$515M	\$3,292M	\$66B
Sector: Technology	24	(\$157M)	\$2,378M	\$2,158M	\$9,535M	\$261B
Sector: Utilities	9	\$820M	\$2,023M	\$3,784M	\$5,426M	\$33B

U.S. Sector & Industry Flow Leaders

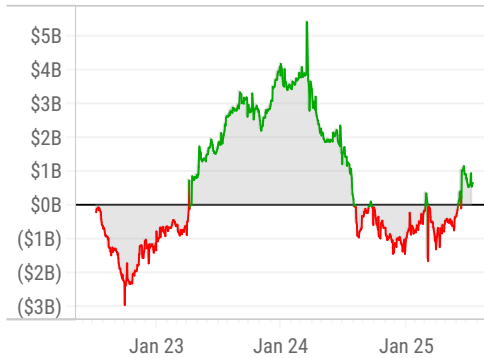
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLU	Utilities Select Sector SPDR Fund	\$815M	\$1,625M	\$2,059M	\$2,845M	\$20,045M
XLP	Consumer Staples Select Sector SPDR Fund	\$304M	\$83M	(\$712M)	(\$480M)	\$16,116M
IYR	iShares U.S. Real Estate ETF	\$143M	\$678M	(\$101M)	\$490M	\$3,771M
XBI	SPDR S&P BIOTECH ETF	\$113M	(\$486M)	(\$903M)	(\$1,415M)	\$5,066M
KBWB	Invesco KBW Bank ETF	\$87M	\$596M	\$1,520M	\$2,522M	\$4,853M
XLI	Industrial Select Sector SPDR Fund	\$75M	\$202M	(\$677M)	(\$336M)	\$22,285M
KRE	SPDR S&P Regional Banking ETF	\$56M	\$22M	(\$1,416M)	\$633M	\$3,554M
VGT	Vanguard Information Technology ETF	\$55M	\$1,336M	\$2,981M	\$7,068M	\$95,402M
FTEC	Fidelity MSCI Information Technology Index ETF	\$50M	\$57M	(\$137M)	\$1,373M	\$14,208M
ITA	iShares U.S. Aerospace & Defense ETF	\$47M	\$724M	\$394M	(\$93M)	\$8,512M

U.S. Sector & Industry Flow Laggards

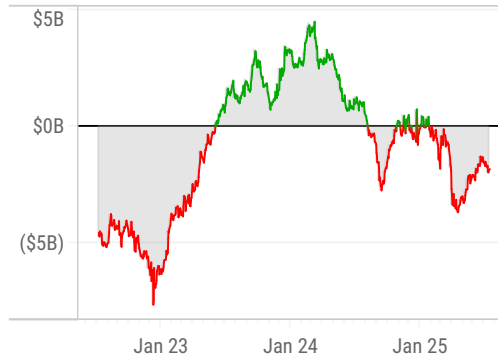
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	(\$495M)	(\$1,294M)	(\$2,702M)	(\$3,138M)	\$33,630M
XLC	Communication Services Select Sector SPDR Fund	(\$220M)	\$1,225M	\$1,235M	\$32M	\$23,547M
RWR	SPDR Dow Jones REIT ETF	(\$167M)	\$34M	\$68M	\$421M	\$1,861M
IGV	iShares Expanded Tech-Software Sector ETF	(\$154M)	(\$162M)	\$1,173M	\$2,901M	\$11,708M
XLY	Consumer Discretionary Select Sector SPDR Fund	(\$130M)	\$969M	(\$20M)	(\$667M)	\$22,686M
IHI	iShares U.S. Medical Devices ETF	(\$80M)	(\$255M)	(\$437M)	(\$1,111M)	\$4,392M
XRT	SPDR S&P Retail ETF	(\$56M)	(\$99M)	(\$194M)	(\$204M)	\$269M
XLB	Materials Select Sector SPDR Fund	(\$46M)	\$148M	\$295M	(\$205M)	\$5,557M
VHT	Vanguard Health Care ETF	(\$43M)	\$39M	(\$723M)	(\$1,250M)	\$15,335M
VNQ	Vanguard Real Estate ETF	(\$43M)	(\$125M)	(\$596M)	(\$458M)	\$33,888M

