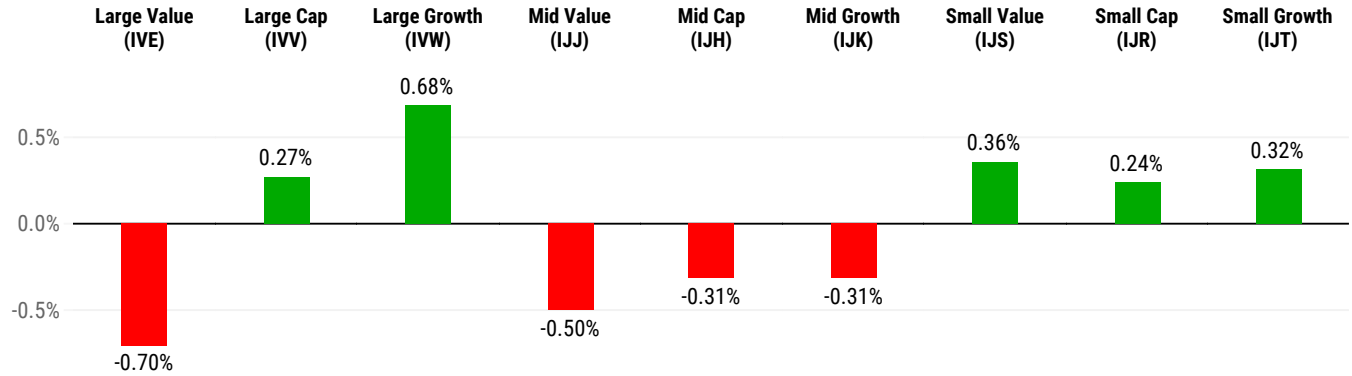


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
RVER	Trenchless Fund ETF	2.03%
SPHB	Invesco S&P 500 High Beta ETF	1.85%
QQH	HCM Defender 100 Index ETF	1.63%
BUZZ	VanEck Social Sentiment ETF	1.49%
FBCG	Fidelity Blue Chip Growth ETF	1.30%
BUL	Pacer US Cash Cows Growth ETF	1.20%
QTOP	iShares Nasdaq Top 30 Stocks ETF	1.17%
QGRW	WisdomTree U.S. Quality Growth Fund	1.17%
QQQM	Invesco NASDAQ 100 ETF	1.10%
QQQ	Invesco QQQ Trust Series I	1.09%

Size & Style Most Overbought

Ticker	Fund	Value
ACSI	American Customer Satisfaction ETF	77.78
MGMT	Ballast Small/Mid Cap ETF	76.72
IWP	iShares Russell Mid-Cap Growth ETF	74.68
COWG	Pacer US Large Cap Cash Cows Growth Leaders ETF	74.36
CAPE	DoubleLine Shiller CAPE U.S. Equities ETF	73.85
VOT	Vanguard Mid-Cap Growth ETF	73.66
BUZZ	VanEck Social Sentiment ETF	73.54
NUMG	Nuveen ESG Mid-Cap Growth ETF	73.47
WTV	WisdomTree US Value Fund of Benef Interest	73.11
TMFS	Motley Fool Small-Cap Growth ETF	72.97

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
FFTY	Innovator IBD 50 ETF	-1.61%
DDIV	First Trust Dorsey Wright Momentum & Dividend ETF	-1.43%
ADPV	Adaptiv Select ETF	-1.43%
ICAP	InfraCap Equity Income Fund ETF	-1.26%
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	-1.10%
DVY	iShares Select Dividend ETF	-1.09%
DVOL	First Trust Dorsey Wright Momentum & Low Volatility E..	-1.08%
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd E..	-1.07%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	-1.04%
MSSS	Monarch Select Subsector ETF Fund	-1.04%

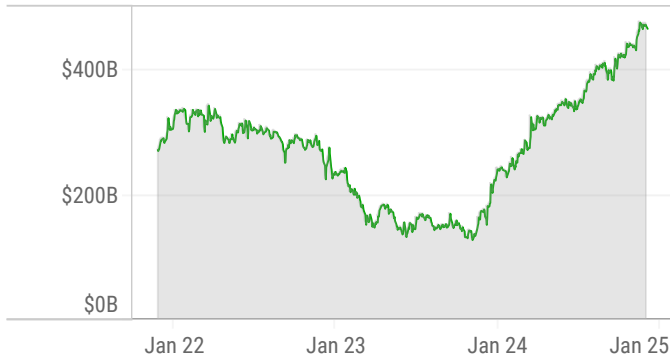
Size & Style Most Oversold

Ticker	Fund	Value
DURA	VanEck Durable High Dividend ETF	53.46
INCE	Franklin Income Equity Focus ETF	53.66
FDV	Federated Hermes U.S. Strategic Dividend ETF	54.49
BAMD	Brookstone Dividend Stock ETF	55.18
IPO	Renaissance IPO ETF	55.40
BGIG	Bahl & Gaynor Income Growth ETF	55.87
HDV	iShares Core High Dividend ETF	56.39
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	56.85
SGLC	SGI U.S. Large Cap Core ETF	57.13
ICAP	InfraCap Equity Income Fund ETF	57.49

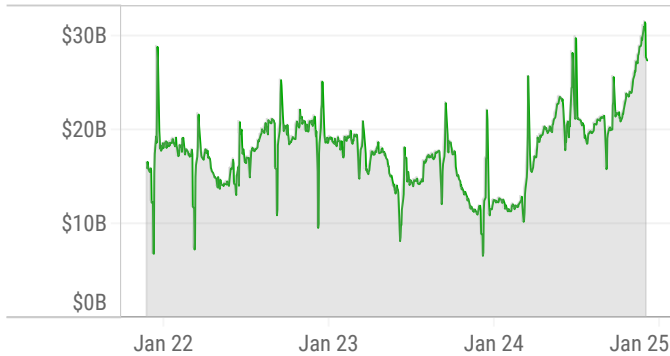
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

