

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

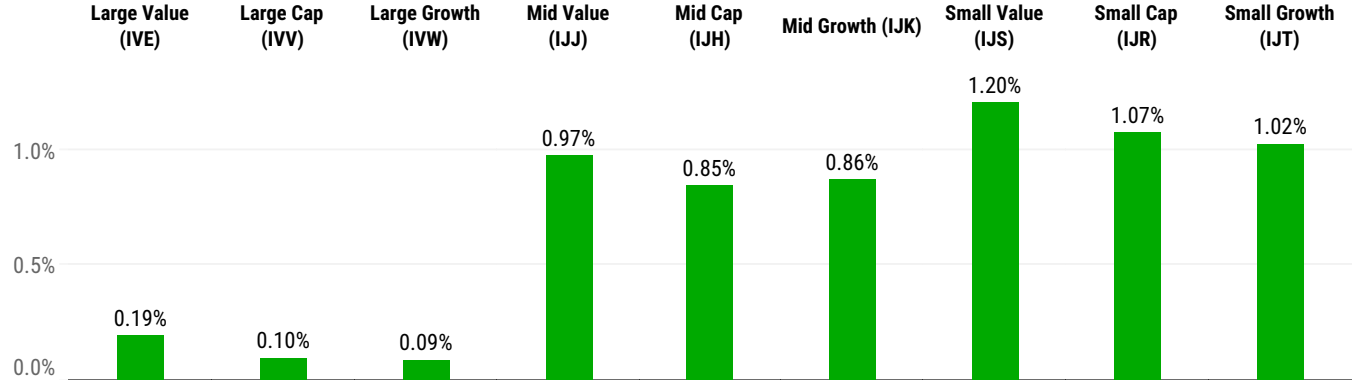


Small Cap Blend (S&P 600) IJR



■ 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
RZV	Invesco S&P Smallcap 600 Pure Value ETF	2.06%
RWJ	Invesco S&P SmallCap 600 Revenue ETF	1.73%
SFLO	VictoryShares Small Cap Free Cash Flow ETF	1.71%
XSHD	Invesco S&P SmallCap High Dividend Low Volatility ETF	1.60%
FYT	First Trust Small Cap Value AlphaDEX Fund	1.58%
DIV	Global X SuperDividend US ETF	1.56%
BSVO	EA Bridgeway Omni Small-Cap Value ETF	1.55%
AVUV	Avantis U.S. Small Cap Value ETF	1.54%
CALF	Pacer US Small Cap Cash Cows ETF	1.48%
FNK	First Trust Mid Cap Value AlphaDEX Fund	1.46%

Size & Style Most Overbought

Ticker	Fund	Price
KEAT	Keating Active ETF	53.90
ABEQ	Absolute Select Value ETF	52.80
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	50.33
SPLV	Invesco S&P 500 Low Volatility ETF	49.35
DVOL	First Trust Dorsey Wright Momentum & Low Volatility ETF	48.68
SMMV	iShares MSCI USA Small-Cap Min Vol Factor ETF	48.65
SIXL	ETC 6 Meridian Low Beta Equity ETF	47.98
YLDE	Franklin ClearBridge Enhanced Income ETF	47.89
XMLV	Invesco S&P MidCap Low Volatility ETF	47.87
YALL	God Bless America ETF	47.68

Size & Style 1-Day Performance Laggards

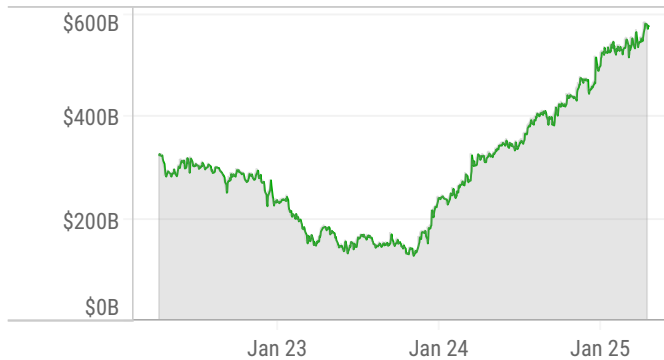
Ticker	Fund	1-Day Performance
LRGG	Macquarie Focused Large Growth ETF	-1.62%
EAGL	Eagle Capital Select Equity ETF	-1.38%
DIA	SPDR Dow Jones Industrial Average ETF Trust	-1.31%
USSE	Segall Bryant & Hamill Select Equity ETF	-1.15%
BAFE	Brown Advisory Flexible Equity ETF	-1.11%
JGRW	Jensen Quality Growth ETF	-1.08%
VEGN	US Vegan Climate ETF	-1.01%
LRGE	ClearBridge Large Cap Growth ESG ETF	-0.94%
TCHP	T. Rowe Price Blue Chip Growth ETF	-0.80%
QLTY	GMO U.S. Quality ETF Shs	-0.68%

Size & Style Most Oversold

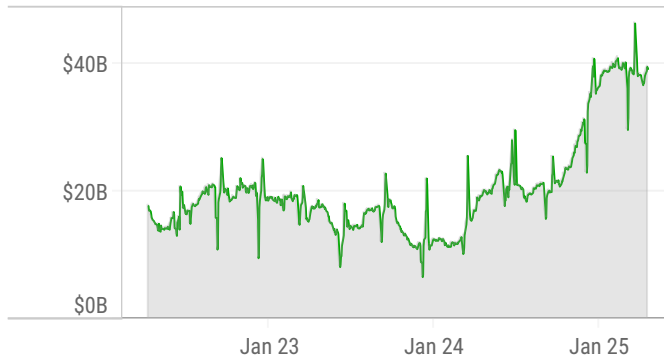
Ticker	Fund	Price
BKCG	BNY Mellon Concentrated Growth ETF	
PTLC	Pacer Trendpilot US Large Cap ETF	26.37
PTNQ	Pacer Trendpilot 100 ETF	27.56
QQH	HCM Defender 100 Index ETF	35.29
THIR	THOR Index Rotation ETF	35.84
DGRS	WisdomTree US Smallcap Quality Dividend Growth ..	37.41
LGH	HCM Defender 500 Index ETF	37.43
ISMD	Inspire Small/Mid Cap ETF	37.98
VIOV	Vanguard S&P Small-Cap 600 Value ETF	38.05
SLYV	SPDR S&P 600 Small Cap Value ETF	38.29

