

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

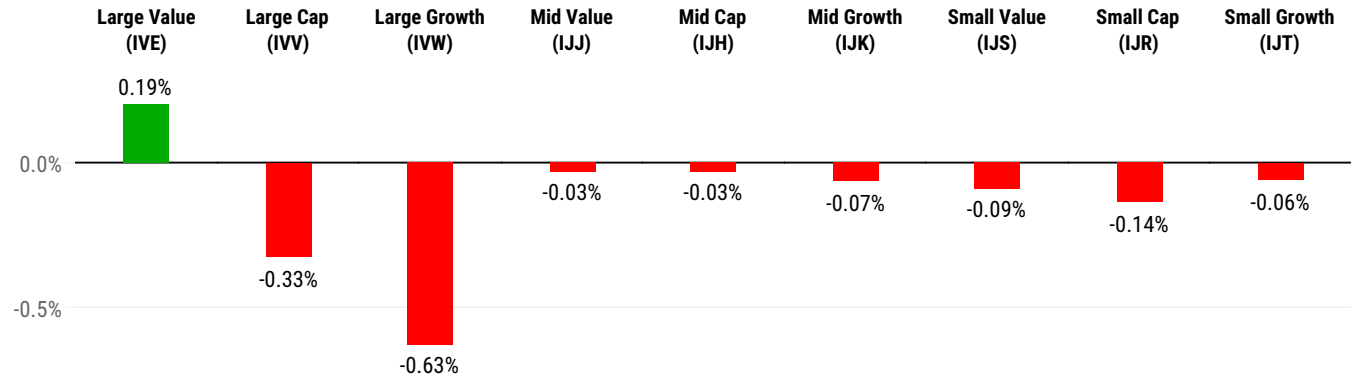


Small Cap Blend (S&P 600) IJR



■ 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
FFTY	Innovator IBD 50 ETF	0.98%
MVPA	Miller Value Partners Appreciation ETF	0.94%
XMVM	Invesco S&P MidCap Value with Momentum ETF	0.76%
PWV	Invesco Large Cap Value ETF	0.58%
PKW	Invesco Buyback Achievers ETF	0.53%
SPVM	Invesco S&P 500 Value with Momentum ETF	0.52%
DDIV	First Trust Dorsey Wright Momentum & Dividend ETF	0.49%
SPVU	Invesco S&P 500 Enhanced Value ETF	0.48%
DVAL	BrandywineGLOBAL - Dynamic US Large Cap Value ETF	0.48%
TMFS	Motley Fool Small-Cap Growth ETF	0.47%

Size & Style Most Overbought

Ticker	Fund	Value
BUZZ	VanEck Social Sentiment ETF	66.00
KEAT	Keating Active ETF	65.02
CGDV	Capital Group Dividend Value ETF	63.45
FFTY	Innovator IBD 50 ETF	63.30
ADPV	Adaptiv Select ETF	63.02
SPHB	Invesco S&P 500 High Beta ETF	62.33
GRNY	Fundstrat Granny Shots US Large Cap ETF	62.21
SFLO	VictoryShares Small Cap Free Cash Flow ETF	61.68
FDM	First Trust Dow Jones Select MicroCap Index Fund	61.67
CPAI	Counterpoint Quantitative Equity ETF	61.64

Size & Style 1-Day Performance Laggards

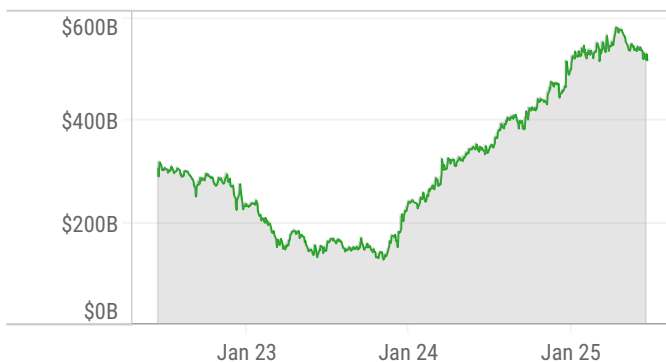
Ticker	Fund	1-Day Performance
IPO	Renaissance IPO ETF	-1.27%
COWG	Pacer US Large Cap Cash Cows Growth Leaders ETF	-0.98%
RVER	Trenchless Fund ETF	-0.94%
CARK	CastleArk Large Growth ETF	-0.91%
MFSG	MFS Active Growth ETF	-0.91%
FFOG	Franklin Focused Growth ETF FOCUSED GROWTH ETF	-0.88%
LSGR	Natixis Loomis Sayles Focused Growth ETF	-0.85%
FLCG	Federated Hermes MDT Large Cap Growth ETF	-0.85%
SPUS	SP Funds S&P 500 Sharia Industry Exclusions ETF	-0.84%
GFLW	VictoryShares Free Cash Flow Growth ETF	-0.72%

Size & Style Most Oversold

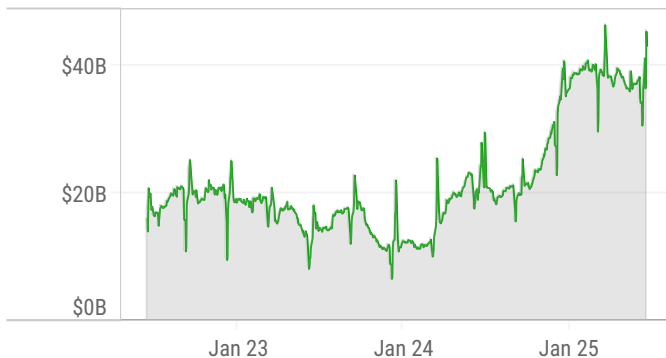
Ticker	Fund	Value
JGRW	Jensen Quality Growth ETF	40.90
OUSA	ALPS O'Shares U.S. Quality Dividend ETF	40.98
FTCS	First Trust Capital Strength ETF	41.47
SXQG	ETC 6 Meridian Quality Growth ETF	41.55
HUSV	First Trust Horizon Managed Volatility Domestic ETF	42.19
USMV	iShares MSCI USA Min Vol Factor ETF	42.25
BAMD	Brookstone Dividend Stock ETF	42.30
SPLV	Invesco S&P 500 Low Volatility ETF	42.74
SMDV	ProShares Russell 2000 Dividend Growers ETF	43.68
FVD	First Trust Value Line Dividend Index Fund	44.09