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

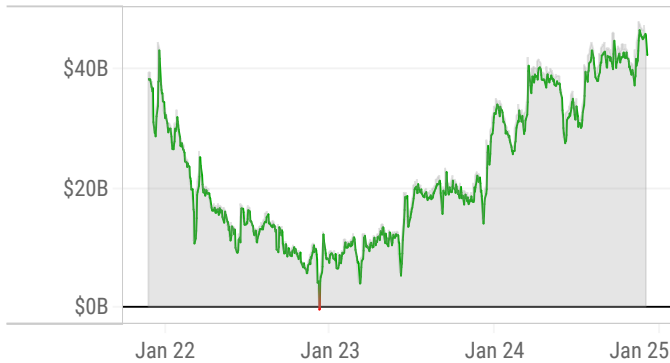
Large-Cap 12-Month Rolling Flows



Mid-Cap 12-Month Rolling Flows



Small-Cap 12-Month Rolling Flows



U.S. Size & Style Landscape Flows

	Funds	1 Week	3 Month	6 Month	1 Year	AUM
Equity: U.S. Large Cap - Blend	273	\$0.86B	\$123.87B	\$193.54B	\$344.25B	\$3,171B
Equity: U.S. Large Cap - Growth	117	\$1.68B	\$30.48B	\$52.42B	\$97.96B	\$794B
Equity: U.S. Large Cap - Value	170	\$0.70B	\$18.26B	\$29.88B	\$46.04B	\$781B
Equity: U.S. Mid Cap - Blend	60	\$1.08B	\$10.50B	\$16.20B	\$27.24B	\$334B
Equity: U.S. Mid Cap - Growth	22	\$0.09B	\$0.97B	\$1.27B	\$1.86B	\$54B
Equity: U.S. Mid Cap - Value	18	\$0.15B	\$2.80B	\$3.86B	\$4.38B	\$75B
Equity: U.S. Small Cap - Blend	56	\$0.39B	\$8.89B	\$22.95B	\$32.62B	\$329B
Equity: U.S. Small Cap - Growth	17	\$0.16B	\$0.84B	\$1.74B	\$3.86B	\$51B
Equity: U.S. Small Cap - Value	31	\$0.25B	\$2.71B	\$4.07B	\$12.26B	\$103B

U.S. Size & Style Flow Leaders

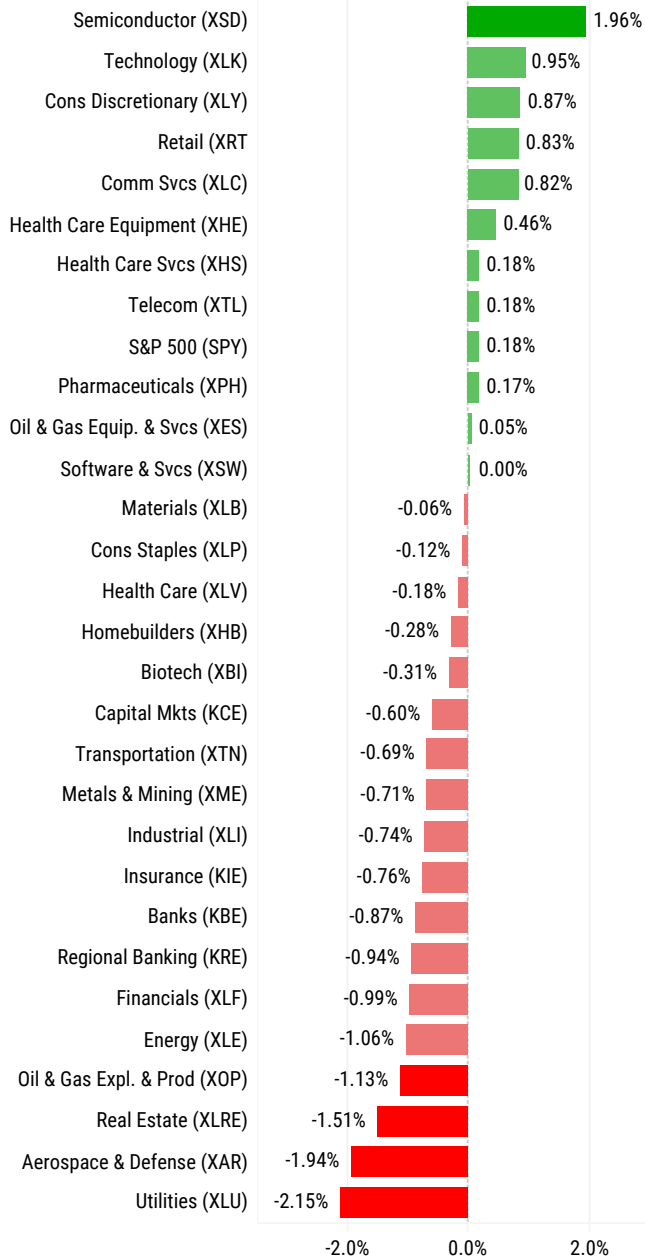
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	\$3.01B	\$19.43B	\$45.84B	\$68.15B	\$573.77B
QQQ	Invesco QQQ Trust Series I	\$1.02B	\$10.29B	\$14.74B	\$28.67B	\$313.80B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.64B	\$7.58B	\$10.49B	\$18.13B	\$73.70B
VTI	Vanguard Total Stock Market ETF	\$0.50B	\$4.10B	\$12.34B	\$27.39B	\$468.27B
XMMO	Invesco S&P MidCap Momentum ETF	\$0.43B	\$0.79B	\$1.01B	\$2.34B	\$4.24B
IJH	iShares Core S&P Mid-Cap ETF	\$0.36B	\$3.52B	\$5.84B	\$6.20B	\$101.34B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.34B	\$1.47B	\$1.55B	\$1.32B	\$39.24B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.30B	\$5.72B	\$10.21B	\$19.90B	\$53.05B
SCHD	Schwab US Dividend Equity ETF	\$0.27B	\$4.32B	\$5.50B	\$7.72B	\$68.03B
VB	Vanguard Small-Cap ETF	\$0.25B	\$1.25B	\$2.48B	\$5.90B	\$67.52B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
FVD	First Trust Value Line Dividend Index Fund	(\$0.59B)	(\$0.17B)	(\$0.69B)	(\$2.38B)	\$9.96B
QDF	FlexShares Quality Dividend Index Fund	(\$0.17B)	(\$0.01B)	(\$0.02B)	(\$0.07B)	\$1.92B
BBMC	JPMorgan BetaBuilders U.S. Mid Cap Equity ETF	(\$0.13B)	(\$0.09B)	(\$0.05B)	(\$0.11B)	\$1.92B
IWM	iShares Russell 2000 ETF	(\$0.07B)	\$2.99B	\$10.39B	\$9.01B	\$80.66B
USCA	Xtrackers MSCI USA Climate Action Equity ETF	(\$0.05B)	\$0.33B	\$0.35B	(\$0.22B)	\$2.73B
QQQE	Direxion NASDAQ-100 Equal Weighted Index Shares	(\$0.05B)	(\$0.08B)	\$0.09B	\$0.23B	\$1.34B
SPYG	SPDR Portfolio S&P 500 Growth ETF	(\$0.05B)	\$1.92B	\$1.53B	\$4.16B	\$32.70B
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	(\$0.05B)	(\$0.34B)	(\$1.03B)	(\$0.39B)	\$5.28B
FELG	Fidelity Enhanced Large Cap Growth ETF	(\$0.05B)	\$0.08B	\$0.19B	\$0.24B	\$3.04B
QDEF	FlexShares Quality Dividend Defensive Index Fund	(\$0.04B)	\$0.00B	\$0.00B	\$0.00B	\$0.42B