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

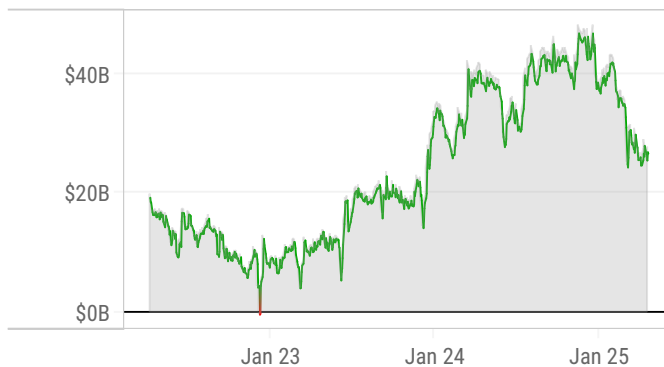
Large-Cap 12-Month Rolling Flows



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	289	(\$7.50B)	\$78.31B	\$227.38B	\$397.13B	\$2,927B
Equity: U.S. Large Cap - Growth	130	\$1.45B	\$31.98B	\$73.27B	\$117.44B	\$840B
Equity: U.S. Large Cap - Value	180	(\$0.10B)	\$21.54B	\$46.85B	\$70.81B	\$719B
Equity: U.S. Mid Cap - Blend	63	\$0.46B	\$7.55B	\$22.17B	\$32.35B	\$287B
Equity: U.S. Mid Cap - Growth	23	(\$0.25B)	\$0.30B	\$2.00B	\$1.31B	\$47B
Equity: U.S. Mid Cap - Value	19	\$0.06B	\$0.48B	\$3.51B	\$4.46B	\$62B
Equity: U.S. Small Cap - Blend	59	(\$1.20B)	(\$3.46B)	\$9.00B	\$21.05B	\$254B
Equity: U.S. Small Cap - Growth	17	(\$0.33B)	(\$1.20B)	\$0.53B	\$1.65B	\$39B
Equity: U.S. Small Cap - Value	32	(\$0.03B)	(\$2.33B)	(\$0.26B)	\$2.49B	\$77B

U.S. Size & Style Flow Leaders

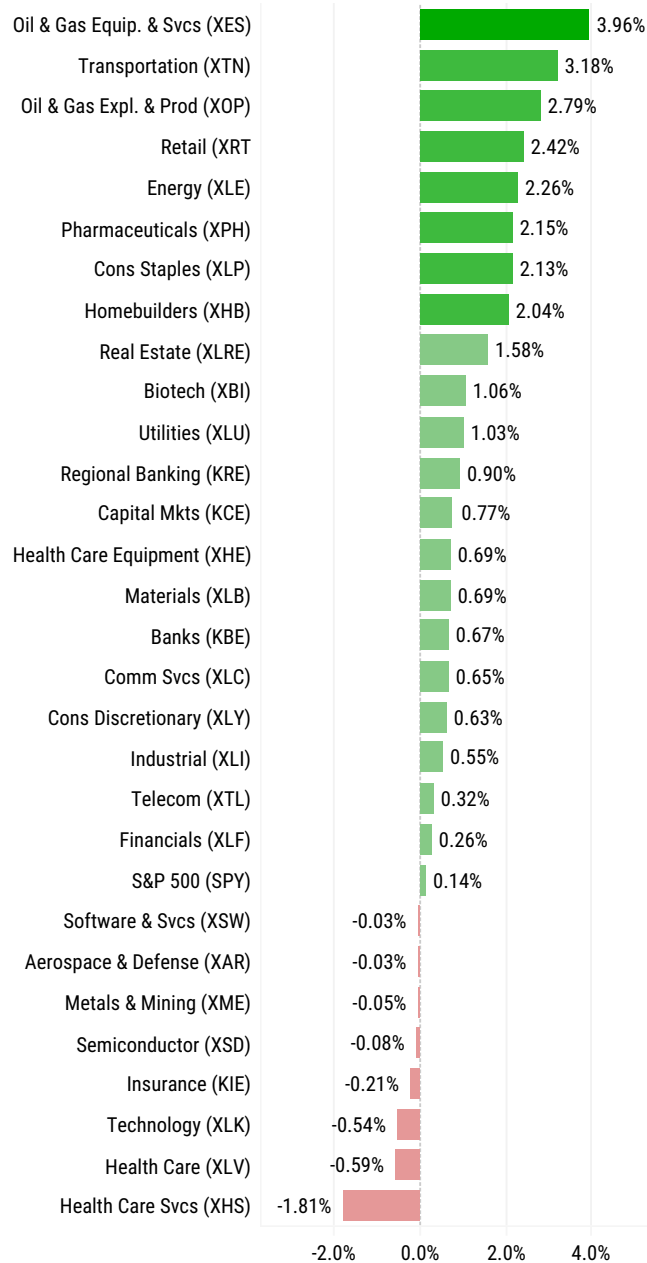
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VTI	Vanguard Total Stock Market ETF	\$0.86B	\$9.41B	\$19.45B	\$31.61B	\$417.96B
USMV	iShares MSCI USA Min Vol Factor ETF	\$0.43B	\$0.26B	(\$0.80B)	(\$3.10B)	\$23.17B
QQXT	First Trust Nasdaq-100 Ex-Technology Sector Index Fu..	\$0.35B	\$0.82B	\$0.81B	\$0.78B	\$0.93B
QQQM	Invesco NASDAQ 100 ETF	\$0.29B	\$3.42B	\$8.22B	\$16.38B	\$38.56B
AVLV	Avantis U.S. Large Cap Value ETF	\$0.28B	\$1.50B	\$2.12B	\$3.21B	\$6.12B
VUG	Vanguard Growth ETF	\$0.28B	\$5.31B	\$11.90B	\$17.23B	\$139.43B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.28B	\$8.79B	\$14.90B	\$24.29B	\$57.19B
SCHG	Schwab U.S. Large-Cap Growth ETF	\$0.19B	\$1.82B	\$3.93B	\$6.53B	\$33.77B
MDY	SPDR S&P Midcap 400 ETF Trust	\$0.19B	(\$0.18B)	\$0.45B	\$0.60B	\$20.45B
DFAC	Dimensional U.S. Core Equity 2 ETF	\$0.19B	\$0.60B	\$1.29B	\$3.16B	\$29.42B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VV	Vanguard Large-Cap ETF	(\$1.41B)	(\$0.52B)	\$0.78B	\$1.37B	\$36.06B
IWM	iShares Russell 2000 ETF	(\$1.01B)	(\$2.65B)	\$0.24B	\$3.76B	\$57.90B
QQQ	Invesco QQQ Trust Series I	(\$0.70B)	\$8.72B	\$16.70B	\$29.40B	\$284.12B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.63B)	\$1.11B	\$8.38B	\$14.59B	\$67.15B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.55B)	\$0.38B	\$1.20B	\$1.22B	\$34.58B
VYM	Vanguard High Dividend Yield Index ETF	(\$0.41B)	(\$1.27B)	(\$0.41B)	\$0.60B	\$55.10B
XMHQ	Invesco S&P MidCap Quality ETF	(\$0.30B)	(\$0.76B)	(\$0.38B)	\$0.97B	\$4.55B
MDYG	SPDR S&P 400 Mid Cap Growth ETF	(\$0.28B)	(\$0.41B)	(\$0.29B)	(\$0.67B)	\$2.02B
SLYG	SPDR S&P 600 Small Cap Growth ETF	(\$0.23B)	(\$0.23B)	(\$0.10B)	(\$0.04B)	\$2.87B
COWZ	Pacer US Cash Cows 100 ETF	(\$0.21B)	(\$1.36B)	(\$1.29B)	\$0.50B	\$20.47B

