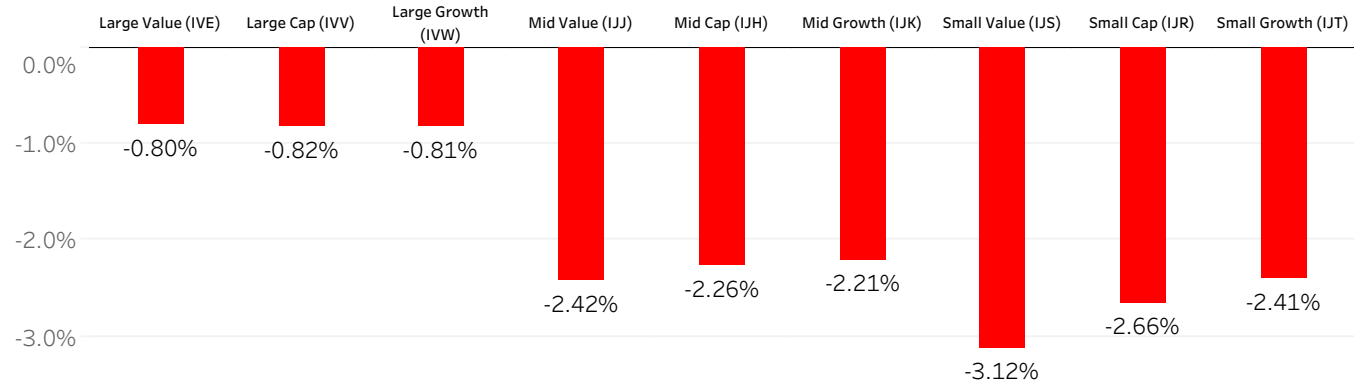


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
DIVZ	TrueShares Low Volatility Equity Income ETF	0.16%
HDV	iShares Core High Dividend ETF	0.14%
SPC	CrossingBridge Pre-Merger SPAC ETF	0.12%
ABEQ	Absolute Select Value ETF	-0.02%
DURA	VanEck Durable High Dividend ETF	-0.04%
PWV	Invesco Large Cap Value ETF	-0.13%
VFMV	Vanguard U.S. Minimum Volatility ETF	-0.21%
SIXA	ETC 6 Meridian Mega Cap Equity ETF	-0.23%
USMV	iShares MSCI USA Min Vol Factor ETF	-0.23%
SPLV	Invesco S&P 500 Low Volatility ETF	-0.25%

Size & Style Most Overbought

Ticker	Fund	Price
HDV	iShares Core High Dividend ETF	67.63
PWV	Invesco Large Cap Value ETF	67.45
SPVU	Invesco S&P 500 Enhanced Value ETF	67.18
SIXA	ETC 6 Meridian Mega Cap Equity ETF	66.87
DJD	Invesco Dow Jones Industrial Average Dividend ETF	66.12
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	65.71
MGV	Vanguard Mega Cap Value ETF	65.35
DIA	SPDR Dow Jones Industrial Average ETF Trust	65.14
SCHD	Schwab US Dividend Equity ETF	65.11
SPYV	SPDR Portfolio S&P 500 Value ETF	64.80

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
RZV	Invesco S&P Smallcap 600 Pure Value ETF	-3.63%
VIOV	Vanguard S&P Small-Cap 600 Value ETF	-3.15%
IJS	iShares S&P Small-Cap 600 Value ETF	-3.12%
SLYV	SPDR S&P 600 Small Cap Value ETF	-3.06%
TMFS	Motley Fool Small-Cap Growth ETF	-2.98%
RWJ	Invesco S&P SmallCap 600 Revenue ETF	-2.90%
ALTL	Pacer Lunt Large Cap Alternator ETF	-2.89%
SPHB	Invesco S&P 500 High Beta ETF	-2.88%
FFTY	Innovator IBD 50 ETF	-2.87%
VTWG	Vanguard Russell 2000 Growth ETF	-2.86%

Size & Style Most Oversold

Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	18.69
CSF	VictoryShares US Discovery Enhanced Volatility Wt..	33.18
FFTY	Innovator IBD 50 ETF	35.96
RPHS	Regents Park Hedged Market Strategy ETF	40.28
PTNQ	Pacer Trendpilot 100 ETF	41.01
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ETF	42.29
FPX	First Trust US Equity Opportunities ETF	42.32
RPG	Invesco S&P 500 Pure Growth ETF	42.46
PTMC	Pacer Trendpilot US Mid Cap ETF	43.40
IPO	Renaissance IPO ETF	43.47

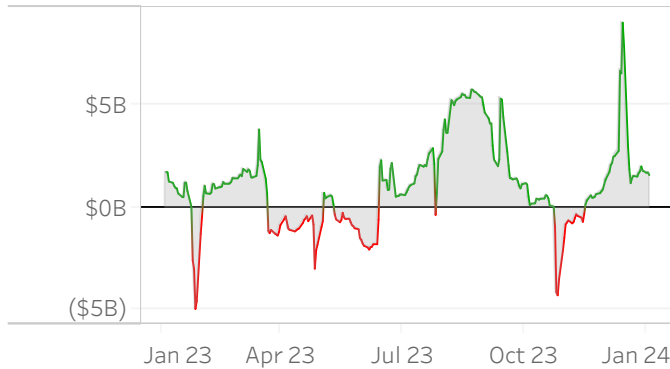
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

*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	\$1,665B	\$1.53B	\$91.55B	\$118.78B	\$156.89B
Large Cap, Beta, Beta: Growth	10	\$315B	(\$0.20B)	\$9.86B	\$14.17B	\$17.17B
Large Cap, Beta, Beta: Value	11	\$243B	(\$0.50B)	\$5.92B	\$7.50B	(\$1.16B)
Mid Cap, Beta, Beta	10	\$210B	(\$0.04B)	(\$0.18B)	\$6.17B	\$7.55B
Mid Cap, Beta, Beta: Growth	6	\$39B	(\$0.09B)	\$0.97B	\$1.22B	\$1.12B
Mid Cap, Beta, Beta: Value	6	\$41B	\$0.00B	(\$0.15B)	(\$0.75B)	(\$2.54B)
Small Cap, Beta, Beta	11	\$233B	\$1.52B	\$13.41B	\$16.35B	\$20.94B
Small Cap, Beta, Beta: Growth	7	\$37B	\$0.07B	\$1.27B	\$1.42B	\$1.02B
Small Cap, Beta, Beta: Value	7	\$54B	\$0.11B	\$1.22B	\$0.53B	(\$0.74B)