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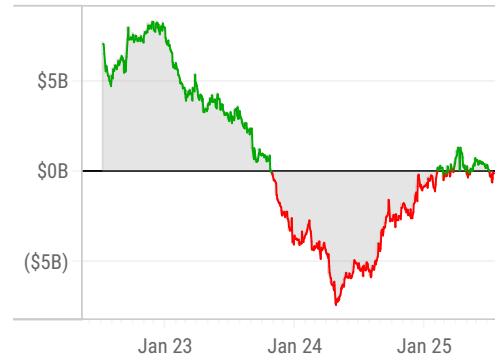
Communication Services



Consumer Discretionary



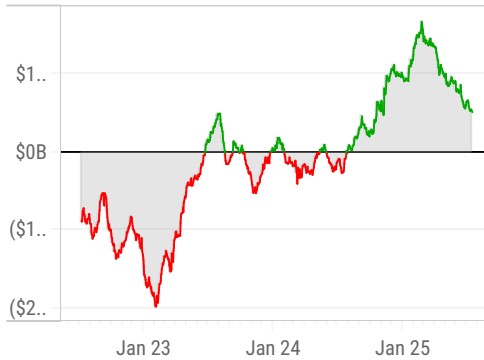
Consumer Staples



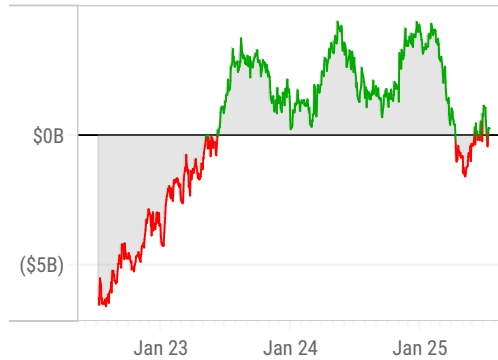
Energy



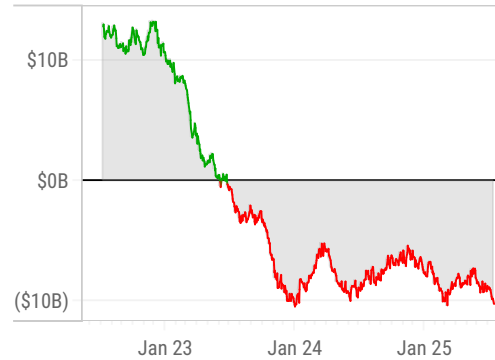
Financials



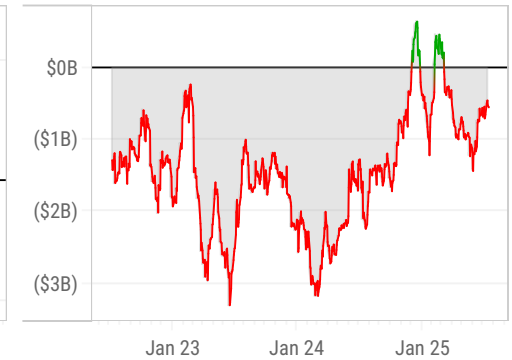
Industrial



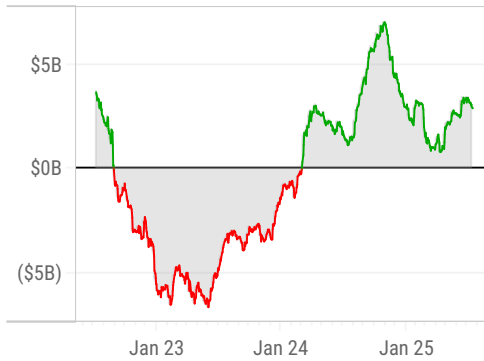
Health Care



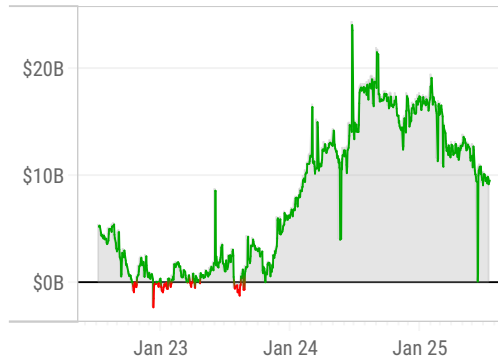
Materials



Real Estate



Technology

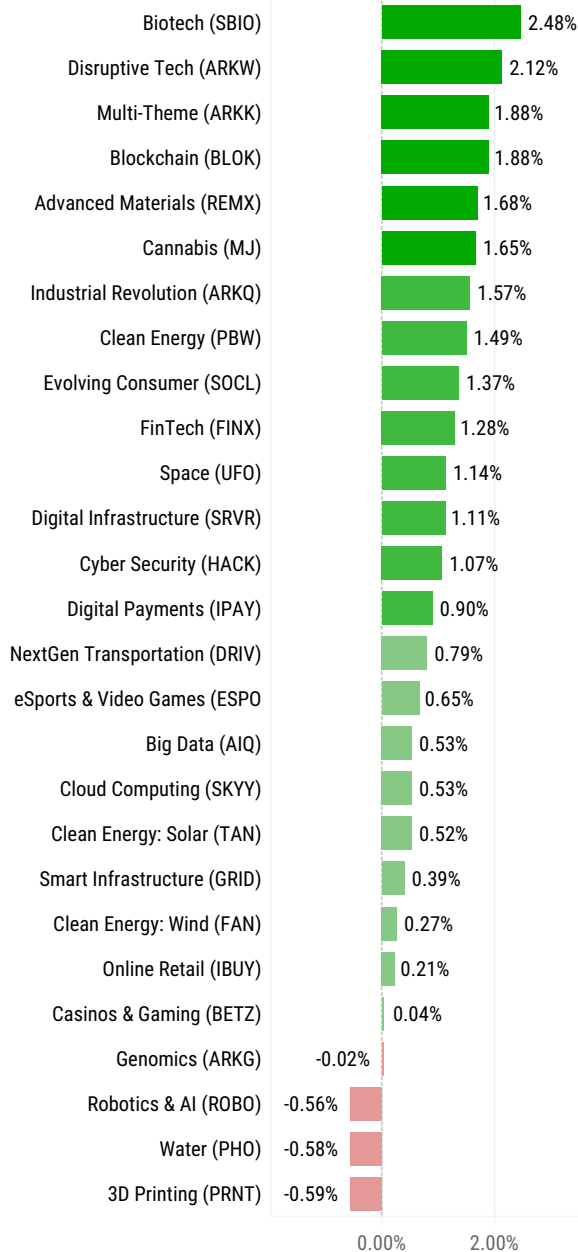