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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)
XLP	Consumer Staples Select Sector SPDR Fund	-2.84%	9.13%	1.34%	1.65%	56.07
XLU	Utilities Select Sector SPDR Fund	-6.22%	15.20%	-0.43%	0.31%	52.25
XLF	Financial Select Sector SPDR Fund	-10.62%	15.58%	-5.48%	-1.95%	43.96
XLRE	Real Estate Select Sector SPDR Fund	-10.82%	11.71%	-2.47%	-4.44%	50.07
XLI	Industrial Select Sector SPDR Fund	-12.98%	7.63%	-4.95%	-6.01%	45.30
XLV	Health Care Select Sector SPDR Fund	-13.83%	1.89%	-6.14%	-7.90%	38.22
SPY	SPDR S&P 500 ETF Trust	-14.12%	6.03%	-7.50%	-8.44%	42.28
XLC	Communication Services Select Sector SPDR Fund	-14.34%	14.80%	-7.92%	-3.96%	41.20
XLE	Energy Select Sector SPDR Fund	-16.21%	6.62%	-7.52%	-9.05%	42.76
XLB	Materials Select Sector SPDR Fund	-17.29%	8.72%	-5.83%	-10.14%	44.61
XLK	Technology Select Sector SPDR Fund	-20.37%	7.31%	-10.63%	-14.02%	41.36
XLY	Consumer Discretionary Select Sector SPDR Fund	-22.57%	9.03%	-9.36%	-9.91%	41.19

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
IHE	iShares U.S. Pharmaceuticals ETF	4.58%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	3.96%
PSCE	Invesco S&P SmallCap Energy ETF	3.54%
IEZ	iShares U.S. Oil Equipment & Services ETF	3.38%
XTN	SPDR S&P Transportation ETF	3.18%
FXN	First Trust Energy AlphaDEX Fund	2.97%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	2.79%
FTXN	First Trust Nasdaq Oil & Gas ETF	2.60%
IEO	iShares U.S. Oil & Gas Exploration & Production E..	2.58%
PXE	Invesco Energy Exploration & Production ETF	2.55%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IYK	iShares U.S. Consumer Staples ETF	56.59
FSTA	Fidelity MSCI Consumer Staples Index ETF	56.22
XLP	Consumer Staples Select Sector SPDR Fund	56.07
VDC	Vanguard Consumer Staples ETF	55.92
FXU	First Trust Utilities AlphaDEX Fund	54.82
FXG	First Trust Consumer Staples AlphaDEX Fund	54.60
PBJ	Invesco Food & Beverage ETF	53.63
RSPS	Invesco S&P 500 Equal Weight Consumer Staples ETF	53.44
PSL	Invesco Dorsey Wright Consumer Staples Momentum ..	53.26
PUI	Invesco Dorsey Wright Utilities Momentum ETF	53.26

Sector & Industry 1 Day Performance Laggards

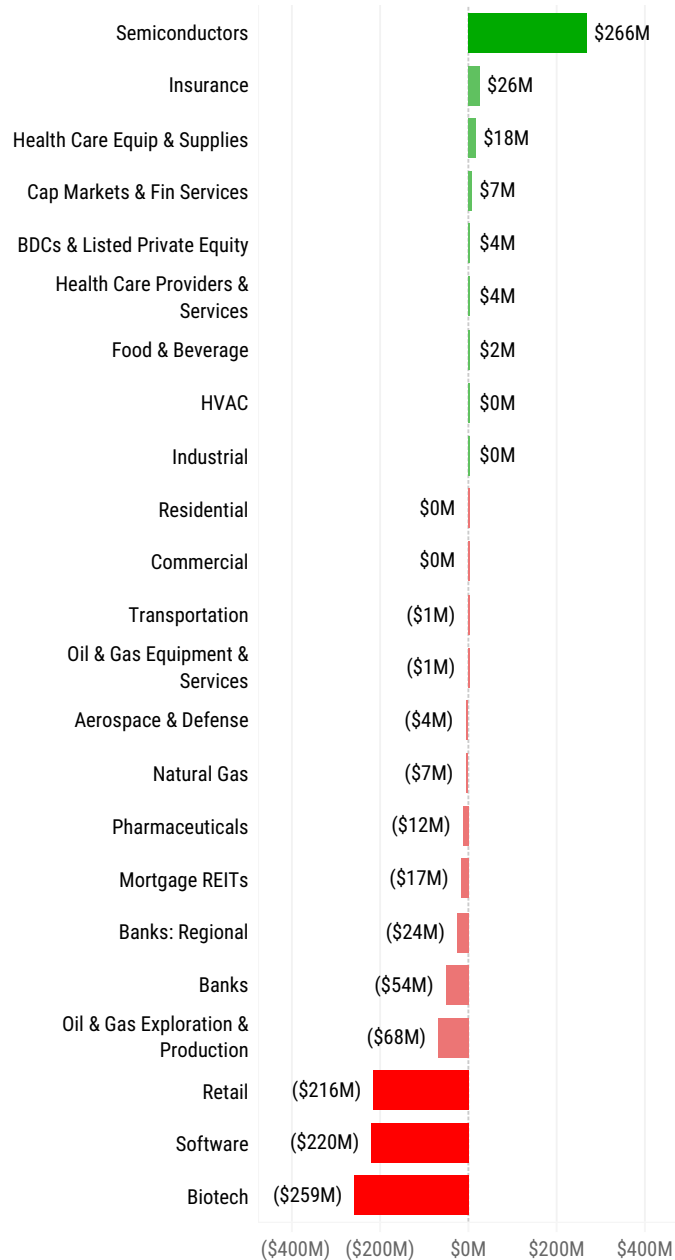
Ticker	Fund	1 Day Performance
IHF	iShares U.S. Healthcare Providers ETF	-6.71%
XHS	SPDR S&P Health Care Services ETF	-1.81%
IYH	iShares U.S. Healthcare ETF	-0.64%
XLV	Health Care Select Sector SPDR Fund	-0.59%
VHT	Vanguard Health Care ETF	-0.42%
FHLC	Fidelity MSCI Health Care Index ETF	-0.41%
IAK	iShares U.S. Insurance ETF	-0.36%
PINK	Simplify Health Care ETF	-0.32%
RSPH	Invesco S&P 500 Equal Weight Health Care ETF	-0.25%
KIE	SPDR S&P Insurance ETF	-0.21%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
MORT	VanEck Mortgage REIT Income ETF	36.29
IHF	iShares U.S. Healthcare Providers ETF	37.51
IYH	iShares U.S. Healthcare ETF	37.80
REM	iShares Mortgage Real Estate ETF	37.97
XLV	Health Care Select Sector SPDR Fund	38.22
KBWD	Invesco KBW High Dividend Yield Financial ETF	38.25
RSPH	Invesco S&P 500 Equal Weight Health Care ETF	38.34
FXH	First Trust Health Care AlphaDEX Fund	38.50
VHT	Vanguard Health Care ETF	38.57
FHLC	Fidelity MSCI Health Care Index ETF	38.68

