

Large Cap Blend (S&P 500) IVV



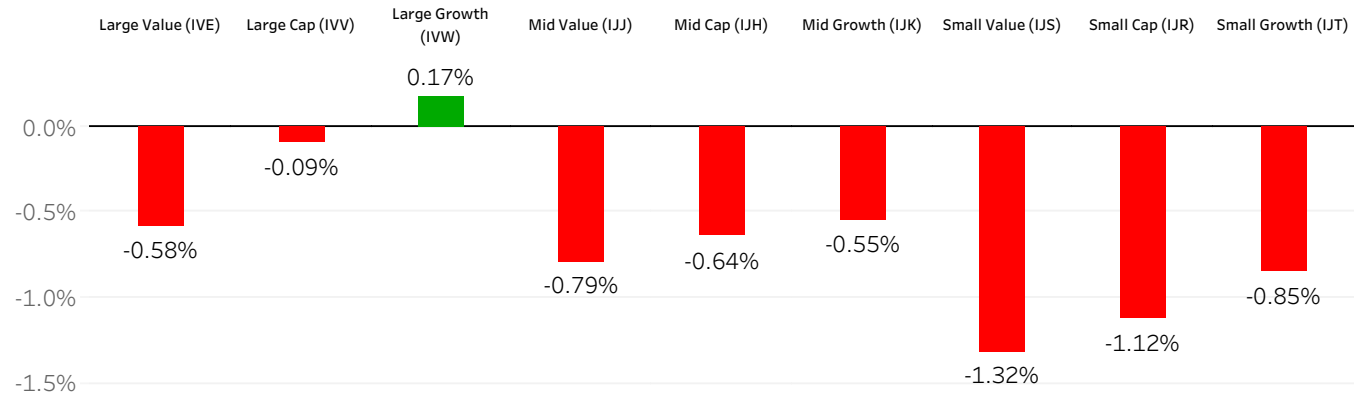
Mid Cap Blend (S&P 400) IJH



Small Cap Blend (S&P 600) IJR



U.S. Size & Style 1-Day Performance



Size & Style 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
FFTY	Innovator IBD 50 ETF	0.75%
MMLG	First Trust Multi-Manager Large Growth ETF	0.42%
FTC	First Trust Large Cap Growth AlphaDEX Fund	0.39%
WINN	Harbor Long-Term Growers ETF	0.39%
DRUP	GraniteShares Nasdaq Select Disruptors ETF	0.35%
MTUM	iShares MSCI USA Momentum Factor ETF	0.34%
SCHG	Schwab U.S. Large-Cap Growth ETF	0.30%
IWF	iShares Russell 1000 Growth ETF	0.29%
VOOG	Vanguard S&P 500 Growth ETF	0.28%
SPYG	SPDR Portfolio S&P 500 Growth ETF	0.28%

Size & Style Most Overbought

Ticker	Fund	Price
SIXA	ETC 6 Meridian Mega Cap Equity ETF	73.23
SPMO	Invesco S&P 500 Momentum ETF	67.79
OUSA	ALPS O'Shares U.S. Quality Dividend ETF	65.30
QLV	FlexShares US Quality Low Volatility Index Fund	64.66
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	64.65
CDL	VictoryShares US Large Cap High Dividend Volatility Wtd ..	64.34
EQWL	Invesco S&P 100 Equal Weight ETF	64.32
USMF	WisdomTree U.S. Multifactor Fund	64.22
HKND	Humankind US Stock ETF	64.20
MGV	Vanguard Mega Cap Value ETF	64.16

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	-1.83%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	-1.72%
XSVM	Invesco S&P SmallCap Value with Momentum ETF	-1.42%
CSF	VictoryShares US Discovery Enhanced Volatility Wtd ETF	-1.37%
AVSC	Avantis U.S. Small Cap Equity ETF	-1.35%
CSB	VictoryShares US Small Cap High Dividend Volatility Wtd..	-1.34%
SLYV	SPDR S&P 600 Small Cap Value ETF	-1.32%
SIXS	ETC 6 Meridian Small Cap Equity ETF	-1.32%
IJS	iShares S&P Small-Cap 600 Value ETF	-1.32%
SVAL	iShares US Small Cap Value Factor ETF	-1.31%

Size & Style Most Oversold

Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	23.18
CSF	VictoryShares US Discovery Enhanced Volatility Wtd..	36.33
FDM	First Trust Dow Jones Select MicroCap Index Fund	43.89
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	44.10
MGMT	Ballast Small/Mid Cap ETF	45.71
XSVM	Invesco S&P SmallCap Value with Momentum ETF	46.50
XSLV	Invesco S&P SmallCap Low Volatility ETF	46.60
SMDV	ProShares Russell 2000 Dividend Growers ETF	46.61
PTMC	Pacer Trendpilot US Mid Cap ETF	47.71
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	48.00

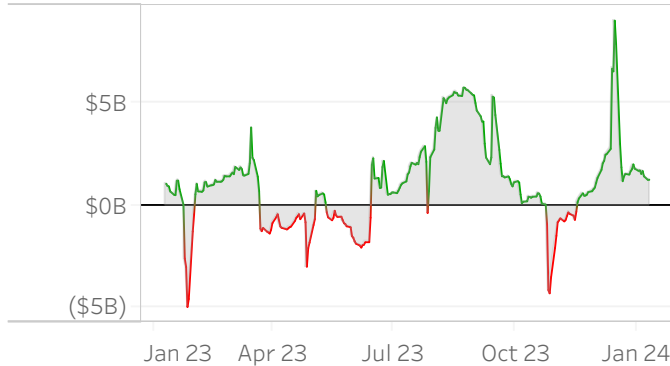
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

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

Large-Cap 30-Day Rolling Flows



Mid-Cap 30-Day Rolling Flows



Small-Cap 30-Day Rolling Flows



U.S. Size & Style Landscape Flows

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Large Cap, Beta, Beta	26	\$1,674B	\$0.65B	\$96.25B	\$115.56B	\$157.51B
Large Cap, Beta, Beta: Growth	10	\$314B	(\$1.29B)	\$7.83B	\$12.65B	\$16.68B
Large Cap, Beta, Beta: Value	11	\$242B	(\$0.97B)	\$4.86B	\$6.27B	(\$1.44B)
Mid Cap, Beta, Beta	10	\$208B	\$0.09B	\$0.18B	\$6.16B	\$7.62B
Mid Cap, Beta, Beta: Growth	6	\$39B	(\$0.12B)	\$0.82B	\$0.77B	\$1.05B
Mid Cap, Beta, Beta: Value	6	\$41B	\$0.01B	(\$0.05B)	(\$0.62B)	(\$2.24B)
Small Cap, Beta, Beta	11	\$229B	(\$0.96B)	\$13.37B	\$15.17B	\$20.84B
Small Cap, Beta, Beta: Growth	7	\$36B	\$0.07B	\$1.41B	\$1.44B	\$1.12B
Small Cap, Beta, Beta: Value	7	\$53B	\$0.00B	\$1.14B	\$0.43B	(\$0.67B)