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

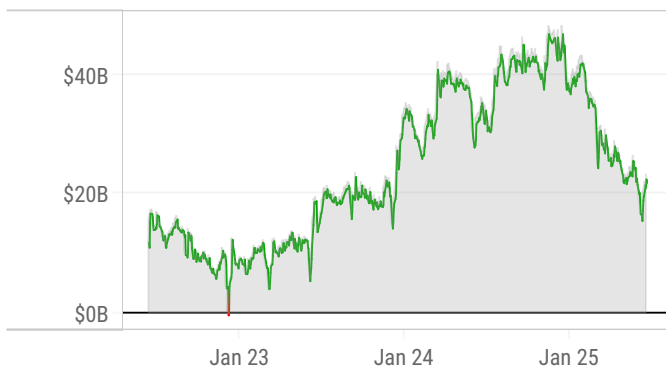
Large-Cap 12-Month Rolling Flows



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	293	\$9.59B	\$22.87B	\$110.20B	\$361.21B	\$3,317B
Equity: U.S. Large Cap - Growth	133	\$3.41B	\$31.56B	\$59.58B	\$99.17B	\$1,016B
Equity: U.S. Large Cap - Value	181	\$3.77B	(\$3.77B)	\$32.93B	\$69.99B	\$782B
Equity: U.S. Mid Cap - Blend	64	\$3.19B	\$4.91B	\$17.10B	\$31.93B	\$327B
Equity: U.S. Mid Cap - Growth	23	(\$0.43B)	(\$0.86B)	\$0.82B	\$1.82B	\$54B
Equity: U.S. Mid Cap - Value	21	(\$0.17B)	(\$0.70B)	\$1.34B	\$4.35B	\$69B
Equity: U.S. Small Cap - Blend	59	(\$0.25B)	(\$7.01B)	(\$7.58B)	\$16.36B	\$282B
Equity: U.S. Small Cap - Growth	17	\$0.09B	(\$1.10B)	(\$1.59B)	\$0.72B	\$45B
Equity: U.S. Small Cap - Value	33	\$0.61B	(\$1.14B)	(\$2.45B)	\$1.83B	\$86B

U.S. Size & Style Flow Leaders

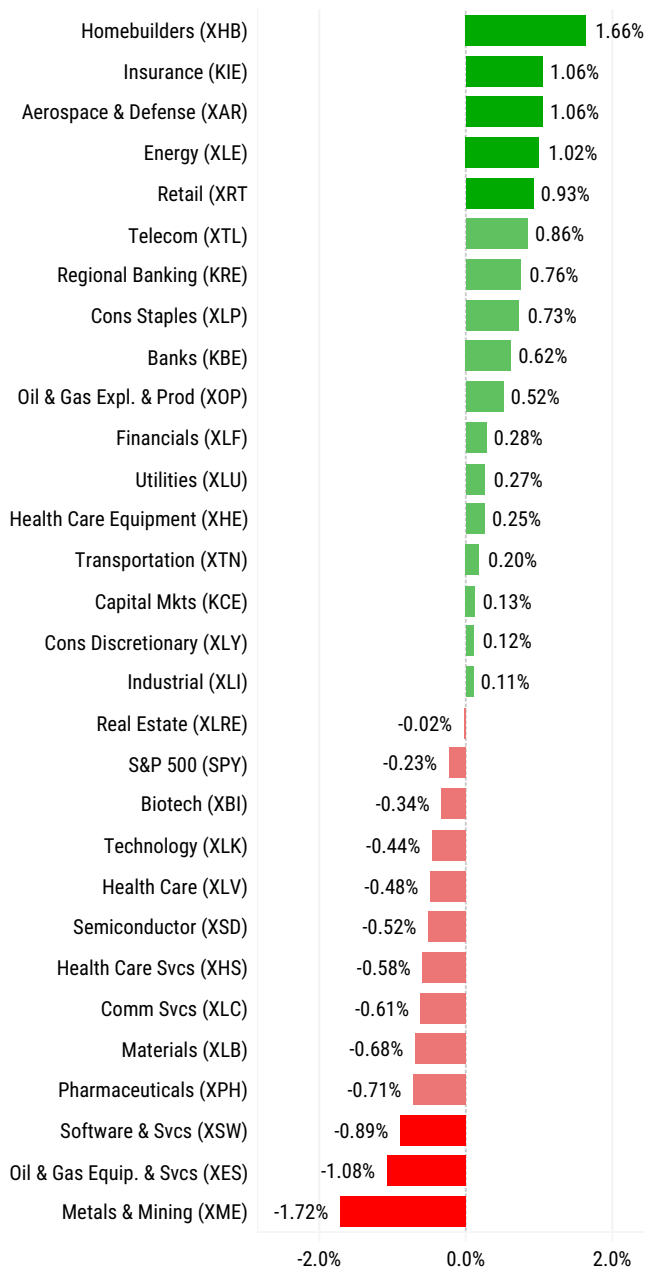
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	\$4.61B	(\$23.25B)	(\$26.84B)	\$36.83B	\$574.93B
SPHQ	Invesco S&P 500 Quality ETF	\$3.69B	\$5.11B	\$5.03B	\$3.37B	\$17.28B
VO	Vanguard Mid-Cap ETF	\$2.48B	\$4.61B	\$9.70B	\$11.23B	\$84.35B
VTI	Vanguard Total Stock Market ETF	\$1.88B	\$10.19B	\$20.13B	\$32.22B	\$483.46B
VOO	Vanguard S&P 500 ETF	\$1.58B	\$25.18B	\$95.43B	\$152.40B	\$681.95B
MOAT	VanEck Morningstar Wide Moat ETF	\$1.21B	(\$1.99B)	(\$1.11B)	(\$3.73B)	\$13.71B
VUG	Vanguard Growth ETF	\$1.11B	\$5.64B	\$10.41B	\$12.02B	\$169.62B
VFLO	VictoryShares Free Cash Flow ETF	\$0.85B	\$1.07B	\$3.30B	\$4.38B	\$5.01B
DGRO	iShares Core Dividend Growth ETF	\$0.68B	\$0.10B	\$1.38B	\$2.41B	\$31.78B
VBR	Vanguard Small Cap Value ETF	\$0.62B	\$0.16B	\$0.01B	\$0.61B	\$29.69B

