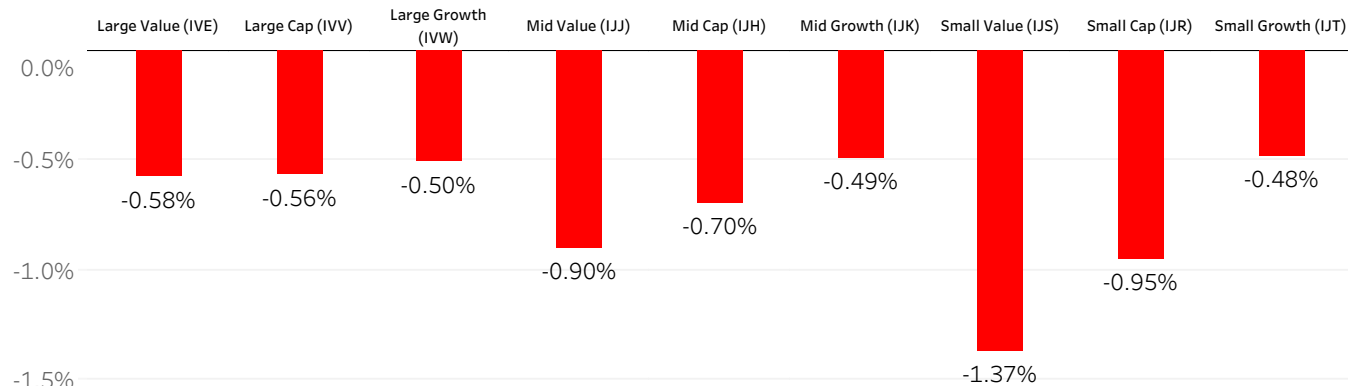


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
RPHS	Regents Park Hedged Market Strategy ETF	0.34%
VFMV	Vanguard U.S. Minimum Volatility ETF	0.00%
DWAS	Invesco Dorsey Wright SmallCap Momentum ETF	0.00%
ACSI	American Customer Satisfaction ETF	-0.12%
SIXL	ETC 6 Meridian Low Beta Equity ETF	-0.14%
SPC	CrossingBridge Pre-Merger SPAC ETF	-0.14%
GVIP	Goldman Sachs Hedge Industry VIP ETF	-0.15%
SIXS	ETC 6 Meridian Small Cap Equity ETF	-0.15%
FDM	First Trust Dow Jones Select MicroCap Index Fund	-0.19%
PTNQ	Pacer Trendpilot 100 ETF	-0.21%

Size & Style Most Overbought

Ticker	Fund	Value
PWB	Invesco Large Cap Growth ETF	65.12
SPMO	Invesco S&P 500 Momentum ETF	64.11
WINN	Harbor Long-Term Growers ETF	63.65
SIXA	ETC 6 Meridian Mega Cap Equity ETF	63.56
MTUM	iShares MSCI USA Momentum Factor ETF	63.36
USMF	WisdomTree U.S. Multifactor Fund	63.24
QLV	FlexShares US Quality Low Volatility Index Fund	63.13
QGRO	American Century U.S. Quality Growth ETF	62.07
GVIP	Goldman Sachs Hedge Industry VIP ETF	61.81
MBCC	Monarch Blue Chips Core ETF	61.68

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
RZV	Invesco S&P Smallcap 600 Pure Value ETF	-1.47%
SLYV	SPDR S&P 600 Small Cap Value ETF	-1.45%
VIOV	Vanguard S&P Small-Cap 600 Value ETF	-1.44%
RWJ	Invesco S&P SmallCap 600 Revenue ETF	-1.38%
IJS	iShares S&P Small-Cap 600 Value ETF	-1.37%
IPO	Renaissance IPO ETF	-1.32%
TPHD	Timothy Plan High Dividend Stock ETF	-1.16%
CSD	Invesco S&P Spin-Off ETF	-1.16%
SPHB	Invesco S&P 500 High Beta ETF	-1.15%
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	-1.11%

Size & Style Most Oversold

Ticker	Fund	Value
CDC	VictoryShares US EQ Income Enhanced Volatility Wt..	27.64
SPC	CrossingBridge Pre-Merger SPAC ETF	28.58
CSF	VictoryShares US Discovery Enhanced Volatility Wt..	29.70
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	34.64
FDM	First Trust Dow Jones Select MicroCap Index Fund	35.29
XSVM	Invesco S&P SmallCap Value with Momentum ETF	35.30
CSB	VictoryShares US Small Cap High Dividend Volatility ..	35.50
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	35.67
DES	WisdomTree U.S. SmallCap Dividend Fund	35.88
RZV	Invesco S&P Smallcap 600 Pure Value ETF	36.37

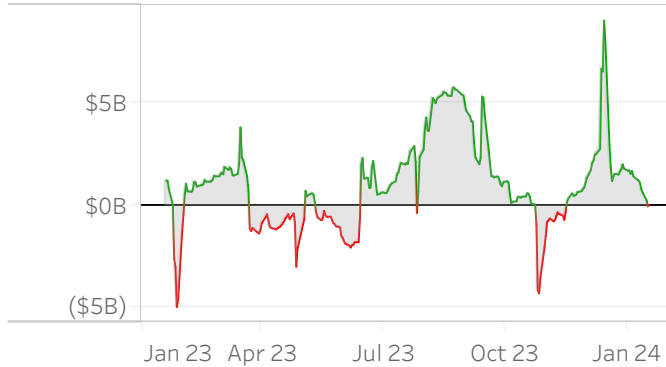
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

*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	\$1,677B	\$1.29B	\$88.14B	\$115.21B	\$159.89B
Large Cap, Beta, Beta: Growth	10	\$320B	\$0.18B	\$6.79B	\$12.38B	\$17.16B
Large Cap, Beta, Beta: Value	11	\$237B	(\$1.20B)	\$3.77B	\$4.70B	(\$1.84B)
Mid Cap, Beta, Beta	10	\$206B	(\$0.16B)	(\$0.22B)	\$5.74B	\$7.03B
Mid Cap, Beta, Beta: Growth	6	\$39B	(\$0.08B)	\$0.76B	\$0.61B	\$1.10B
Mid Cap, Beta, Beta: Value	6	\$40B	(\$0.06B)	(\$0.09B)	(\$0.60B)	(\$2.34B)
Small Cap, Beta, Beta	11	\$222B	(\$0.94B)	\$12.57B	\$14.63B	\$18.84B
Small Cap, Beta, Beta: Growth	7	\$36B	(\$0.09B)	\$1.28B	\$1.24B	\$1.26B
Small Cap, Beta, Beta: Value	7	\$52B	(\$0.19B)	\$0.99B	\$0.18B	(\$0.80B)