U.S. Size & Style Flow Leaders

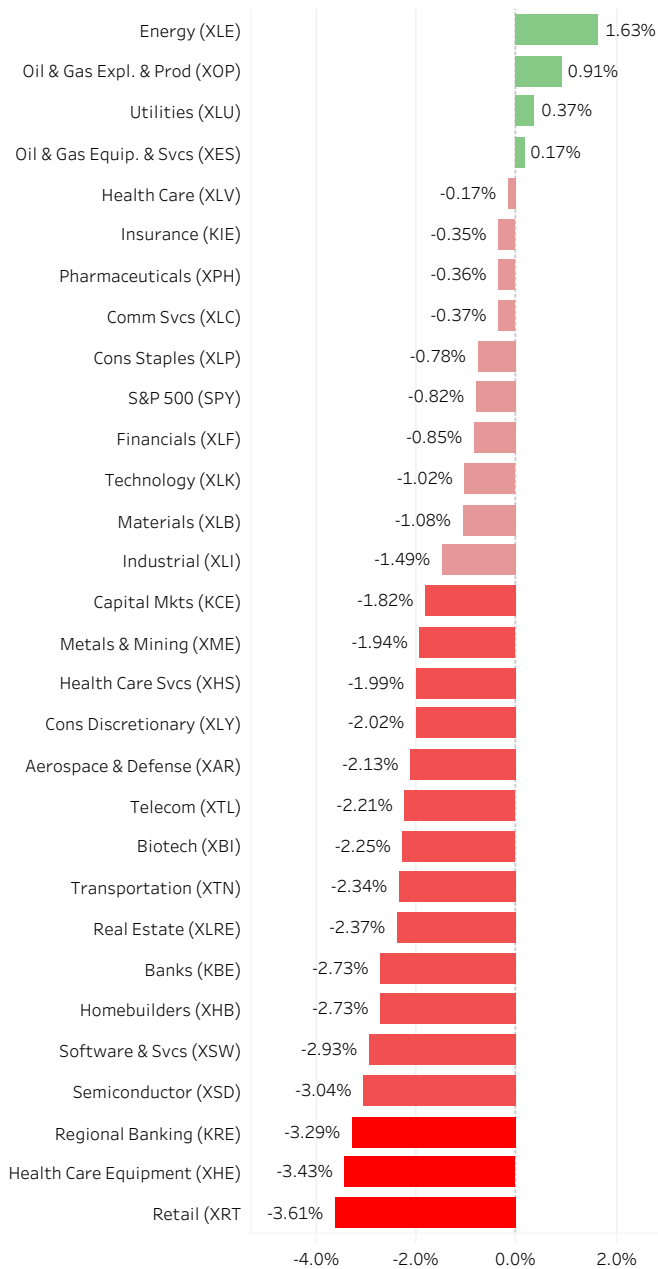
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust Series I	\$1.54B	\$6.05B	\$7.43B	\$8.44B	\$227.15B
IWM	iShares Russell 2000 ETF	\$1.25B	\$9.34B	\$9.21B	\$8.41B	\$67.80B
VTI	Vanguard Total Stock Market ETF	\$0.56B	\$6.56B	\$13.78B	\$21.86B	\$345.86B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.35B	\$5.12B	\$8.32B	\$13.23B	\$50.12B
DSTL	Distillate US Fundamental Stability & Value E..	\$0.22B	\$0.32B	\$0.54B	\$0.64B	\$1.74B
QQQM	Invesco NASDAQ 100 ETF	\$0.21B	\$2.07B	\$3.22B	\$8.49B	\$18.29B
CALF	Pacer US Small Cap Cash Cows 100 ETF	\$0.18B	\$2.43B	\$3.44B	\$4.35B	\$6.79B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.16B	\$3.87B	\$5.36B	\$6.96B	\$25.68B
COWZ	Pacer US Cash Cows 100 ETF	\$0.15B	\$2.33B	\$3.78B	\$6.38B	\$18.47B
IVV	iShares Core S&P 500 ETF	\$0.15B	\$17.58B	\$37.32B	\$37.97B	\$397.27B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWD	iShares Russell 1000 Value ETF	(\$0.64B)	\$2.32B	\$1.21B	(\$3.81B)	\$54.90B
IWF	iShares Russell 1000 Growth ETF	(\$0.29B)	\$2.52B	\$2.59B	(\$0.98B)	\$80.38B
VIG	Vanguard Dividend Appreciation ETF	(\$0.23B)	\$1.27B	\$1.12B	\$0.73B	\$73.82B
IWB	iShares Russell 1000 ETF	(\$0.16B)	(\$0.15B)	(\$0.62B)	(\$1.75B)	\$32.20B
IJK	iShares S&P Mid-Cap 400 Growth ETF	(\$0.13B)	\$0.13B	\$0.12B	\$0.07B	\$8.18B
VV	Vanguard Large-Cap ETF	(\$0.09B)	\$0.29B	\$0.43B	\$0.43B	\$30.52B
IWR	iShares Russell Midcap ETF	(\$0.07B)	\$0.21B	\$0.41B	(\$0.35B)	\$30.79B
BBMC	JPMorgan BetaBuilders U.S. Mid Cap Equity E..	(\$0.07B)	(\$0.05B)	(\$0.21B)	\$0.01B	\$1.57B
IVW	iShares S&P 500 Growth ETF	(\$0.07B)	(\$0.17B)	\$1.37B	\$0.81B	\$36.20B
DVY	iShares Select Dividend ETF	(\$0.07B)	(\$0.61B)	(\$1.59B)	(\$3.31B)	\$19.08B

* 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	-0.17%	12.51%	5.76%	5.25%	72.94
XLF	Financial Select Sector SPDR Fund	-0.85%	20.85%	5.46%	10.26%	62.56
XLC	Communication Services Select Sector SPDR Fund	-1.53%	40.50%	3.11%	9.83%	55.82
SPY	SPDR S&P 500 ETF Trust	-1.66%	21.65%	3.25%	7.24%	53.96
XLB	Materials Select Sector SPDR Fund	-2.02%	13.44%	3.80%	4.74%	54.20
XLI	Industrial Select Sector SPDR Fund	-2.60%	15.26%	3.78%	6.50%	50.98
XLK	Technology Select Sector SPDR Fund	-3.91%	45.08%	1.36%	9.54%	41.49
XLY	Consumer Discretionary Select Sector SPDR Fund	-4.32%	27.92%	2.54%	6.62%	44.52
XLRE	Real Estate Select Sector SPDR Fund	-5.64%	22.62%	6.45%	7.61%	55.85
XLP	Consumer Staples Select Sector SPDR Fund	-6.75%	9.14%	2.97%	-0.36%	60.24
XLE	Energy Select Sector SPDR Fund	-7.75%	12.44%	2.12%	1.58%	59.11
XLU	Utilities Select Sector SPDR Fund	-9.46%	14.77%	3.34%	0.22%	61.27