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	(\$1.06B)	\$0.31B	(\$1.61B)	\$1.96B	\$36.69B
SPLG	SPDR Portfolio S&P 500 ETF	(\$0.65B)	\$8.47B	\$14.84B	\$25.71B	\$70.02B
VB	Vanguard Small-Cap ETF	(\$0.59B)	\$0.78B	\$2.16B	\$4.75B	\$62.80B
VOT	Vanguard Mid-Cap Growth ETF	(\$0.54B)	\$0.10B	\$1.11B	\$1.13B	\$17.31B
VOE	Vanguard Mid-Cap Value ETF	(\$0.35B)	(\$0.05B)	\$0.74B	\$0.51B	\$18.09B
SCHX	Schwab U.S. Large-Cap ETF	(\$0.29B)	\$0.49B	\$1.45B	\$6.42B	\$54.12B
IWB	iShares Russell 1000 ETF	(\$0.20B)	\$0.49B	(\$1.80B)	(\$0.17B)	\$39.95B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.16B)	(\$3.11B)	(\$2.17B)	\$12.36B	\$70.38B
IJR	iShares Core S&P Small Cap ETF	(\$0.15B)	(\$2.76B)	(\$3.62B)	\$0.39B	\$76.87B
COWZ	Pacer US Cash Cows 100 ETF	(\$0.09B)	(\$2.75B)	(\$3.37B)	(\$5.44B)	\$20.58B

* 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)
XLK	Technology Select Sector SPDR Fund	-1.03%	33.83%	7.66%	6.23%	62.63
XLI	Industrial Select Sector SPDR Fund	-1.77%	22.29%	3.54%	4.64%	53.90
XLC	Communication Services Select Sector SPDR Fund	-2.35%	25.17%	4.05%	5.86%	55.21
XLU	Utilities Select Sector SPDR Fund	-2.59%	18.05%	0.82%	2.23%	49.96
SPY	SPDR S&P 500 ETF Trust	-3.04%	19.70%	3.50%	2.20%	53.80
XLF	Financial Select Sector SPDR Fund	-3.51%	23.31%	1.29%	2.71%	49.27
XLP	Consumer Staples Select Sector SPDR Fund	-3.85%	6.28%	-0.53%	0.24%	46.92
XLRE	Real Estate Select Sector SPDR Fund	-7.78%	12.81%	1.31%	-0.77%	53.46
XLE	Energy Select Sector SPDR Fund	-8.52%	16.41%	7.01%	0.92%	68.11
XLB	Materials Select Sector SPDR Fund	-11.48%	16.36%	1.42%	-2.49%	47.46
XLY	Consumer Discretionary Select Sector SPDR Fund	-12.01%	23.89%	2.42%	-0.21%	49.08
XLV	Health Care Select Sector SPDR Fund	-15.67%	2.97%	-1.40%	-7.27%	43.65

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
KIE	SPDR S&P Insurance ETF	1.06%
XAR	SPDR S&P Aerospace & Defense ETF	1.06%
DRLL	Strive U.S. Energy ETF	1.03%
XLE	Energy Select Sector SPDR Fund	1.02%
IAT	iShares U.S. Regional Banks ETF	0.97%
XRT	SPDR S&P Retail ETF	0.93%
ITA	iShares U.S. Aerospace & Defense ETF	0.93%
PBJ	Invesco Food & Beverage ETF	0.92%
MISL	First Trust Indxx Aerospace & Defense ETF	0.91%
IYE	iShares U.S. Energy ETF	0.90%

Sector & Industry Most Overbought

Ticker	Fund	Value
PXE	Invesco Energy Exploration & Production ETF	71.52
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	71.22
FCG	First Trust Natural Gas ETF	70.95
DRLL	Strive U.S. Energy ETF	70.22
VDE	Vanguard Energy ETF	69.06
XLE	Energy Select Sector SPDR Fund	68.11
XAR	SPDR S&P Aerospace & Defense ETF	66.48
FENY	Fidelity MSCI Energy Index ETF	66.36
MISL	First Trust Indxx Aerospace & Defense ETF	66.35
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	66.27

Sector & Industry 1 Day Performance Laggards

Ticker	Fund	1 Day Performance
FCOM	Fidelity MSCI Communication Services Index ETF	-1.20%
VOX	Vanguard Communication Services ETF	-1.18%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-1.08%
IYM	iShares U.S. Basic Materials ETF	-0.92%
PSCE	Invesco S&P SmallCap Energy ETF	-0.89%
IHE	iShares U.S. Pharmaceuticals ETF	-0.81%
PTH	Invesco Dorsey Wright Healthcare Momentum ETF	-0.76%
VAW	Vanguard Materials ETF	-0.75%
PINK	Simplify Health Care ETF	-0.73%
RSPM	Invesco S&P 500 Equal Weight Materials ETF	-0.71%

Sector & Industry Most Oversold

Ticker	Fund	Value
PSCH	Invesco S&P SmallCap Health Care ETF	39.35
FSTA	Fidelity MSCI Consumer Staples Index ETF	40.95
IHI	iShares U.S. Medical Devices ETF	42.30
XHE	SPDR S&P Health Care Equipment ETF	42.73
IYH	iShares U.S. Healthcare ETF	43.13
FHLC	Fidelity MSCI Health Care Index ETF	43.31
XLV	Health Care Select Sector SPDR Fund	43.65
IHE	iShares U.S. Pharmaceuticals ETF	43.90
REM	iShares Mortgage Real Estate ETF	44.37
FBT	First Trust NYSE Arca Biotechnology Index Fund	44.79

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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	\$84M	\$1,453M	\$2,222M	\$441M	\$30B
Sector: Consumer Discretionary	10	\$404M	(\$1,302M)	(\$1,105M)	(\$1,284M)	\$32B
Sector: Consumer Staples	10	(\$185M)	(\$100M)	\$110M	\$394M	\$27B
Sector: Energy	19	\$349M	(\$3,012M)	(\$6,540M)	(\$10,714M)	\$44B
Sector: Financials	31	(\$94M)	(\$6,080M)	(\$3,547M)	\$7,612M	\$86B
Sector: Health Care	22	(\$73M)	(\$3,251M)	(\$5,046M)	(\$8,810M)	\$74B
Sector: Industrial	19	\$166M	(\$107M)	(\$1,179M)	\$7M	\$50B
Sector: Materials	8	\$106M	(\$370M)	(\$786M)	(\$544M)	\$9B
Sector: Real Estate	32	\$15M	\$593M	(\$109M)	\$3,227M	\$66B
Sector: Technology	24	\$389M	\$681M	\$3,329M	\$1,849M	\$246B
Sector: Utilities	9	(\$76M)	\$1,781M	\$2,484M	\$4,920M	\$31B