U.S. Size & Style Flow Leaders

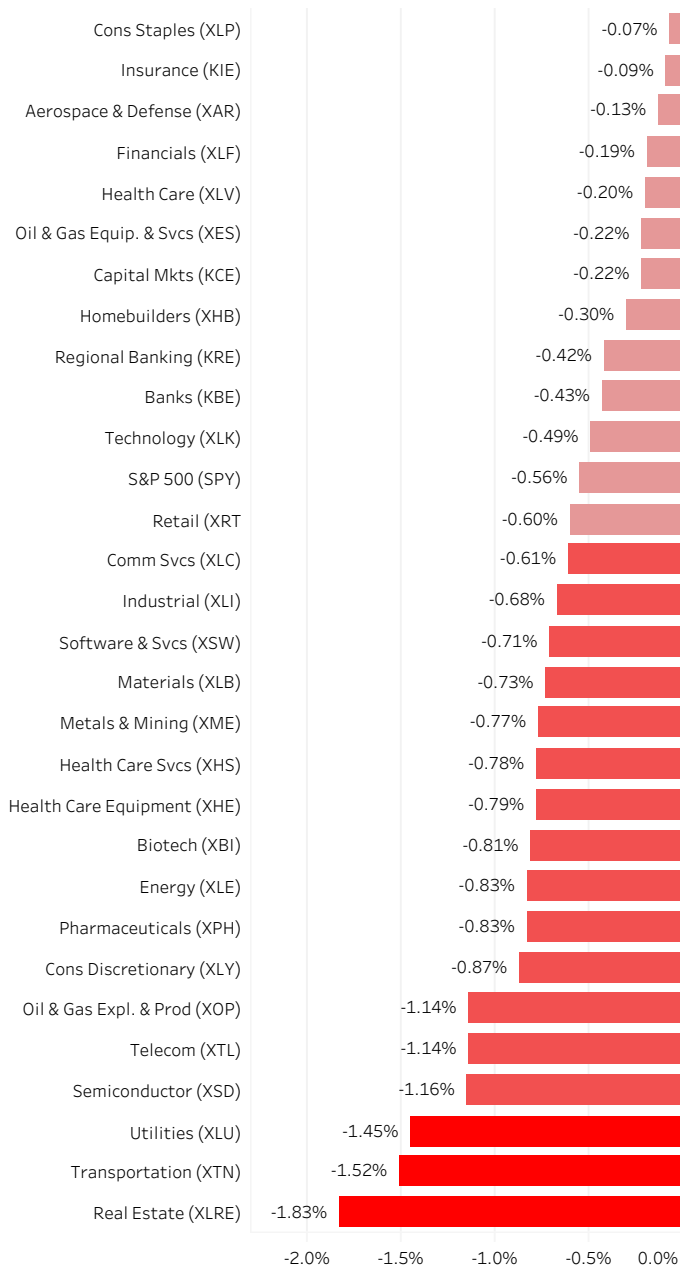
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	\$3.21B	\$20.71B	\$39.63B	\$45.01B	\$405.31B
QQQ	Invesco QQQ Trust Series I	\$1.02B	\$3.86B	\$5.18B	\$13.53B	\$232.75B
VOO	Vanguard S&P 500 ETF	\$0.72B	\$14.82B	\$23.57B	\$46.41B	\$377.26B
QQQM	Invesco NASDAQ 100 ETF	\$0.35B	\$2.35B	\$3.95B	\$9.11B	\$19.34B
IJR	iShares Core S&P Small Cap ETF	\$0.18B	\$1.67B	\$2.34B	\$3.35B	\$74.20B
VTI	Vanguard Total Stock Market ETF	\$0.18B	\$7.90B	\$11.41B	\$22.05B	\$347.46B
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ..	\$0.13B	\$2.26B	\$4.31B	\$6.92B	\$8.80B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.12B	\$4.39B	\$5.72B	\$7.74B	\$26.37B
VUG	Vanguard Growth ETF	\$0.12B	\$1.85B	\$2.05B	\$4.03B	\$105.08B
CALF	Pacer US Small Cap Cash Cows 100 ETF	\$0.11B	\$2.68B	\$3.71B	\$4.77B	\$6.96B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SUSA	iShares MSCI USA ESG Select ETF	(\$1.48B)	(\$1.31B)	(\$0.43B)	(\$0.14B)	\$3.81B
IWM	iShares Russell 2000 ETF	(\$1.14B)	\$7.60B	\$7.29B	\$6.03B	\$62.18B
IWD	iShares Russell 1000 Value ETF	(\$0.86B)	\$0.11B	(\$0.43B)	(\$4.41B)	\$51.94B
VIG	Vanguard Dividend Appreciation ETF	(\$0.25B)	\$0.36B	\$0.75B	\$0.42B	\$73.05B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.21B)	\$1.43B	\$0.27B	(\$0.22B)	\$32.60B
IWF	iShares Russell 1000 Growth ETF	(\$0.20B)	\$1.35B	\$2.01B	(\$0.45B)	\$81.01B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.19B)	\$6.04B	\$7.05B	\$12.77B	\$49.56B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.15B)	\$0.20B	(\$0.02B)	(\$0.58B)	\$19.90B
JQUA	JPMorgan U.S. Quality Factor ETF	(\$0.15B)	\$0.51B	\$1.17B	\$2.09B	\$3.19B
DFUV	Dimensional US Marketwide Value ETF	(\$0.15B)	\$0.13B	\$0.21B	\$0.45B	\$9.37B

* 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)
XLK	Technology Select Sector SPDR Fund	-0.67%	41.51%	2.34%	11.88%	58.42
SPY	SPDR S&P 500 ETF Trust	-0.92%	22.56%	1.86%	7.24%	53.64
XLV	Health Care Select Sector SPDR Fund	-1.11%	13.20%	4.17%	5.57%	64.28
XLC	Communication Services Select Sector SPDR Fund	-1.18%	39.57%	2.34%	10.05%	56.04
XLF	Financial Select Sector SPDR Fund	-1.90%	20.30%	2.23%	8.87%	51.25
XLI	Industrial Select Sector SPDR Fund	-3.42%	14.30%	0.61%	4.99%	42.43
XLB	Materials Select Sector SPDR Fund	-5.01%	9.98%	-1.04%	1.33%	35.06
XLY	Consumer Discretionary Select Sector SPDR Fund	-5.05%	24.63%	-0.42%	4.90%	41.65
XLP	Consumer Staples Select Sector SPDR Fund	-6.65%	9.26%	1.82%	-0.07%	56.28
XLRE	Real Estate Select Sector SPDR Fund	-7.77%	19.85%	0.95%	4.86%	43.32
XLU	Utilities Select Sector SPDR Fund	-11.79%	9.84%	-2.10%	-3.71%	37.25
XLE	Energy Select Sector SPDR Fund	-14.27%	4.50%	-4.45%	-5.44%	33.79

