

Large Cap Blend (S&P 500) IVV



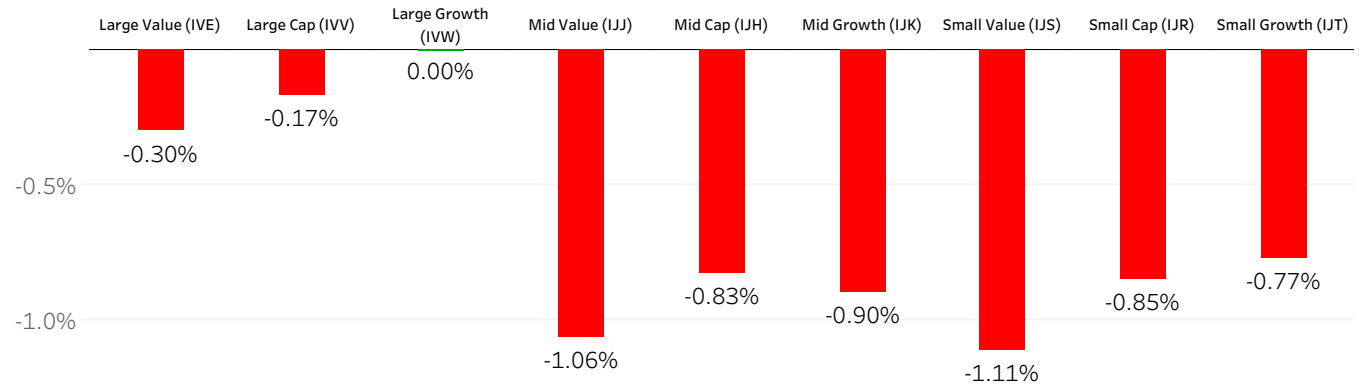
Mid Cap Blend (S&P 400) IJH



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
QQH	HCM Defender 100 Index ETF	0.91%
WINN	Harbor Long-Term Growers ETF	0.69%
MBCC	Monarch Blue Chips Core ETF	0.56%
DRUP	GraniteShares Nasdaq Select Disruptors ETF	0.54%
PWB	Invesco Large Cap Growth ETF	0.52%
QQQ	Invesco QQQ Trust Series I	0.48%
MTUM	iShares MSCI USA Momentum Factor ETF	0.46%
MMTM	SPDR S&P 1500 Momentum Tilt ETF	0.45%
QQQM	Invesco NASDAQ 100 ETF	0.40%
TMFC	Motley Fool 100 Index ETF	0.39%

Size & Style Most Overbought

Ticker	Fund	Price
EDOW	First Trust Dow 30 Equal Weight ETF	85.62
EQWL	Invesco S&P 100 Equal Weight ETF	83.92
LCG	Sterling Capital Focus Equity ETF	83.02
DIA	SPDR Dow Jones Industrial Average ETF Trust	82.97
SPHB	Invesco S&P 500 High Beta ETF	82.40
DRUP	GraniteShares Nasdaq Select Disruptors ETF	82.20
FCTR	First Trust Lunt U.S. Factor Rotation ETF	81.85
MMLG	First Trust Multi-Manager Large Growth ETF	81.64
MOAT	VanEck Morningstar Wide Moat ETF	81.54
AVSU	Avantis Responsible U.S. Equity ETF	81.24

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
QVMM	Invesco S&P MidCap 400 QVM Multi-factor ETF	-1.60%
XMLV	Invesco S&P MidCap Low Volatility ETF	-1.46%
JSML	Janus Henderson Small Cap Growth Alpha ETF	-1.44%
REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	-1.33%
FAB	First Trust Multi Cap Value AlphaDEX Fund	-1.31%
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	-1.22%
DVY	iShares Select Dividend ETF	-1.21%
PEY	Invesco High Yield Equity Dividend Achievers ETF	-1.18%
VIOV	Vanguard S&P Small-Cap 600 Value ETF	-1.18%
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	-1.17%