U.S. Size & Style Flow Leaders

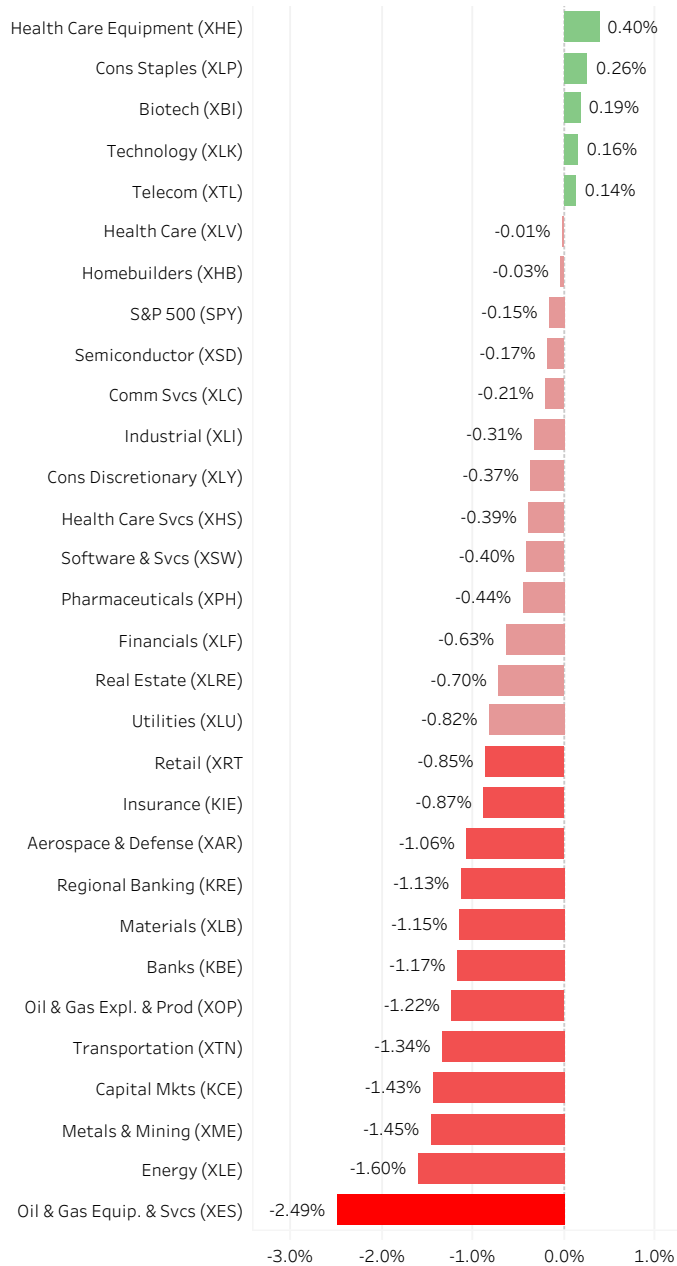
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	\$4.37B	\$14.02B	\$25.10B	\$45.61B	\$375.80B
IVV	iShares Core S&P 500 ETF	\$3.46B	\$20.29B	\$39.20B	\$41.58B	\$402.58B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.75B	\$1.79B	\$1.07B	\$0.01B	\$33.14B
VTI	Vanguard Total Stock Market ETF	\$0.68B	\$7.84B	\$14.06B	\$22.48B	\$342.37B
IWV	iShares Russell 3000 ETF	\$0.60B	\$0.80B	\$0.71B	(\$0.11B)	\$13.07B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.47B	\$6.05B	\$8.30B	\$13.50B	\$50.47B
IJR	iShares Core S&P Small Cap ETF	\$0.45B	\$1.33B	\$2.26B	\$3.27B	\$75.86B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.32B	\$4.33B	\$5.56B	\$7.42B	\$26.12B
SPTM	SPDR Portfolio S&P 1500 Composite Stock Ma..	\$0.20B	\$0.39B	\$0.60B	\$0.84B	\$7.64B
QQQM	Invesco NASDAQ 100 ETF	\$0.20B	\$2.13B	\$3.37B	\$8.62B	\$18.61B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	(\$1.40B)	\$8.70B	\$7.79B	\$8.04B	\$65.59B
IWD	iShares Russell 1000 Value ETF	(\$0.99B)	\$1.13B	\$0.27B	(\$4.12B)	\$53.52B
IWF	iShares Russell 1000 Growth ETF	(\$0.81B)	\$1.49B	\$1.78B	(\$0.96B)	\$78.55B
VIG	Vanguard Dividend Appreciation ETF	(\$0.42B)	\$0.78B	\$0.58B	\$0.45B	\$73.38B
IWY	iShares Russell Top 200 Growth ETF	(\$0.38B)	\$0.51B	\$0.15B	\$1.31B	\$7.99B
QQQ	Invesco QQQ Trust Series I	(\$0.24B)	\$3.46B	\$4.72B	\$9.05B	\$229.02B
DSTL	Distillate US Fundamental Stability & Value E..	(\$0.20B)	\$0.12B	\$0.33B	\$0.44B	\$1.52B
HDV	iShares Core High Dividend ETF	(\$0.16B)	(\$0.41B)	(\$0.50B)	(\$2.66B)	\$10.27B
FDLO	Fidelity Low Volatility Factor ETF	(\$0.15B)	\$0.33B	\$0.39B	\$0.41B	\$0.98B
IVW	iShares S&P 500 Growth ETF	(\$0.12B)	(\$0.32B)	\$1.22B	\$0.70B	\$36.37B

* 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)
XLV	Health Care Select Sector SPDR Fund	-0.01%	13.96%	6.11%	6.44%	76.92
XLC	Communication Services Select Sector SPDR Fund	-0.21%	39.71%	3.57%	10.91%	62.90
SPY	SPDR S&P 500 ETF Trust	-0.59%	22.97%	3.34%	8.10%	60.62
XLF	Financial Select Sector SPDR Fund	-0.63%	21.85%	4.96%	10.80%	63.63
XLI	Industrial Select Sector SPDR Fund	-2.03%	15.94%	3.29%	6.90%	54.17
XLK	Technology Select Sector SPDR Fund	-2.09%	41.09%	2.18%	11.14%	53.40
XLB	Materials Select Sector SPDR Fund	-2.88%	12.45%	2.01%	3.73%	47.94
XLY	Consumer Discretionary Select Sector SPDR Fund	-3.58%	26.56%	2.19%	7.10%	49.58
XLRE	Real Estate Select Sector SPDR Fund	-5.45%	22.86%	5.12%	7.68%	55.46
XLP	Consumer Staples Select Sector SPDR Fund	-6.15%	9.83%	3.04%	0.34%	62.99
XLU	Utilities Select Sector SPDR Fund	-7.86%	14.74%	2.62%	0.28%	58.38
XLE	Energy Select Sector SPDR Fund	-11.78%	7.53%	-2.20%	-2.85%	40.24