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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	\$123M	\$50M	\$1,042M	(\$619M)	\$24B
Sector: Consumer Discretionary	10	(\$178M)	(\$3,040M)	(\$1,424M)	(\$3,657M)	\$27B
Sector: Consumer Staples	10	(\$588M)	(\$1,324M)	(\$1,426M)	(\$262M)	\$26B
Sector: Energy	18	(\$417M)	(\$5,129M)	(\$7,005M)	(\$12,479M)	\$40B
Sector: Financials	30	\$776M	(\$1,384M)	\$7,375M	\$11,240M	\$82B
Sector: Health Care	22	(\$178M)	(\$3,130M)	(\$5,787M)	(\$8,706M)	\$75B
Sector: Industrial	19	(\$43M)	(\$1,980M)	(\$414M)	(\$496M)	\$42B
Sector: Materials	8	\$7M	(\$46M)	(\$437M)	(\$911M)	\$8B
Sector: Real Estate	32	(\$4M)	(\$860M)	(\$3,207M)	\$645M	\$61B
Sector: Technology	24	\$433M	\$74M	\$7,093M	\$13,174M	\$196B
Sector: Utilities	9	\$259M	\$1,612M	\$938M	\$5,820M	\$29B

U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	\$813M	\$431M	\$3,503M	\$4,923M	\$47,621M
XLK	Technology Select Sector SPDR Fund	\$374M	(\$803M)	(\$318M)	(\$801M)	\$60,061M
SOXX	iShares Semiconductor ETF	\$265M	(\$840M)	(\$975M)	\$939M	\$10,171M
XLU	Utilities Select Sector SPDR Fund	\$196M	\$250M	(\$452M)	\$3,084M	\$17,304M
VGT	Vanguard Information Technology ETF	\$183M	\$1,537M	\$5,070M	\$8,324M	\$71,314M
XLV	Health Care Select Sector SPDR Fund	\$136M	(\$882M)	(\$1,530M)	(\$1,725M)	\$35,301M
XLY	Consumer Discretionary Select Sector SPDR Fund	\$96M	(\$1,078M)	(\$353M)	(\$2,186M)	\$18,003M
XLC	Communication Services Select Sector SPDR Fund	\$96M	(\$3M)	\$874M	(\$538M)	\$18,866M
IYW	iShares U.S. Technology ETF	\$68M	\$23M	\$191M	\$362M	\$16,551M
XLRE	Real Estate Select Sector SPDR Fund	\$58M	\$160M	(\$362M)	\$987M	\$6,956M

U.S. Sector & Industry Flow Laggards

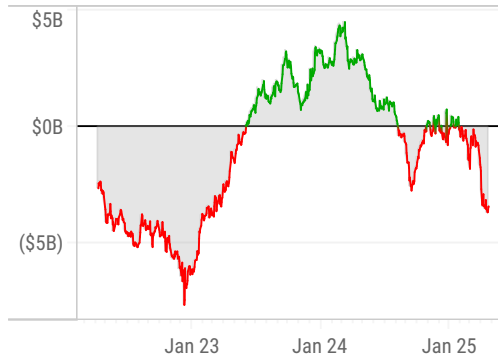
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLP	Consumer Staples Select Sector SPDR Fund	(\$640M)	(\$1,554M)	(\$1,496M)	(\$385M)	\$15,386M
XLE	Energy Select Sector SPDR Fund	(\$286M)	(\$4,481M)	(\$5,949M)	(\$8,432M)	\$26,473M
XRT	SPDR S&P Retail ETF	(\$216M)	(\$107M)	(\$25M)	(\$248M)	\$257M
IGV	iShares Expanded Tech-Software Sector ETF	(\$214M)	\$1,389M	\$3,498M	\$3,497M	\$9,657M
XBI	SPDR S&P BIOTECH ETF	(\$183M)	(\$608M)	(\$1,053M)	(\$1,058M)	\$4,695M
QTEC	First Trust NASDAQ-100 Technology Sector Index Fund	(\$165M)	(\$927M)	(\$964M)	(\$1,070M)	\$2,374M
IYR	iShares U.S. Real Estate ETF	(\$77M)	(\$745M)	(\$1,959M)	(\$973M)	\$2,890M
FXD	First Trust Consumer Discretionary AlphaDEX Fund	(\$67M)	(\$1,049M)	(\$1,032M)	(\$1,078M)	\$333M
IBB	iShares Biotechnology ETF	(\$67M)	(\$390M)	(\$883M)	(\$1,535M)	\$5,196M
KBE	SPDR S&P Bank ETF	(\$64M)	(\$681M)	(\$374M)	\$51M	\$1,428M

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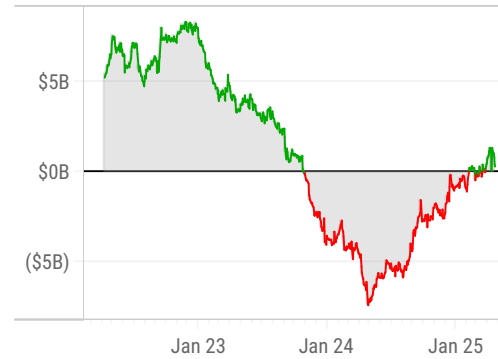
Communication Services