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	1.66%
XLE	Energy Select Sector SPDR Fund	1.63%
RSPG	Invesco S&P 500 Equal Weight Energy ETF	1.52%
FTXN	First Trust Nasdaq Oil & Gas ETF	1.40%
FENY	Fidelity MSCI Energy Index ETF	1.37%
VDE	Vanguard Energy ETF	1.31%
IYE	iShares U.S. Energy ETF	1.28%
PXE	Invesco Energy Exploration & Production ETF	1.01%
FCG	First Trust Natural Gas ETF	0.98%
PXJ	Invesco Oil & Gas Services ETF	0.98%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IHE	iShares U.S. Pharmaceuticals ETF	72.99
XLV	Health Care Select Sector SPDR Fund	72.94
PJP	Invesco Pharmaceuticals ETF	71.10
VHT	Vanguard Health Care ETF	71.07
IYH	iShares U.S. Healthcare ETF	70.88
FHLC	Fidelity MSCI Health Care Index ETF	70.54
XPH	SPDR S&P Pharmaceuticals ETF	69.43
PINK	Simplify Health Care ETF	64.74
IBB	iShares Biotechnology ETF	64.67
FBT	First Trust NYSE Arca Biotechnology Index Fund	63.34

Sector & Industry 1 Day Performance Laggards

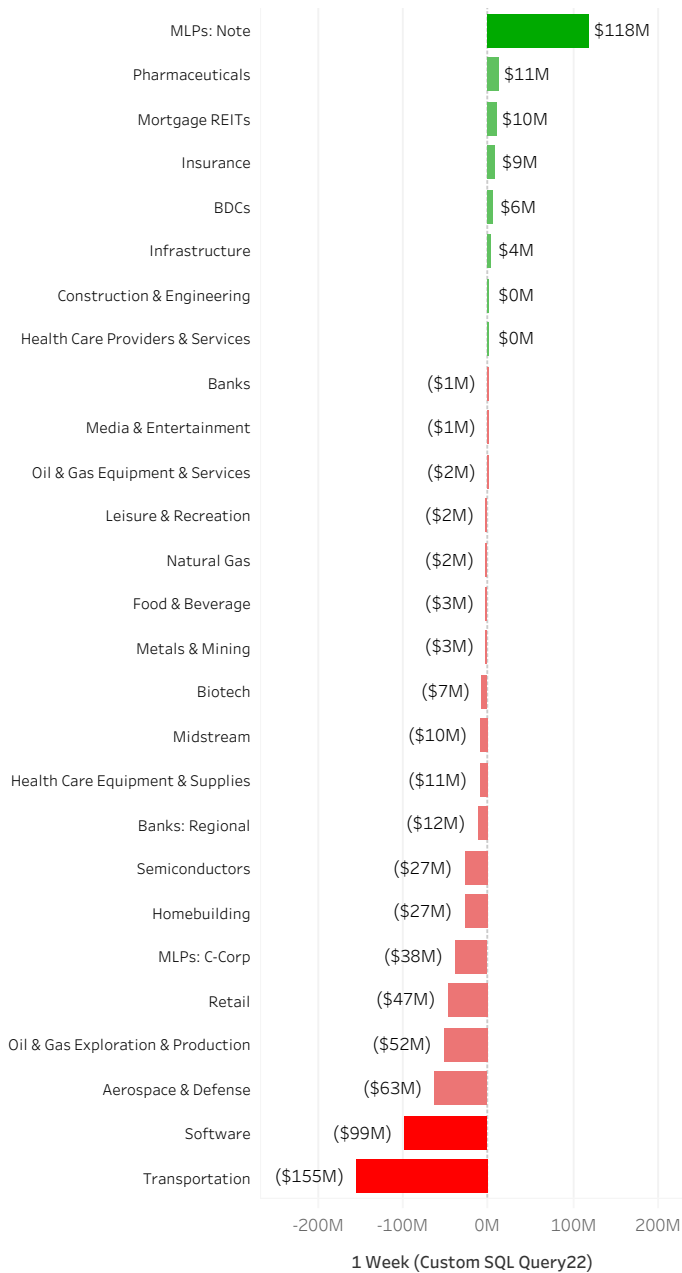
Ticker	Fund	1 Day Performance
XRT	SPDR S&P Retail ETF	-3.61%
KBWR	Invesco KBW Regional Banking ETF	-3.58%
QABA	First Trust NASDAQ ABA Community Bank Index Fund	-3.53%
XHE	SPDR S&P Health Care Equipment ETF	-3.43%
KRE	SPDR S&P Regional Banking ETF	-3.29%
IAT	iShares U.S. Regional Banks ETF	-3.14%
AIRR	First Trust RBA American Industrial Renaissance ETF	-3.10%
FXD	First Trust Consumer Discretionary AlphaDEX Fund	-3.05%
XSD	SPDR S&P Semiconductor ETF	-3.04%
PSCT	Invesco S&P SmallCap Information Technology ETF	-2.99%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
PTF	Invesco Dorsey Wright Technology Momentum ETF	39.44
IGV	iShares Expanded Tech-Software Sector ETF	40.70
VGT	Vanguard Information Technology ETF	41.15
FTEC	Fidelity MSCI Information Technology Index ETF	41.17
XLK	Technology Select Sector SPDR Fund	41.49
MORT	VanEck Mortgage REIT Income ETF	42.80
IYW	iShares U.S. Technology ETF	42.88
XSW	SPDR S&P Software & Services ETF	42.90
PEJ	Invesco Leisure and Entertainment ETF	43.09
REM	iShares Mortgage Real Estate ETF	43.43

* 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	(\$80M)	\$1,482M	\$1,787M	\$3,948M
Consumer Discretionary	12	\$29B	(\$203M)	\$128M	\$1,425M	\$3,279M
Consumer Staples	10	\$26B	(\$177M)	(\$2,540M)	(\$3,769M)	(\$3,430M)
Energy	30	\$71B	(\$397M)	(\$472M)	\$2,338M	(\$8,339M)
Financials	26	\$62B	(\$34M)	\$937M	(\$1,130M)	\$674M
Health Care	23	\$89B	\$193M	(\$3,282M)	(\$6,402M)	(\$9,997M)
Industrial	13	\$36B	(\$178M)	(\$239M)	\$293M	\$1,560M
Materials	9	\$12B	\$30M	(\$883M)	(\$1,739M)	(\$2,474M)
Multi-Sector	16	\$20B	(\$129M)	(\$25M)	\$326M	\$2,463M
Real Estate	25	\$62B	\$173M	\$2,236M	\$2,380M	(\$1,333M)
Technology	23	\$171B	(\$513M)	\$4,940M	\$5,460M	\$5,425M
Utilities	9	\$22B	(\$120M)	(\$1,121M)	(\$1,598M)	(\$1,698M)