* 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



Select Sector SPDRs Technicals

Ticker	Fund Name	% From 52W High	% From 52W Low	% Abv/Below 50 SMA	% Abv/Below 200 SMA	RSI (14D)
SPY	SPDR S&P 500 ETF Trust	0.00%	29.18%	3.46%	10.53%	67.60
XLC	Communication Services Select Sector SPDR Fund	0.00%	39.69%	6.47%	15.45%	74.40
XLY	Consumer Discretionary Select Sector SPDR Fund	0.00%	32.09%	8.99%	19.46%	72.94
XLK	Technology Select Sector SPDR Fund	-0.73%	28.15%	2.65%	8.29%	58.96
XLI	Industrial Select Sector SPDR Fund	-0.74%	29.67%	3.42%	11.72%	61.08
XLF	Financial Select Sector SPDR Fund	-0.99%	37.75%	6.47%	16.84%	65.72
XLP	Consumer Staples Select Sector SPDR Fund	-1.35%	18.42%	1.99%	5.69%	65.48
XLU	Utilities Select Sector SPDR Fund	-2.15%	35.36%	1.06%	11.93%	52.88
XLRE	Real Estate Select Sector SPDR Fund	-2.29%	24.04%	0.94%	8.88%	53.02
XLB	Materials Select Sector SPDR Fund	-2.98%	16.97%	0.00%	3.44%	55.17
XLE	Energy Select Sector SPDR Fund	-3.63%	18.28%	2.87%	3.46%	53.83
XLV	Health Care Select Sector SPDR Fund	-6.42%	10.86%	-1.40%	-0.34%	51.13

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
FCOM	Fidelity MSCI Communication Services Index ETF	1.22%
VOX	Vanguard Communication Services ETF	1.15%
PSCC	Invesco S&P SmallCap Consumer Staples ETF	0.96%
VCR	Vanguard Consumer Discretionary ETF	0.93%
XLY	Consumer Discretionary Select Sector SPDR Fund	0.87%
XRT	SPDR S&P Retail ETF	0.83%
XLC	Communication Services Select Sector SPDR Fund	0.82%
FDIS	Fidelity MSCI Consumer Discretionary Index ETF	0.82%
FXD	First Trust Consumer Discretionary AlphaDEX Fu..	0.77%
IYC	iShares U.S. Consumer Discretionary ETF	0.67%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IYC	iShares U.S. Consumer Discretionary ETF	78.03
RSPC	Invesco S&P 500 Equal Weight Communication Service..	77.74
PSL	Invesco Dorsey Wright Consumer Staples Momentum ..	76.28
XLC	Communication Services Select Sector SPDR Fund	74.40
VCR	Vanguard Consumer Discretionary ETF	73.24
FDIS	Fidelity MSCI Consumer Discretionary Index ETF	73.13
XLY	Consumer Discretionary Select Sector SPDR Fund	72.94
FSTA	Fidelity MSCI Consumer Staples Index ETF	71.91
PSCC	Invesco S&P SmallCap Consumer Staples ETF	71.20
FXD	First Trust Consumer Discretionary AlphaDEX Fund	70.81

Sector & Industry 1 Day Performance Laggards

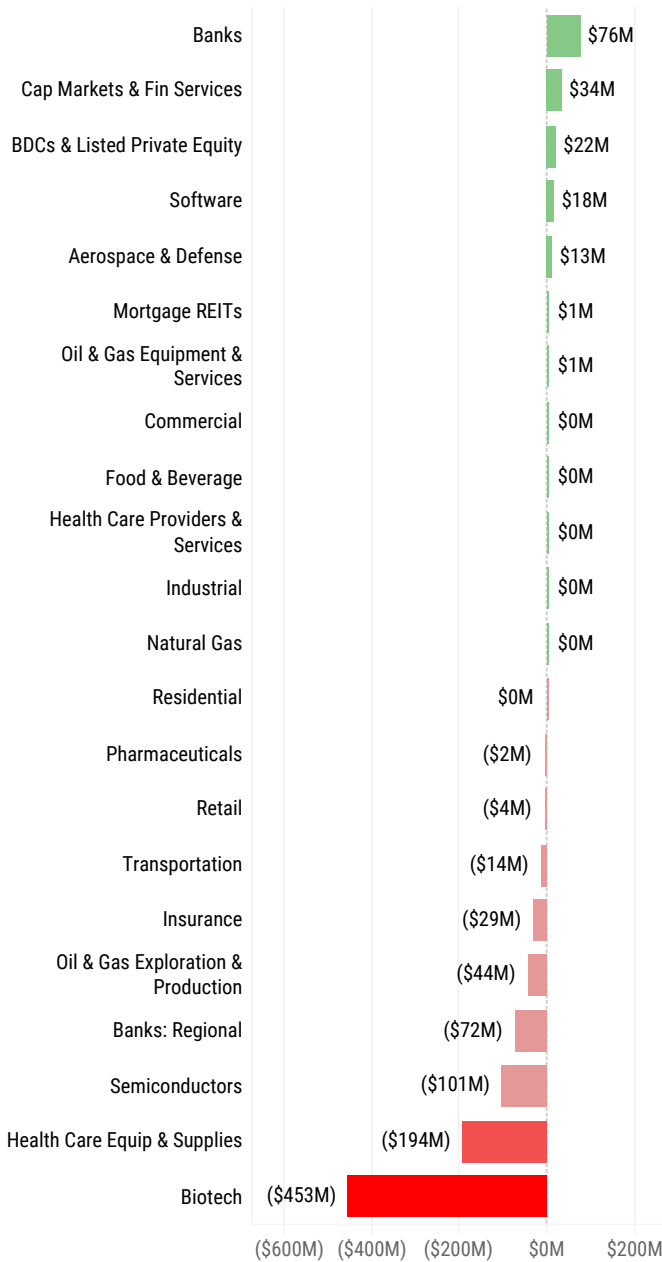
Ticker	Fund	1 Day Performance
PUI	Invesco Dorsey Wright Utilities Momentum ETF	-2.25%
UTES	Virtus Reaves Utilities ETF	-2.16%
XLU	Utilities Select Sector SPDR Fund	-2.15%
FUTY	Fidelity MSCI Utilities Index ETF	-2.12%
RSPU	Invesco S&P 500 Equal Weight Utilities ETF	-2.10%
IDU	iShares U.S. Utilities ETF	-2.05%
FXU	First Trust Utilities AlphaDEX Fund	-2.05%
VPU	Vanguard Utilities ETF	-2.00%
XAR	SPDR S&P Aerospace & Defense ETF	-1.94%
FCG	First Trust Natural Gas ETF	-1.80%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
PTH	Invesco Dorsey Wright Healthcare Momentum ETF	44.55
KBWY	Invesco KBW Premium Yield Equity REIT ETF	44.93
INDS	Pacer Industrial Real Estate ETF	44.97
NETL	NETLease Corporate Real Estate ETF	45.72
MISL	First Trust Indxx Aerospace & Defense ETF	48.85
REZ	iShares Residential and Multisector Real Estate ETF	49.34
RIET	Hoya Capital High Dividend Yield ETF	50.36
IYH	iShares U.S. Healthcare ETF	50.68
XLV	Health Care Select Sector SPDR Fund	51.13
XPH	SPDR S&P Pharmaceuticals ETF	51.47