Utilities

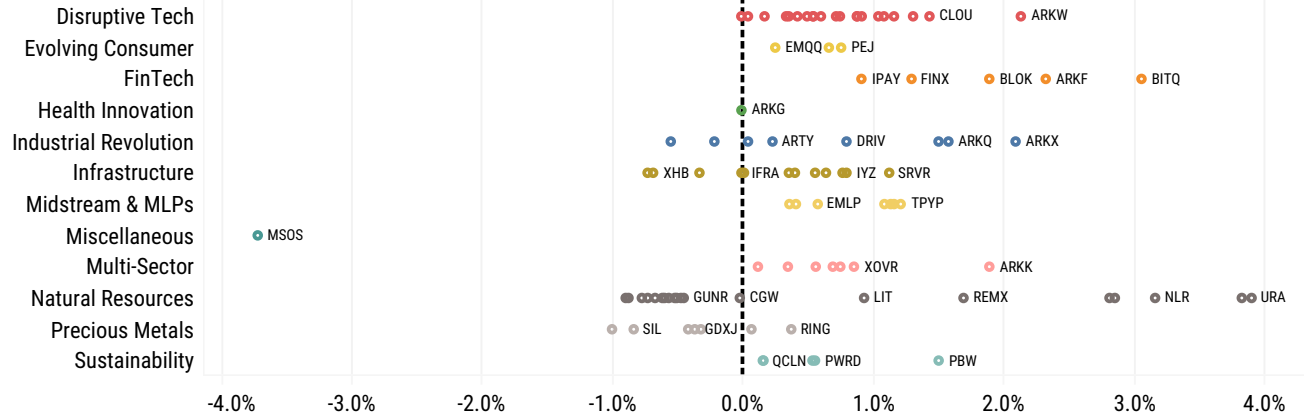


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
URA	Global X Uranium ETF	3.89%
URNJ	Sprott Junior Uranium Miners ETF	3.82%
DAPP	VanEck Digital Transformation ETF	3.71%
WGMI	CoinShares Valkyrie Bitcoin Miners ETF	3.19%
NLR	VanEck Uranium and Nuclear ETF	3.15%
BITQ	Bitwise Crypto Industry Innovators ETF	3.05%
NUKZ	Range Nuclear Renaissance Index ETF	2.84%
URNM	Sprott Uranium Miners ETF	2.80%
SBIO	ALPS Medical Breakthroughs ETF	2.48%
BKCH	Global X Blockchain ETF	2.46%