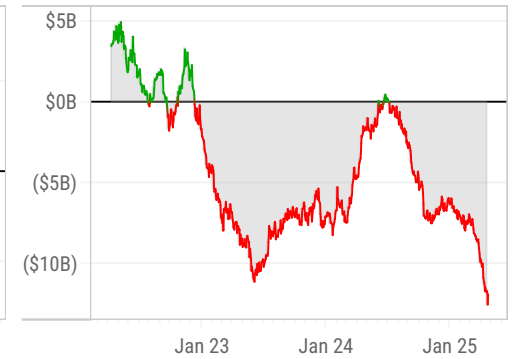
Consumer Discretionary



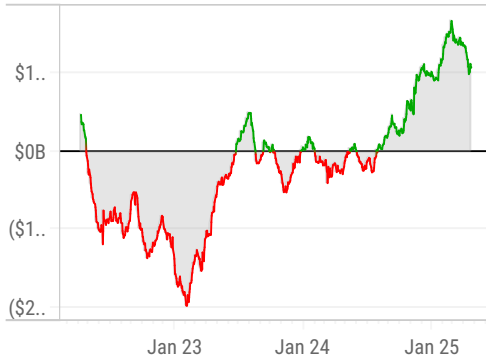
Consumer Staples



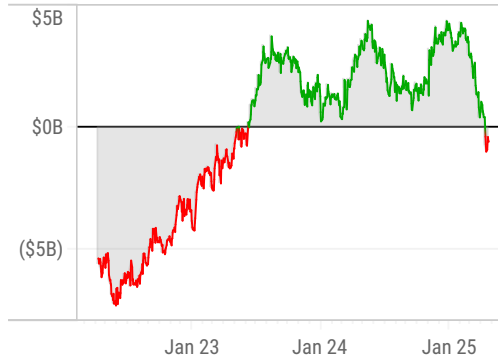
Energy



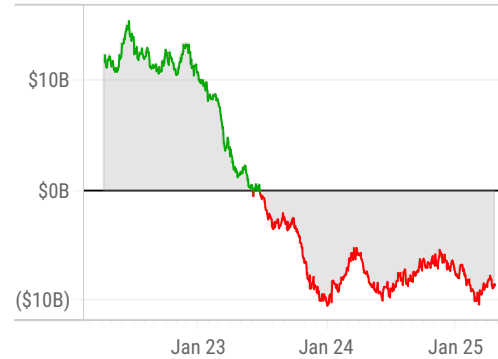
Financials



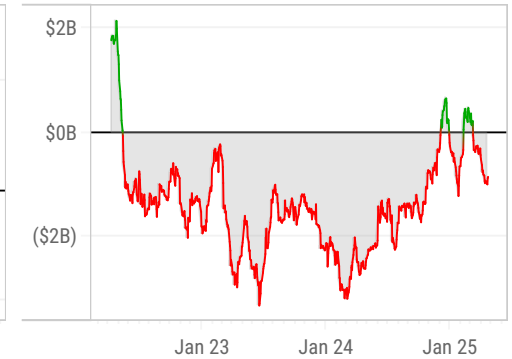
Industrial



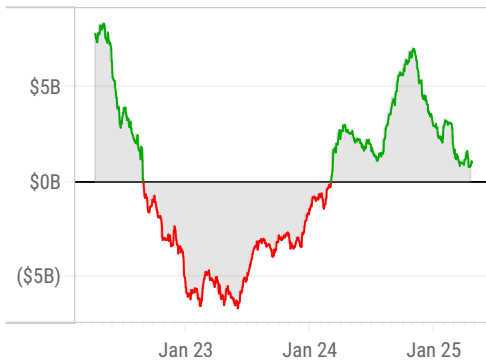
Health Care



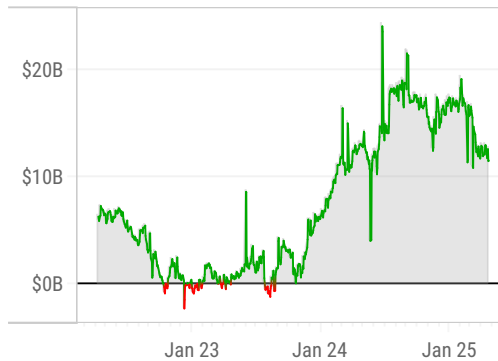
Materials



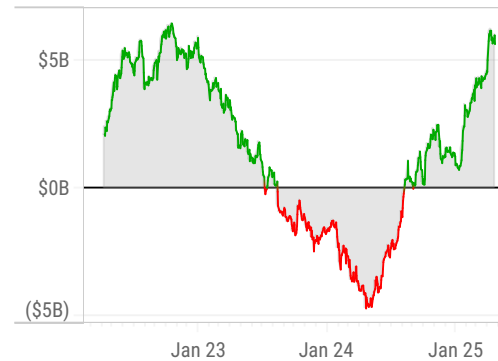
Real Estate



Technology

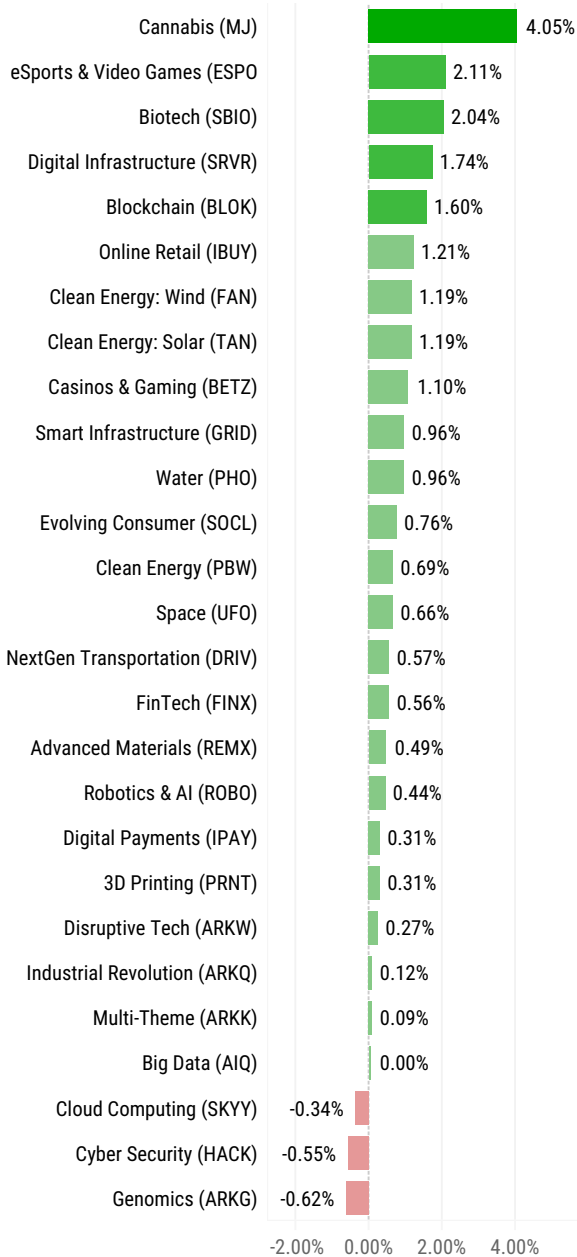


Utilities

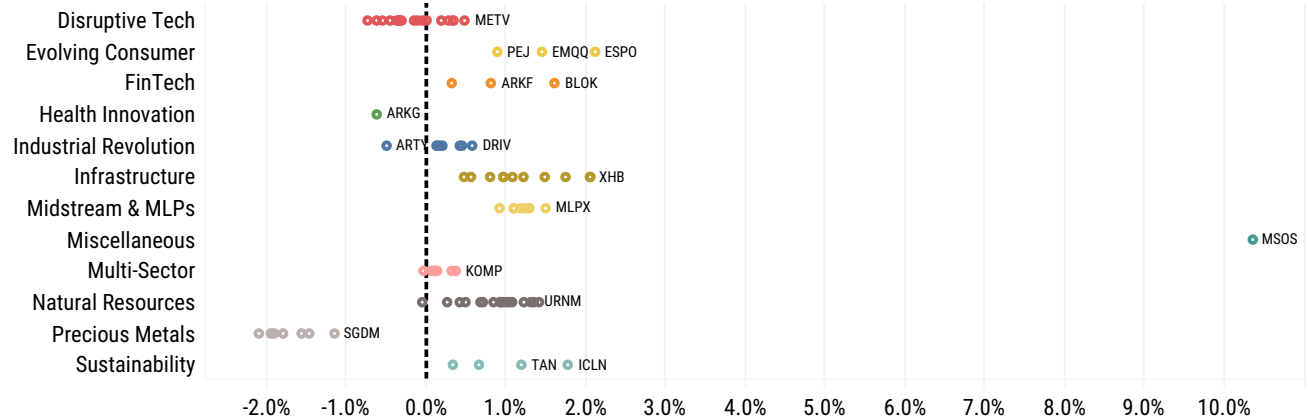


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance (%)
MSOS	AdvisorShares Pure US Cannabis ETF	10.34%
CNBS	Amplify Seymour Cannabis ETF	7.46%
MJ	Amplify Alternative Harvest ETF	4.05%
URNJ	Sprott Junior Uranium Miners ETF	2.98%
CANC	Tema Oncology ETF	2.71%
HERO	Global X Video Games & Esports ETF	2.18%
BKCH	Global X Blockchain ETF	2.15%
ESPO	VanEck Video Gaming and eSports ETF	2.11%
ITB	iShares U.S. Home Construction ETF	2.05%
XHB	SPDR S&P Homebuilders ETF	2.04%