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

U.S. Sector & Industry 1-Week Flows



U.S. Sector Landscape

	Funds	1 Week	3 Month	6 Month	1 Year	AUM
Sector: Communication Services	4	\$63M	(\$155M)	(\$1,406M)	(\$686M)	\$26B
Sector: Consumer Discretionary	10	\$201M	\$1,644M	\$579M	\$1,041M	\$36B
Sector: Consumer Staples	10	\$142M	(\$422M)	\$410M	(\$2,222M)	\$28B
Sector: Energy	19	(\$160M)	(\$1,937M)	(\$3,994M)	(\$6,976M)	\$55B
Sector: Financials	30	\$37M	\$5,102M	\$10,369M	\$11,474M	\$92B
Sector: Health Care	22	(\$751M)	(\$2,376M)	(\$2,699M)	(\$7,347M)	\$88B
Sector: Industrial	18	\$186M	\$1,494M	\$646M	\$4,123M	\$50B
Sector: Materials	8	\$157M	\$440M	\$197M	(\$290M)	\$11B
Sector: Real Estate	32	\$87M	\$1,154M	\$4,001M	\$5,596M	\$72B
Sector: Technology	24	\$30M	\$3,105M	\$9,289M	\$17,390M	\$216B
Sector: Utilities	9	\$291M	\$94M	\$3,036M	\$1,714M	\$30B

U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLU	Utilities Select Sector SPDR Fund	\$244M	(\$468M)	\$1,953M	\$352M	\$18,219M
XLY	Consumer Discretionary Select Sector SPDR Fund	\$188M	\$1,157M	\$183M	\$521M	\$23,299M
XLB	Materials Select Sector SPDR Fund	\$160M	\$508M	\$407M	(\$7M)	\$6,107M
XLI	Industrial Select Sector SPDR Fund	\$158M	\$903M	\$751M	\$2,657M	\$22,317M
VGT	Vanguard Information Technology ETF	\$141M	\$1,682M	\$4,113M	\$6,994M	\$83,583M
XLP	Consumer Staples Select Sector SPDR Fund	\$141M	(\$293M)	\$403M	(\$1,294M)	\$16,794M
XLRE	Real Estate Select Sector SPDR Fund	\$79M	\$15M	\$927M	\$1,865M	\$7,966M
XLC	Communication Services Select Sector SPDR Fund	\$59M	(\$74M)	(\$1,091M)	(\$493M)	\$20,226M
KBWB	Invesco KBW Bank ETF	\$43M	\$689M	\$735M	\$591M	\$2,803M
IYR	iShares U.S. Real Estate ETF	\$36M	\$374M	\$1,495M	\$1,284M	\$5,017M

U.S. Sector & Industry Flow Laggards

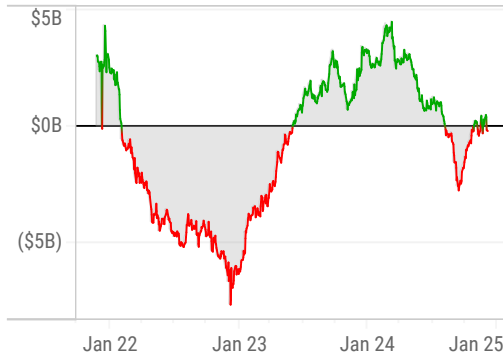
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XBI	SPDR S&P BIOTECH ETF	(\$355M)	(\$586M)	(\$112M)	(\$663M)	\$7,289M
IHI	iShares U.S. Medical Devices ETF	(\$194M)	(\$489M)	(\$875M)	(\$1,268M)	\$4,768M
XLE	Energy Select Sector SPDR Fund	(\$119M)	(\$1,074M)	(\$1,552M)	(\$3,874M)	\$37,768M
IBB	iShares Biotechnology ETF	(\$98M)	(\$542M)	(\$570M)	(\$691M)	\$6,968M
SOXX	iShares Semiconductor ETF	(\$86M)	(\$90M)	\$1,240M	\$2,619M	\$13,927M
KRE	SPDR S&P Regional Banking ETF	(\$78M)	\$1,504M	\$2,125M	\$1,292M	\$5,547M
XLV	Health Care Select Sector SPDR Fund	(\$66M)	\$138M	\$248M	(\$2,552M)	\$39,432M
KIE	SPDR S&P Insurance ETF	(\$47M)	\$83M	\$133M	\$44M	\$1,088M
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	(\$44M)	(\$128M)	(\$758M)	(\$915M)	\$2,698M
VHT	Vanguard Health Care ETF	(\$27M)	(\$233M)	(\$374M)	(\$484M)	\$17,714M