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PINK	Simplify Health Care ETF	0.26%
KBWP	Invesco KBW Property & Casualty Insurance ETF	0.17%
IAK	iShares U.S. Insurance ETF	0.07%
FXG	First Trust Consumer Staples AlphaDEX Fund	0.05%
ITA	iShares U.S. Aerospace & Defense ETF	0.02%
PXJ	Invesco Oil & Gas Services ETF	0.00%
PXI	Invesco Dorsey Wright Energy Momentum ETF	-0.02%
BIZD	VanEck BDC Income ETF	-0.06%
XLP	Consumer Staples Select Sector SPDR Fund	-0.07%
KIE	SPDR S&P Insurance ETF	-0.09%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
PINK	Simplify Health Care ETF	70.52
IAK	iShares U.S. Insurance ETF	66.51
KBWP	Invesco KBW Property & Casualty Insurance ETF	66.24
XLV	Health Care Select Sector SPDR Fund	64.28
IYH	iShares U.S. Healthcare ETF	62.95
IETC	iShares U.S. Tech Independence Focused ETF	62.75
IHI	iShares U.S. Medical Devices ETF	62.63
IGPT	Invesco AI and Next Gen Software ETF	62.57
FHLC	Fidelity MSCI Health Care Index ETF	62.21
VHT	Vanguard Health Care ETF	61.75

Sector & Industry 1 Day Performance Laggards

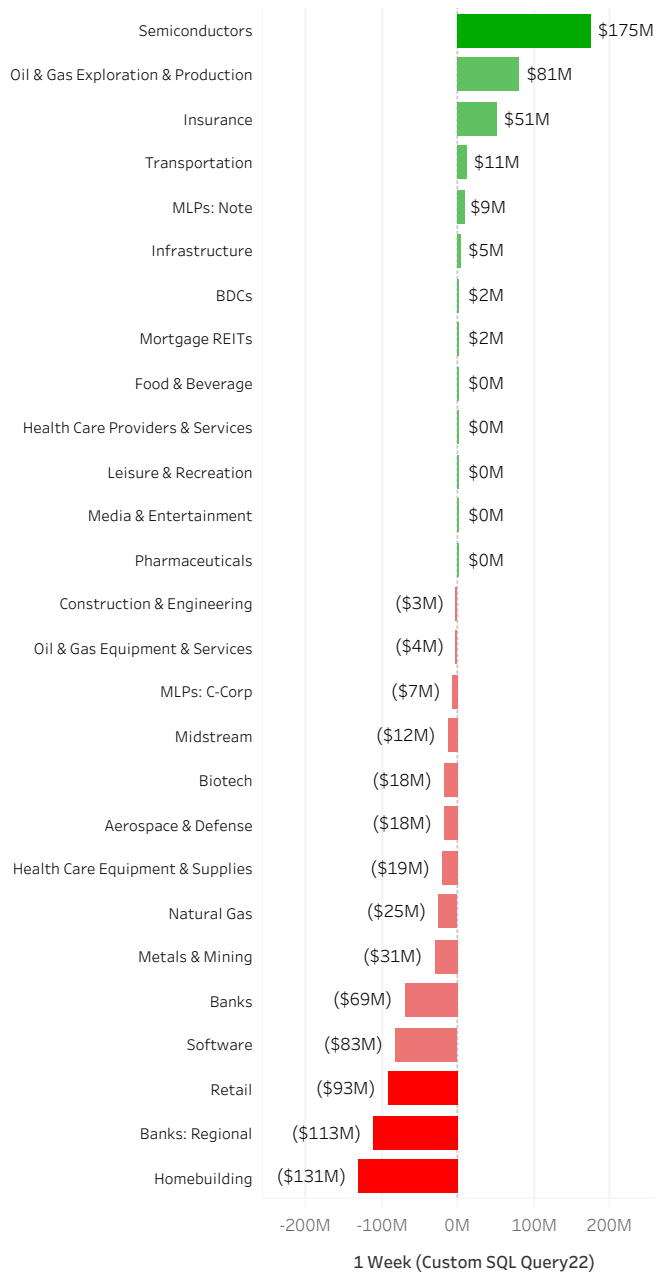
Ticker	Fund	1 Day Performance
KBWY	Invesco KBW Premium Yield Equity REIT ETF	-2.44%
BBRE	JPMorgan BetaBuilders MSCI U.S. REIT ETF	-1.96%
USRT	iShares Core U.S. REIT ETF	-1.94%
SCHH	Schwab U.S. REIT ETF	-1.91%
RWR	SPDR Dow Jones REIT ETF	-1.91%
ROOF	IQ CBRE NextGen Real Estate ETF	-1.88%
DFAR	Dimensional US Real Estate ETF	-1.88%
NETL	NETLease Corporate Real Estate ETF	-1.85%
XLRE	Real Estate Select Sector SPDR Fund	-1.83%
ICF	iShares Cohen & Steers REIT ETF	-1.83%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
PSCE	Invesco S&P SmallCap Energy ETF	30.74
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	31.83
RSPG	Invesco S&P 500 Equal Weight Energy ETF	32.26
FCG	First Trust Natural Gas ETF	32.36
XTN	SPDR S&P Transportation ETF	32.64
IEZ	iShares U.S. Oil Equipment & Services ETF	32.70
PXE	Invesco Energy Exploration & Production ETF	32.93
FTXN	First Trust Nasdaq Oil & Gas ETF	33.34
FXN	First Trust Energy AlphaDEX Fund	33.36
IYE	iShares U.S. Energy ETF	33.38

* 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	AUM	1 Week	3 Month	6 Month	1 Year
Communication Services	7	\$21B	(\$40M)	\$611M	\$1,000M	\$3,332M
Consumer Discretionary	12	\$28B	(\$140M)	\$38M	\$765M	\$2,227M
Consumer Staples	10	\$25B	(\$152M)	(\$2,820M)	(\$4,495M)	(\$4,101M)
Energy	30	\$68B	(\$78M)	(\$1,548M)	\$1,129M	(\$7,795M)
Financials	26	\$62B	\$2M	\$1,727M	(\$1,798M)	\$769M
Health Care	23	\$90B	\$211M	(\$1,951M)	(\$5,129M)	(\$9,199M)
Industrial	13	\$36B	\$302M	\$4M	(\$547M)	\$996M
Materials	9	\$12B	(\$65M)	(\$792M)	(\$1,406M)	(\$2,559M)
Multi-Sector	16	\$20B	(\$120M)	(\$198M)	(\$258M)	\$2,199M
Real Estate	25	\$60B	(\$152M)	\$2,046M	\$1,838M	(\$941M)
Technology	23	\$176B	\$285M	\$5,975M	\$4,690M	\$7,215M
Utilities	9	\$22B	(\$70M)	(\$327M)	(\$1,559M)	(\$1,404M)