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PTH	Invesco Dorsey Wright Healthcare Momentum ETF	0.83%
FDN	First Trust Dow Jones Internet Index Fund	0.68%
QTEC	First Trust NASDAQ-100 Technology Sector Index ..	0.56%
PINK	Simplify Health Care ETF	0.51%
RSPS	Invesco S&P 500 Equal Weight Consumer Staples ..	0.43%
IGV	iShares Expanded Tech-Software Sector ETF	0.41%
XHE	SPDR S&P Health Care Equipment ETF	0.40%
IGPT	Invesco AI and Next Gen Software ETF	0.39%
IGM	iShares Expanded Tech Sector ETF	0.35%
XNTK	SPDR NYSE Technology ETF	0.32%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IHE	iShares U.S. Pharmaceuticals ETF	77.10
XLV	Health Care Select Sector SPDR Fund	76.92
IYH	iShares U.S. Healthcare ETF	76.38
VHT	Vanguard Health Care ETF	76.21
FHLC	Fidelity MSCI Health Care Index ETF	75.34
PINK	Simplify Health Care ETF	75.02
XPH	SPDR S&P Pharmaceuticals ETF	74.67
XBI	SPDR S&P BIOTECH ETF	71.53
PJP	Invesco Pharmaceuticals ETF	69.83
RSPH	Invesco S&P 500 Equal Weight Health Care ETF	68.89

Sector & Industry 1 Day Performance Laggards

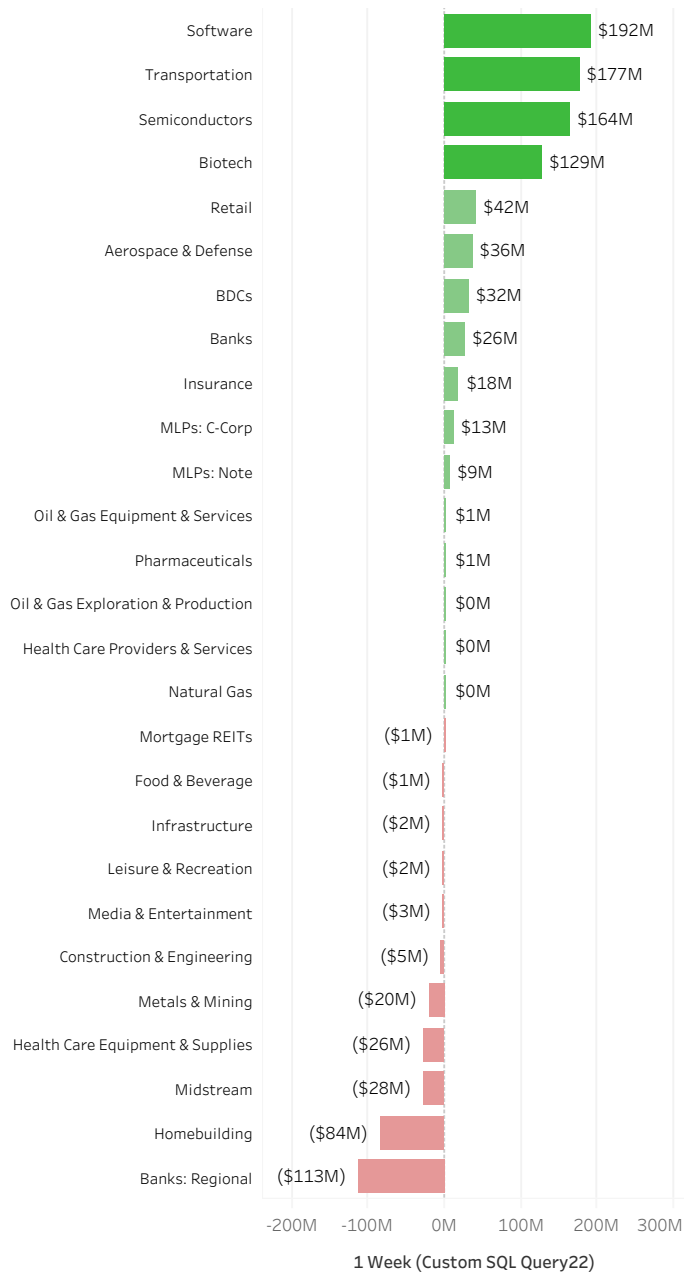
Ticker	Fund	1 Day Performance
IEZ	iShares U.S. Oil Equipment & Services ETF	-2.71%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-2.49%
PSCE	Invesco S&P SmallCap Energy ETF	-1.75%
XLE	Energy Select Sector SPDR Fund	-1.60%
PXJ	Invesco Oil & Gas Services ETF	-1.57%
FENY	Fidelity MSCI Energy Index ETF	-1.57%
VDE	Vanguard Energy ETF	-1.55%
PYZ	Invesco Dorsey Wright Basic Materials Momentum ETF	-1.54%
FTXN	First Trust Nasdaq Oil & Gas ETF	-1.53%
IYE	iShares U.S. Energy ETF	-1.52%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IEZ	iShares U.S. Oil Equipment & Services ETF	34.05
XES	SPDR S&P Oil & Gas Equipment & Services ETF	36.20
PSCE	Invesco S&P SmallCap Energy ETF	37.90
VDE	Vanguard Energy ETF	39.75
RSPG	Invesco S&P 500 Equal Weight Energy ETF	39.91
FTXN	First Trust Nasdaq Oil & Gas ETF	40.04
XLE	Energy Select Sector SPDR Fund	40.24
ITA	iShares U.S. Aerospace & Defense ETF	40.32
FENY	Fidelity MSCI Energy Index ETF	40.35
IYE	iShares U.S. Energy ETF	40.39

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U.S. Sector & Industry 1-Week Flows



U.S. Sector Landscape

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Communication Services	7	\$21B	\$223M	\$1,641M	\$1,988M	\$4,185M
Consumer Discretionary	12	\$28B	(\$396M)	\$87M	\$1,166M	\$2,685M
Consumer Staples	10	\$26B	(\$54M)	(\$2,590M)	(\$3,916M)	(\$3,784M)
Energy	30	\$70B	\$124M	(\$685M)	\$2,389M	(\$7,817M)
Financials	26	\$63B	\$412M	\$1,801M	(\$717M)	\$716M
Health Care	23	\$90B	\$709M	(\$2,071M)	(\$5,472M)	(\$9,404M)
Industrial	13	\$36B	\$182M	\$57M	\$312M	\$451M
Materials	9	\$12B	\$480M	(\$594M)	(\$1,065M)	(\$2,326M)
Multi-Sector	16	\$20B	(\$114M)	(\$445M)	(\$6M)	\$2,229M
Real Estate	25	\$61B	\$256M	\$2,623M	\$2,363M	(\$843M)
Technology	23	\$172B	(\$11M)	\$4,402M	\$5,122M	\$5,792M
Utilities	9	\$23B	\$268M	(\$1,148M)	(\$1,375M)	(\$1,555M)