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Communication Services



Consumer Discretionary



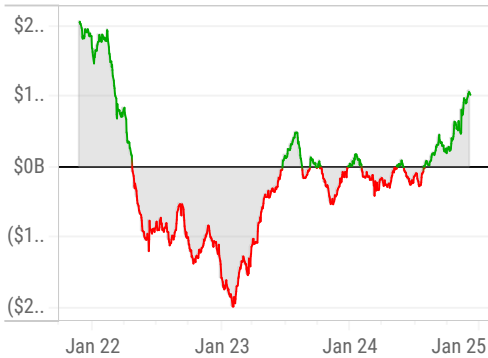
Consumer Staples



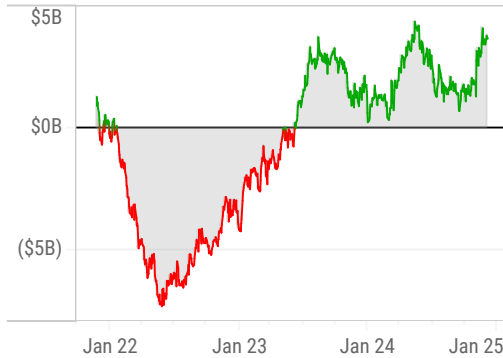
Energy



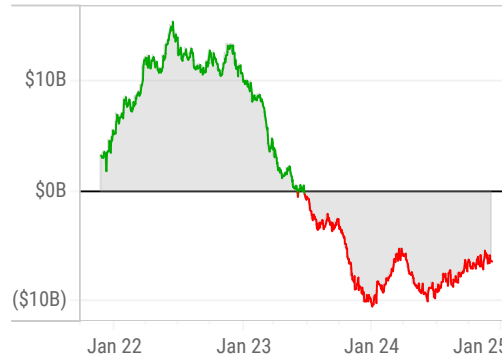
Financials



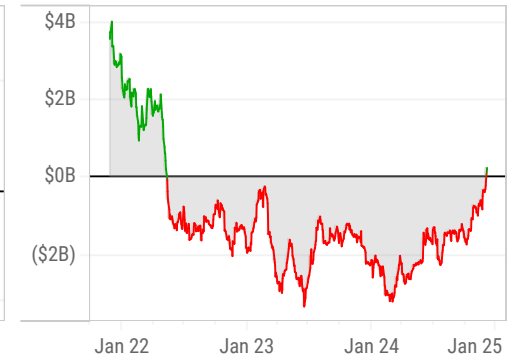
Industrial



Health Care



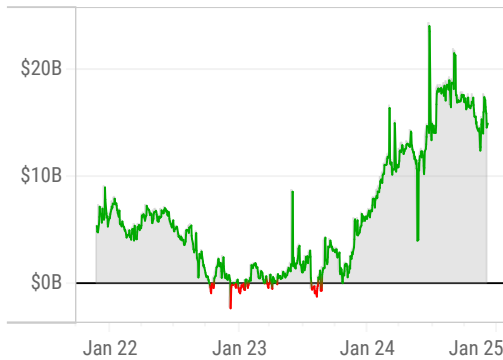
Materials



Real Estate



Technology

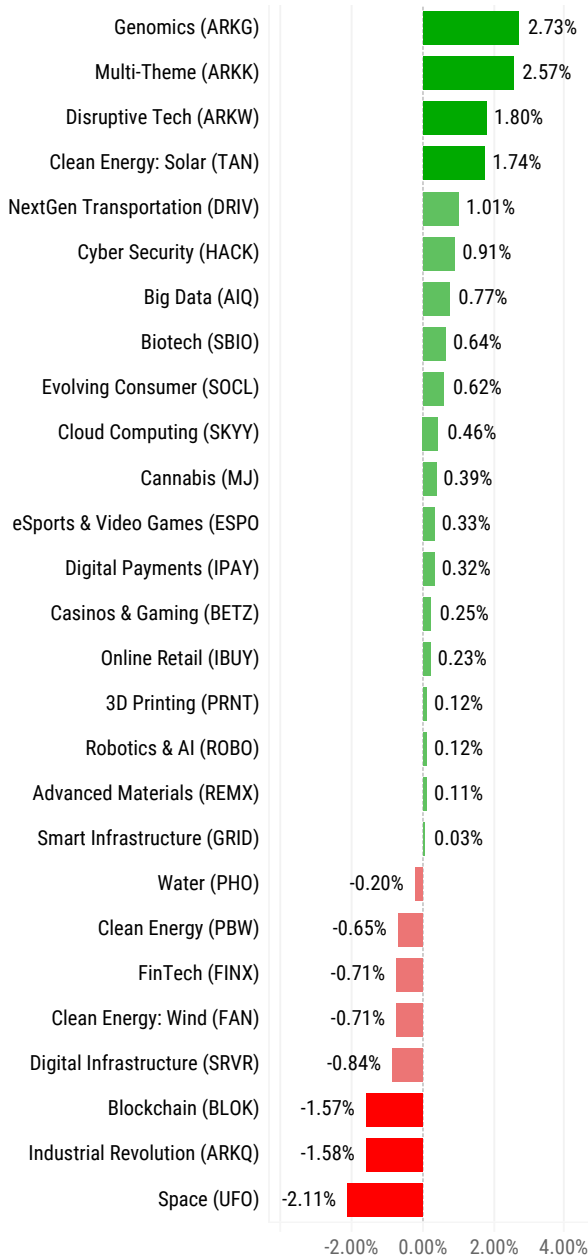


Utilities

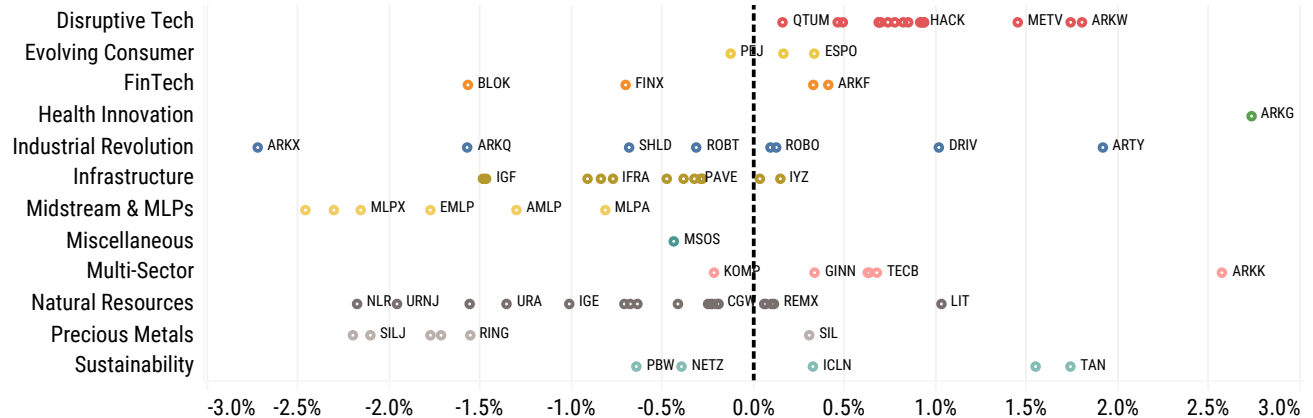


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance (%)
ARKG	ARK Genomic Revolution ETF	2.73%
ARKK	ARK Innovation ETF	2.57%
KARS	KraneShares Electric Vehicles & Future Mobility Index E..	1.95%
ARTY	iShares Future AI & Tech ETF	1.92%
IDGT	iShares U.S. Digital Infrastructure and Real Estate ETF	1.81%
ARKW	ARK Next Generation Internet ETF	1.80%
IGPT	Invesco AI and Next Gen Software ETF	1.74%
TAN	Invesco Solar ETF	1.74%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	1.55%
HTEC	ROBO Global Healthcare Technology and Innovation ETF	1.54%

Thematic Most Overbought

Ticker	Fund	Value
MILN	Global X Millennial Consumer ETF	82.49
ARKF	ARK Fintech Innovation ETF	77.46
BETZ	Roundhill Sports Betting & iGaming ETF	77.44
ESPO	VanEck Video Gaming and eSports ETF	76.21
ARKW	ARK Next Generation Internet ETF	75.65
LCLG	Logan Capital Broad Innovative Growth ETF	75.01
PEJ	Invesco Leisure and Entertainment ETF	74.75
CLOU	Global X Cloud Computing ETF	74.56
IPAY	Amplify Digital Payments ETF	74.51
AWAY	Amplify Travel Tech ETF	74.09