Thematic Most Overbought

Ticker	Fund	Value
ARKX	ARK Space Exploration & Innovation ETF	80.14
METV	Roundhill Ball Metaverse ETF	76.81
UFO	Procore Space ETF	76.39
ARKQ	ARK Autonomous Technology & Robotics ETF	75.22
REMX	VanEck Rare Earth and Strategic Metals ETF	75.08
ARKF	ARK Fintech Innovation ETF	73.10
STCE	Schwab Crypto Thematic ETF	72.98
SETM	Sprott Critical Materials ETF	72.75
XME	SPDR S&P Metals & Mining ETF	72.68
ARKW	ARK Next Generation Internet ETF	72.18

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
MSOS	AdvisorShares Pure US Cannabis ETF	-3.73%
CNBS	Amplify Seymour Cannabis ETF	-3.29%
SLX	VanEck Steel ETF	-1.42%
SILJ	Amplify Junior Silver Miners ETF	-1.01%
CCNR	ALPS CoreCommodity Natural Resources ETF	-0.91%
GNR	SPDR S&P Global Natural Resources ETF	-0.89%
SIL	Global X Silver Miners ETF	-0.85%
PIO	Invesco Global Water ETF	-0.78%
ITB	iShares U.S. Home Construction ETF	-0.74%
XME	SPDR S&P Metals & Mining ETF	-0.74%

Thematic Most Oversold

Ticker	Fund	Value
BUG	Global X Cybersecurity ETF	42.26
IHAK	iShares Cybersecurity & Tech ETF	43.99
WCBR	WisdomTree Cybersecurity Fund	44.23
WCLD	WisdomTree Cloud Computing Fund	44.75
TOLZ	ProShares DJ Brookfield Global Infrastructure ETF	45.48
CLOU	Global X Cloud Computing ETF	46.16
CIBR	First Trust NASDAQ Cybersecurity ETF	47.11
PAWZ	ProShares Pet Care ETF	47.42
GDXY	YieldMax Gold Miners Option Income Strategy ETF	47.92
HACK	Amplify Cybersecurity ETF	47.98

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Thematic 1 Week Flow Leaders

Ticker	Fund	
FDN	First Trust Dow Jones Internet Index Fund	\$189M
AIRR	First Trust RBA American Industrial Renaissance ETF	\$139M
ITB	iShares U.S. Home Construction ETF	\$138M
XOVR	ERShares Private-Public Crossover ETF	\$88M
AIQ	Global X Artificial Intelligence & Technology ETF	\$88M