U.S. Sector & Industry Flow Leaders

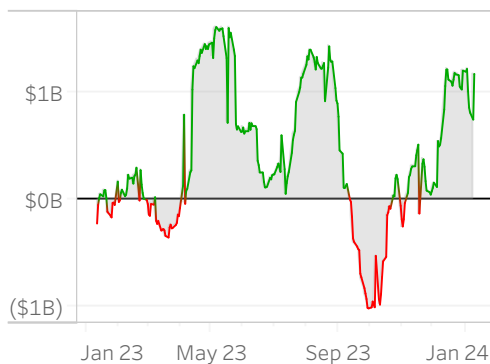
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	\$592M	(\$1,287M)	(\$3,440M)	(\$3,278M)	\$39,667M
XLB	Materials Select Sector SPDR Fund	\$519M	(\$63M)	(\$294M)	(\$276M)	\$5,603M
XLF	Financial Select Sector SPDR Fund	\$429M	\$376M	(\$1,651M)	(\$99M)	\$34,746M
XLU	Utilities Select Sector SPDR Fund	\$236M	(\$471M)	(\$500M)	(\$428M)	\$14,730M
XLC	Communication Services Select Sector SPDR Fu..	\$216M	\$1,768M	\$1,721M	\$3,919M	\$16,569M
IGV	iShares Expanded Tech-Software Sector ETF	\$194M	\$33M	\$14M	\$606M	\$7,428M
IYT	iShares US Transportation ETF	\$178M	(\$49M)	(\$81M)	\$34M	\$895M
IBB	iShares Biotechnology ETF	\$177M	(\$42M)	(\$321M)	(\$1,246M)	\$7,882M
VNQ	Vanguard Real Estate ETF	\$167M	(\$325M)	(\$148M)	(\$1,513M)	\$33,718M
SOXX	iShares Semiconductor ETF	\$159M	\$92M	\$348M	\$368M	\$10,185M

U.S. Sector & Industry Flow Laggards

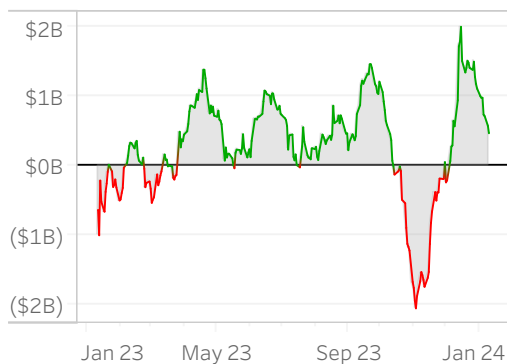
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$409M)	\$419M	\$1,065M	\$1,356M	\$18,646M
KRE	SPDR S&P Regional Banking ETF	(\$105M)	\$624M	\$160M	\$1,416M	\$3,891M
XHB	SPDR S&P Homebuilders ETF	(\$50M)	\$171M	\$9M	\$224M	\$1,613M
XLI	Industrial Select Sector SPDR Fund	(\$41M)	(\$499M)	(\$284M)	(\$1,017M)	\$15,290M
XBI	SPDR S&P BIOTECH ETF	(\$40M)	\$281M	\$56M	(\$1,892M)	\$7,301M
VCR	Vanguard Consumer Discretionary ETF	(\$36M)	(\$131M)	\$113M	\$199M	\$5,132M
ITB	iShares U.S. Home Construction ETF	(\$34M)	(\$107M)	(\$302M)	\$63M	\$2,335M
TPYP	Tortoise North American Pipeline Fund	(\$28M)	(\$10M)	(\$21M)	(\$80M)	\$495M
IHI	iShares U.S. Medical Devices ETF	(\$26M)	(\$243M)	(\$421M)	(\$916M)	\$5,270M
XLP	Consumer Staples Select Sector SPDR Fund	(\$25M)	(\$1,674M)	(\$1,648M)	(\$1,514M)	\$15,325M