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance (%)
WGMI	CoinShares Valkyrie Bitcoin Miners ETF	-5.18%
BKCH	Global X Blockchain ETF	-3.79%
DAPP	VanEck Digital Transformation ETF	-3.19%
BITQ	Bitwise Crypto Industry Innovators ETF	-3.00%
ARKX	ARK Space Exploration & Innovation ETF	-2.73%
FDIG	Fidelity Crypto Industry and Digital Payments ETF	-2.71%
UMI	USCF Midstream Energy Income Fund ETF	-2.47%
TPYP	Tortoise North American Pipeline Fund	-2.31%
ENFR	Alerian Energy Infrastructure ETF	-2.26%
USAI	Pacer American Energy Independence ETF	-2.21%

Thematic Most Oversold

Ticker	Fund	Value
MJUS	Amplify U.S. Alternative Harvest ETF	34.79
SILJ	Amplify Junior Silver Miners ETF	34.98
MSOS	AdvisorShares Pure US Cannabis ETF	36.55
MJ	Amplify Alternative Harvest ETF	36.82
KLIP	KraneShares China Internet and Covered Call Strategy E..	37.42
SLVP	iShares MSCI Global Silver Miners ETF	38.63
ECON	Columbia Research Enhanced Emerging Economies ETF	39.37
GDX	VanEck Gold Miners ETF	40.54
RING	iShares MSCI Global Gold Miners ETF	41.36
GDXJ	VanEck Junior Gold Miners ETF	43.09

* 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
IGF	iShares Global Infrastructure ETF	\$282M
MLPX	Global X MLP & Energy Infrastructure ETF	\$137M
PAVE	Global X U.S. Infrastructure Development ETF	\$97M
XHB	SPDR S&P Homebuilders ETF	\$88M
AIRR	First Trust RBA American Industrial Renaissance ETF	\$64M

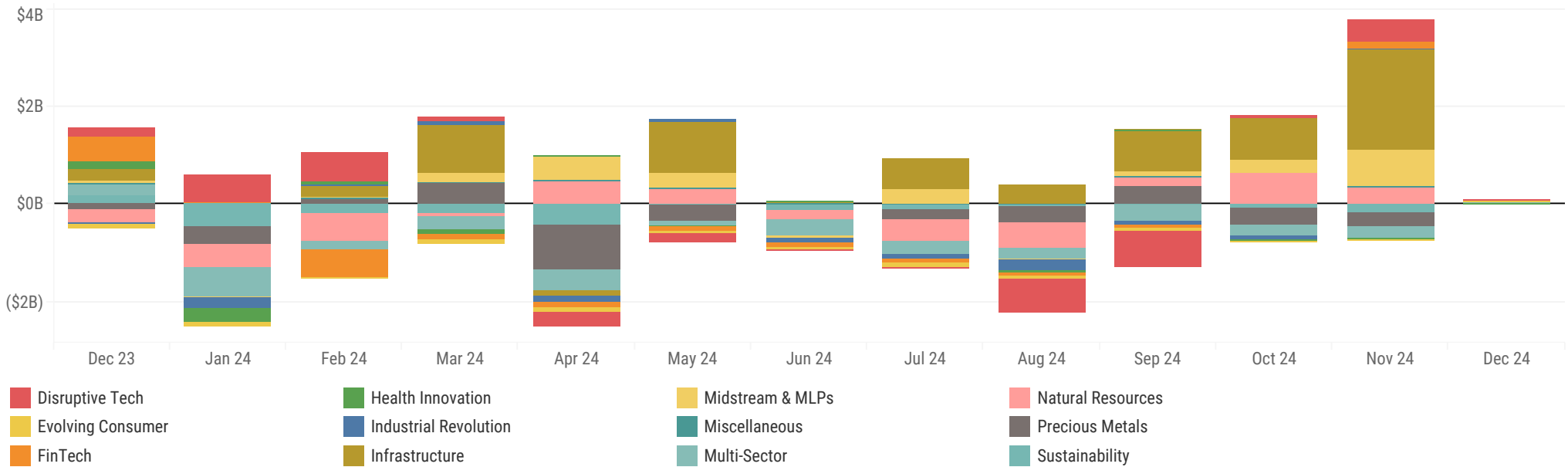
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
FDN	First Trust Dow Jones Internet Index Fund	(\$459M)
ARKK	ARK Innovation ETF	(\$65M)
GDJX	VanEck Junior Gold Miners ETF	(\$54M)
GNR	SPDR S&P Global Natural Resources ETF	(\$31M)
LIT	Global X Lithium & Battery Tech ETF	(\$30M)

Thematic Landscape Assets & Flows

Segment	Funds	1 Week	3 Month	6 Month	1 Year	AUM
Disruptive Tech	54	(\$430M)	(\$253M)	(\$866M)	\$12M	\$32B
Evolving Consumer	35	(\$3M)	(\$96M)	(\$316M)	(\$796M)	\$2B
FinTech	21	\$18M	\$86M	(\$129M)	(\$512M)	\$4B
Health Innovation	27	\$2M	(\$57M)	(\$133M)	(\$305M)	\$2B
Industrial Revolution	26	(\$18M)	(\$232M)	(\$551M)	(\$734M)	\$8B
Infrastructure	36	\$212M	\$3,594M	\$4,697M	\$7,230M	\$31B
Midstream & MLPs	12	\$167M	\$1,041M	\$1,319M	\$2,382M	\$19B
Miscellaneous	4	\$0M	(\$1M)	\$2M	\$7M	\$0B
Multi-Sector	31	(\$74M)	(\$588M)	(\$1,371M)	(\$2,718M)	\$15B
Natural Resources	57	\$40M	\$1,202M	\$84M	(\$522M)	\$31B
Precious Metals	12	(\$57M)	(\$259M)	(\$749M)	(\$1,927M)	\$23B
Sustainability	33	\$11M	(\$282M)	(\$597M)	(\$1,714M)	\$5B
Grand Total	348	(\$132M)	\$4,156M	\$1,391M	\$403M	\$173B

Thematic Monthly Flows



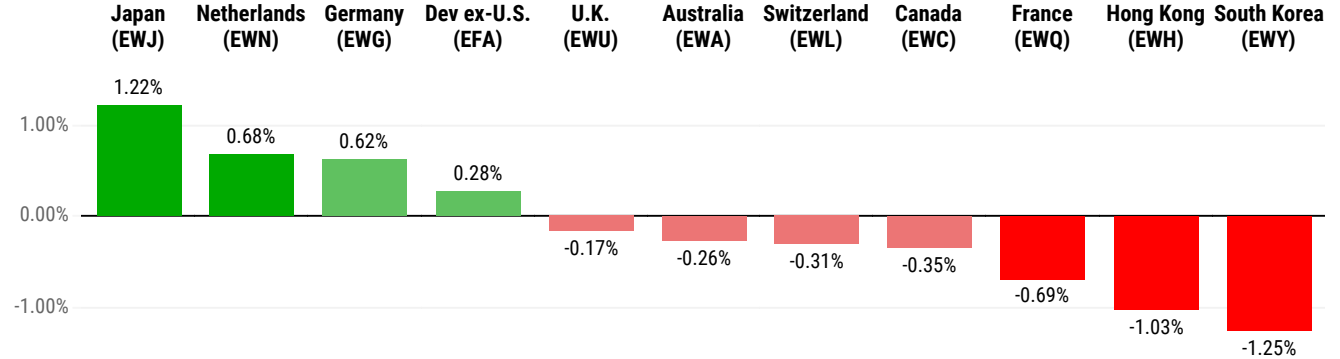
* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows data may be delayed based on when received from vendor. Refer to website for most up-to-date data available.