Size & Style Most Oversold

Ticker	Fund	Price
RPHS	Regents Park Hedged Market Strategy ETF	40.50
ALTL	Pacer Lunt Large Cap Alternator ETF	52.85
SPLV	Invesco S&P 500 Low Volatility ETF	55.46
NULV	Nuveen ESG Large-Cap Value ETF	58.72
LGLV	SPDR SSGA US Large Cap Low Volatility Index ETF	59.31
HUSV	First Trust Horizon Managed Volatility Domestic ETF	59.39
SPC	CrossingBridge Pre-Merger SPAC ETF	60.37
FDLO	Fidelity Low Volatility Factor ETF	61.28
SIXL	ETC 6 Meridian Low Beta Equity ETF	62.28
QLV	FlexShares US Quality Low Volatility Index Fund	62.53

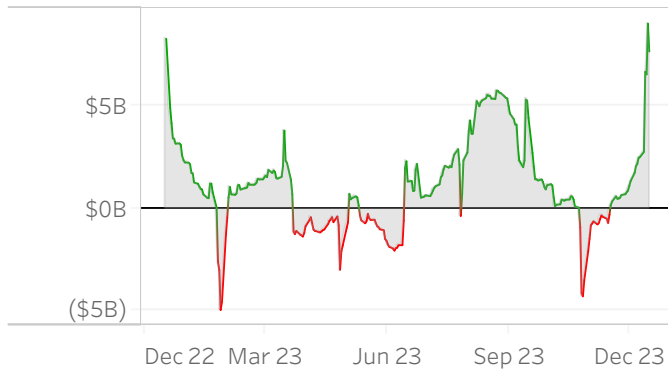
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

*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	\$1,632B	\$12.26B	\$73.06B	\$107.44B	\$119.55B
Large Cap, Beta, Beta: Growth	10	\$318B	\$4.24B	\$12.93B	\$14.99B	\$20.07B
Large Cap, Beta, Beta: Value	11	\$254B	\$14.04B	\$18.11B	\$18.00B	\$2.60B
Mid Cap, Beta, Beta	10	\$213B	\$1.82B	\$2.17B	\$8.77B	\$9.41B
Mid Cap, Beta, Beta: Growth	6	\$39B	\$0.24B	\$0.89B	\$0.99B	\$0.86B
Mid Cap, Beta, Beta: Value	6	\$44B	\$2.89B	\$1.84B	\$1.22B	(\$2.97B)
Small Cap, Beta, Beta	11	\$226B	\$3.81B	\$9.84B	\$7.59B	\$12.63B
Small Cap, Beta, Beta: Growth	7	\$37B	\$0.41B	\$1.12B	\$1.37B	\$1.13B
Small Cap, Beta, Beta: Value	7	\$55B	\$2.36B	\$1.84B	\$1.50B	(\$1.28B)