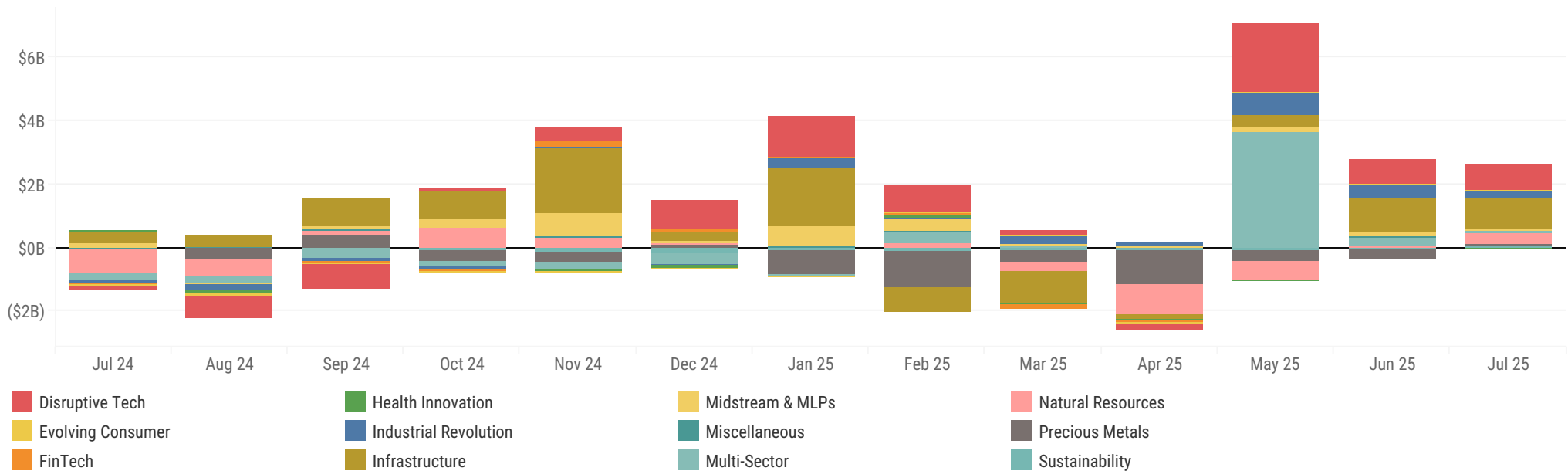
Thematic 1 Week Flow Laggards

Ticker	Fund	
URNM	Sprott Uranium Miners ETF	(\$39M)
GDX	VanEck Gold Miners ETF	(\$36M)
GUNR	FlexShares Morningstar Global Upstream Natural Resources In..	(\$25M)
WGMI	CoinShares Valkyrie Bitcoin Miners ETF	(\$13M)
SKYY	First Trust Cloud Computing ETF	(\$12M)

Thematic Landscape Assets & Flows

Segment	Funds	1 Week	3 Month	6 Month	1 Year	AUM
Disruptive Tech	59	\$100M	\$4,017M	\$5,792M	\$5,722M	\$43B
Evolving Consumer	34	\$2M	(\$6M)	\$44M	(\$216M)	\$2B
FinTech	24	\$10M	\$46M	(\$56M)	\$60M	\$5B
Health Innovation	27	\$18M	(\$105M)	(\$84M)	(\$310M)	\$2B
Industrial Revolution	29	\$93M	\$1,388M	\$2,028M	\$1,548M	\$11B
Infrastructure	37	\$391M	\$2,403M	\$2,281M	\$7,232M	\$36B
Midstream & MLPs	14	\$19M	\$406M	\$1,135M	\$2,583M	\$20B
Miscellaneous	3	\$0M	(\$8M)	\$67M	\$70M	\$0B
Multi-Sector	34	\$169M	\$3,606M	\$4,515M	\$3,027M	\$21B
Natural Resources	54	\$153M	(\$641M)	(\$1,338M)	(\$1,315M)	\$31B
Precious Metals	14	\$60M	(\$1,263M)	(\$3,572M)	(\$4,355M)	\$28B
Sustainability	30	(\$5M)	(\$184M)	(\$596M)	(\$1,192M)	\$5B
Grand Total	359	\$1,010M	\$9,657M	\$10,216M	\$12,855M	\$203B

Thematic Monthly Flows



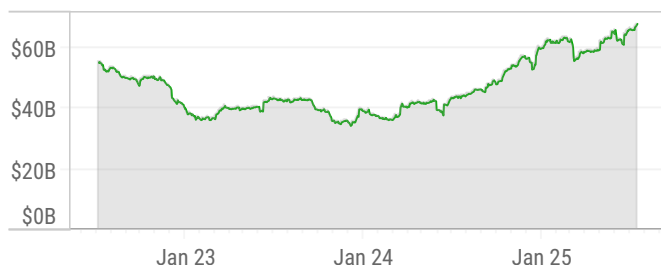
* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)