U.S. Sector & Industry Flow Leaders

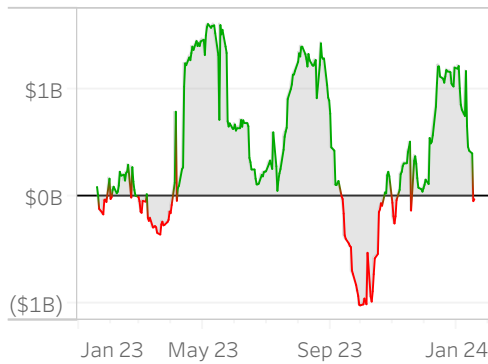
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLI	Industrial Select Sector SPDR Fund	\$306M	(\$328M)	(\$709M)	(\$493M)	\$15,394M
XLF	Financial Select Sector SPDR Fund	\$273M	\$443M	(\$1,975M)	(\$15M)	\$34,453M
XLV	Health Care Select Sector SPDR Fund	\$224M	(\$1,408M)	(\$3,103M)	(\$3,098M)	\$39,475M
VGT	Vanguard Information Technology ETF	\$181M	\$1,081M	\$955M	\$592M	\$59,155M
SOXX	iShares Semiconductor ETF	\$167M	\$194M	\$577M	\$580M	\$10,344M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$86M	\$314M	(\$50M)	(\$502M)	\$3,430M
XLRE	Real Estate Select Sector SPDR Fund	\$65M	\$895M	\$904M	\$428M	\$5,829M
XBI	SPDR S&P BIOTECH ETF	\$57M	\$340M	\$46M	(\$1,906M)	\$7,000M
KIE	SPDR S&P Insurance ETF	\$46M	\$65M	\$205M	\$175M	\$738M
IYW	iShares U.S. Technology ETF	\$37M	\$1,406M	(\$424M)	\$882M	\$14,294M

U.S. Sector & Industry Flow Laggards

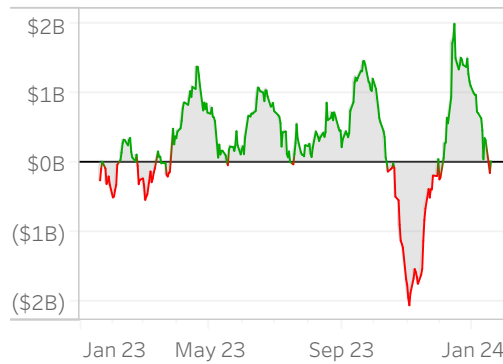
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IYR	iShares U.S. Real Estate ETF	(\$170M)	\$1,318M	\$1,117M	\$384M	\$4,244M
VFH	Vanguard Financials ETF	(\$148M)	(\$117M)	(\$241M)	(\$361M)	\$8,948M
XLP	Consumer Staples Select Sector SPDR Fund	(\$112M)	(\$1,882M)	(\$1,904M)	(\$1,698M)	\$15,105M
XLE	Energy Select Sector SPDR Fund	(\$106M)	(\$1,116M)	\$952M	(\$2,892M)	\$34,368M
KRE	SPDR S&P Regional Banking ETF	(\$104M)	\$503M	(\$36M)	\$1,421M	\$3,541M
XRT	SPDR S&P Retail ETF	(\$93M)	(\$73M)	(\$60M)	(\$34M)	\$384M
VNQ	Vanguard Real Estate ETF	(\$83M)	(\$430M)	(\$515M)	(\$1,418M)	\$33,042M
IGV	iShares Expanded Tech-Software Sector ETF	(\$82M)	\$422M	(\$170M)	\$464M	\$7,496M
XHB	SPDR S&P Homebuilders ETF	(\$71M)	\$127M	(\$50M)	\$102M	\$1,533M
IBB	iShares Biotechnology ETF	(\$68M)	\$23M	(\$199M)	(\$1,261M)	\$7,612M