U.S. Size & Style Flow Leaders

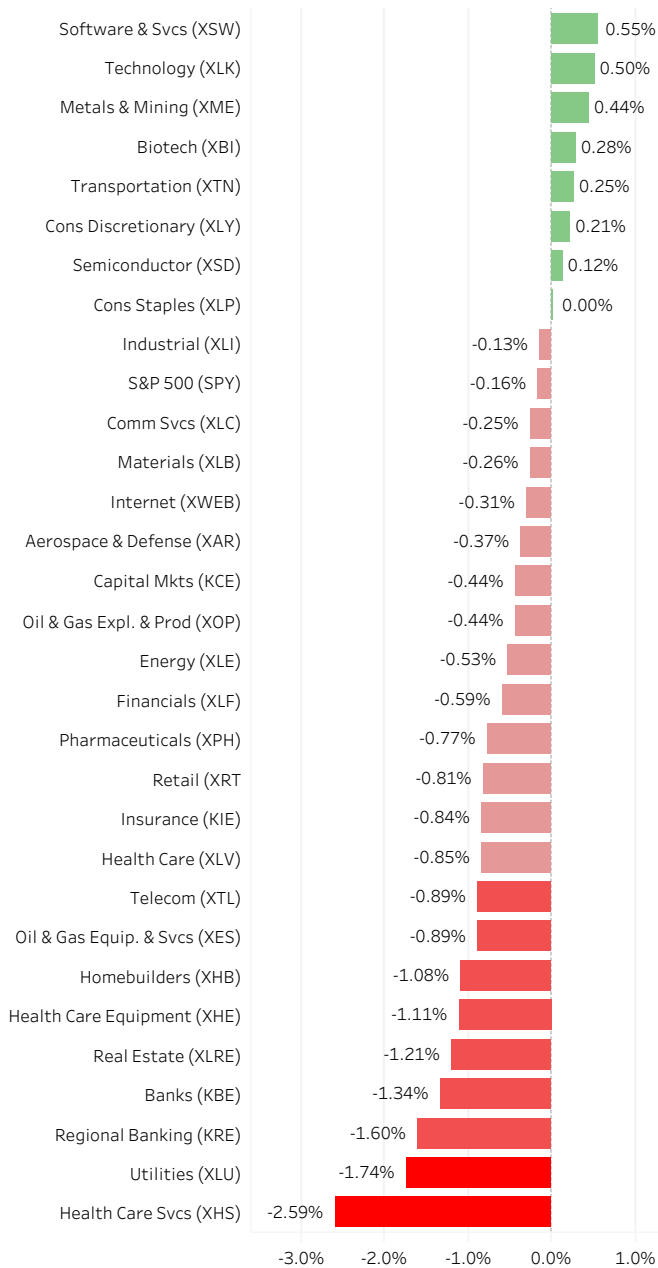
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVE	iShares S&P 500 Value ETF	\$7.39B	\$7.53B	\$7.34B	\$1.28B	\$34.59B
VOO	Vanguard S&P 500 ETF	\$4.59B	\$14.18B	\$29.31B	\$42.50B	\$370.02B
IUSV	iShares Core S&P US Value ETF	\$4.21B	\$4.45B	\$4.47B	\$2.04B	\$19.58B
SPYV	SPDR Portfolio S&P 500 Value ETF	\$4.16B	\$5.98B	\$6.69B	\$1.81B	\$23.91B
SPY	SPDR S&P 500 ETF Trust	\$3.34B	\$22.27B	\$19.29B	\$13.37B	\$459.32B
VUG	Vanguard Growth ETF	\$2.94B	\$3.96B	\$3.26B	\$6.51B	\$105.54B
VXF	Vanguard Extended Market ETF	\$2.79B	\$3.49B	\$2.65B	\$3.92B	\$20.71B
QQQ	Invesco QQQ Trust Series I	\$2.35B	\$5.85B	\$5.69B	\$8.57B	\$226.72B
IWM	iShares Russell 2000 ETF	\$2.04B	\$6.91B	\$1.03B	\$1.72B	\$62.41B
RSP	Invesco S&P 500 Equal Weight ETF	\$1.91B	\$4.09B	\$9.32B	\$11.97B	\$48.59B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.36B)	\$0.54B	\$0.41B	(\$1.52B)	\$32.11B
QUAL	iShares MSCI USA Quality Factor ETF	(\$0.30B)	\$1.41B	\$1.54B	\$11.30B	\$36.11B
IWB	iShares Russell 1000 ETF	(\$0.29B)	(\$0.05B)	(\$0.63B)	(\$1.62B)	\$32.22B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.28B)	(\$2.71B)	(\$3.49B)	(\$5.15B)	\$26.88B
SPLV	Invesco S&P 500 Low Volatility ETF	(\$0.10B)	(\$0.62B)	(\$0.97B)	(\$2.01B)	\$8.25B
USSG	Xtrackers MSCI USA ESG Leaders Equity ETF	(\$0.10B)	(\$0.35B)	(\$0.40B)	(\$2.39B)	\$0.99B
DGRO	iShares Core Dividend Growth ETF	(\$0.08B)	\$0.20B	\$0.20B	(\$0.93B)	\$25.10B
VTHR	Vanguard Russell 3000 ETF	(\$0.05B)	\$0.02B	\$0.05B	\$0.20B	\$1.92B
IWV	iShares Russell 3000 ETF	(\$0.04B)	(\$0.05B)	\$0.00B	(\$0.67B)	\$12.22B
LGLV	SPDR SSGA US Large Cap Low Volatility Index ..	(\$0.03B)	(\$0.07B)	(\$0.08B)	\$0.09B	\$0.77B