Developed ex-U.S. (EFA)

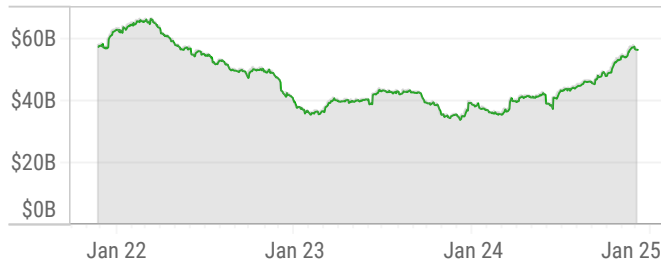


■ 200 Day Moving Average ■ Closing Price
■ 50 Day Moving Average

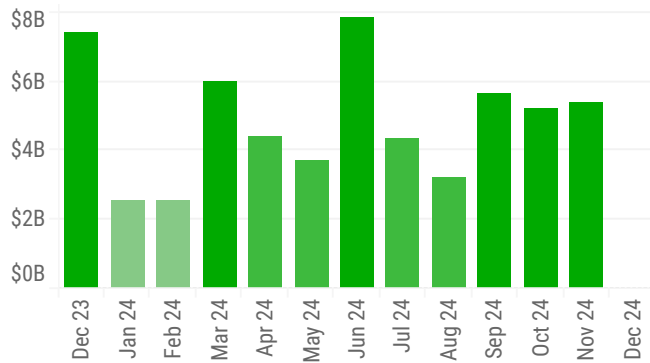
Developed ex-U.S. 1-Day Performance Top 10 Countries



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



Developed ex-U.S. Monthly Flows



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

Ticker	Fund	Performance
GREK	Global X MSCI Greece ETF	2.11%
FJP	First Trust Japan AlphaDEX Fund	1.54%
HEWJ	iShares Currency Hedged MSCI Japan ETF	1.34%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	1.30%
EWJV	iShares MSCI Japan Value ETF	1.29%
BBJP	JPMorgan BetaBuilders Japan ETF	1.28%
EWJ	iShares MSCI Japan ETF	1.22%
EDEN	iShares MSCI Denmark ETF	1.18%
DXJ	WisdomTree Japan Hedged Equity Fund	1.18%
HEDJ	WisdomTree Europe Hedged Equity Fund	1.16%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
ISRA	VanEck Israel ETF	72.51
EIS	iShares MSCI Israel ETF	71.95
ITEQ	Amplify BlueStar Israel Technology ETF	68.65
IZRL	ARK Israel Innovative Technology ETF	65.47
BBCA	JPMorgan BetaBuilders Canada ETF	65.39
DFJ	WisdomTree Japan SmallCap Dividend Fund	64.70
FLCA	Franklin FTSE Canada ETF	64.68
EWJV	iShares MSCI Japan Value ETF	64.59
IDMO	Invesco S&P International Developed Momentum ETF	64.53
FLJP	Franklin FTSE Japan ETF	64.27

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

Ticker	Fund	Performance
MKOR	Matthews Korea Active ETF	-1.67%
EWY	iShares MSCI South Korea ETF	-1.25%
FLKR	Franklin FTSE South Korea ETF	-1.14%
EWH	iShares MSCI Hong Kong ETF	-1.03%
IEUS	iShares MSCI Europe Small-Cap ETF	-0.79%
DFE	WisdomTree Europe SmallCap Dividend Fund	-0.76%
EWUS	iShares MSCI United Kingdom Small Cap ETF	-0.73%
IFGL	iShares International Developed Real Estate ETF	-0.72%
FEUZ	First Trust Eurozone AlphaDEX ETF	-0.70%
EWQ	iShares MSCI France ETF	-0.69%

Developed ex-U.S. Most Oversold

Ticker	Fund	Value
EWY	iShares MSCI South Korea ETF	36.55
FLKR	Franklin FTSE South Korea ETF	37.84
EWQ	iShares MSCI France ETF	37.89
EIRL	iShares MSCI Ireland ETF	38.96
EWI	iShares MSCI Italy ETF	40.79
MKOR	Matthews Korea Active ETF	42.13
DFE	WisdomTree Europe SmallCap Dividend Fund	42.39
FEUZ	First Trust Eurozone AlphaDEX ETF	42.82
IDOG	ALPS International Sector Dividend Dogs ETF	43.71
IEUS	iShares MSCI Europe Small-Cap ETF	44.51

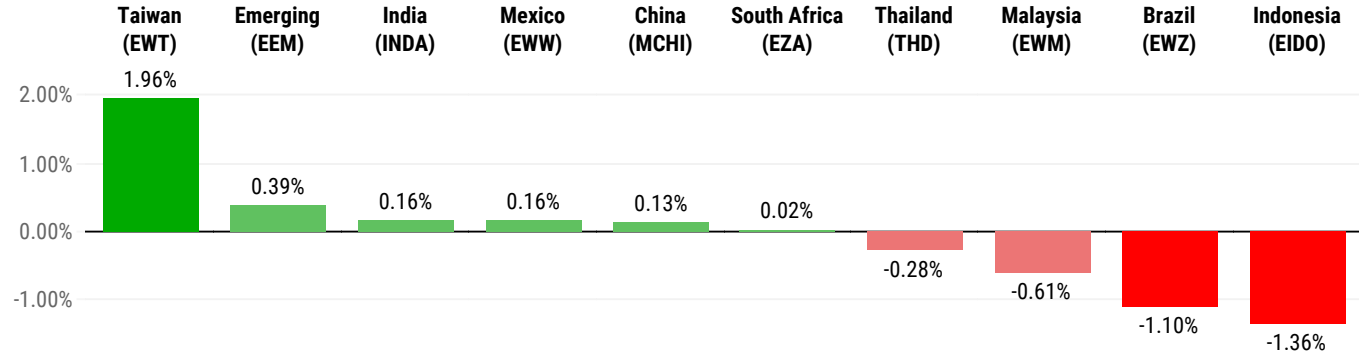
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Emerging (EEM)