U.S. Sector & Industry Flow Leaders

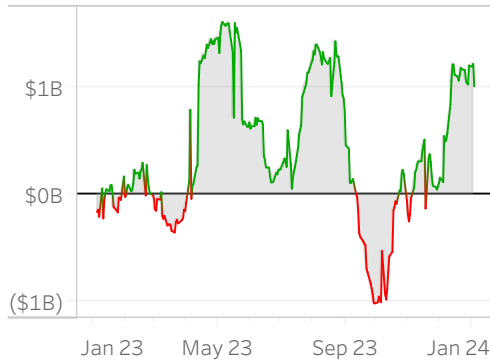
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	\$197M	(\$2,090M)	(\$4,050M)	(\$3,957M)	\$38,620M
VNQ	Vanguard Real Estate ETF	\$187M	(\$440M)	(\$162M)	(\$1,704M)	\$34,011M
AMJ	J.P. Morgan Alerian MLP Index ETN	\$118M	(\$11M)	(\$53M)	(\$78M)	\$3,018M
IBB	iShares Biotechnology ETF	\$83M	(\$159M)	(\$549M)	(\$1,423M)	\$7,626M
VGT	Vanguard Information Technology ETF	\$64M	\$1,205M	\$1,350M	(\$88M)	\$57,712M
XLI	Industrial Select Sector SPDR Fund	\$43M	(\$582M)	(\$157M)	\$199M	\$15,427M
IAK	iShares U.S. Insurance ETF	\$40M	\$89M	\$48M	(\$127M)	\$470M
RWR	SPDR Dow Jones REIT ETF	\$36M	\$29M	\$47M	(\$161M)	\$1,476M
XLB	Materials Select Sector SPDR Fund	\$27M	(\$355M)	(\$966M)	(\$632M)	\$5,124M
ITB	iShares U.S. Home Construction ETF	\$25M	(\$23M)	(\$337M)	\$150M	\$2,416M

U.S. Sector & Industry Flow Laggards

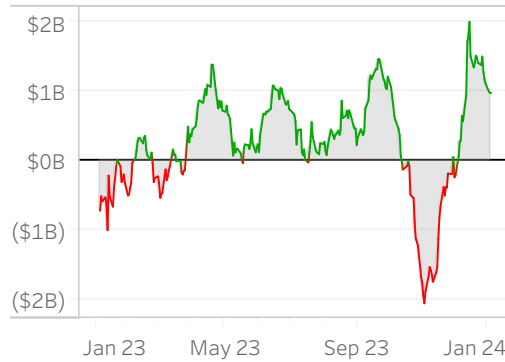
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	(\$341M)	(\$163M)	\$1,545M	(\$2,690M)	\$36,321M
XLP	Consumer Staples Select Sector SPDR Fund	(\$161M)	(\$1,562M)	(\$1,527M)	(\$1,223M)	\$15,413M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$160M)	\$323M	\$1,340M	\$2,012M	\$19,232M
IYT	iShares US Transportation ETF	(\$155M)	(\$227M)	(\$259M)	(\$121M)	\$724M
XLU	Utilities Select Sector SPDR Fund	(\$118M)	(\$409M)	(\$694M)	(\$560M)	\$14,325M
PTF	Invesco Dorsey Wright Technology Momentum ..	(\$111M)	\$8M	\$67M	\$83M	\$347M
FDN	First Trust Dow Jones Internet Index Fund	(\$102M)	(\$368M)	(\$234M)	\$480M	\$5,713M
IGV	iShares Expanded Tech-Software Sector ETF	(\$99M)	(\$144M)	(\$95M)	\$310M	\$7,179M
XBI	SPDR S&P BIOTECH ETF	(\$93M)	\$160M	\$25M	(\$1,687M)	\$7,092M
IGM	iShares Expanded Tech Sector ETF	(\$87M)	(\$6M)	\$34M	(\$8M)	\$3,579M