U.S. Sector & Industry Flow Leaders

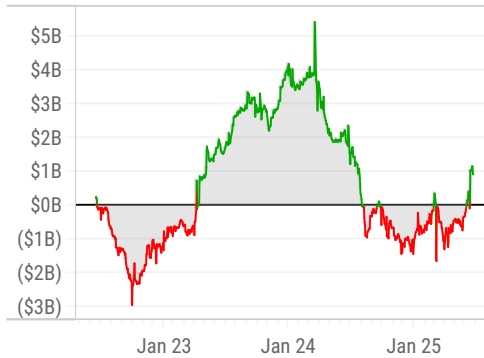
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XAR	SPDR S&P Aerospace & Defense ETF	\$464M	\$327M	\$630M	\$545M	\$3,755M
XLE	Energy Select Sector SPDR Fund	\$255M	(\$2,534M)	(\$5,606M)	(\$7,344M)	\$28,940M
XRT	SPDR S&P Retail ETF	\$229M	(\$6M)	(\$3M)	(\$60M)	\$381M
XBI	SPDR S&P BIOTECH ETF	\$223M	(\$564M)	(\$1,163M)	(\$1,208M)	\$4,742M
XLY	Consumer Discretionary Select Sector SPDR Fund	\$179M	\$107M	\$539M	(\$265M)	\$21,628M
RSPT	Invesco S&P 500 Equal Weight Technology ETF	\$160M	\$100M	\$20M	(\$1,030M)	\$3,594M
SOXX	iShares Semiconductor ETF	\$126M	(\$53M)	(\$1,619M)	(\$1,145M)	\$12,868M
XLK	Technology Select Sector SPDR Fund	\$121M	\$408M	\$645M	(\$7,666M)	\$75,891M
XLB	Materials Select Sector SPDR Fund	\$106M	(\$210M)	(\$458M)	\$50M	\$5,160M
KBWB	Invesco KBW Bank ETF	\$101M	\$30M	\$1,351M	\$2,159M	\$4,045M

U.S. Sector & Industry Flow Laggards

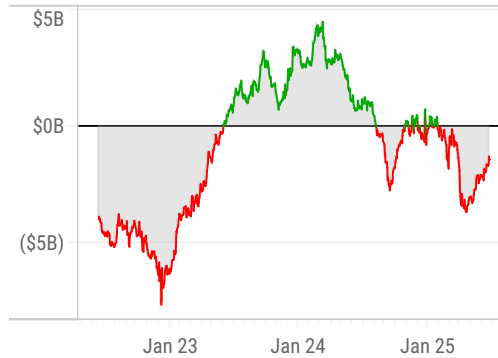
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLI	Industrial Select Sector SPDR Fund	(\$427M)	(\$842M)	(\$1,595M)	(\$607M)	\$20,428M
XLV	Health Care Select Sector SPDR Fund	(\$240M)	(\$1,433M)	(\$1,511M)	(\$1,994M)	\$33,832M
XLF	Financial Select Sector SPDR Fund	(\$181M)	(\$4,353M)	(\$2,157M)	\$1,486M	\$47,938M
XLP	Consumer Staples Select Sector SPDR Fund	(\$181M)	(\$443M)	(\$483M)	(\$248M)	\$16,015M
XLU	Utilities Select Sector SPDR Fund	(\$120M)	\$203M	\$738M	\$2,147M	\$18,342M
IGV	iShares Expanded Tech-Software Sector ETF	(\$58M)	(\$42M)	\$1,593M	\$3,429M	\$11,885M
IBB	iShares Biotechnology ETF	(\$56M)	(\$478M)	(\$862M)	(\$1,637M)	\$5,289M
KIE	SPDR S&P Insurance ETF	(\$41M)	(\$82M)	(\$93M)	\$18M	\$865M
VFH	Vanguard Financials ETF	(\$27M)	(\$252M)	\$197M	\$864M	\$11,967M
IYT	iShares US Transportation ETF	(\$20M)	\$30M	(\$83M)	(\$85M)	\$640M