Thematic Most Overbought

Ticker	Fund	Price
GOAU	U.S. Global GO GOLD and Precious Metal Miners ETF	73.49
SGDM	Sprott Gold Miners ETF	73.32
GOEX	Global X Gold Explorers ETF	70.51
RING	iShares MSCI Global Gold Miners ETF	70.24
GDX	VanEck Gold Miners ETF	69.55
GDXJ	VanEck Junior Gold Miners ETF	69.44
SHLD	Global X Defense Tech ETF	66.89
SGDJ	Sprott Junior Gold Miners ETF	66.70
SLVP	iShares MSCI Global Silver Miners ETF	62.76
SIL	Global X Silver Miners ETF	61.93

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance (%)
SLVR	Sprott Silver Miners & Physical Silver ETF	-2.83%
SILJ	Amplify Junior Silver Miners ETF	-2.10%
SLVP	iShares MSCI Global Silver Miners ETF	-1.95%
GDX	VanEck Gold Miners ETF	-1.91%
RING	iShares MSCI Global Gold Miners ETF	-1.80%
SGDJ	Sprott Junior Gold Miners ETF	-1.70%
GDXY	YieldMax Gold Miners Option Income Strategy ETF	-1.58%
GDXJ	VanEck Junior Gold Miners ETF	-1.57%
SIL	Global X Silver Miners ETF	-1.47%
SGDM	Sprott Gold Miners ETF	-1.15%

Thematic Most Oversold

Ticker	Fund	Price
OARK	YieldMax Innovation Option Income Strategy ETF	38.22
KLIP	KraneShares KWEB Covered Call Strategy ETF	38.34
LIT	Global X Lithium & Battery Tech ETF	38.59
BAI	iShares A.I. Innovation and Tech Active ETF	38.84
XTL	SPDR S&P Telecom ETF	39.05
SKYY	First Trust Cloud Computing ETF	39.24
DRIV	Global X Autonomous & Electric Vehicles ETF	39.28
WGMI	CoinShares Valkyrie Bitcoin Miners ETF	39.30
ROBO	ROBO Global Robotics & Automation Index ETF	39.43
CLOU	Global X Cloud Computing ETF	39.60

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Thematic 1 Week Flow Leaders

Ticker	Fund	
SHLD	Global X Defense Tech ETF	\$101M
XHB	SPDR S&P Homebuilders ETF	\$59M
RING	iShares MSCI Global Gold Miners ETF	\$50M
IGF	iShares Global Infrastructure ETF	\$43M
JTEK	JPMorgan U.S. Tech Leaders ETF	\$43M

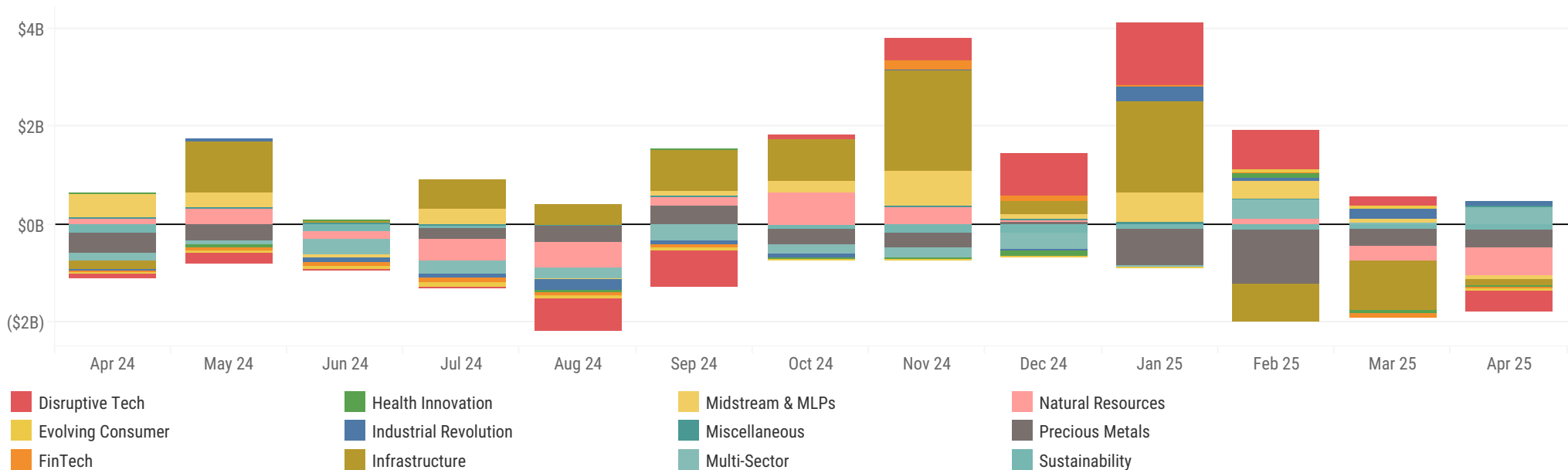
Thematic 1 Week Flow Laggards

Ticker	Fund	
GDX	VanEck Gold Miners ETF	(\$209M)
FDN	First Trust Dow Jones Internet Index Fund	(\$183M)
COPX	Global X Copper Miners ETF	(\$169M)
ARKK	ARK Innovation ETF	(\$117M)
PAVE	Global X U.S. Infrastructure Development ETF	(\$84M)

Thematic Landscape Assets & Flows

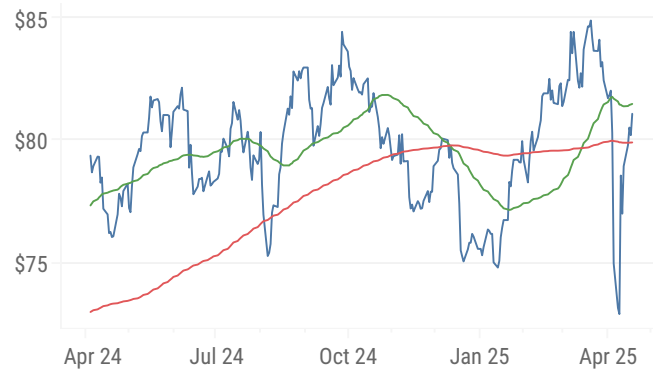
Segment	Funds	1 Week	3 Month	6 Month	1 Year	AUM
Disruptive Tech	57	(\$141M)	\$1,764M	\$3,081M	\$1,534M	\$31B
Evolving Consumer	35	(\$10M)	\$52M	(\$39M)	(\$380M)	\$2B
FinTech	22	(\$22M)	(\$105M)	\$154M	(\$256M)	\$3B
Health Innovation	27	(\$20M)	\$4M	(\$118M)	(\$213M)	\$2B
Industrial Revolution	27	\$75M	\$641M	\$662M	\$176M	\$8B
Infrastructure	37	(\$10M)	(\$452M)	\$2,266M	\$5,895M	\$29B
Midstream & MLPs	13	\$2M	\$589M	\$1,738M	\$3,129M	\$20B
Miscellaneous	4	\$0M	\$75M	\$77M	\$82M	\$0B
Multi-Sector	31	(\$3M)	\$864M	\$201M	(\$1,298M)	\$13B
Natural Resources	56	(\$309M)	(\$825M)	(\$61M)	(\$160M)	\$26B
Precious Metals	14	(\$162M)	(\$2,365M)	(\$3,224M)	(\$4,074M)	\$28B
Sustainability	31	(\$37M)	(\$411M)	(\$908M)	(\$1,460M)	\$4B
Grand Total	354	(\$636M)	(\$169M)	\$3,830M	\$2,974M	\$163B