* 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



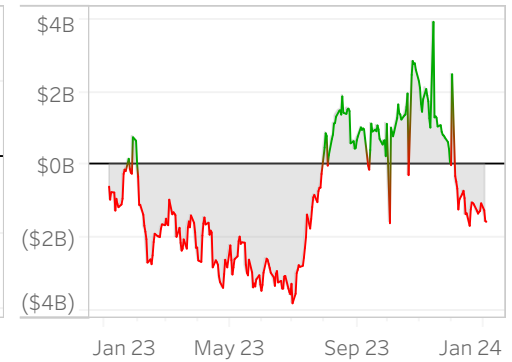
Consumer Discretionary



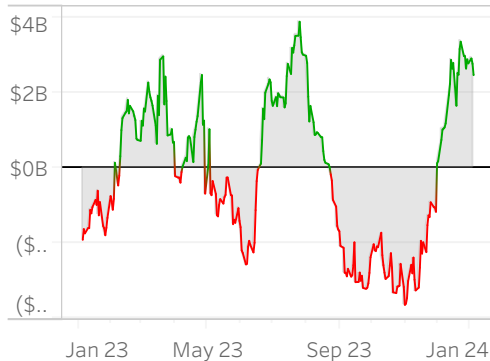
Consumer Staples



Energy



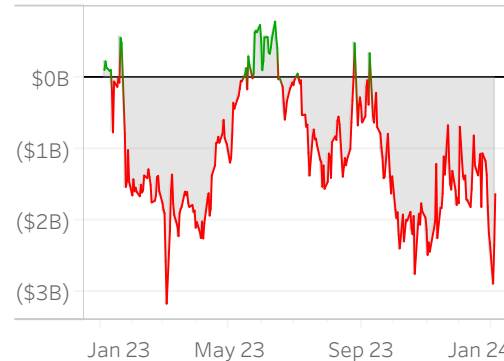
Financials



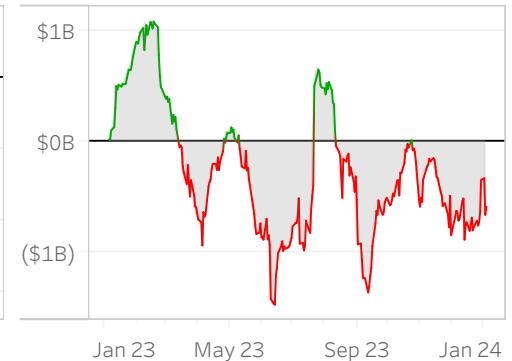
Industrial



Health Care



Materials



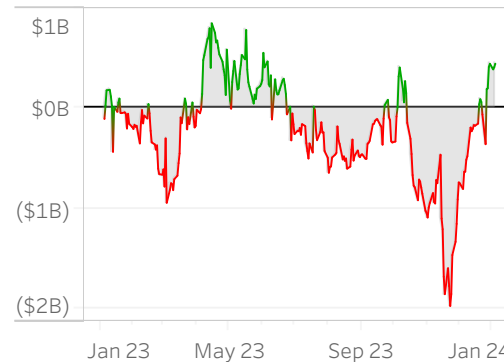
Real Estate



Technology



Utilities

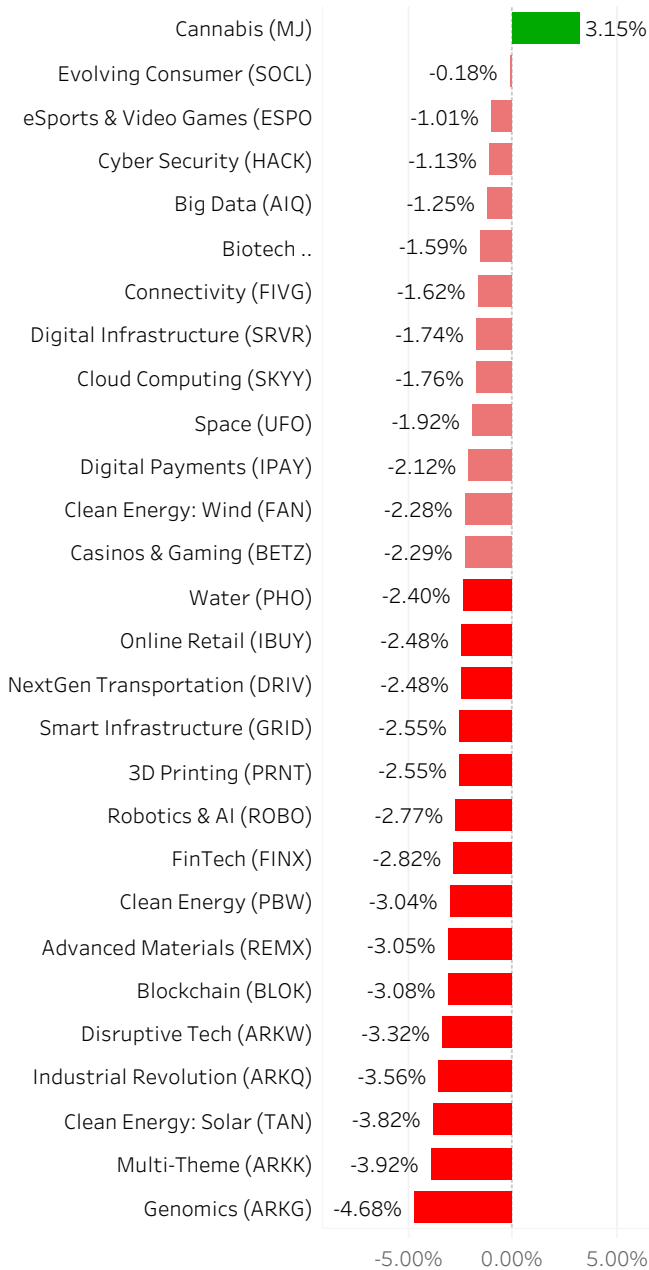


Multi-Sector

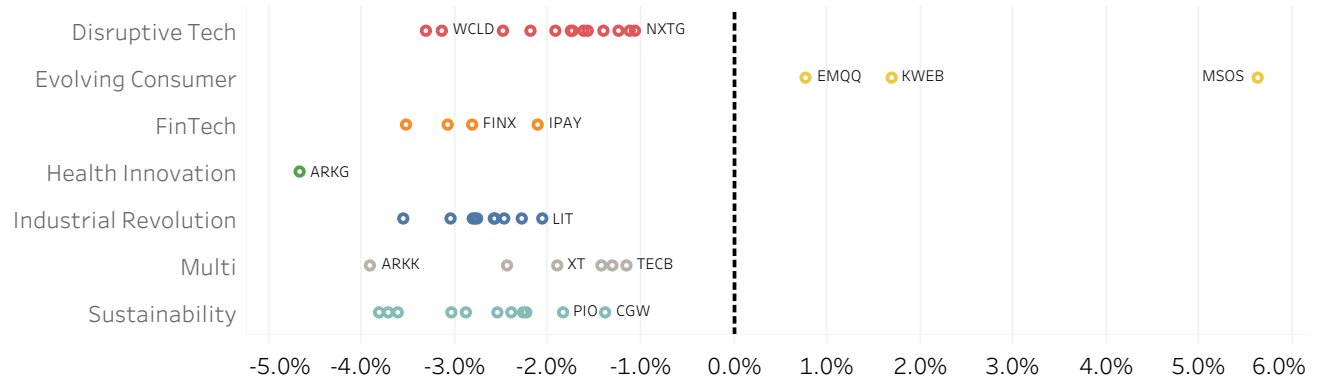


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
MSOS	AdvisorShares Pure US Cannabis ETF	5.62%
MJUS	ETFMG U.S. Alternative Harvest ETF	3.77%
MJ	ETFMG Alternative Harvest ETF	3.15%
KWEB	KraneShares CSI China Internet ETF	1.69%
KGRN	KraneShares MSCI China Clean Technology Index ETF	1.50%
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	0.76%
SAMT	Strategas Macro Thematic Opportunities ETF	-0.11%
SOCL	Global X Social Media ETF	-0.18%
AGNG	Global X Aging Population ETF	-0.59%
HERO	Global X Video Games & Esports ETF	-0.66%

Thematic Most Overbought

Ticker	Fund	Price
AGNG	Global X Aging Population ETF	66.42
SBIO	ALPS Medical Breakthroughs ETF	64.68
IDNA	iShares Genomics Immunology and Healthcare ETF	62.97
PAWZ	ProShares Pet Care ETF	56.81
MSOS	AdvisorShares Pure US Cannabis ETF	56.67
MJUS	ETFMG U.S. Alternative Harvest ETF	56.58
MJ	ETFMG Alternative Harvest ETF	55.36
WGMI	Valkyrie Bitcoin Miners ETF	54.91
SRVR	Pacer Data & Infrastructure Real Estate ETF	54.14
PIO	Invesco Global Water ETF	53.72

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
ARKG	ARK Genomic Revolution ETF	-4.68%
ARKK	ARK Innovation ETF	-3.92%
DAPP	VanEck Digital Transformation ETF	-3.91%
TAN	Invesco Solar ETF	-3.82%
ACES	ALPS Clean Energy ETF	-3.72%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	-3.62%
ARKQ	ARK Autonomous Technology & Robotics ETF	-3.56%
ARKF	ARK Fintech Innovation ETF	-3.53%
CTEC	Global X CleanTech ETF	-3.42%
GNOM	Global X Genomics & Biotechnology ETF	-3.38%