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

Communication Services



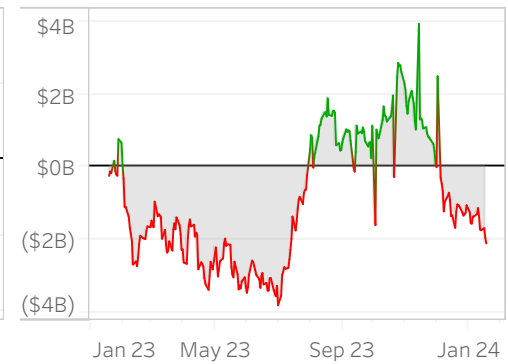
Consumer Discretionary



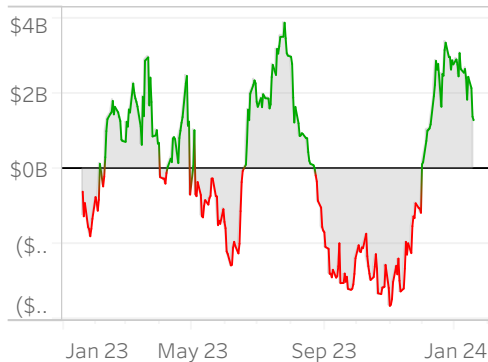
Consumer Staples



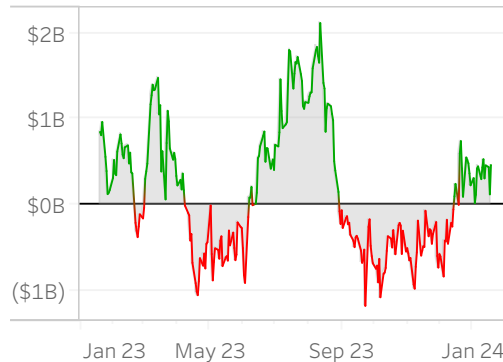
Energy



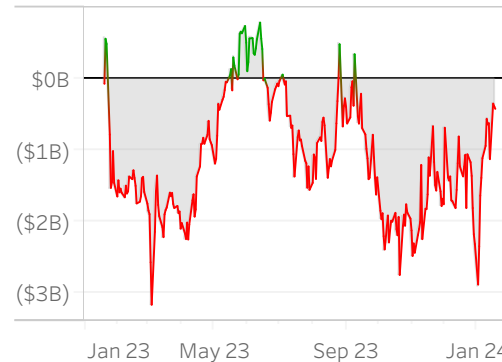
Financials



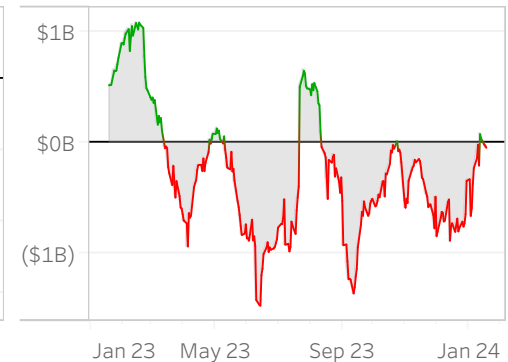
Industrial



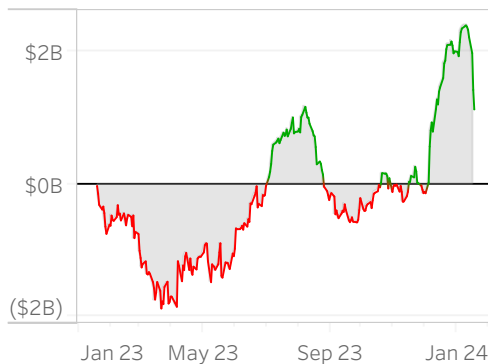
Health Care



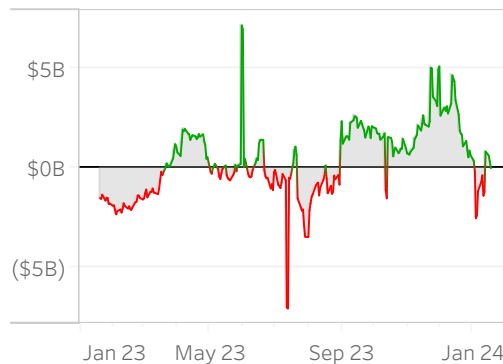
Materials



Real Estate



Technology



Utilities

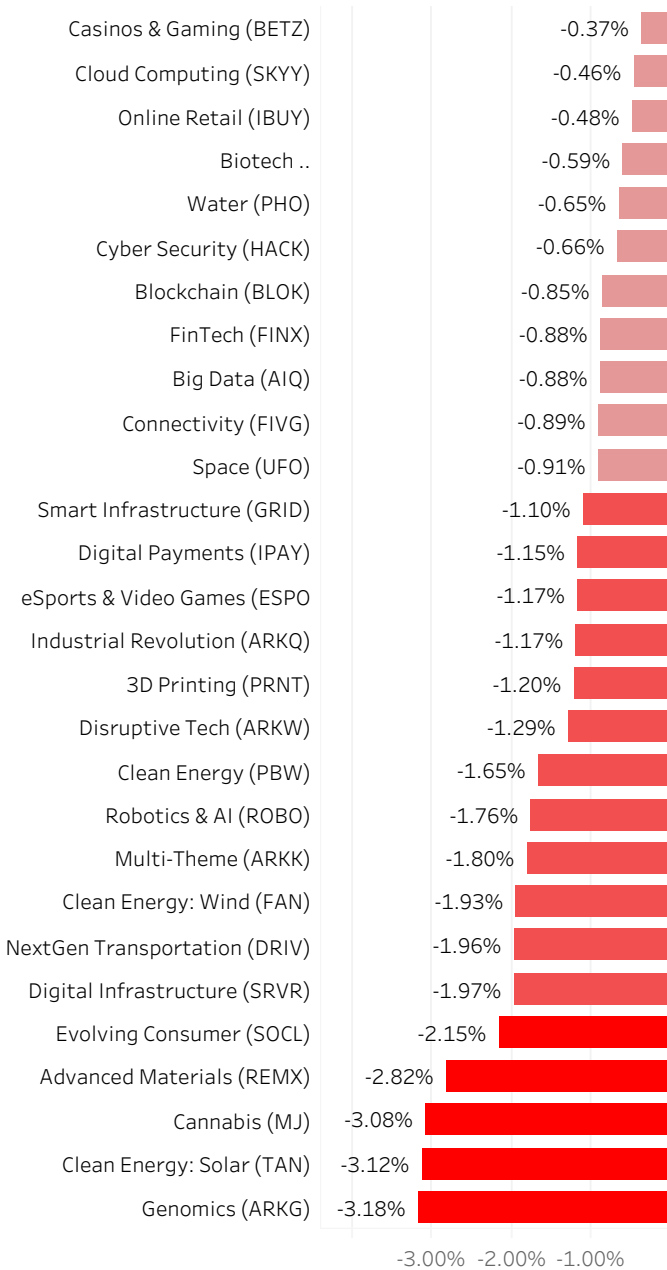


Multi-Sector

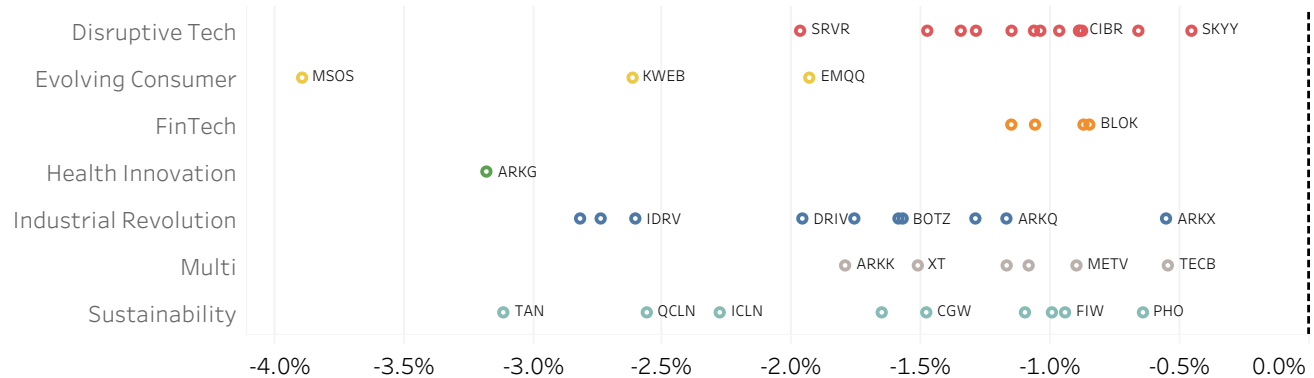


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EVX	VanEck Environmental Services ETF	-0.20%
SAMT	Strategas Macro Thematic Opportunities ETF	-0.33%
BETZ	Roundhill Sports Betting & iGaming ETF	-0.37%
ENTR	ERShares Entrepreneurs ETF	-0.43%
SKYY	First Trust Cloud Computing ETF	-0.46%
IBUY	Amplify Online Retail ETF	-0.48%
PAWZ	ProShares Pet Care ETF	-0.48%
LEGR	First Trust Indxx Innovative Transaction & Process ETF	-0.49%
FCLD	Fidelity Cloud Computing ETF	-0.54%
TECB	iShares U.S. Tech Breakthrough Multisector ETF	-0.55%

Thematic Most Overbought

Ticker	Fund	Price
MJUS	ETFMG U.S. Alternative Harvest ETF	66.46
TECB	iShares U.S. Tech Breakthrough Multisector ETF	64.88
HACK	ETFMG Prime Cyber Security ETF	63.44
MSOS	AdvisorShares Pure US Cannabis ETF	63.34
CIBR	First Trust NASDAQ Cybersecurity ETF	61.36
WCBR	WisdomTree Cybersecurity Fund	60.05
IHAK	iShares Cybersecurity & Tech ETF	58.50
MJ	ETFMG Alternative Harvest ETF	57.95
FIVG	Defiance Next Gen Connectivity ETF	57.83
BUG	Global X Cybersecurity ETF	57.10