* 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	0.00%	58.19%	8.36%	15.31%	74.39
XLY	Consumer Discretionary Select Sector SPDR Fund	0.00%	39.58%	9.48%	11.75%	81.37
XLI	Industrial Select Sector SPDR Fund	-0.13%	17.19%	8.70%	9.32%	81.80
XLC	Communication Services Select Sector SPDR Fund	-0.25%	48.05%	3.71%	10.24%	60.96
SPY	SPDR S&P 500 ETF Trust	-0.57%	23.71%	6.06%	8.65%	73.38
XLF	Financial Select Sector SPDR Fund	-0.59%	20.56%	8.84%	11.27%	77.62
XLB	Materials Select Sector SPDR Fund	-0.64%	14.38%	7.50%	6.33%	73.01
XLV	Health Care Select Sector SPDR Fund	-1.60%	8.95%	3.69%	2.37%	64.41
XLRE	Real Estate Select Sector SPDR Fund	-4.37%	24.26%	12.77%	9.80%	76.69
XLP	Consumer Staples Select Sector SPDR Fund	-8.08%	7.58%	3.14%	-1.87%	57.90
XLE	Energy Select Sector SPDR Fund	-9.70%	10.07%	-1.42%	-0.14%	51.47
XLU	Utilities Select Sector SPDR Fund	-11.25%	13.85%	4.38%	-0.87%	56.48

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PTH	Invesco Dorsey Wright Healthcare Momentum ETF	1.46%
IGV	iShares Expanded Tech-Software Sector ETF	0.97%
XNTK	SPDR NYSE Technology ETF	0.91%
PXJ	Invesco Oil & Gas Services ETF	0.86%
QTEC	First Trust NASDAQ-100 Technology Sector Index ..	0.74%
IETC	iShares U.S. Tech Independence Focused ETF	0.72%
FTXL	First Trust Nasdaq Semiconductor ETF	0.61%
IGM	iShares Expanded Tech Sector ETF	0.57%
XSW	SPDR S&P Software & Services ETF	0.55%
FTEC	Fidelity MSCI Information Technology Index ETF	0.52%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
KCE	SPDR S&P Capital Markets ETF	83.67
IYC	iShares U.S. Consumer Discretionary ETF	83.48
PTH	Invesco Dorsey Wright Healthcare Momentum ETF	83.08
IYG	iShares US Financial Services ETF	82.40
VCR	Vanguard Consumer Discretionary ETF	82.37
XHB	SPDR S&P Homebuilders ETF	82.01
ITB	iShares U.S. Home Construction ETF	81.93
IYJ	iShares U.S. Industrials ETF	81.90
XLI	Industrial Select Sector SPDR Fund	81.80
RSPT	Invesco S&P 500 Equal Weight Technology ETF	81.63