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Communication Services



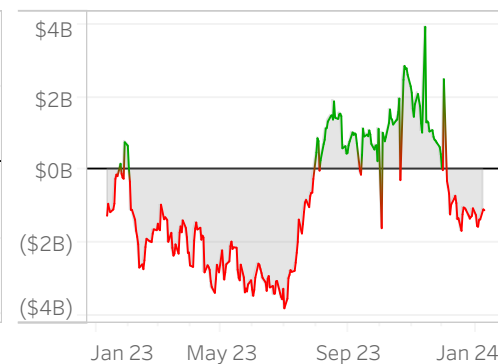
Consumer Discretionary



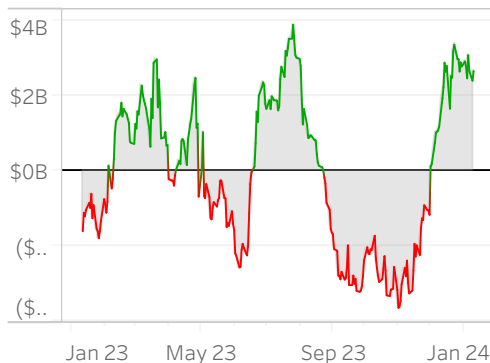
Consumer Staples



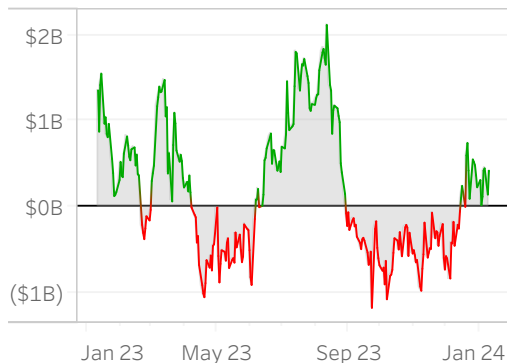
Energy



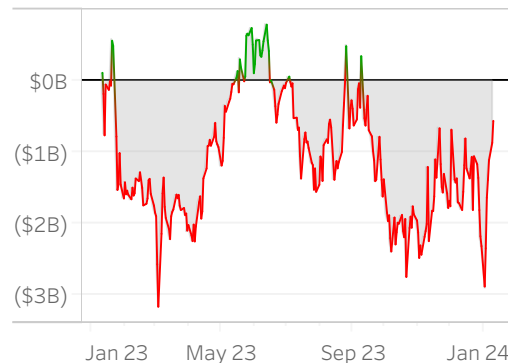
Financials



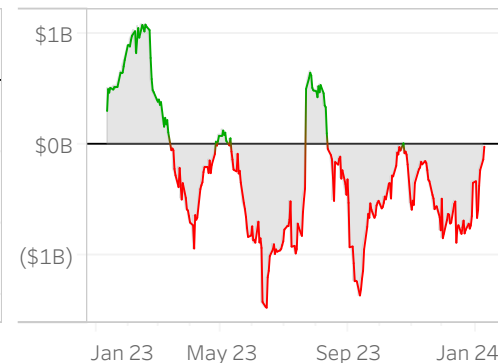
Industrial



Health Care



Materials



Real Estate



Technology



Utilities

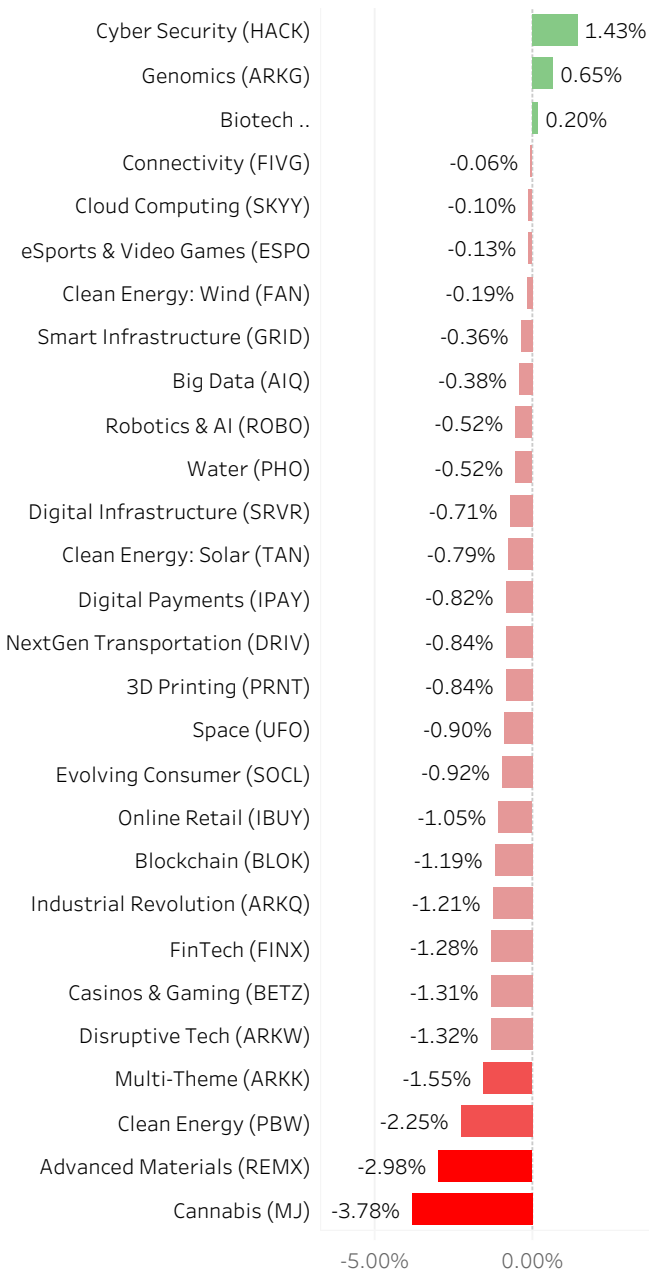


Multi-Sector

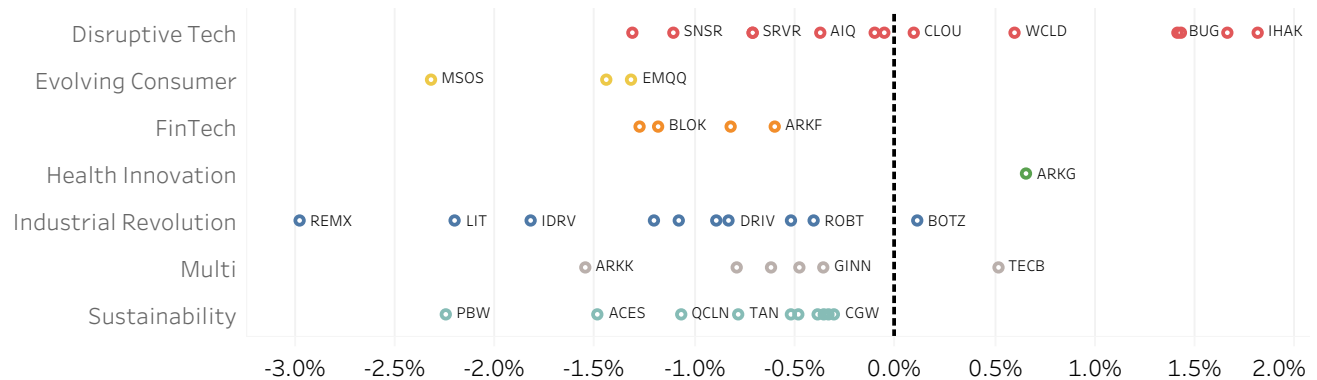


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
IHAK	iShares Cybersecurity & Tech ETF	1.81%
CIBR	First Trust NASDAQ Cybersecurity ETF	1.66%
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Securit..	1.43%
BUG	Global X Cybersecurity ETF	1.41%
WCBR	WisdomTree Cybersecurity Fund	1.22%
ARKG	ARK Genomic Revolution ETF	0.65%
WCLD	WisdomTree Cloud Computing Fund	0.59%
HERO	Global X Video Games & Esports ETF	0.56%
TECB	iShares U.S. Tech Breakthrough Multisector ETF	0.51%
PAWZ	ProShares Pet Care ETF	0.31%

Thematic Most Overbought

Ticker	Fund	1-Day Performance
IDNA	iShares Genomics Immunology and Healthcare ETF	67.69
SBIO	ALPS Medical Breakthroughs ETF	67.29
AGNG	Global X Aging Population ETF	67.04
TECB	iShares U.S. Tech Breakthrough Multisector ETF	63.97
HTEC	ROBO Global Healthcare Technology and Innovation ETF	63.77
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Security ..	62.90
MJUS	ETFMG U.S. Alternative Harvest ETF	61.13
IHAK	iShares Cybersecurity & Tech ETF	60.50
MSOS	AdvisorShares Pure US Cannabis ETF	59.60
PAWZ	ProShares Pet Care ETF	59.53

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
MJ	ETFMG Alternative Harvest ETFMG Alternative Harvest	-3.78%
REMX	VanEck Rare Earth/Strategic Metals ETF	-2.98%
FDIG	Fidelity Crypto Industry and Digital Payments ETF	-2.62%
WGMI	Valkyrie Bitcoin Miners ETF	-2.59%
BATT	Amplify Lithium & Battery Technology ETF	-2.56%
KARS	KraneShares Electric Vehicles & Future Mobility Index ..	-2.34%
MSOS	AdvisorShares Pure US Cannabis ETF	-2.32%
PBW	Invesco WilderHill Clean Energy ETF	-2.25%
DAPP	VanEck Digital Transformation ETF	-2.21%
LIT	Global X Lithium & Battery Tech ETF	-2.20%