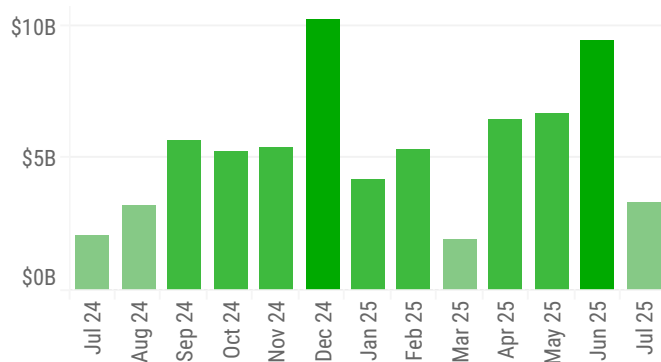


200 Day Moving Average
Closing Price
50 Day Moving Average

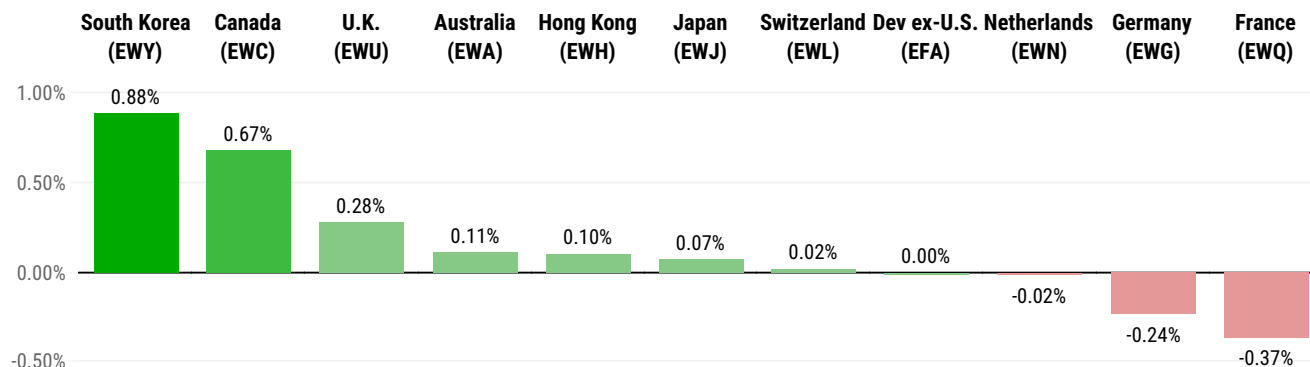
Developed ex-U.S. 12-Month Rolling Flows



Developed ex-U.S. Monthly Flows



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



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

Ticker	Fund	1-Day Performance
EWS	iShares MSCI Singapore ETF	0.95%
EWY	iShares MSCI South Korea ETF	0.88%
MKOR	Matthews Korea Active ETF	0.86%
FLKR	Franklin FTSE South Korea ETF	0.85%
EUAD	Select STOXX Europe Aerospace & Defense ETF	0.79%
FLCA	Franklin FTSE Canada ETF	0.74%
EWC	iShares MSCI Canada ETF	0.67%
BBCA	JPMorgan BetaBuilders Canada ETF	0.65%
UIVM	VictoryShares International Value Momentum ETF	0.62%
DFJ	WisdomTree Japan SmallCap Dividend Fund	0.58%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
FGD	First Trust Dow Jones Global Select Dividend Index Fund	70.60
GREK	Global X MSCI Greece ETF	69.12
EWS	iShares MSCI Singapore ETF	68.57
IDV	iShares International Select Dividend ETF	67.73
EUAD	Select STOXX Europe Aerospace & Defense ETF	67.28
SCHC	Schwab International Small-Cap Equity ETF	67.25
AVDV	Avantis International Small Cap Value ETF	66.20
FLKR	Franklin FTSE South Korea ETF	66.06
FYLD	Cambria Foreign Shareholder Yield ETF	65.74
EWY	iShares MSCI South Korea ETF	65.64

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

Ticker	Fund	1-Day Performance
EIS	iShares MSCI Israel ETF	-1.76%
IZRL	ARK Israel Innovative Technology ETF	-1.58%
ISRA	VanEck Israel ETF	-0.95%
TLTD	FlexShares Morningstar Developed Markets ex-US Facto..	-0.77%
OSEA	Harbor International Compounders ETF	-0.75%
EIRL	iShares MSCI Ireland ETF	-0.68%
EWD	iShares MSCI Sweden ETF	-0.59%
ENZL	iShares MSCI New Zealand ETF	-0.59%
EDEN	iShares MSCI Denmark ETF	-0.55%
IQDG	WisdomTree International Quality Dividend Growth Fund	-0.53%

Developed ex-U.S. Most Oversold

Ticker	Fund	Value
GSJY	Goldman Sachs ActiveBeta Japan Equity ETF	42.60
EWJ	iShares MSCI Japan ETF	43.38
JPXN	iShares JPX-Nikkei 400 ETF	44.21
BBJP	JPMorgan BetaBuilders Japan ETF	44.40
FLJP	Franklin FTSE Japan ETF	44.41
EFAD	ProShares MSCI EAFE Dividend Growers ETF	44.71
VIGI	Vanguard International Dividend Appreciation ETF	45.23
EWJV	iShares MSCI Japan Value ETF	45.94
EDEN	iShares MSCI Denmark ETF	47.07
EFAV	iShares MSCI EAFE Min Vol Factor ETF	47.12