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Communication Services



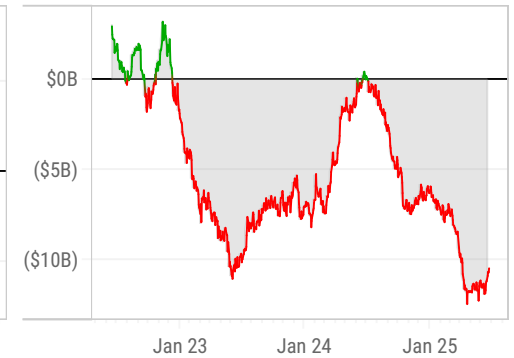
Consumer Discretionary



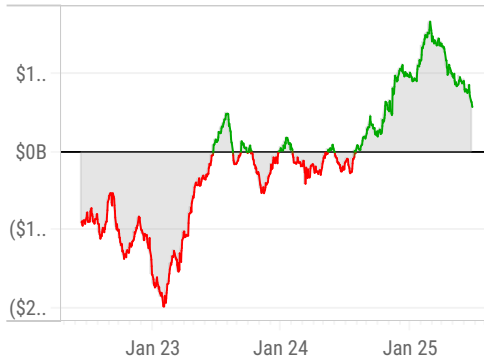
Consumer Staples



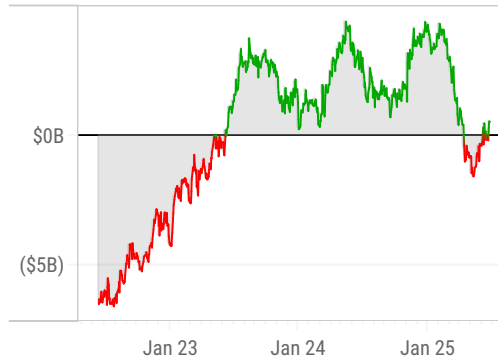
Energy



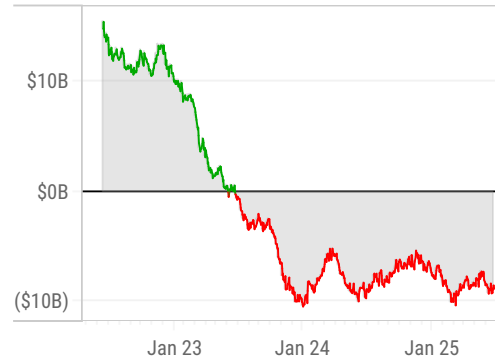
Financials



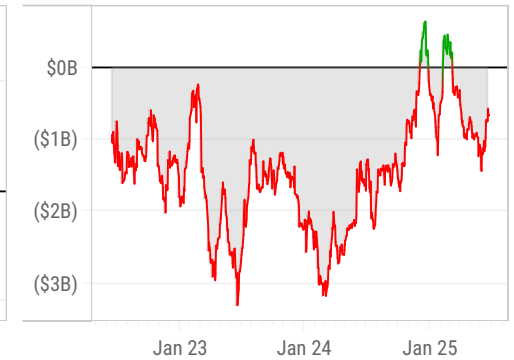
Industrial



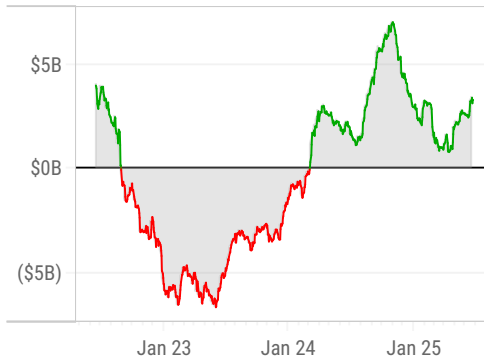
Health Care



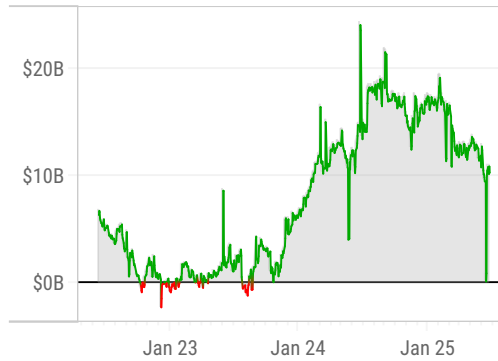
Materials



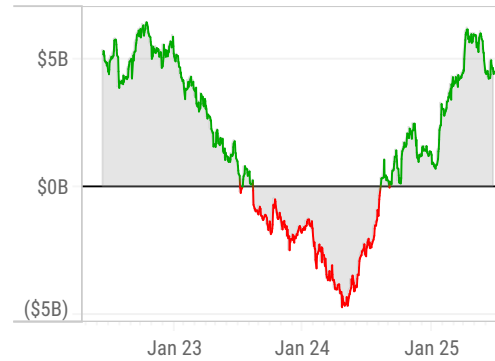
Real Estate



Technology

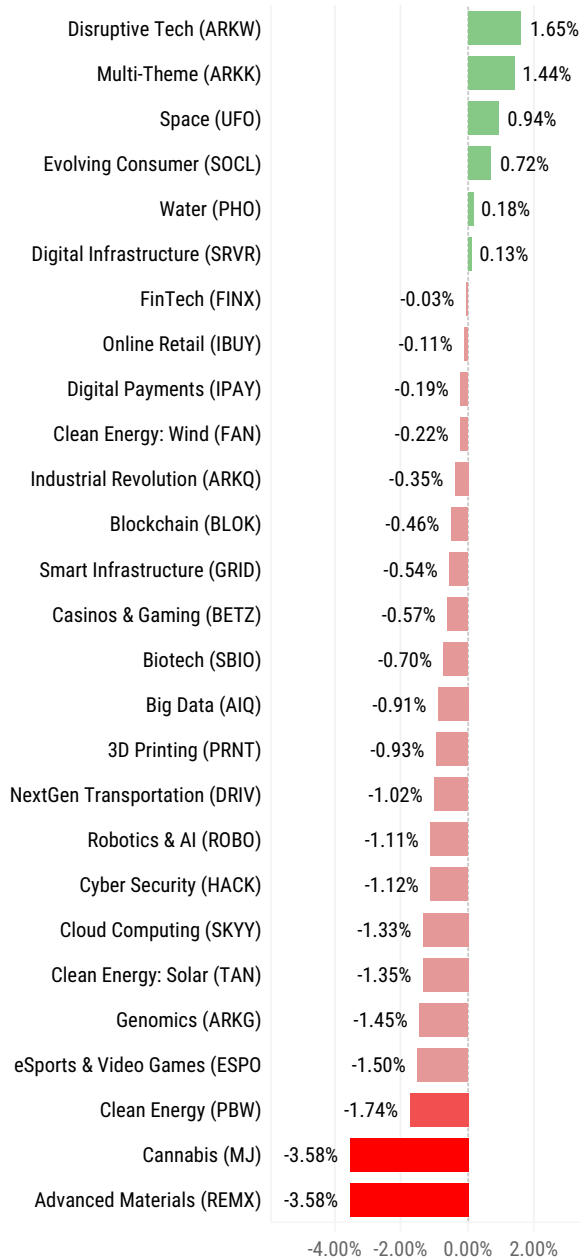


Utilities

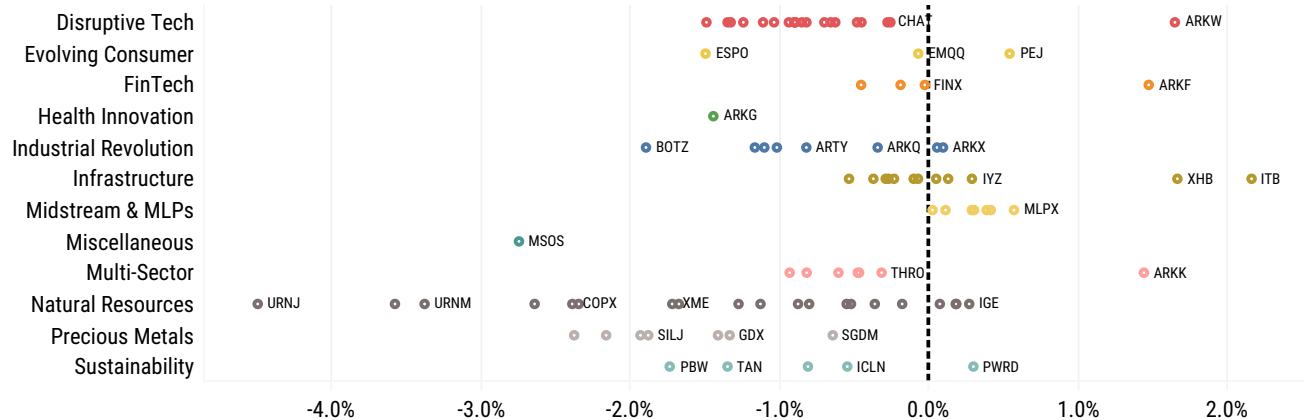


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
ITB	iShares U.S. Home Construction ETF	2.16%
XHB	SPDR S&P Homebuilders ETF	1.66%
ARKW	ARK Next Generation Internet ETF	1.65%
ARKF	ARK Fintech Innovation ETF	1.47%
ARKK	ARK Innovation ETF	1.44%
UFO	Procure Space ETF	0.94%
XTL	SPDR S&P Telecom ETF	0.86%
OARK	YieldMax Innovation Option Income Strategy ETF	0.83%
SOCL	Global X Social Media ETF	0.72%
PAWZ	ProShares Pet Care ETF	0.71%