Thematic Most Oversold

Ticker	Fund	1-Day Performance
KGRN	KraneShares MSCI China Clean Technology Index ETF	35.89
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	36.15
BATT	Amplify Lithium & Battery Technology ETF	36.28
KWEB	KraneShares CSI China Internet ETF	37.76
REMX	VanEck Rare Earth/Strategic Metals ETF	38.12
EVX	VanEck Environmental Services ETF	38.51
IDRV	iShares Self-driving EV & Tech ETF	39.45
LIT	Global X Lithium & Battery Tech ETF	39.70
PBW	Invesco WilderHill Clean Energy ETF	40.11
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	41.44

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
AIO	Global X Artificial Intelligence & Technology ETF	\$37M
LIT	Global X Lithium & Battery Tech ETF	\$31M
WCLD	WisdomTree Cloud Computing Fund	\$14M
REMX	VanEck Rare Earth/Strategic Metals ETF	\$12M
TARK	AXS 2X Innovation ETF	\$12M
MSOS	AdvisorShares Pure US Cannabis ETF	\$9M
SKYY	First Trust Cloud Computing ETF	\$9M
IHAK	iShares Cybersecurity & Tech ETF	\$7M
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	\$7M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$5M

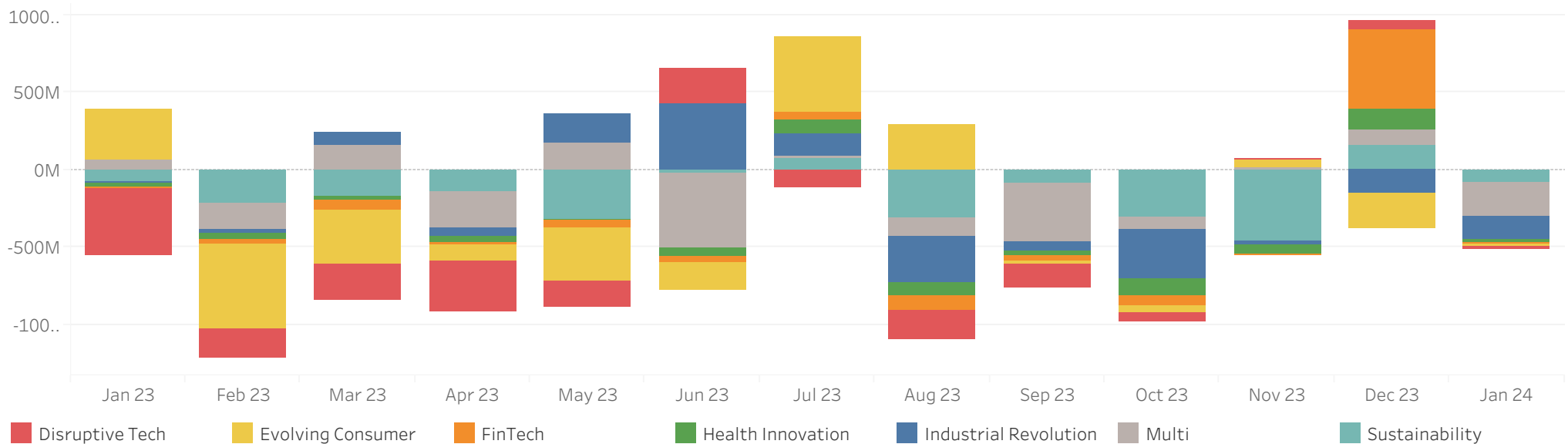
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$137M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$134M)
ARKW	ARK Next Generation Internet ETF	(\$39M)
TAN	Invesco Solar ETF	(\$28M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$18M)
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Security Fund	(\$18M)
XT	iShares Exponential Technologies ETF	(\$17M)
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	(\$14M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$12M)
ARKF	ARK Fintech Innovation ETF	(\$12M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$18B	(\$66M)	(\$4M)	(\$467M)	(\$1,585M)
Evolving Consumer	37	\$8B	(\$15M)	(\$235M)	\$511M	(\$696M)
FinTech	17	\$4B	(\$11M)	\$479M	\$314M	\$146M
Health Innovation	17	\$3B	(\$22M)	(\$43M)	(\$64M)	(\$271M)
Industrial Revolution	30	\$10B	(\$119M)	(\$566M)	(\$934M)	(\$272M)
Multi	35	\$16B	(\$101M)	(\$195M)	(\$608M)	(\$1,159M)
Sustainability	40	\$13B	(\$72M)	(\$605M)	(\$1,184M)	(\$1,968M)
Grand Total	209	\$72B	(\$406M)	(\$1,169M)	(\$2,434M)	(\$5,806M)

Thematic Monthly Flows

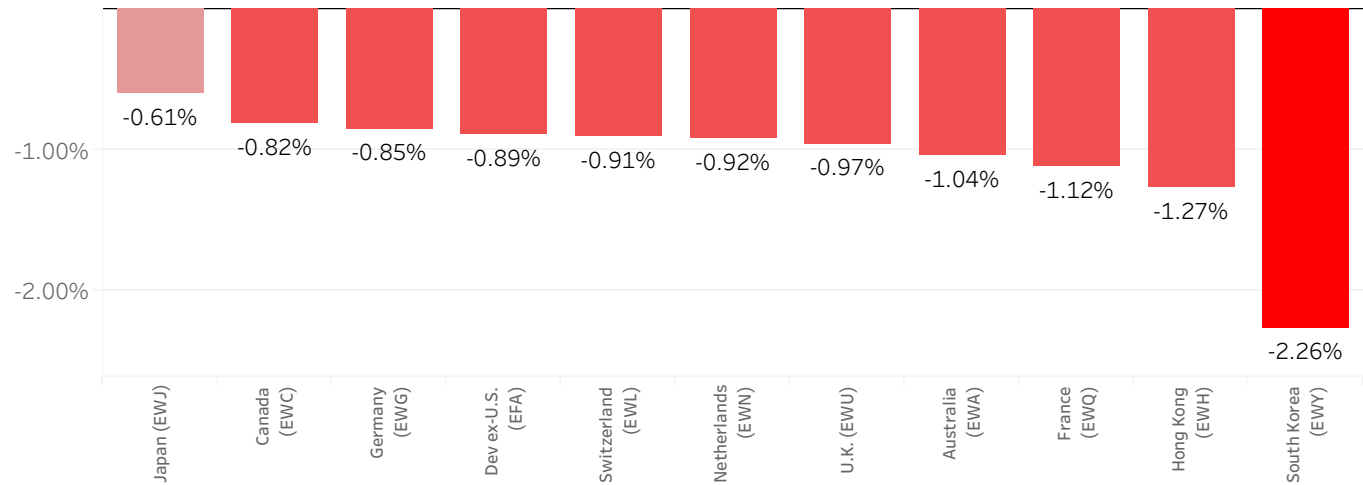


*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

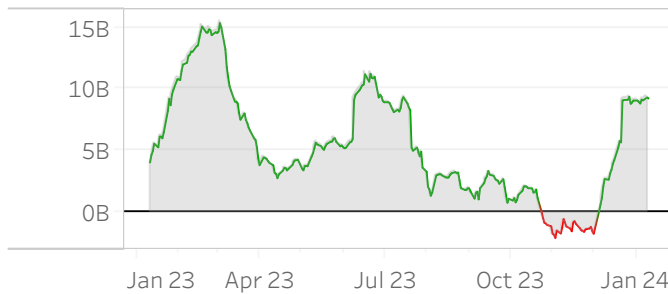
Developed ex-U.S. (EFA)