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

Emerging 1-Day Performance Top 10 Countries



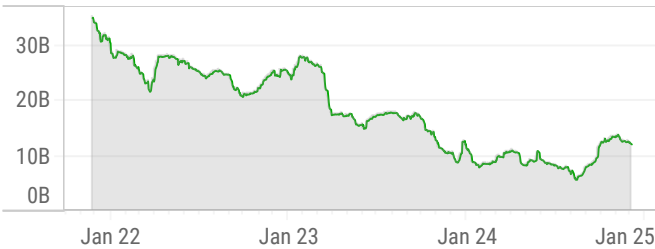
Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
FLTW	Franklin FTSE Taiwan ETF	2.21%
EWT	iShares MSCI Taiwan ETF	1.96%
FRDM	Freedom 100 Emerging Markets ETF	1.83%
EPOL	iShares MSCI Poland ETF	1.63%
EPHE	iShares MSCI Philippines ETF	1.32%
NUEM	Nuveen ESG Emerging Markets Equity ETF	1.24%
DRAG	Roundhill China Dragons ETF	1.19%
KWEB	KraneShares CSI China Internet ETF	1.14%
CHIQ	Global X MSCI China Consumer Discretionary ETF	1.13%
RAYE	Rayliant Quantamental Emerging Market ex-China Equi..	1.12%

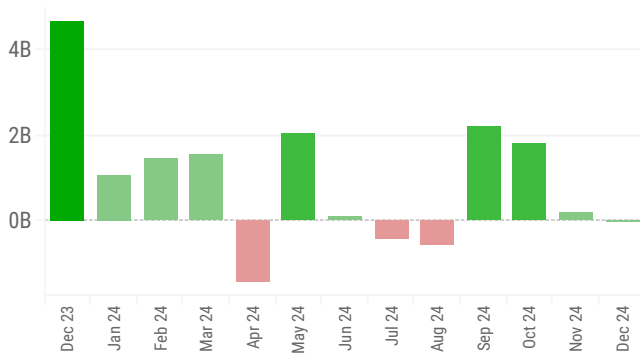
Emerging Most Overbought

Ticker	Fund	Value
ARGT	Global X MSCI Argentina ETF	76.75
INQQ	The India Internet ETF	67.11
TUR	iShares MSCI Turkey ETF	62.34
UAE	iShares MSCI UAE ETF	59.22
KWT	iShares MSCI Kuwait ETF	56.87
EWX	SPDR S&P Emerging Markets Small Cap ETF	55.62
SMIN	iShares MSCI India Small Cap ETF	55.22
EPOL	iShares MSCI Poland ETF	54.10
FLIN	Franklin FTSE India ETF	53.09
ECNS	iShares MSCI China Small-Cap ETF	52.59

Emerging 12-Month Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EIDO	iShares MSCI Indonesia ETF	-1.36%
FLMX	Franklin FTSE Mexico ETF	-1.17%
EWZ	iShares MSCI Brazil ETF	-1.10%
FLBR	Franklin FTSE Brazil ETF	-1.02%
QAT	iShares MSCI Qatar ETF	-0.82%
EYLD	Cambria Emerging Shareholder Yield ETF	-0.73%
GLIN	VanEck India Growth Leaders ETF	-0.69%
ILF	iShares Latin America 40 ETF	-0.69%
EWZS	iShares MSCI Brazil Small-Cap ETF	-0.66%
EWM	iShares MSCI Malaysia ETF	-0.61%

Emerging Most Oversold

Ticker	Fund	Value
EWZ	iShares MSCI Brazil ETF	24.11
ILF	iShares Latin America 40 ETF	25.34
FLBR	Franklin FTSE Brazil ETF	27.19
EIDO	iShares MSCI Indonesia ETF	29.48
EWZS	iShares MSCI Brazil Small-Cap ETF	29.49
EELV	Invesco S&P Emerging Markets Low Volatility ETF	36.64
EDIV	SPDR S&P Emerging Markets Dividend ETF	37.74
ECON	Columbia Research Enhanced Emerging Economie..	39.37
JPEM	JPMorgan Diversified Return Emerging Markets Eq..	40.38
EMCS	Xtrackers MSCI Emerging Markets Climate Selecti..	40.72

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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	0.01%	1.53%	3.06%
SHY	1-3 Year Treasury Bonds	-0.01%	0.32%	3.65%
IEF	7-10 Year Treasury Bonds	-0.01%	1.61%	1.65%
TLT	20+ Year Treasury Bonds	0.24%	3.69%	-1.56%
TIP	TIPS Bonds	-0.06%	0.87%	3.37%
FLOT	Floating Rate Bonds	0.02%	0.46%	6.01%
LQD	Investment Grade Corporate	0.16%	2.51%	3.79%
HYG	High Yield Corporate	-0.04%	1.60%	8.77%
BKLN	Senior Loan	0.09%	1.20%	7.89%
PFF	Preferred & Income Securities	-0.62%	0.63%	10.51%
MUB	Municipal Bonds	0.08%	1.75%	2.72%
MBB	MBS	-0.13%	1.83%	2.99%
EMB	Dollar Denominated EM Bonds	-0.11%	2.12%	7.82%
LEMB	Local Currency EM Bond	-0.41%	-0.35%	-0.49%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-1.20%	-0.48%	3.16%
DBE	Energy	-0.88%	-0.31%	-1.90%
USO	WTI Crude Oil	-0.80%	-1.36%	6.59%
BNO	Brent Crude Oil	-0.79%	-1.00%	5.35%
UNG	Natural Gas	-3.81%	11.22%	-31.56%
UGA	Gasoline	-0.18%	-1.02%	-0.86%
DBP	Precious Metals	-0.92%	-4.11%	27.11%
GLD	Gold	-0.88%	-3.58%	27.34%
SLV	Silver	-0.47%	-5.92%	27.59%
PPLT	Platinum	-0.39%	-4.29%	-4.87%
PALL	Palladium	-0.17%	-11.19%	-10.88%
DBB	Base Metals	0.25%	-1.27%	10.33%
CPER	Copper	0.27%	-5.41%	7.17%
DBA	Agriculture	-0.75%	4.90%	28.06%
CORN	Corn	0.25%	-0.19%	-16.94%
SOYB	Soybeans	-0.85%	-2.23%	-22.18%
WEAT	Wheat	-0.42%	-6.65%	-20.10%
CANE	Sugar	-0.08%	-2.50%	0.85%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.60%	2.42%	10.85%
UDN	Short Dollar	-0.66%	-1.89%	-2.60%
FXE	Euro	-0.61%	-2.96%	-2.96%
FXB	British Pound Sterling	-0.54%	-1.86%	2.17%
FXF	Swiss Franc	-0.58%	-1.78%	-5.19%
FXJ	Japanese Yen	0.08%	2.30%	-6.17%
FXC	Canadian Dollar	-0.29%	-0.59%	-3.82%
FXA	Australian Dollar	-0.67%	-1.12%	-3.60%

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

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