Thematic Most Overbought

Ticker	Fund	Price
ARKW	ARK Next Generation Internet ETF	77.02
ARKF	ARK Fintech Innovation ETF	76.21
ARKK	ARK Innovation ETF	73.54
SOCL	Global X Social Media ETF	72.64
CHAT	Roundhill Generative AI & Technology ETF	70.49
TRFK	Pacer Data and Digital Revolution ETF	70.44
URA	Global X Uranium ETF	70.25
NANR	SPDR S&P North American Natural Resources ETF	68.98
UFO	Procure Space ETF	68.76
NLR	VanEck Uranium and Nuclear ETF	68.55

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
URNJ	Sprott Junior Uranium Miners ETF	-4.50%
CNBS	Amplify Seymour Cannabis ETF	-3.73%
REMX	VanEck Rare Earth and Strategic Metals ETF	-3.58%
MJ	Amplify Alternative Harvest ETF	-3.58%
SLVR	Sprott Silver Miners & Physical Silver ETF	-3.43%
URNM	Sprott Uranium Miners ETF	-3.39%
CANC	Tema Oncology ETF	-2.79%
MSOS	AdvisorShares Pure US Cannabis ETF	-2.75%
ICOP	iShares Copper and Metals Mining ETF	-2.69%
URA	Global X Uranium ETF	-2.65%

Thematic Most Oversold

Ticker	Fund	Price
MJ	Amplify Alternative Harvest ETF	26.49
CNBS	Amplify Seymour Cannabis ETF	29.95
MSOS	AdvisorShares Pure US Cannabis ETF	32.35
PICK	iShares MSCI Global Metals & Mining Producers ETF	35.05
GDXY	YieldMax Gold Miners Option Income Strategy ETF	37.47
LIT	Global X Lithium & Battery Tech ETF	39.47
SDG	iShares MSCI Global Sustainable Development Goals E..	39.62
IDRV	iShares Self-driving EV & Tech ETF	40.00
WOOD	iShares Global Timber & Forestry ETF	41.29
GRW	TCW Compounders ETF	41.64

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Thematic 1 Week Flow Leaders

Ticker	Fund	
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$384M
SHLD	Global X Defense Tech ETF	\$194M
IGF	iShares Global Infrastructure ETF	\$192M
IFRA	iShares U.S. Infrastructure ETF	\$146M
QTUM	Defiance Quantum ETF	\$124M

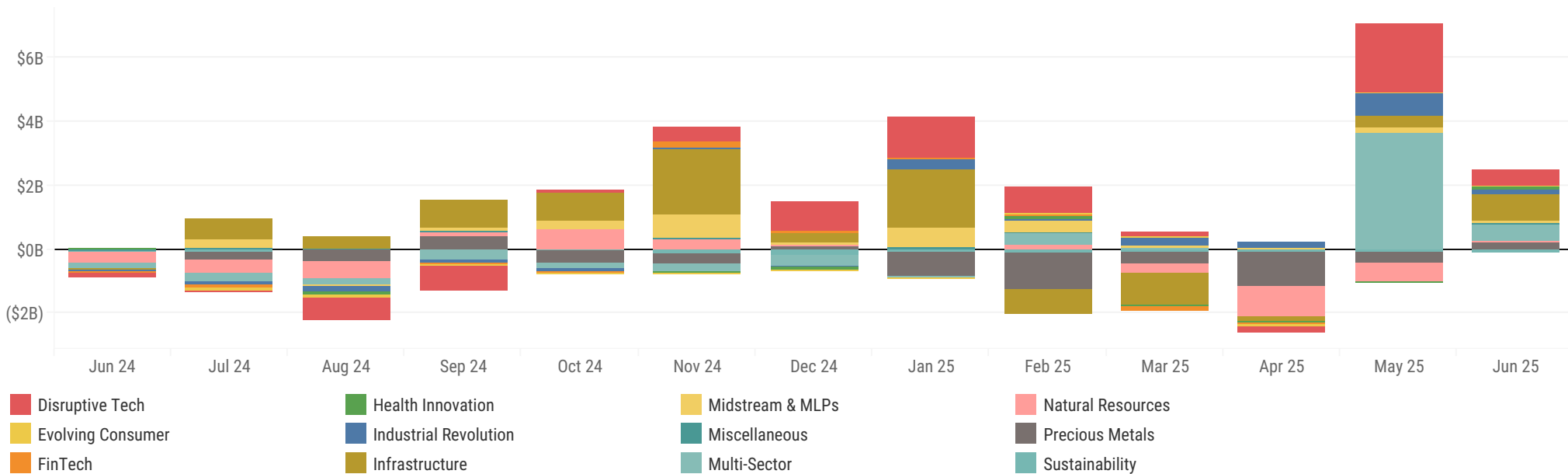
Thematic 1 Week Flow Laggards

Ticker	Fund	
FDN	First Trust Dow Jones Internet Index Fund	(\$77M)
GDV	VanEck Gold Miners ETF	(\$73M)
ARKK	ARK Innovation ETF	(\$53M)
ITB	iShares U.S. Home Construction ETF	(\$49M)
GUNR	FlexShares Morningstar Global Upstream Natural Resources In..	(\$31M)

Thematic Landscape Assets & Flows

Segment	Funds	1 Week	3 Month	6 Month	1 Year	AUM
Disruptive Tech	58	\$173M	\$2,569M	\$4,972M	\$4,613M	\$41B
Evolving Consumer	35	\$6M	(\$67M)	\$22M	(\$273M)	\$2B
FinTech	24	\$12M	(\$10M)	(\$77M)	(\$14M)	\$4B
Health Innovation	26	\$80M	(\$22M)	(\$23M)	(\$239M)	\$2B
Industrial Revolution	27	\$183M	\$1,025M	\$1,605M	\$1,078M	\$10B
Infrastructure	37	\$388M	\$1,007M	\$986M	\$6,122M	\$33B
Midstream & MLPs	14	\$45M	\$335M	\$1,363M	\$2,750M	\$20B
Miscellaneous	3	\$0M	(\$8M)	\$68M	\$70M	\$0B
Multi-Sector	33	\$526M	\$4,014M	\$4,469M	\$2,881M	\$20B
Natural Resources	54	\$138M	(\$1,643M)	(\$1,845M)	(\$1,707M)	\$30B
Precious Metals	14	(\$30M)	(\$1,540M)	(\$3,331M)	(\$4,131M)	\$28B
Sustainability	30	(\$10M)	(\$355M)	(\$690M)	(\$1,402M)	\$4B
Grand Total	355	\$1,512M	\$5,306M	\$7,521M	\$9,748M	\$195B