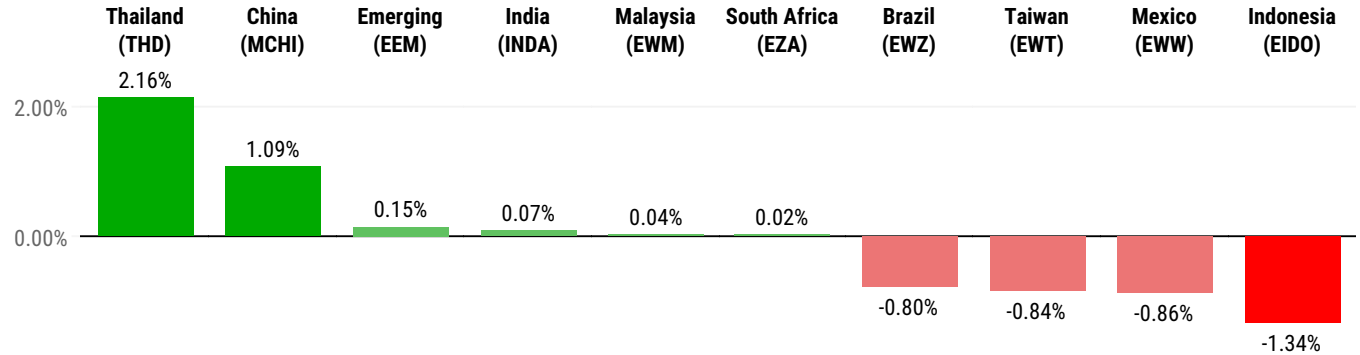
* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Emerging (EEM)



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

Emerging 1-Day Performance Top 10 Countries



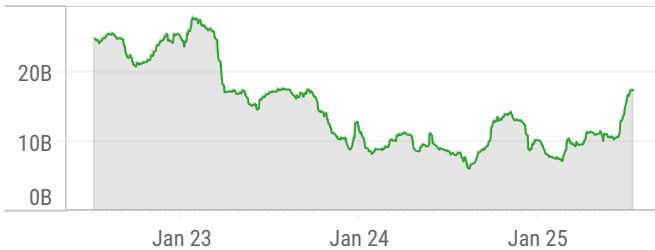
Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
ECNS	iShares MSCI China Small-Cap ETF	2.42%
THD	iShares MSCI Thailand ETF	2.16%
KGRN	KraneShares MSCI China Clean Technology Index ETF	1.45%
KURE	KraneShares MSCI All China Health Care Index ETF	1.37%
KWEB	KraneShares CSI China Internet ETF	1.24%
SMIN	iShares MSCI India Small Cap ETF	1.19%
FXI	iShares China Large-Cap ETF	1.18%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	1.09%
MCHI	iShares MSCI China ETF	1.09%
FLCH	Franklin FTSE China ETF	1.08%

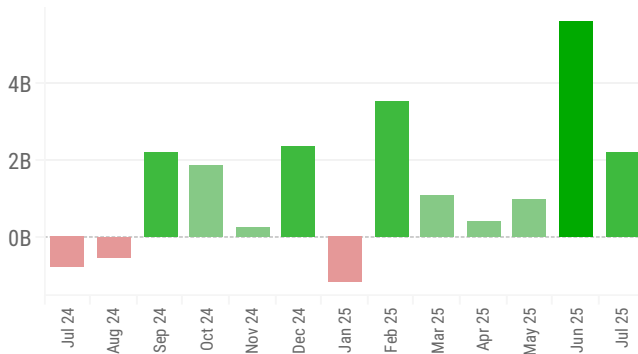
Emerging Most Overbought

Ticker	Fund	Value
VNM	VanEck Vietnam ETF	84.56
ECNS	iShares MSCI China Small-Cap ETF	79.52
KWT	iShares MSCI Kuwait ETF	73.64
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	71.26
UAE	iShares MSCI UAE ETF	70.27
AFK	VanEck Africa Index ETF	69.43
CNYA	iShares MSCI China A ETF	68.86
RAYE	Rayliant Quantamental Emerging Market ex-China E..	68.79
KGRN	KraneShares MSCI China Clean Technology Index E..	68.53
KBA	KraneShares Bosera MSCI China A 50 Connect Inde..	68.27