Thematic Most Oversold

Ticker	Fund	Price
BATT	Amplify Lithium & Battery Technology ETF	41.62
ENR	ERShares Entrepreneurs ETF	41.65
ARKQ	ARK Autonomous Technology & Robotics ETF	41.82
SAMT	Strategas Macro Thematic Opportunities ETF	41.88
EVX	VanEck Environmental Services ETF	42.01
IRBO	iShares Robotics and Artificial Intelligence Multisector E..	42.15
WCLD	WisdomTree Cloud Computing Fund	42.16
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	42.17
HERO	Global X Video Games & Esports ETF	42.18
BOTZ	Global X Robotics & Artificial Intelligence ETF	42.32

* 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	
ARKG	ARK Genomic Revolution ETF	\$134M
TAN	Invesco Solar ETF	\$52M
AIQ	Global X Artificial Intelligence & Technology ETF	\$39M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$19M
ICLN	iShares Global Clean Energy ETF	\$17M
ARKF	ARK Fintech Innovation ETF	\$16M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$14M
WGM	Valkyrie Bitcoin Miners ETF	\$10M
IHAK	iShares Cybersecurity & Tech ETF	\$7M
WCLD	WisdomTree Cloud Computing Fund	\$7M

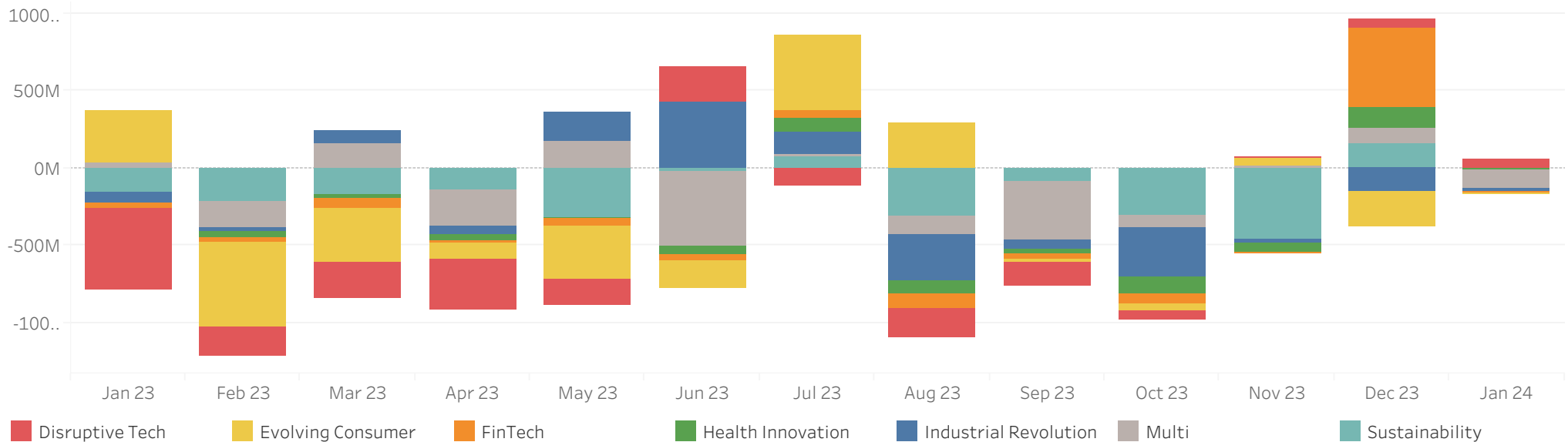
Thematic 1 Week Flow Laggards

Ticker	Fund	
ARKK	ARK Innovation ETF	(\$131M)
ARKW	ARK Next Generation Internet ETF	(\$90M)
SKYY	First Trust Cloud Computing ETF	(\$13M)
KWEB	KraneShares CSI China Internet ETF	(\$12M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$10M)
IPAY	ETFMG Prime Mobile Payments ETFMG Prime Mobile Payments F..	(\$9M)
ROBO	ROBO Global Robotics & Automation Index ETF	(\$8M)
CGW	Invesco S&P Global Water Index ETF	(\$8M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$8M)
LIT	Global X Lithium & Battery Tech ETF	(\$7M)

Thematic Landscape Assets & Flows

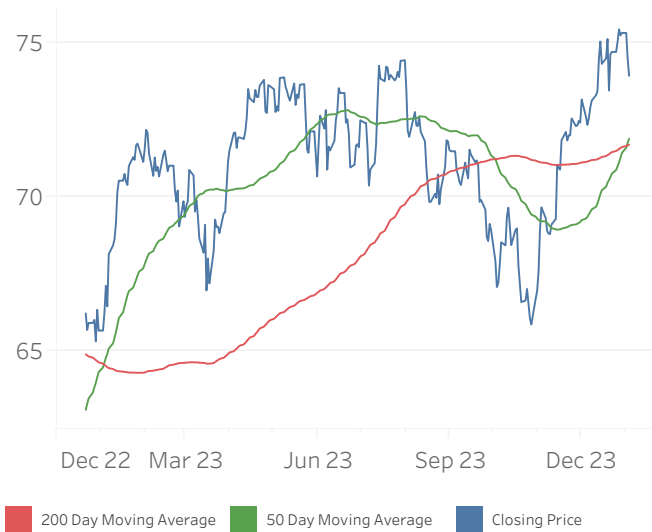
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$18B	\$58M	\$58M	(\$399M)	(\$1,613M)
Evolving Consumer	37	\$8B	(\$1M)	(\$253M)	\$509M	(\$660M)
FinTech	17	\$4B	\$21M	\$451M	\$348M	\$132M
Health Innovation	17	\$3B	\$87M	(\$31M)	(\$35M)	(\$229M)
Industrial Revolution	30	\$10B	(\$27M)	(\$507M)	(\$761M)	(\$206M)
Multi	35	\$16B	(\$147M)	(\$7M)	(\$519M)	(\$1,094M)
Sustainability	40	\$14B	(\$2M)	(\$597M)	(\$946M)	(\$1,978M)
Grand Total	209	\$73B	(\$12M)	(\$885M)	(\$1,804M)	(\$5,648M)