Thematic Monthly Flows



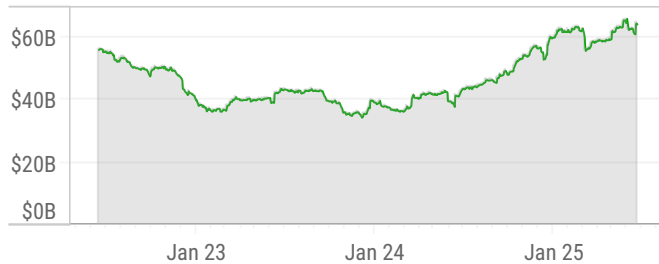
* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)

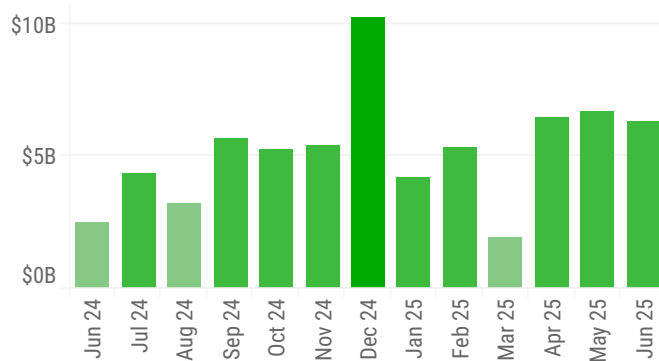


200 Day Moving Average
Closing Price
50 Day Moving Average

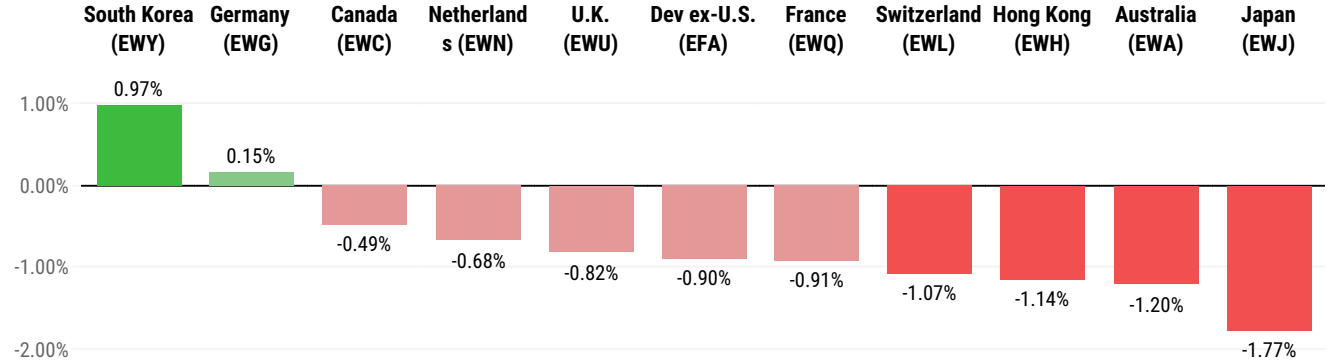
Developed ex-U.S. 12-Month Rolling Flows



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	Performance
MKOR	Matthews Korea Active ETF	1.27%
FLKR	Franklin FTSE South Korea ETF	1.02%
EWY	iShares MSCI South Korea ETF	0.97%
EUAD	Select STOXX Europe Aerospace & Defense ETF	0.95%
DAX	Global X DAX Germany ETF	0.28%
GREK	Global X MSCI Greece ETF	0.24%
EIS	iShares MSCI Israel ETF	0.19%
EWG	iShares MSCI Germany ETF	0.15%
EIRL	iShares MSCI Ireland ETF	0.09%
IZRL	ARK Israel Innovative Technology ETF	0.08%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
MKOR	Matthews Korea Active ETF	72.16
EWY	iShares MSCI South Korea ETF	71.35
FLKR	Franklin FTSE South Korea ETF	69.62
EIS	iShares MSCI Israel ETF	63.64
IZRL	ARK Israel Innovative Technology ETF	63.09
FGD	First Trust Dow Jones Global Select Dividend Index Fund	62.88
NORW	Global X MSCI Norway ETF	61.64
FDT	First Trust Developed Markets ex-US AlphaDEX Fund	61.17
IMOM	Alpha Architect International Quantitative Momentum ETF	61.02
PDN	Invesco RAFI Developed Markets ex-U.S. Small-Mid ETF	61.02

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

Ticker	Fund	Performance
FJP	First Trust Japan AlphaDEX Fund	-2.22%
EWJ	iShares MSCI Japan ETF	-1.77%
FLJP	Franklin FTSE Japan ETF	-1.76%
GSJY	Goldman Sachs ActiveBeta Japan Equity ETF	-1.75%
BBJP	JPMorgan BetaBuilders Japan ETF	-1.74%
JPXN	iShares JPX-Nikkei 400 ETF	-1.73%
NORW	Global X MSCI Norway ETF	-1.61%
IPAC	iShares Core MSCI Pacific ETF	-1.52%
EWJV	iShares MSCI Japan Value ETF	-1.31%
FIVA	Fidelity International Value Factor ETF	-1.27%

Developed ex-U.S. Most Oversold

Ticker	Fund	Value
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	28.83
DBEZ	Xtrackers MSCI Eurozone Hedged Equity ETF	28.93
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	31.82
FLSW	Franklin FTSE Switzerland ETF	31.84
EWL	iShares MSCI Switzerland ETF	34.30
EWD	iShares MSCI Sweden ETF	35.46
FIDI	Fidelity International High Dividend ETF	36.07
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	37.31
EWQ	iShares MSCI France ETF	37.32
FICS	First Trust International Developed Capital Strengt..	37.84

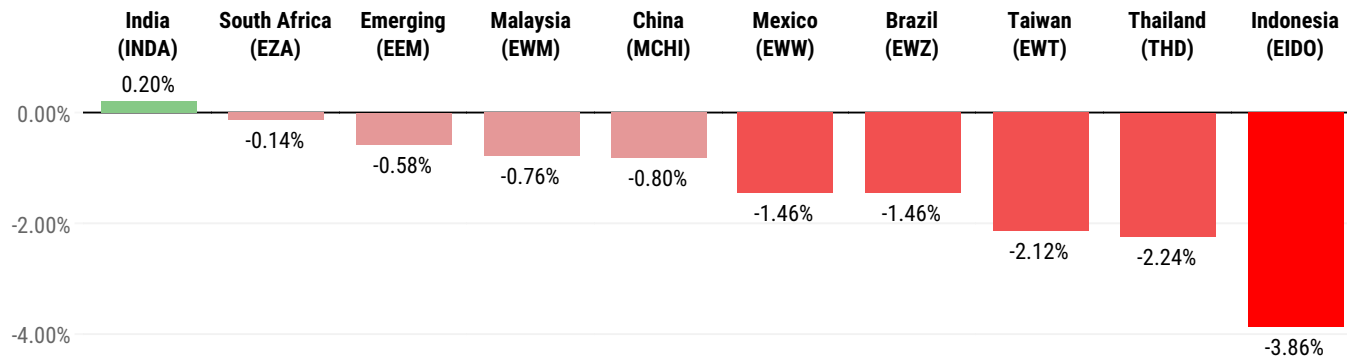
* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