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
MSOS	AdvisorShares Pure US Cannabis ETF	-3.89%
BKCH	Global X Blockchain ETF	-3.58%
CTEC	Global X CleanTech ETF	-3.47%
ARKG	ARK Genomic Revolution ETF	-3.18%
TAN	Invesco Solar ETF	-3.12%
MJ	ETFMG Alternative Harvest ETF	-3.08%
ACES	ALPS Clean Energy ETF	-3.03%
WGMI	Valkyrie Bitcoin Miners ETF	-3.03%
PBD	Invesco Global Clean Energy ETF	-2.99%
MJUS	ETFMG U.S. Alternative Harvest ETF	-2.99%

Thematic Most Oversold

Ticker	Fund	Price
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	23.04
IDRV	iShares Self-driving EV & Tech ETF	23.07
BATT	Amplify Lithium & Battery Technology ETF	23.16
REMX	VanEck Rare Earth/Strategic Metals ETF	23.69
CTEC	Global X CleanTech ETF	24.28
PBD	Invesco Global Clean Energy ETF	25.45
SMOG	VanEck Low Carbon Energy ETF	25.66
PBW	Invesco WilderHill Clean Energy ETF	26.12
ACES	ALPS Clean Energy ETF	26.45
CNRG	SPDR S&P Kensho Clean Power ETF	26.69

* 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	
BLOK	Amplify Transformational Data Sharing ETF	\$154M
CLOU	Global X Cloud Computing ETF	\$31M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$30M
AIQ	Global X Artificial Intelligence & Technology ETF	\$24M
SKYY	First Trust Cloud Computing ETF	\$22M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$20M
HACK	ETFMG Prime Cyber Security ETF	\$15M
MSOS	AdvisorShares Pure US Cannabis ETF	\$12M
TARK	AXS 2X Innovation ETF	\$8M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$7M

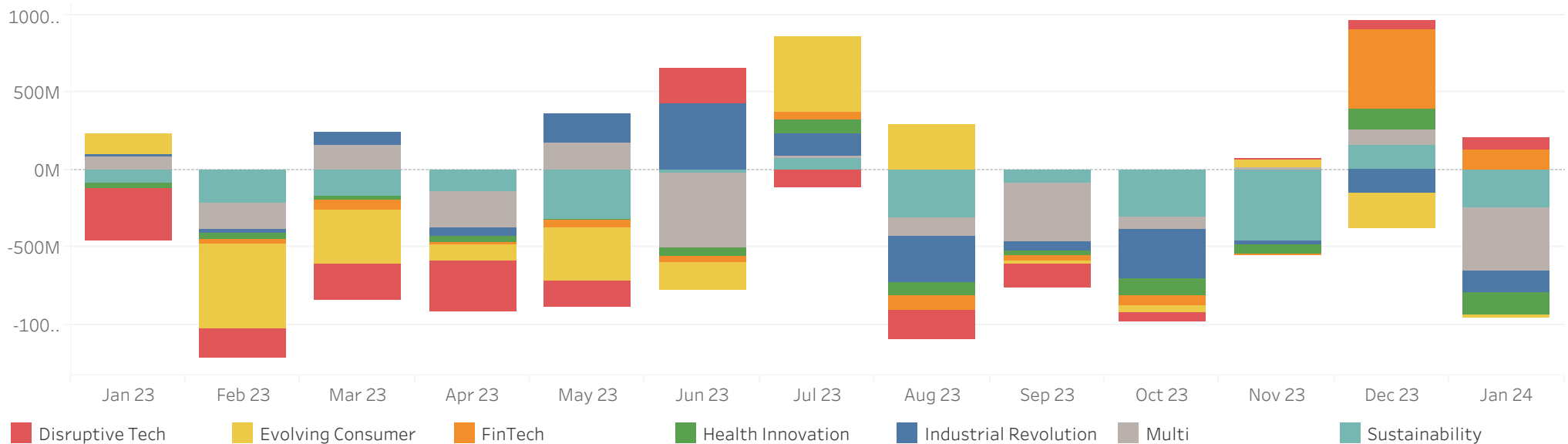
Thematic 1 Week Flow Laggards

Ticker	Fund	
ARKK	ARK Innovation ETF	(\$210M)
ARKG	ARK Genomic Revolution ETF	(\$113M)
ICLN	iShares Global Clean Energy ETF	(\$79M)
TAN	Invesco Solar ETF	(\$45M)
WCLD	WisdomTree Cloud Computing Fund	(\$26M)
FINX	Global X FinTech ETF	(\$17M)
ARKF	ARK Fintech Innovation ETF	(\$15M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$11M)
ARKW	ARK Next Generation Internet ETF	(\$11M)
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	(\$10M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	32	\$19B	\$79M	\$99M	(\$432M)	(\$1,395M)
Evolving Consumer	37	\$8B	\$10M	(\$244M)	\$155M	(\$882M)
FinTech	16	\$4B	\$101M	\$624M	\$430M	\$285M
Health Innovation	17	\$3B	(\$100M)	(\$132M)	(\$230M)	(\$395M)
Industrial Revolution	30	\$10B	(\$3M)	(\$413M)	(\$1,022M)	(\$242M)
Multi	35	\$15B	(\$142M)	(\$332M)	(\$1,062M)	(\$1,344M)
Sustainability	40	\$12B	(\$114M)	(\$732M)	(\$1,280M)	(\$2,128M)
Grand Total	207	\$70B	(\$169M)	(\$1,131M)	(\$3,441M)	(\$6,101M)