Thematic Monthly Flows

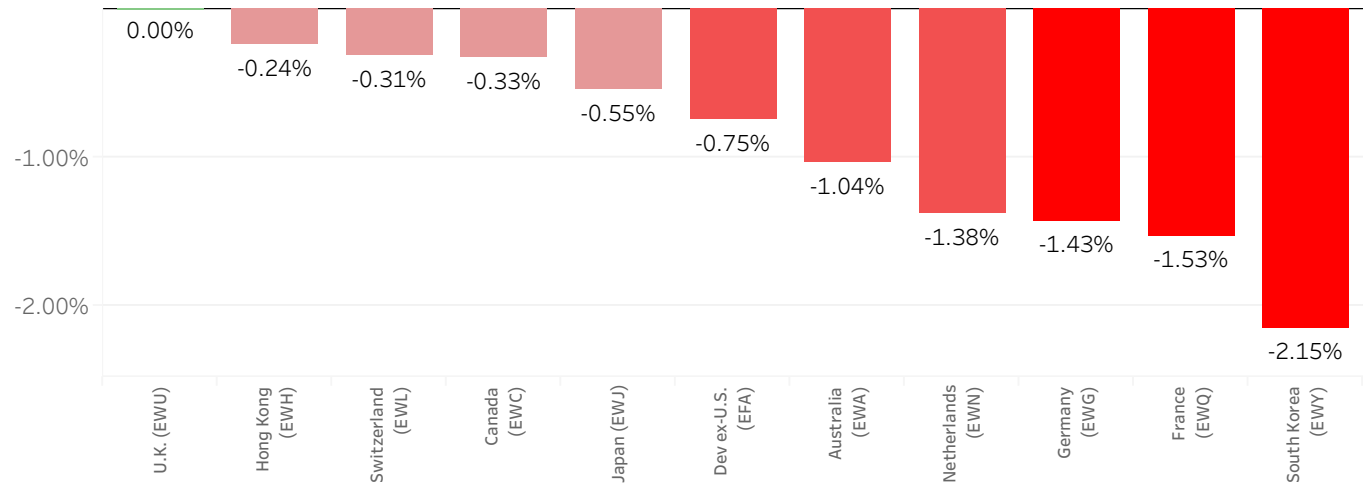


*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

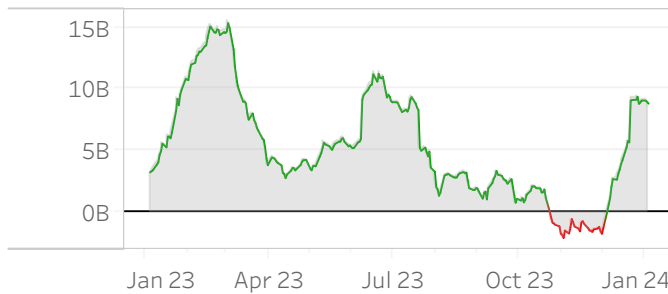
Developed ex-U.S. (EFA)



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



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



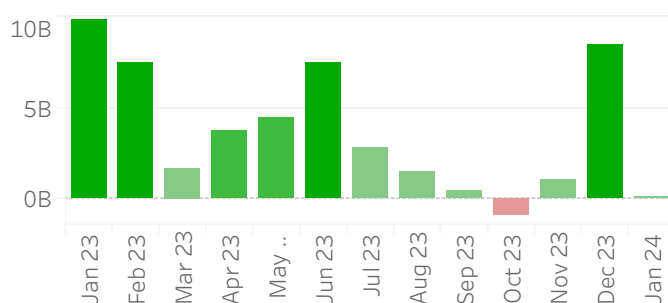
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
NORW	Global X MSCI Norway ETF	0.74%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	0.64%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	0.59%
DXJ	WisdomTree Japan Hedged Equity Fund	0.57%
HEWJ	iShares Currency Hedged MSCI Japan ETF	0.37%
TTAI	FCF International Quality ETF	0.22%
QLVD	FlexShares Developed Markets ex-US Quality Low Volatility I..	0.19%
FLGB	Franklin FTSE United Kingdom ETF	0.08%
EWU	iShares MSCI United Kingdom ETF	0.00%
EFAV	iShares MSCI EAFE Min Vol Factor ETF	-0.04%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
EIS	iShares MSCI Israel ETF	64.65
EWL	iShares MSCI Switzerland ETF	64.60
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	61.92
FYLD	Cambria Foreign Shareholder Yield ETF	61.82
RFDI	First Trust Riverfront Dynamic Developed International E..	61.50
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	60.71
DFJ	WisdomTree Japan SmallCap Dividend Fund	60.52
EDEN	iShares MSCI Denmark ETF	60.38
TTAI	FCF International Quality ETF	59.68
QLVD	FlexShares Developed Markets ex-US Quality Low Volatilit..	59.44

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	-2.15%
EWD	iShares MSCI Sweden ETF	-2.12%
FSZ	First Trust Switzerland AlphaDEX Fund	-1.76%
IEUS	iShares MSCI Europe Small-Cap ETF	-1.69%
FLKR	Franklin FTSE South Korea ETF	-1.60%
EWQ	iShares MSCI France ETF	-1.53%
EWI	iShares MSCI Italy ETF	-1.51%
DAX	Global X DAX Germany ETF	-1.51%
EWG	iShares MSCI Germany ETF	-1.43%
EZU	iShares MSCI Eurozone ETF	-1.41%

Developed ex-U.S. Most Oversold

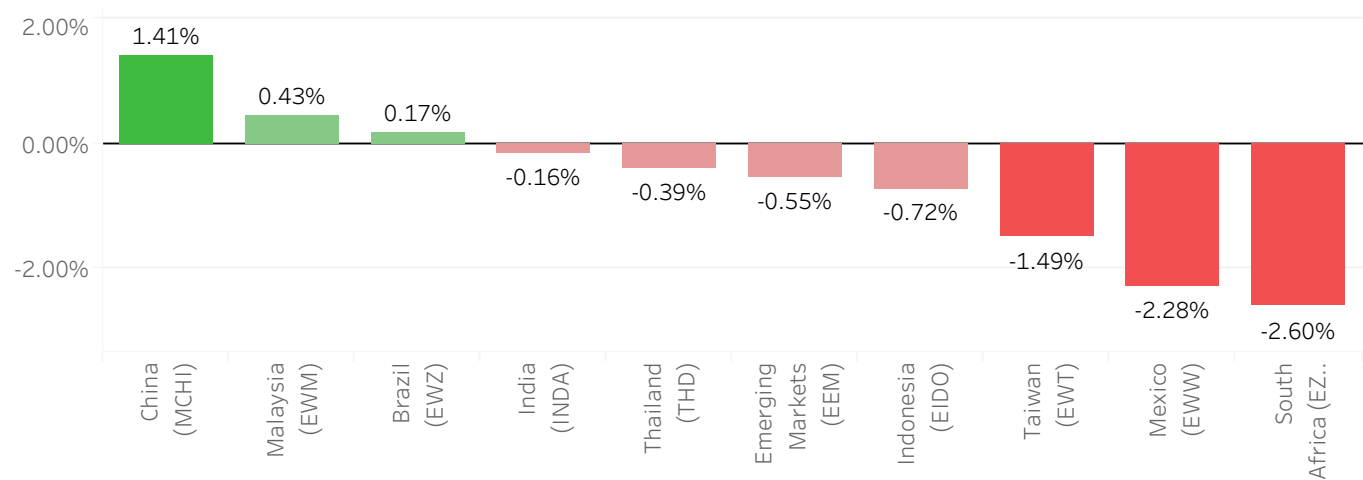
Ticker	Fund	Price
EWQ	iShares MSCI France ETF	43.80
EWN	iShares MSCI Netherlands ETF	44.45
HEZU	iShares Currency Hedged MSCI Eurozone ETF	44.80
EZU	iShares MSCI Eurozone ETF	45.19
EWO	iShares MSCI Austria ETF	45.38
FEZ	SPDR EURO STOXX 50 ETF	45.91
EWX	iShares MSCI Hong Kong ETF	46.28
DAX	Global X DAX Germany ETF	46.65
EWI	iShares MSCI Italy ETF	46.76
EWP	iShares MSCI Spain ETF	46.83