Thematic Monthly Flows



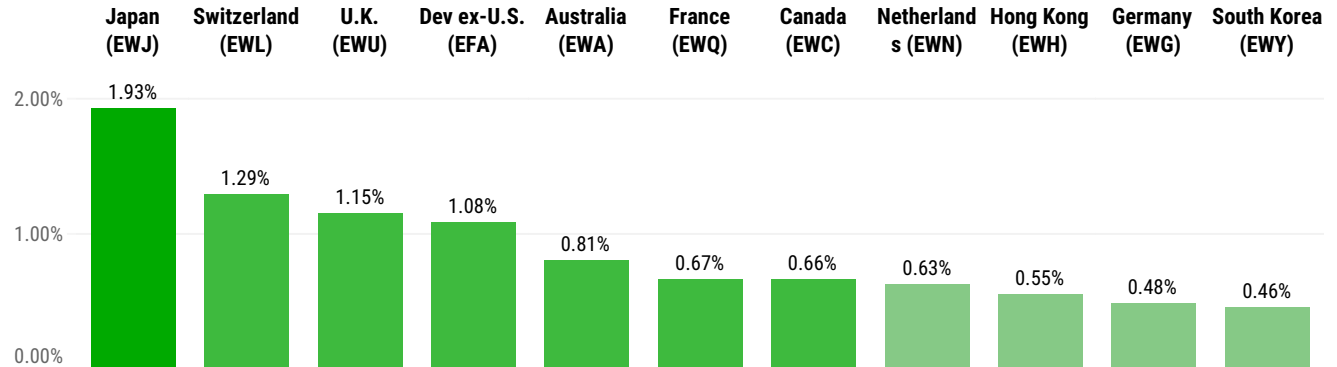
* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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

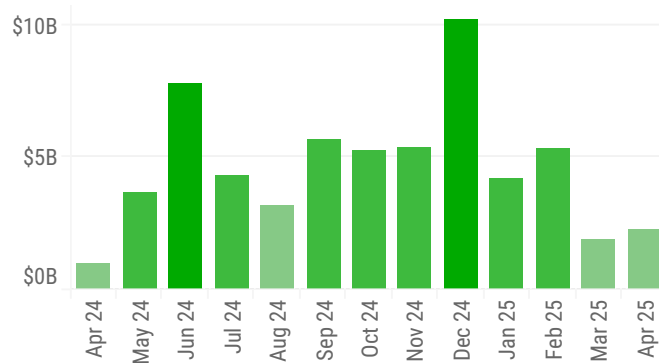
Developed ex-U.S. 1-Day Performance Top 10 Countries



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
FJP	First Trust Japan AlphaDEX Fund	3.00%
HEWJ	iShares Currency Hedged MSCI Japan ETF	2.72%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	2.63%
DXJ	WisdomTree Japan Hedged Equity Fund	2.42%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	2.38%
FLJH	Franklin FTSE Japan Hedged ETF	2.25%
EWS	iShares MSCI Singapore ETF	2.12%
EWD	iShares MSCI Sweden ETF	2.02%
EWJ	iShares MSCI Japan ETF	1.93%
BBJP	JPMorgan BetaBuilders Japan ETF	1.89%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
IFGL	iShares International Developed Real Estate ETF	63.96
EFAV	iShares MSCI EAFE Min Vol Factor ETF	63.43
QLVD	FlexShares Developed Markets ex-US Quality Low Volatil..	62.54
EWP	iShares MSCI Spain ETF	60.69
IDLV	Invesco S&P International Developed Low Volatility ETF	60.62
FDD	First Trust Stoxx European Select Dividend Index Fund	59.99
EFAD	ProShares MSCI EAFE Dividend Growers ETF	59.05
PIZ	Invesco Dorsey Wright Developed Markets Momentum E..	58.87
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	58.70
ENZL	iShares MSCI New Zealand ETF	58.60

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

Ticker	Fund	1-Day Performance
EDEN	iShares MSCI Denmark ETF	-1.29%
EUAD	Select STOXX Europe Aerospace & Defense ETF	-0.68%
ITEQ	Amplify BlueStar Israel Technology ETF	-0.26%
FSZ	First Trust Switzerland AlphaDEX Fund	-0.18%
GREK	Global X MSCI Greece ETF	-0.02%
PTIN	Pacer Trendpilot International ETF	0.04%
EIRL	iShares MSCI Ireland ETF	0.15%
EIS	iShares MSCI Israel ETF	0.19%
ISRA	VanEck Israel ETF	0.29%
DAX	Global X DAX Germany ETF	0.31%

Developed ex-U.S. Most Oversold

Ticker	Fund	Value
PTIN	Pacer Trendpilot International ETF	38.75
AIA	iShares Asia 50 ETF	41.22
IHDG	WisdomTree International Hedged Quality Dividend..	42.41
EWH	iShares MSCI Hong Kong ETF	43.34
EDEN	iShares MSCI Denmark ETF	43.91
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	43.97
ITEQ	Amplify BlueStar Israel Technology ETF	43.98
HEZU	iShares Currency Hedged MSCI Eurozone ETF	44.15
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	44.51
HEDJ	WisdomTree Europe Hedged Equity Fund	44.98

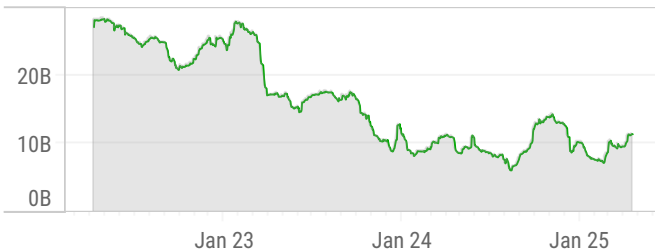
* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Emerging (EEM)