Thematic Monthly Flows

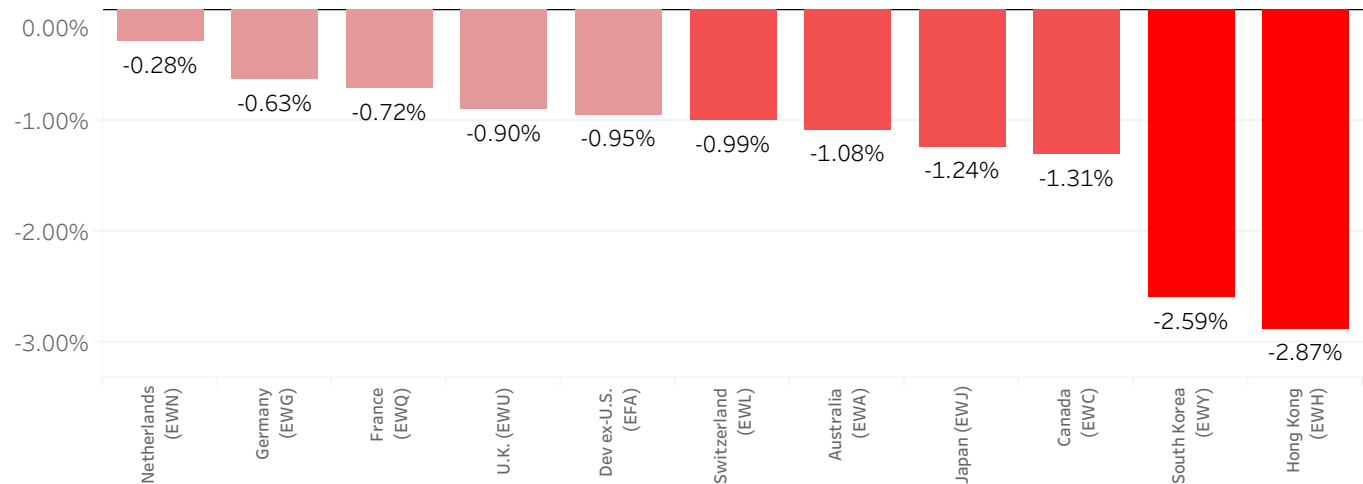


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

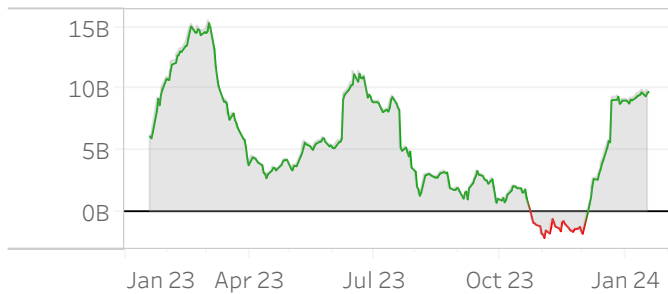
Developed ex-U.S. (EFA)



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



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



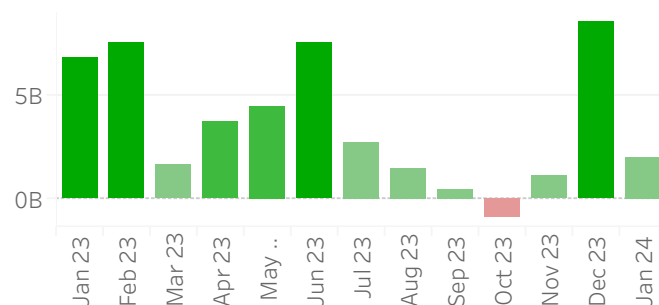
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
GREK	Global X MSCI Greece ETF	0.26%
PIZ	Invesco Dorsey Wright Developed Markets Momentum ETF	-0.16%
EIS	iShares MSCI Israel ETF	-0.18%
EWN	iShares MSCI Netherlands ETF	-0.28%
EIRL	iShares MSCI Ireland ETF	-0.35%
IDMO	Invesco S&P International Developed Momentum ETF	-0.43%
EWI	iShares MSCI Italy ETF	-0.45%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	-0.45%
ISRA	VanEck Israel ETF	-0.48%
ENZL	iShares MSCI New Zealand ETF	-0.49%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	74.72
HEWJ	iShares Currency Hedged MSCI Japan ETF	72.43
DXJ	WisdomTree Japan Hedged Equity Fund	70.25
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	64.14
EWJV	iShares MSCI Japan Value ETF	58.38
EWJ	iShares MSCI Japan ETF	57.74
FJP	First Trust Japan AlphaDEX Fund	57.09
FLJP	Franklin FTSE Japan ETF	56.42
IMOM	Alpha Architect International Quantitative Momentum ETF	56.38
BBJP	JPMorgan BetaBuilders Japan ETF	56.14

Developed ex-U.S. Monthly Flows



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

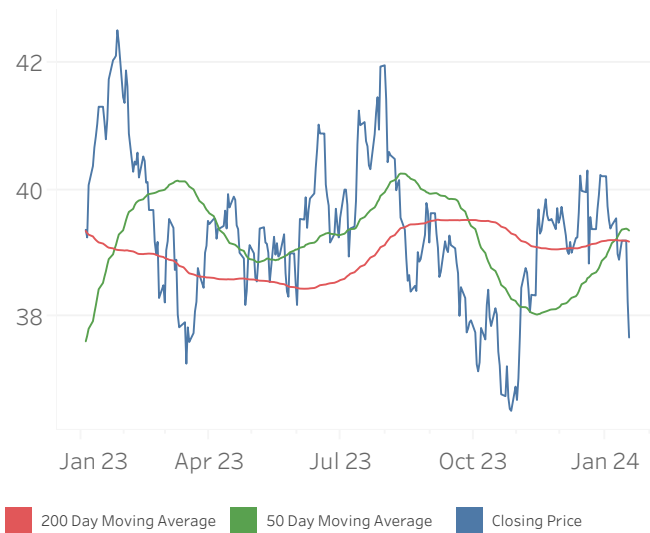
Ticker	Fund	1-Day Performance
EWH	iShares MSCI Hong Kong ETF	-2.87%
FLKR	Franklin FTSE South Korea ETF	-2.82%
EWY	iShares MSCI South Korea ETF	-2.59%
AIA	iShares Asia 50 ETF	-1.74%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-1.72%
MINV	Matthews Asia Innovators Active ETF	-1.68%
EWS	iShares MSCI Singapore ETF	-1.57%
FSZ	First Trust Switzerland AlphaDEX Fund	-1.48%
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Japan E..	-1.47%
VPL	Vanguard FTSE Pacific ETF	-1.46%

Developed ex-U.S. Most Oversold

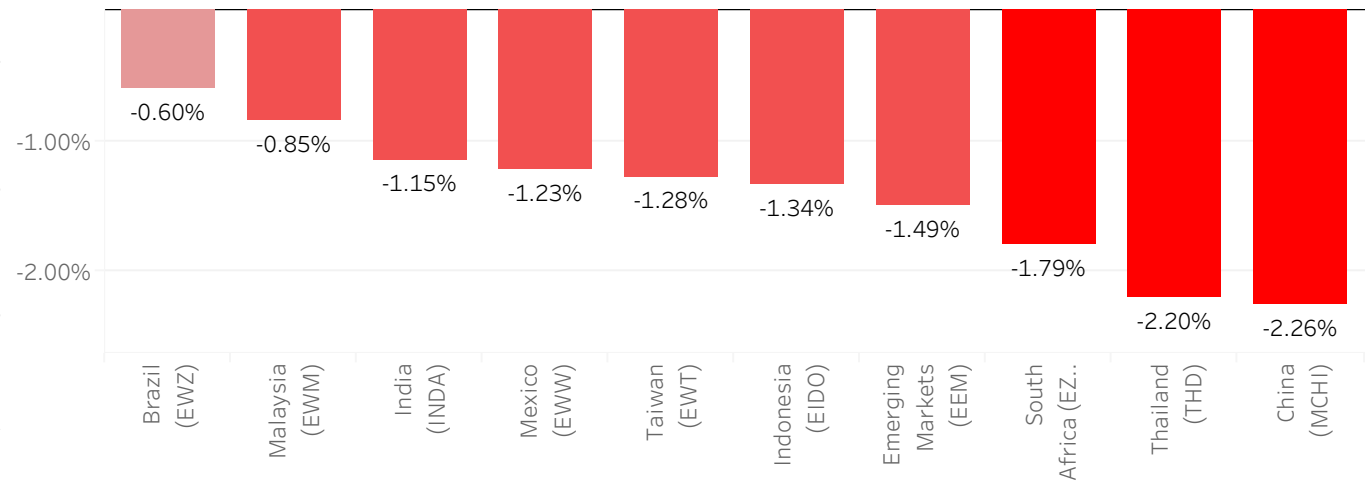
Ticker	Fund	Price
EWY	iShares MSCI South Korea ETF	24.53
FLKR	Franklin FTSE South Korea ETF	25.34
EWH	iShares MSCI Hong Kong ETF	26.08
AIA	iShares Asia 50 ETF	26.49
AAXJ	iShares MSCI All Country Asia ex Japan ETF	29.58
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Ja..	31.84
EPP	iShares MSCI Pacific ex-Japan ETF	32.19
EWD	iShares MSCI Sweden ETF	33.57
EWU	iShares MSCI United Kingdom ETF	33.99
EWS	iShares MSCI Singapore ETF	34.76