Sector & Industry 1 Day Performance Laggards

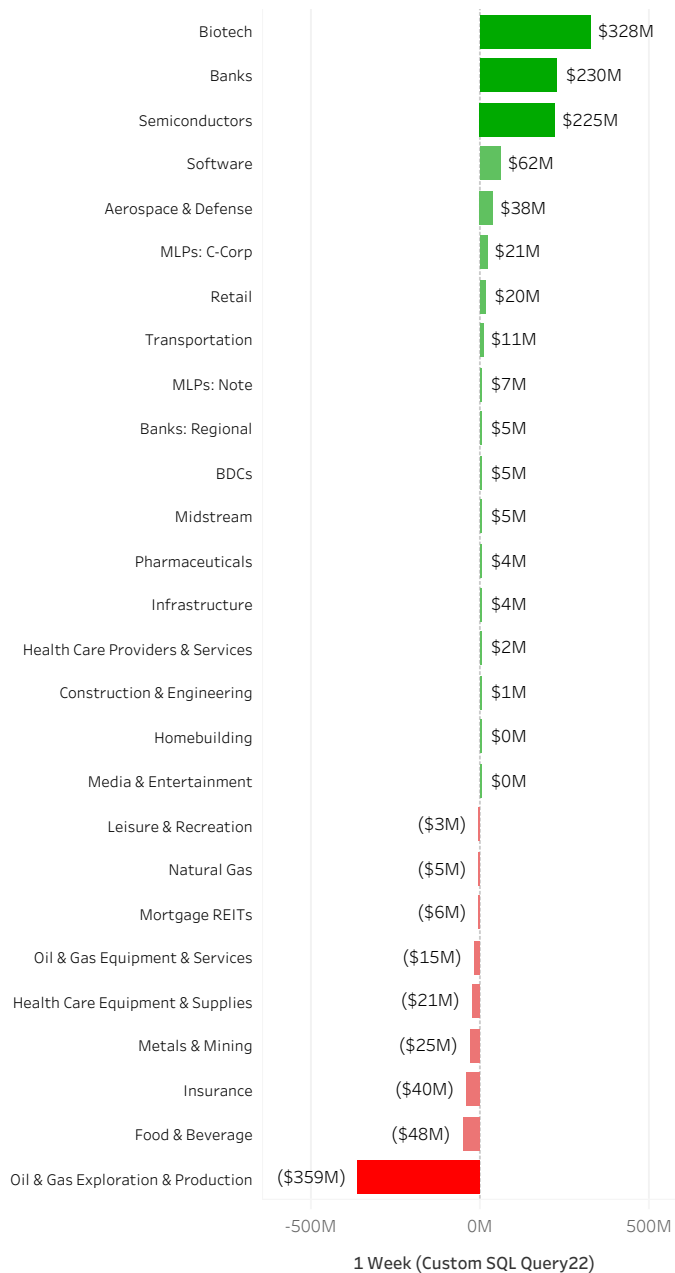
Ticker	Fund	1 Day Performance
XHS	SPDR S&P Health Care Services ETF	-2.59%
ROOF	IQ CBRE NextGen Real Estate ETF	-1.77%
KBWY	Invesco KBW Premium Yield Equity REIT ETF	-1.76%
FUTY	Fidelity MSCI Utilities Index ETF	-1.74%
XLU	Utilities Select Sector SPDR Fund	-1.74%
VPU	Vanguard Utilities ETF	-1.73%
REM	iShares Mortgage Real Estate ETF	-1.72%
REZ	iShares Residential and Multisector Real Estate ETF	-1.68%
IDU	iShares U.S. Utilities ETF	-1.67%
ITB	iShares U.S. Home Construction ETF	-1.63%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
AML	Alerian MLP ETF	44.58
KBWP	Invesco KBW Property & Casualty Insurance ETF	44.95
MLPA	Global X MLP ETF	45.17
FCG	First Trust Natural Gas ETF	47.05
FENY	Fidelity MSCI Energy Index ETF	47.64
MLPX	Global X MLP & Energy Infrastructure ETF	48.51
FXN	First Trust Energy AlphaDEX Fund	48.97
ENFR	Alerian Energy Infrastructure ETF	49.36
PXE	Invesco Energy Exploration & Production ETF	49.52
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	49.73

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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	\$20B	\$150M	\$931M	\$1,925M	\$3,487M
Consumer Discretionary	12	\$30B	\$489M	(\$213M)	\$1,402M	\$2,982M
Consumer Staples	10	\$26B	(\$580M)	(\$2,609M)	(\$3,912M)	(\$3,167M)
Energy	30	\$70B	(\$771M)	\$747M	\$1,908M	(\$7,044M)
Financials	26	\$61B	\$343M	(\$744M)	(\$1,330M)	(\$952M)
Health Care	23	\$87B	(\$198M)	(\$4,047M)	(\$6,287M)	(\$10,172M)
Industrial	13	\$29B	\$294M	(\$467M)	\$306M	\$1,587M
Materials	9	\$12B	(\$330M)	(\$1,378M)	(\$2,033M)	(\$2,546M)
Multi-Sector	17	\$20B	\$443M	(\$251M)	\$1,084M	\$2,630M
Real Estate	25	\$57B	\$365M	\$1,362M	\$1,666M	(\$2,204M)
Technology	23	\$175B	\$1,064M	\$5,983M	\$4,343M	\$6,274M
Utilities	9	\$21B	\$53M	(\$1,179M)	(\$2,026M)	(\$1,827M)