*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)



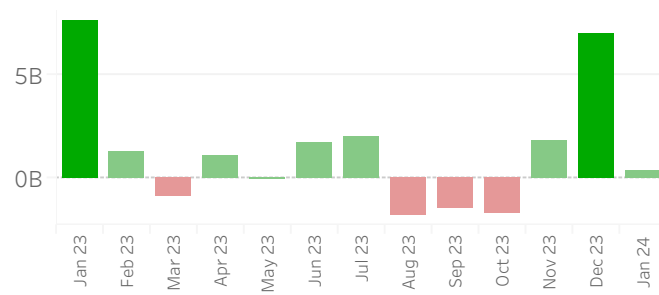
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
FXI	iShares China Large-Cap ETF	1.85%
PGJ	Invesco Golden Dragon China ETF	1.47%
MCHI	iShares MSCI China ETF	1.41%
FLCH	Franklin FTSE China ETF	1.34%
GXC	SPDR S&P China ETF	0.68%
EPOL	iShares MSCI Poland ETF	0.59%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	0.59%
BKF	iShares MSCI BIC ETF	0.55%
EWM	iShares MSCI Malaysia ETF	0.43%
FLBR	Franklin FTSE Brazil ETF	0.38%

Emerging Most Overbought

Ticker	Fund	Price
KWT	iShares MSCI Kuwait ETF	67.26
SMIN	iShares MSCI India Small Cap ETF	66.72
EPI	WisdomTree India Earnings Fund	65.71
NFTY	First Trust India NIFTY 50 Equal Weight ETF	65.50
FLIN	Franklin FTSE India ETF	64.37
INDA	iShares MSCI India ETF	63.58
QAT	iShares MSCI Qatar ETF	62.89
THD	iShares MSCI Thailand ETF	61.41
INDY	iShares India 50 ETF	60.82
GLIN	VanEck India Growth Leaders ETF	60.27

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
TUR	iShares MSCI Turkey ETF	-3.09%
EZA	iShares MSCI South Africa ETF	-2.60%
EWW	iShares MSCI Mexico ETF	-2.28%
KSA	iShares MSCI Saudi Arabia ETF	-2.19%
QAT	iShares MSCI Qatar ETF	-1.64%
EWT	iShares MSCI Taiwan ETF	-1.49%
FLTW	Franklin FTSE Taiwan ETF	-1.33%
DGRE	WisdomTree Emerging Markets Quality Dividend Growt..	-1.32%
XCEM	Columbia EM Core ex-China ETF	-1.20%
EMXC	iShares MSCI Emerging Markets ex China ETF	-1.13%

Emerging Most Oversold

Ticker	Fund	Price
TUR	iShares MSCI Turkey ETF	35.17
EWT	iShares MSCI Taiwan ETF	35.43
CNYA	iShares MSCI China A ETF	38.94
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	40.60
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	41.98
ECNS	iShares MSCI China Small-Cap ETF	43.33
EZA	iShares MSCI South Africa ETF	44.98
JEMA	JPMorgan ActiveBuilders Emerging Markets Equity ..	45.04
EMGF	iShares Emerging Markets Equity Factor ETF	45.39
FXI	iShares China Large-Cap ETF	45.48

*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	0.05%	2.36%	-0.42%
SHY	1-3 Year Treasury Bonds	0.02%	0.71%	-0.10%
IEF	7-10 Year Treasury Bonds	0.24%	2.66%	-0.13%
TLT	20+ Year Treasury Bonds	0.42%	6.49%	-0.16%
TIP	TIPS Bonds	0.16%	1.93%	0.02%
FLOT	Floating Rate Bonds	0.00%	0.50%	0.04%
LQD	Investment Grade Corporate	-0.23%	2.69%	-0.90%
HYG	High Yield Corporate	-0.27%	1.72%	-0.61%
BKLN	Senior Loan	-0.05%	1.95%	-0.09%
PFF	Preferred & Income Securities	0.03%	1.73%	-0.10%
MUB	Municipal Bonds	0.05%	1.60%	-0.09%
MBB	MBS	0.13%	2.68%	-0.46%
EMB	Dollar Denominated EM Bonds	-0.39%	1.55%	-1.37%
LEMB	Local Currency EM Bond	-0.63%	1.32%	-1.14%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.83%	-2.66%	0.13%
DBE	Energy	2.93%	-2.19%	2.40%
USO	WTI Crude Oil	3.68%	-1.52%	2.31%
BNO	Brent Crude Oil	3.41%	-0.46%	2.23%
UNG	Natural Gas	4.82%	-0.18%	7.30%
UGA	Gasoline	3.08%	1.53%	2.62%
DBP	Precious Metals	-1.20%	-3.42%	-1.42%
GLD	Gold	-0.83%	-1.50%	-1.07%
SLV	Silver	-2.73%	-9.73%	-3.31%
PPLT	abrdn Physical Platin..	-0.87%	3.94%	-1.68%
PALL	abrdn Physical Palla..	-0.97%	6.83%	-2.25%
DBB	Base Metals	-0.44%	2.39%	-2.19%
CPER	Copper	0.04%	-1.16%	-0.75%
DBA	Agriculture	-0.48%	-2.22%	-0.72%
CORN	Corn	0.42%	-2.81%	-0.70%
SOYB	Soybeans	0.34%	-4.79%	-1.37%
WEAT	Wheat	-0.86%	0.00%	-3.52%
CANE	Sugar	-0.20%	-13.17%	0.52%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.33%	-0.14%	1.18%
UDN	Short Dollar	-0.30%	0.89%	-1.06%
FXE	Euro	-0.20%	0.61%	-1.05%
FXB	British Pound Sterling	0.32%	-0.08%	-0.64%
FXF	Swiss Franc	0.05%	2.31%	-1.02%
FXJ	Japanese Yen	-0.92%	2.37%	-1.67%
FXC	Canadian Dollar	-0.16%	1.14%	-0.80%
FXA	Australian Dollar	-0.44%	0.88%	-1.30%

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