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Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



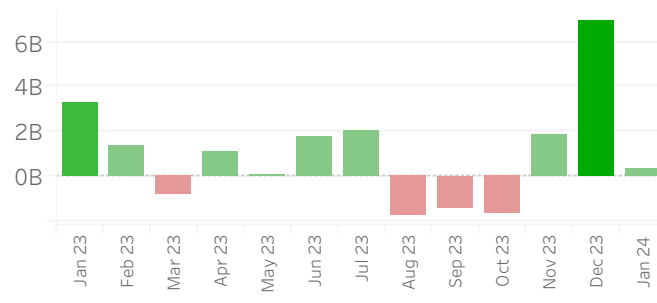
Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
KSA	iShares MSCI Saudi Arabia ETF	0.33%
GLIN	VanEck India Growth Leaders ETF	-0.32%
EPHE	iShares MSCI Philippines ETF	-0.34%
EWZS	iShares MSCI Brazil Small-Cap ETF	-0.35%
TUR	iShares MSCI Turkey ETF	-0.41%
EWZ	iShares MSCI Brazil ETF	-0.60%
FLBR	Franklin FTSE Brazil ETF	-0.64%
DGRE	WisdomTree Emerging Markets Quality Dividend Growth Fund	-0.75%
FLLA	Franklin FTSE Latin America ETF	-0.77%
EWM	iShares MSCI Malaysia ETF	-0.85%

Emerging Most Overbought

Ticker	Fund	Price
KWT	iShares MSCI Kuwait ETF	75.58
GLIN	VanEck India Growth Leaders ETF	59.45
SMIN	iShares MSCI India Small Cap ETF	58.27
KSA	iShares MSCI Saudi Arabia ETF	56.65
EPI	WisdomTree India Earnings Fund	56.35
EPHE	iShares MSCI Philippines ETF	55.23
INDA	iShares MSCI India ETF	53.90
FLIN	Franklin FTSE India ETF	53.57
TUR	iShares MSCI Turkey ETF	53.45
FM	iShares Frontier and Select EM ETF	53.16

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
ECNS	iShares MSCI China Small-Cap ETF	-3.43%
PGJ	Invesco Golden Dragon China ETF	-2.69%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-2.59%
FXI	iShares China Large-Cap ETF	-2.59%
GXC	SPDR S&P China ETF	-2.28%
KBA	KraneShares Boser MSCI China A 50 Connect Index ETF	-2.27%
MCHI	iShares MSCI China ETF	-2.26%
FLCH	Franklin FTSE China ETF	-2.21%
THD	iShares MSCI Thailand ETF	-2.20%
CNYA	iShares MSCI China A ETF	-2.13%

Emerging Most Oversold

Ticker	Fund	Price
KBA	KraneShares Boser MSCI China A 50 Connect Index ..	24.59
CNYA	iShares MSCI China A ETF	24.60
ECNS	iShares MSCI China Small-Cap ETF	25.06
PGJ	Invesco Golden Dragon China ETF	26.40
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	26.62
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	27.10
GXC	SPDR S&P China ETF	27.10
FRDM	Freedom 100 Emerging Markets ETF	27.80
MCHI	iShares MSCI China ETF	27.93
ECH	iShares MSCI Chile ETF	27.94

*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	-0.27%	-0.61%	-1.17%
SHY	1-3 Year Treasury Bonds	-0.19%	0.42%	0.01%
IEF	7-10 Year Treasury Bonds	-0.32%	-0.89%	-1.30%
TLT	20+ Year Treasury Bonds	-0.16%	-4.52%	-4.26%
TIP	TIPS Bonds	-0.31%	-0.67%	-0.54%
FLOT	Floating Rate Bonds	0.04%	0.57%	0.38%
LQD	Investment Grade Corporate	-0.21%	-1.15%	-1.42%
HYG	High Yield Corporate	-0.43%	-0.06%	-0.66%
BKLN	Senior Loan	-0.09%	0.79%	-0.05%
PFF	Preferred & Income Securities	-0.38%	0.90%	0.45%
MUB	Municipal Bonds	-0.31%	-0.07%	-0.40%
MBB	MBS	-0.32%	-0.52%	-1.31%
EMB	Dollar Denominated EM Bonds	-0.38%	-1.57%	-1.91%
LEMB	Local Currency EM Bond	-0.11%	-0.50%	-1.74%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.70%	-2.08%	-1.97%
DBE	Energy	0.51%	-0.18%	1.88%
USO	WTI Crude Oil	1.03%	1.18%	1.94%
BNO	Brent Crude Oil	0.36%	1.79%	1.79%
UNG	Natural Gas	0.69%	20.50%	14.79%
UGA	Gasoline	1.00%	0.10%	1.63%
DBP	Precious Metals	-1.15%	-1.70%	-3.16%
GLD	Gold	-1.10%	-0.62%	-2.79%
SLV	Silver	-1.48%	-5.41%	-5.19%
PPLT	abrdn Physical Platin..	-1.32%	-6.10%	-10.41%
PALL	abrdn Physical Palla..	-1.77%	-21.77%	-16.21%
DBB	Base Metals	-1.66%	-2.64%	-6.39%
CPER	Copper	-0.60%	-2.88%	-3.65%
DBA	Agriculture	-0.72%	-1.86%	-0.63%
CORN	Corn	-0.39%	-7.64%	-5.89%
SOYB	Soybeans	-1.70%	-8.41%	-6.00%
WEAT	Wheat	-0.36%	-5.72%	-6.20%
CANE	Sugar	-1.04%	2.19%	5.14%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.07%	1.34%	2.29%
UDN	Short Dollar	0.11%	-0.54%	-1.79%
FXE	Euro	0.07%	0.09%	-1.33%
FXB	British Pound Sterling	0.41%	0.34%	-0.35%
FXF	Swiss Franc	-0.37%	0.68%	-2.74%
FXJ	Japanese Yen	-0.62%	-4.12%	-4.97%
FXC	Canadian Dollar	-0.18%	-0.91%	-1.87%
FXA	Australian Dollar	-0.51%	-2.12%	-3.77%

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