U.S. Sector & Industry Flow Leaders

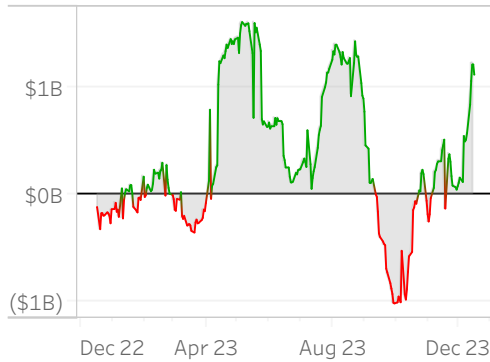
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$418M	(\$46M)	\$1,232M	\$1,884M	\$19,566M
FDN	First Trust Dow Jones Internet Index Fund	\$404M	(\$131M)	\$229M	\$885M	\$6,213M
VGT	Vanguard Information Technology ETF	\$261M	\$1,018M	\$905M	(\$13M)	\$58,815M
XLK	Technology Select Sector SPDR Fund	\$239M	\$2,829M	\$2,131M	\$553M	\$58,268M
SOXX	iShares Semiconductor ETF	\$233M	\$254M	\$53M	\$537M	\$10,321M
XLI	Industrial Select Sector SPDR Fund	\$219M	(\$440M)	(\$222M)	\$115M	\$15,712M
XLC	Communication Services Select Sector SPDR Fu..	\$193M	\$1,040M	\$1,664M	\$3,340M	\$15,724M
KBE	SPDR S&P Bank ETF	\$181M	\$313M	\$43M	(\$22M)	\$1,797M
XBI	SPDR S&P BIOTECH ETF	\$165M	\$265M	\$198M	(\$1,743M)	\$6,912M
IBB	iShares Biotechnology ETF	\$160M	(\$465M)	(\$500M)	(\$1,504M)	\$7,267M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLP	Consumer Staples Select Sector SPDR Fund	(\$484M)	(\$1,478M)	(\$1,741M)	(\$1,228M)	\$15,325M
XLV	Health Care Select Sector SPDR Fund	(\$439M)	(\$2,503M)	(\$4,019M)	(\$3,700M)	\$37,811M
XLE	Energy Select Sector SPDR Fund	(\$404M)	\$1,030M	\$1,364M	(\$1,754M)	\$36,969M
XLB	Materials Select Sector SPDR Fund	(\$294M)	(\$687M)	(\$913M)	(\$620M)	\$5,163M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$268M)	(\$101M)	(\$51M)	(\$917M)	\$3,269M
IEO	iShares U.S. Oil & Gas Exploration & Production..	(\$87M)	(\$101M)	\$67M	(\$279M)	\$745M
VHT	Vanguard Health Care ETF	(\$82M)	(\$660M)	(\$692M)	(\$748M)	\$16,491M
KIE	SPDR S&P Insurance ETF	(\$48M)	\$180M	\$168M	\$168M	\$744M
PBJ	Invesco Food & Beverage ETF	(\$42M)	(\$80M)	(\$156M)	(\$206M)	\$148M
XHB	SPDR S&P Homebuilders ETF	(\$30M)	\$37M	\$17M	\$205M	\$1,646M

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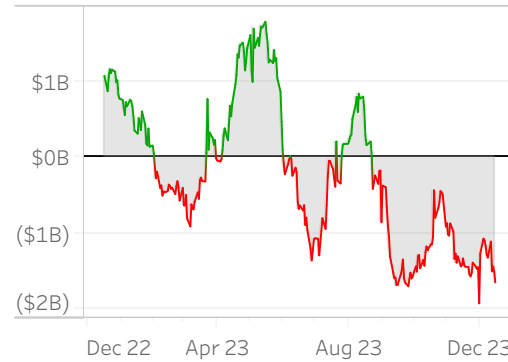
Communication Services