Emerging 12-Month Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EIDO	iShares MSCI Indonesia ETF	-1.34%
EWZS	iShares MSCI Brazil Small-Cap ETF	-1.04%
FLBR	Franklin FTSE Brazil ETF	-0.99%
ECH	iShares MSCI Chile ETF	-0.98%
EWW	iShares MSCI Mexico ETF	-0.86%
ILF	iShares Latin America 40 ETF	-0.86%
EWT	iShares MSCI Taiwan ETF	-0.84%
EWZ	iShares MSCI Brazil ETF	-0.80%
FLMX	Franklin FTSE Mexico ETF	-0.65%
KSA	iShares MSCI Saudi Arabia ETF	-0.62%

Emerging Most Oversold

Ticker	Fund	Value
ARGT	Global X MSCI Argentina ETF	32.13
FLBR	Franklin FTSE Brazil ETF	37.23
ECH	iShares MSCI Chile ETF	37.65
EWZS	iShares MSCI Brazil Small-Cap ETF	37.87
EWZ	iShares MSCI Brazil ETF	38.99
ILF	iShares Latin America 40 ETF	40.04
FLMX	Franklin FTSE Mexico ETF	42.61
EWW	iShares MSCI Mexico ETF	44.00
INCO	Columbia India Consumer ETF	45.22
INDY	iShares India 50 ETF	46.44

* 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	-0.01%	0.41%	3.16%
SHY	1-3 Year Treasury Bonds	0.01%	0.38%	2.56%
IEF	7-10 Year Treasury Bonds	-0.04%	0.31%	3.94%
TLT	20+ Year Treasury Bonds	-0.21%	-0.46%	0.15%
TIP	TIPS Bonds	0.06%	1.09%	4.46%
FLOT	Floating Rate Bonds	0.00%	0.53%	2.57%
LQD	Investment Grade Corporate	-0.03%	0.61%	3.45%
HYG	High Yield Corporate	0.07%	1.40%	4.79%
BKLN	Senior Loan	0.05%	1.23%	3.41%
PFF	Preferred & Income Securities	-0.29%	3.77%	2.40%
MUB	Municipal Bonds	-0.12%	0.22%	-1.00%
MBB	MBS	-0.16%	0.54%	3.29%
EMB	Dollar Denominated EM Bonds	0.01%	1.36%	5.84%
LEMB	Local Currency EM Bond	-0.27%	1.67%	11.45%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.55%	-1.48%	7.92%
DBE	Energy	-1.22%	-1.67%	4.74%
USO	WTI Crude Oil	-2.16%	-5.73%	0.09%
BNO	Brent Crude Oil	-1.97%	-4.77%	1.30%
UNG	Natural Gas	2.48%	-6.54%	-9.04%
UGA	Gasoline	-1.10%	-1.42%	0.22%
DBP	Precious Metals	-0.98%	-1.24%	26.08%
GLD	Gold	-0.37%	-2.62%	27.21%
SLV	Silver	-1.14%	5.03%	31.52%
PPLT	Platinum	-3.06%	10.95%	49.64%
PALL	Palladium	-1.75%	15.57%	30.64%
DBB	Base Metals	0.11%	3.62%	1.81%
CPER	Copper	-0.67%	15.15%	36.25%
DBA	Agriculture	0.43%	-4.01%	-2.67%
CORN	Corn	1.10%	-5.06%	-6.98%
SOYB	Soybeans	-0.05%	-3.77%	-0.14%
WEAT	Wheat	-0.22%	-2.81%	-6.85%
CANE	Sugar	-0.68%	0.18%	-4.11%

Currencies Performance

Tick.	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.26%	0.44%	-7.24%
UDN	Short Dollar	-0.21%	0.05%	11.73%
FXE	Euro	-0.15%	1.07%	13.37%
FXB	British Pound Sterling	-0.52%	-0.89%	8.76%
FXF	Swiss Franc	-0.16%	1.55%	13.50%
FXJ	Japanese Yen	-0.22%	-2.66%	6.31%
FXC	Canadian Dollar	-0.13%	-0.89%	5.31%
FXA	Australian Dollar	-0.49%	0.81%	6.51%

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