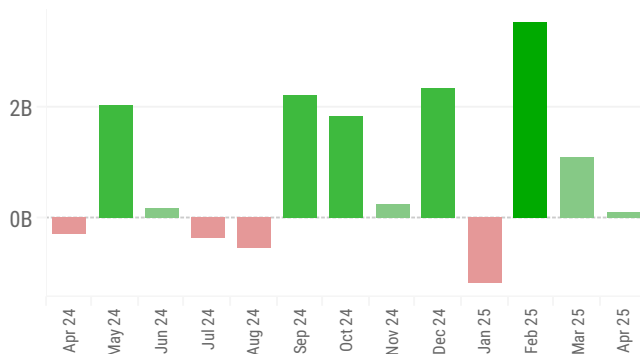


■ 200 Day Moving Average
 ■ Closing Price
 ■ 50 Day Moving Average

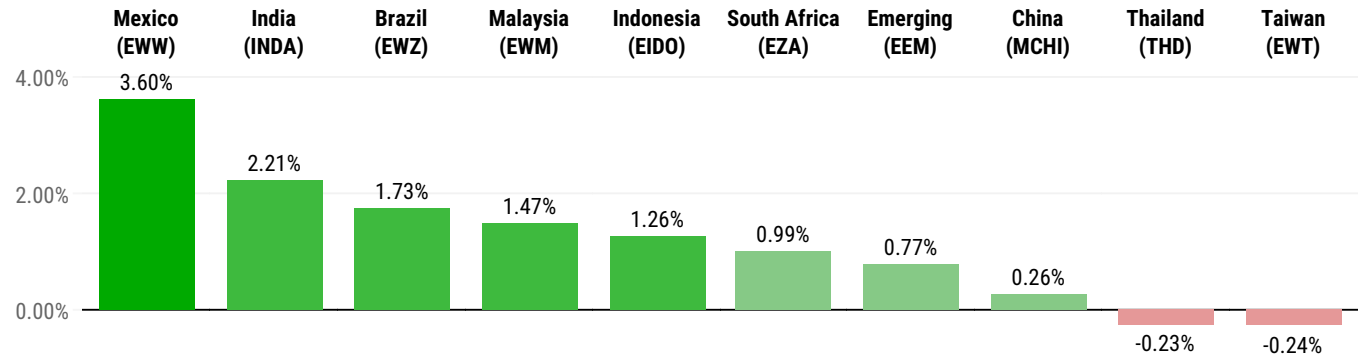
Emerging 12-Month Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Top 10 Countries



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
EWW	iShares MSCI Mexico ETF	3.60%
INQQ	The India Internet ETF	3.56%
PIN	Invesco India ETF	2.51%
INDY	iShares India 50 ETF	2.31%
EPI	WisdomTree India Earnings Fund	2.25%
TUR	iShares MSCI Turkey ETF	2.24%
ILF	iShares Latin America 40 ETF	2.22%
GLIN	VanEck India Growth Leaders ETF	2.22%
INDA	iShares MSCI India ETF	2.21%
INCO	Columbia India Consumer ETF	2.18%

Emerging Most Overbought

Ticker	Fund	Value
INCO	Columbia India Consumer ETF	65.16
INDY	iShares India 50 ETF	64.43
INQQ	The India Internet ETF	63.04
FLIN	Franklin FTSE India ETF	62.79
INDA	iShares MSCI India ETF	62.12
EWW	iShares MSCI Mexico ETF	61.58
NFTY	First Trust India NIFTY 50 Equal Weight ETF	61.56
PIN	Invesco India ETF	60.51
EPI	WisdomTree India Earnings Fund	60.10
SMIN	iShares MSCI India Small Cap ETF	59.92

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
PGJ	Invesco Golden Dragon China ETF	-0.39%
CNYA	iShares MSCI China A ETF	-0.37%
EPU	iShares MSCI Peru and Global Exposure ETF	-0.35%
QAT	iShares MSCI Qatar ETF	-0.34%
FLTW	Franklin FTSE Taiwan ETF	-0.29%
EWT	iShares MSCI Taiwan ETF	-0.24%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-0.23%
THD	iShares MSCI Thailand ETF	-0.23%
FXI	iShares China Large-Cap ETF	-0.06%
FLCH	Franklin FTSE China ETF	-0.02%

Emerging Most Oversold

Ticker	Fund	Value
PGJ	Invesco Golden Dragon China ETF	34.91
KWEB	KraneShares CSI China Internet ETF	38.04
CQQQ	Invesco China Technology ETF	39.65
CXSE	WisdomTree China ex-State-Owned Enterprises Fu..	39.66
CHIQ	Global X MSCI China Consumer Discretionary ETF	40.47
FLCH	Franklin FTSE China ETF	40.63
GXC	SPDR S&P China ETF	40.65
MCHI	iShares MSCI China ETF	41.03
FXI	iShares China Large-Cap ETF	41.13
EWT	iShares MSCI Taiwan ETF	41.85

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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	-0.25%	-0.22%	1.98%
SHY	1-3 Year Treasury Bonds	0.04%	0.78%	1.93%
IEF	7-10 Year Treasury Bonds	-0.28%	0.45%	3.36%
TLT	20+ Year Treasury Bonds	-0.88%	-3.07%	1.26%
TIP	TIPS Bonds	0.23%	0.26%	2.98%
FLOT	Floating Rate Bonds	0.06%	0.00%	0.95%
LQD	Investment Grade Corporate	-0.14%	-0.93%	1.04%
HYG	High Yield Corporate	0.58%	-1.17%	0.28%
BKLN	Senior Loan	0.39%	-0.59%	-0.71%
PFF	Preferred & Income Securities	0.75%	-4.97%	-4.50%
MUB	Municipal Bonds	-0.06%	-1.88%	-2.01%
MBB	MBS	-0.33%	-0.42%	1.95%
EMB	Dollar Denominated EM Bonds	0.26%	-1.94%	1.09%
LEMB	Local Currency EM Bond	0.53%	0.93%	5.77%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.50%	-2.39%	6.05%
DBE	Energy	1.79%	-4.53%	-3.65%
USO	WTI Crude Oil	2.55%	-4.44%	-8.03%
BNO	Brent Crude Oil	2.29%	-3.92%	-5.88%
UNG	Natural Gas	0.00%	-19.75%	1.31%
UGA	Gasoline	1.96%	-3.97%	-6.79%
DBP	Precious Metals	-0.66%	7.32%	22.13%
GLD	Gold	-0.44%	10.62%	26.43%
SLV	Silver	-0.71%	-4.09%	12.23%
PPLT	Platinum	-0.14%	-3.60%	6.54%
PALL	Palladium	-1.43%	-1.44%	4.62%
DBB	Base Metals	0.39%	-9.88%	-4.72%
CPER	Copper	0.51%	-5.18%	17.13%
DBA	Agriculture	0.49%	-0.78%	0.23%
CORN	Corn	0.00%	3.27%	4.32%
SOYB	Soybeans	-0.41%	0.90%	0.66%
WEAT	Wheat	0.21%	-4.23%	-1.24%
CANE	Sugar	0.09%	-8.65%	1.50%

Currencies Performance

Tick..	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.07%	-3.47%	-7.21%
UDN	Short Dollar	-0.11%	4.13%	10.05%
FXE	Euro	-0.11%	4.24%	10.31%
FXB	British Pound Sterling	0.19%	2.35%	6.84%
FXF	Swiss Franc	-0.65%	7.46%	10.74%
FXJ	Japanese Yen	-0.22%	4.75%	10.54%
FXC	Canadian Dollar	0.14%	3.27%	4.14%
FXA	Australian Dollar	0.28%	0.20%	3.71%

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