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
UAE	iShares MSCI UAE ETF	1.59%
EPOL	iShares MSCI Poland ETF	1.23%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	0.78%
INDY	iShares India 50 ETF	0.55%
KSA	iShares MSCI Saudi Arabia ETF	0.55%
INCO	Columbia India Consumer ETF	0.51%
NUEM	Nuveen ESG Emerging Markets Equity ETF	0.25%
FLIN	Franklin FTSE India ETF	0.22%
INDA	iShares MSCI India ETF	0.20%
KBA	KraneShares Bosera MSCI China A 50 Connect Index E..	0.17%

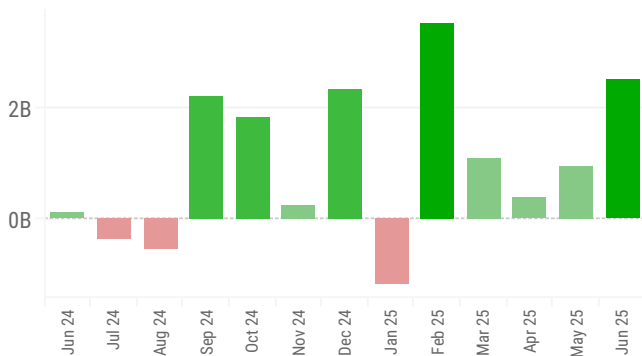
Emerging Most Overbought

Ticker	Fund	Value
RAYE	Rayliant Quantamental Emerging Market ex-China E..	69.20
NUEM	Nuveen ESG Emerging Markets Equity ETF	61.10
AFK	VanEck Africa Index ETF	57.69
XCEM	Columbia EM Core ex-China ETF	57.42
STXE	Strive Emerging Markets Ex-China ETF	57.04
PIE	Invesco Dorsey Wright Emerging Markets Momentu..	56.12
AVEM	Avantis Emerging Markets Equity ETF	56.09
JEMA	JPMorgan ActiveBuilders Emerging Markets Equity ..	56.07
KEMX	KraneShares MSCI Emerging Markets EX China Inde..	55.67
AVXC	Avantis Emerging Markets ex-China Equity ETF	55.46

Emerging 12-Month Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EIDO	iShares MSCI Indonesia ETF	-3.86%
CHIQ	Global X MSCI China Consumer Discretionary ETF	-2.37%
EWZS	iShares MSCI Brazil Small-Cap ETF	-2.36%
THD	iShares MSCI Thailand ETF	-2.24%
EWT	iShares MSCI Taiwan ETF	-2.12%
FLTW	Franklin FTSE Taiwan ETF	-2.04%
ECNS	iShares MSCI China Small-Cap ETF	-2.02%
KWEB	KraneShares CSI China Internet ETF	-1.91%
FLBR	Franklin FTSE Brazil ETF	-1.79%
EWX	SPDR S&P Emerging Markets Small Cap ETF	-1.77%

Emerging Most Oversold

Ticker	Fund	Value
THD	iShares MSCI Thailand ETF	20.03
QAT	iShares MSCI Qatar ETF	25.47
KSA	iShares MSCI Saudi Arabia ETF	29.02
EIDO	iShares MSCI Indonesia ETF	29.72
ECH	iShares MSCI Chile ETF	31.88
UAE	iShares MSCI UAE ETF	32.68
EWM	iShares MSCI Malaysia ETF	34.62
KWT	iShares MSCI Kuwait ETF	35.86
TUR	iShares MSCI Turkey ETF	36.13
EPHE	iShares MSCI Philippines ETF	36.28

* 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	0.09%	1.11%	3.02%
SHY	1-3 Year Treasury Bonds	0.07%	0.45%	2.33%
IEF	7-10 Year Treasury Bonds	0.06%	1.19%	3.96%
TLT	20+ Year Treasury Bonds	-0.18%	1.62%	0.80%
TIP	TIPS Bonds	0.17%	0.77%	3.99%
FLOT	Floating Rate Bonds	0.08%	0.51%	2.15%
LQD	Investment Grade Corporate	0.08%	1.58%	3.15%
HYG	High Yield Corporate	0.31%	1.06%	3.92%
BKLN	Senior Loan	0.05%	0.48%	2.30%
PFF	Preferred & Income Securities	0.15%	0.04%	-0.85%
MUB	Municipal Bonds	-0.01%	0.05%	-1.14%
MBB	MBS	0.08%	1.18%	3.04%
EMB	Dollar Denominated EM Bonds	0.13%	1.31%	4.68%
LEMB	Local Currency EM Bond	0.03%	1.67%	9.67%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.34%	5.46%	11.59%
DBE	Energy	0.73%	14.79%	11.32%
USO	WTI Crude Oil	1.03%	21.06%	10.02%
BNO	Brent Crude Oil	1.16%	19.01%	10.58%
UNG	Natural Gas	-2.32%	3.94%	5.06%
UGA	Gasoline	1.44%	10.61%	6.80%
DBP	Precious Metals	-0.50%	3.21%	25.38%
GLD	Gold	-0.04%	2.16%	28.08%
SLV	Silver	-1.65%	8.60%	24.27%
PPLT	Platinum	-4.29%	19.60%	38.92%
PALL	Palladium	0.44%	3.15%	14.82%
DBB	Base Metals	0.35%	0.98%	0.21%
CPER	Copper	-0.20%	3.59%	20.39%
DBA	Agriculture	-1.38%	-4.48%	-0.68%
CORN	Corn	-0.33%	-0.86%	-2.29%
SOYB	Soybeans	-0.44%	2.15%	4.24%
WEAT	Wheat	-0.83%	4.12%	-0.41%
CANE	Sugar	0.73%	-4.27%	-3.85%

Currencies Performance

Tick.	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.11%	-0.76%	-6.87%
UDN	Short Dollar	0.22%	1.20%	10.89%
FXE	Euro	0.38%	2.16%	11.84%
FXB	British Pound Sterling	0.26%	0.58%	8.72%
FXF	Swiss Franc	0.13%	1.36%	10.76%
FXJ	Japanese Yen	-0.66%	-1.13%	7.51%
FXC	Canadian Dollar	-0.34%	1.28%	4.92%
FXA	Australian Dollar	-0.76%	0.56%	4.95%

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