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



Developed ex-U.S. 30-Day Rolling Flows



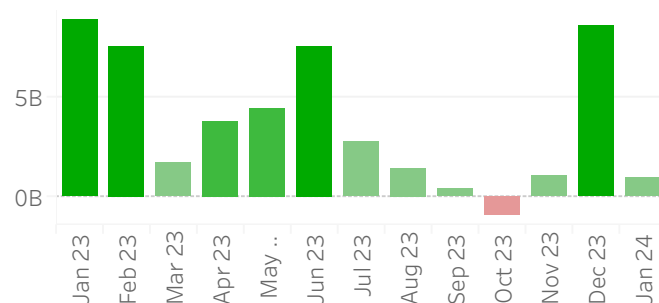
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
GREK	Global X MSCI Greece ETF	0.73%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	0.43%
EDEN	iShares MSCI Denmark ETF	0.10%
ENZL	iShares MSCI New Zealand ETF	0.02%
DFJ	WisdomTree Japan SmallCap Dividend Fund	0.00%
SCJ	iShares MSCI Japan Small-Cap ETF	-0.03%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	-0.29%
HEWJ	iShares Currency Hedged MSCI Japan ETF	-0.31%
TOK	iShares MSCI Kokusai ETF	-0.33%
IMOM	Alpha Architect International Quantitative Momentum ETF	-0.34%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	70.77
EDEN	iShares MSCI Denmark ETF	70.33
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	66.32
DFJ	WisdomTree Japan SmallCap Dividend Fund	65.26
HEWJ	iShares Currency Hedged MSCI Japan ETF	62.64
GREK	Global X MSCI Greece ETF	62.30
RFDI	First Trust Riverfront Dynamic Developed International E..	60.75
SCJ	iShares MSCI Japan Small-Cap ETF	60.49
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	60.49
DXJ	WisdomTree Japan Hedged Equity Fund	60.36

Developed ex-U.S. Monthly Flows



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

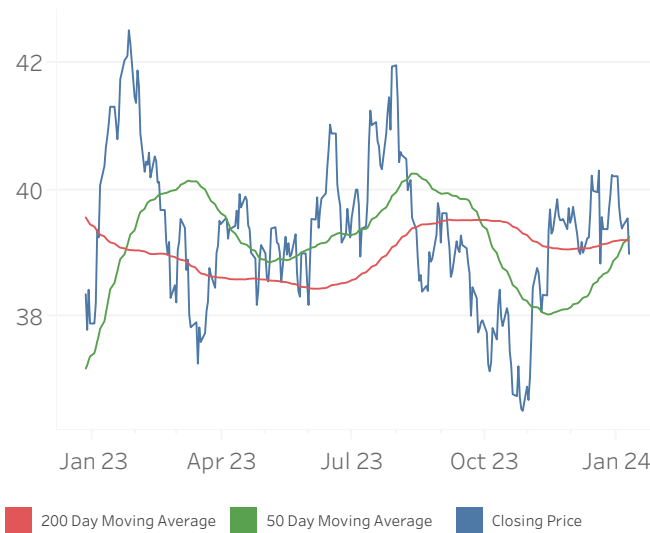
Ticker	Fund	1-Day Performance
EWY	iShares MSCI South Korea ETF	-2.26%
FLKR	Franklin FTSE South Korea ETF	-2.13%
AIA	iShares Asia 50 ETF	-2.12%
EWP	iShares MSCI Spain ETF	-2.11%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-1.43%
EIRL	iShares MSCI Ireland ETF	-1.34%
EWD	iShares MSCI Sweden ETF	-1.28%
EWY	iShares MSCI South Korea ETF	-1.27%
DFIV	Dimensional International Value ETF	-1.25%
AVIV	Avantis International Large Cap Value ETF	-1.22%

Developed ex-U.S. Most Oversold

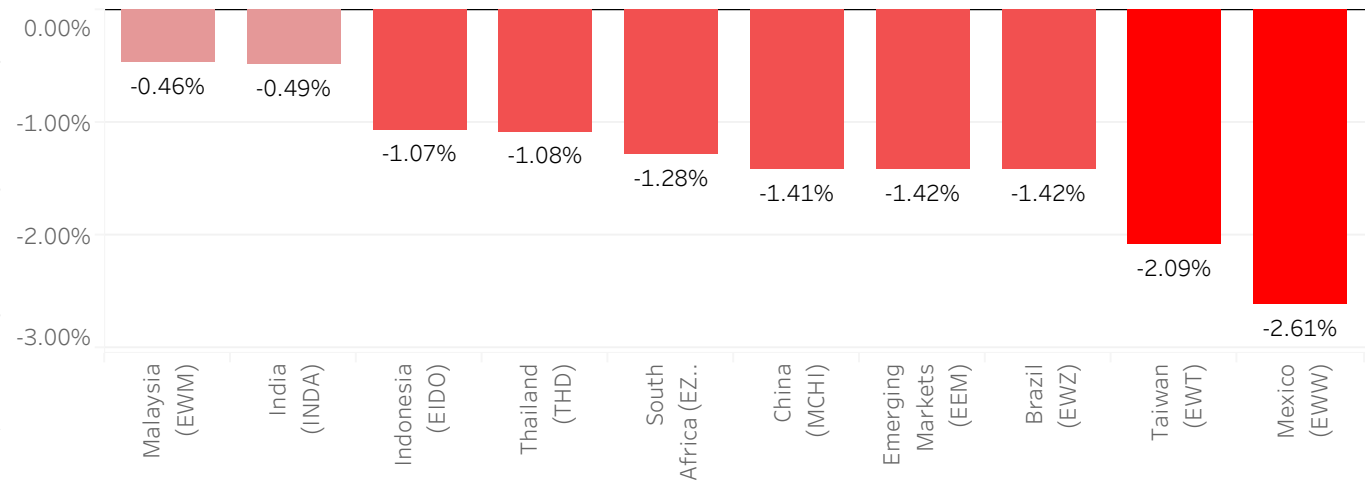
Ticker	Fund	Value
EWY	iShares MSCI South Korea ETF	40.52
FLKR	Franklin FTSE South Korea ETF	44.05
EWQ	iShares MSCI France ETF	45.81
EWD	iShares MSCI Sweden ETF	45.92
EPP	iShares MSCI Pacific ex-Japan ETF	46.99
EWP	iShares MSCI Spain ETF	47.06
PTIN	Pacer Trendpilot International ETF	47.17
EWY	iShares MSCI South Korea ETF	40.52
AIA	iShares Asia 50 ETF	37.62
AAXJ	iShares MSCI All Country Asia ex Japan ETF	40.24
EWY	iShares MSCI South Korea ETF	40.52
FLKR	Franklin FTSE South Korea ETF	44.05
EWQ	iShares MSCI France ETF	45.81
EWD	iShares MSCI Sweden ETF	45.92
EPP	iShares MSCI Pacific ex-Japan ETF	46.99
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Emerging (EEM)



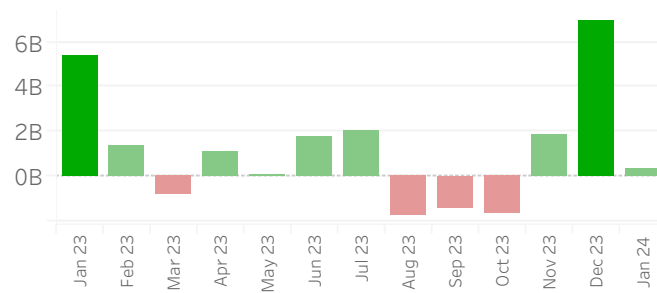
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
NFTY	First Trust India NIFTY 50 Equal Weight ETF	0.13%
GLIN	VanEck India Growth Leaders ETF	-0.28%
FLIN	Franklin FTSE India ETF	-0.34%
PIN	Invesco India ETF	-0.35%
EDIV	SPDR S&P Emerging Markets Dividend ETF	-0.44%
EWM	iShares MSCI Malaysia ETF	-0.46%
EYLD	Cambria Emerging Shareholder Yield ETF	-0.49%
INDA	iShares MSCI India ETF	-0.49%
CNYA	iShares MSCI China A ETF	-0.53%
SMIN	iShares MSCI India Small Cap ETF	-0.53%

Emerging Most Overbought

Ticker	Fund	Value
KWT	iShares MSCI Kuwait ETF	77.63
SMIN	iShares MSCI India Small Cap ETF	67.25
EPI	WisdomTree India Earnings Fund	64.17
FLIN	Franklin FTSE India ETF	64.13
INDA	iShares MSCI India ETF	63.42
FM	iShares Frontier and Select EM ETF	63.32
KSA	iShares MSCI Saudi Arabia ETF	62.49
NFTY	First Trust India NIFTY 50 Equal Weight ETF	61.52
GLIN	VanEck India Growth Leaders ETF	61.40
EWM	iShares MSCI Malaysia ETF	60.67

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EWW	iShares MSCI Mexico ETF	-2.61%
FLTW	Franklin FTSE Taiwan ETF	-2.15%
EWT	iShares MSCI Taiwan ETF	-2.09%
FXI	iShares China Large-Cap ETF	-2.01%
FLLA	Franklin FTSE Latin America ETF	-1.83%
ILF	iShares Latin America 40 ETF	-1.77%
QAT	iShares MSCI Qatar ETF	-1.64%
FLCH	Franklin FTSE China ETF	-1.64%
XCEM	Columbia EM Core ex-China ETF	-1.63%
PIE	Invesco Dorsey Wright Emerging Markets Momentum E..	-1.59%

Emerging Most Oversold

Ticker	Fund	Value
CNYA	iShares MSCI China A ETF	29.13
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	31.53
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	31.95
ECNS	iShares MSCI China Small-Cap ETF	32.85
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	33.98
FXI	iShares China Large-Cap ETF	34.96
GXC	SPDR S&P China ETF	34.98
FLCH	Franklin FTSE China ETF	35.01
MCHI	iShares MSCI China ETF	35.11
EWT	iShares MSCI Taiwan ETF	37.10

*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	-0.02%	2.00%	-0.71%
SHY	1-3 Year Treasury Bonds	0.02%	0.93%	-0.07%
IEF	7-10 Year Treasury Bonds	-0.04%	2.07%	-0.81%
TLT	20+ Year Treasury Bonds	-0.64%	2.52%	-2.29%
TIP	TIPS Bonds	-0.20%	1.29%	-0.60%
FLOT	Floating Rate Bonds	0.08%	0.61%	0.24%
LQD	Investment Grade Corporate	0.17%	2.52%	-0.89%
HYG	High Yield Corporate	0.16%	2.31%	-0.21%
BKLN	Senior Loan	-0.09%	1.56%	-0.05%
PFF	Preferred & Income Securities	0.03%	3.11%	0.74%
MUB	Municipal Bonds	-0.02%	1.47%	0.02%
MBB	MBS	-0.16%	2.12%	-0.88%
EMB	Dollar Denominated EM Bonds	-0.39%	0.53%	-2.38%
LEMB	Local Currency EM Bond	-0.22%	1.99%	-1.01%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.91%	0.90%	-0.18%
DBE	Energy	1.19%	1.05%	1.66%
USO	WTI Crude Oil	1.49%	1.29%	1.11%
BNO	Brent Crude Oil	1.40%	2.30%	0.95%
UNG	Natural Gas	7.82%	29.08%	27.81%
UGA	Gasoline	1.82%	0.67%	-1.42%
DBP	Precious Metals	-0.06%	0.78%	-1.84%
GLD	Gold	0.03%	1.23%	-1.69%
SLV	Silver	-0.62%	-0.47%	-3.58%
PPLT	abrdn Physical Platin..	-1.55%	1.64%	-5.76%
PALL	abrdn Physical Palla..	-2.13%	3.58%	-10.82%
DBB	Base Metals	-0.29%	2.87%	-4.75%
CPER	Copper	-1.73%	-1.64%	-3.31%
DBA	Agriculture	0.68%	-1.04%	-0.43%
CORN	Corn	1.05%	-4.69%	-2.04%
SOYB	Soybeans	0.23%	-5.50%	-3.33%
WEAT	Wheat	1.74%	-2.34%	-2.18%
CANE	Sugar	-0.93%	-4.35%	2.78%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.33%	-0.87%	1.33%
UDN	Short Dollar	-0.25%	1.63%	-1.11%
FXE	Euro	-0.26%	1.74%	-0.95%
FXB	British Pound Sterling	-0.43%	1.41%	-0.33%
FXF	Swiss Franc	-0.55%	3.22%	-1.31%
FXJ	Japanese Yen	-0.30%	0.20%	-2.58%
FXC	Canadian Dollar	-0.22%	1.62%	-1.02%
FXA	Australian Dollar	-0.54%	1.72%	-1.87%

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