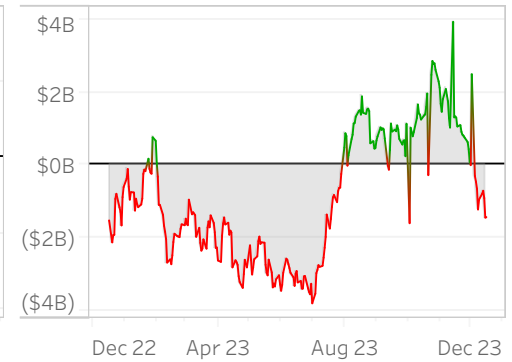
Consumer Discretionary



Consumer Staples



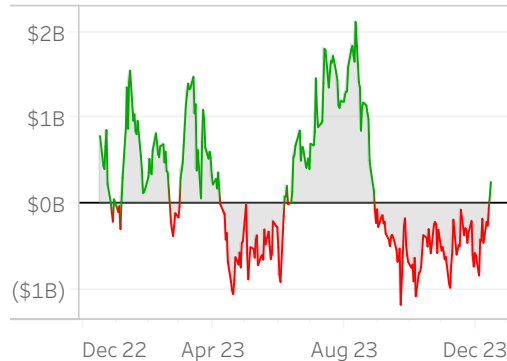
Energy



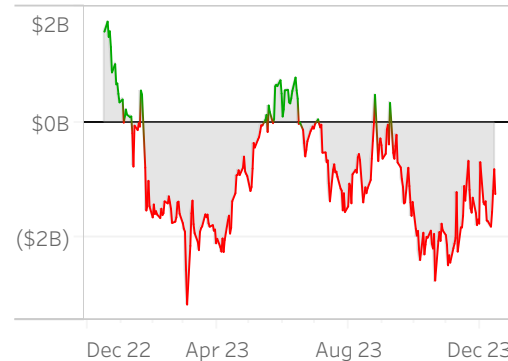
Financials



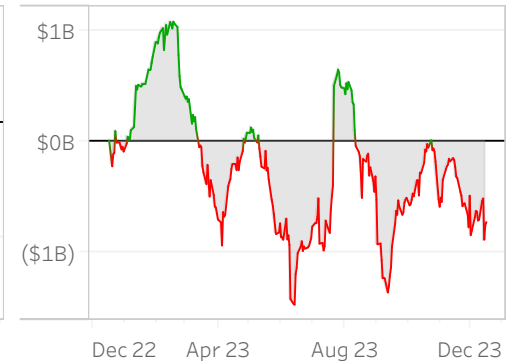
Industrial



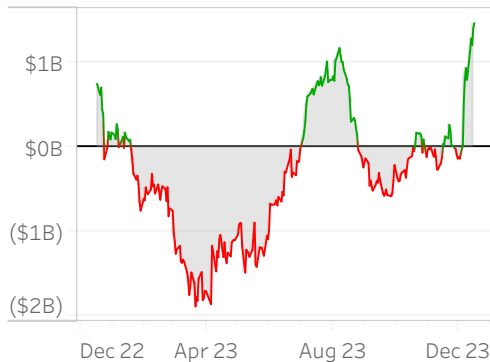
Health Care



Materials



Real Estate



Technology



Utilities

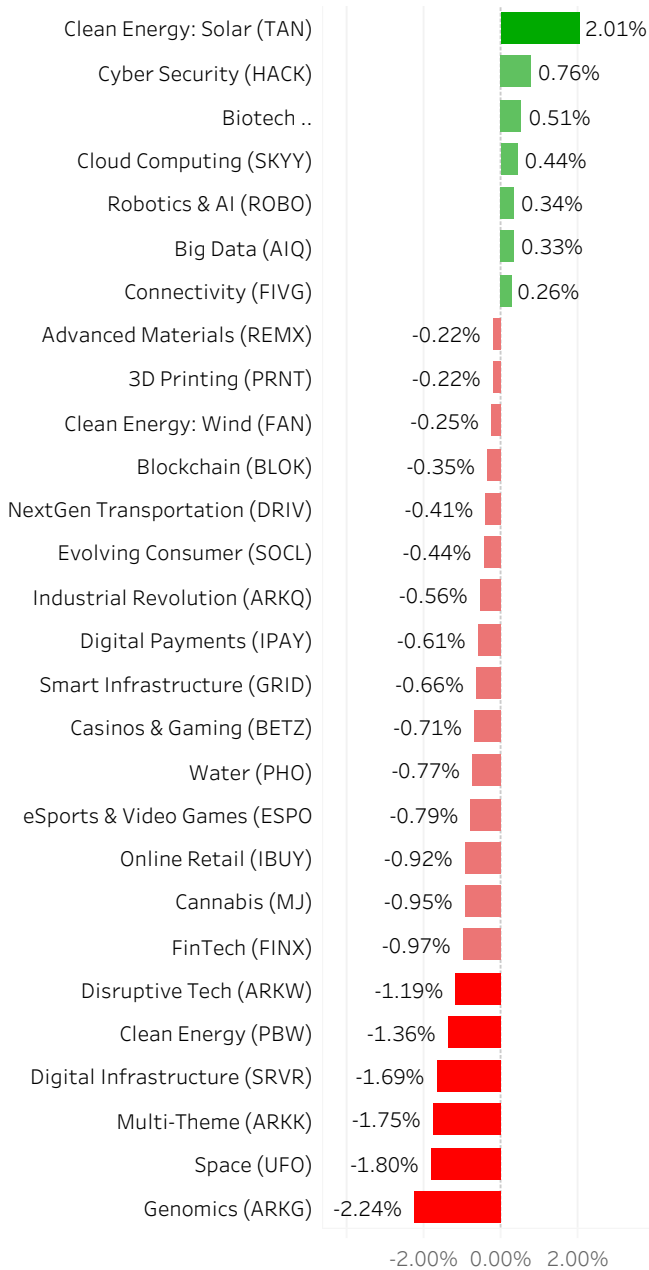


Multi-Sector

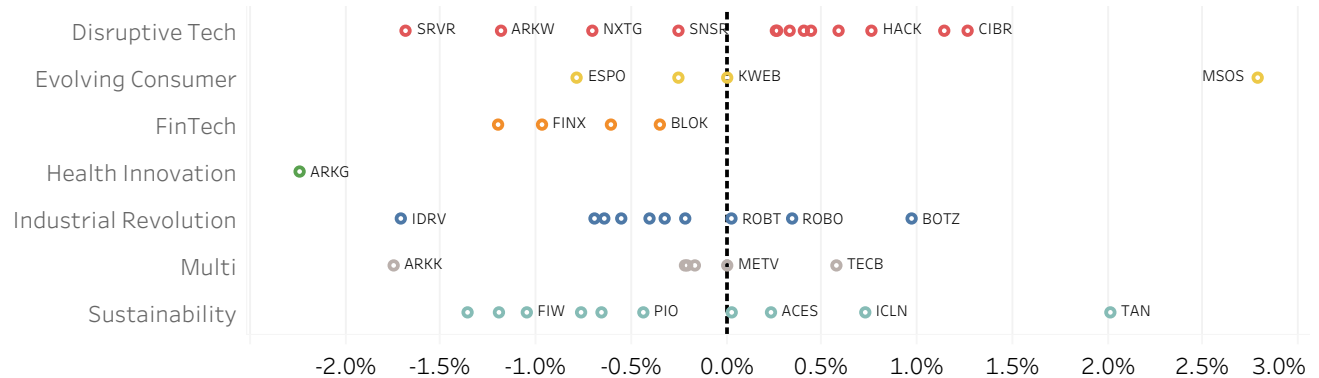


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
MSOS	AdvisorShares Pure US Cannabis ETF	2.78%
TAN	Invesco Solar ETF	2.01%
MJUS	ETFMG U.S. Alternative Harvest ETF	1.31%
CIBR	First Trust NASDAQ Cybersecurity ETF	1.26%
BUG	Global X Cybersecurity ETF	1.14%
BOTZ	Global X Robotics & Artificial Intelligence ETF	0.97%
HACK	ETFMG Prime Cyber Security ETF	0.76%
ICLN	iShares Global Clean Energy ETF	0.72%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	0.70%
CLOU	Global X Cloud Computing ETF	0.58%

Thematic Most Overbought

Ticker	Fund	Price
IHAK	iShares Cybersecurity & Tech ETF	87.76
BUG	Global X Cybersecurity ETF	87.52
CIBR	First Trust NASDAQ Cybersecurity ETF	86.75
HACK	ETFMG Prime Cyber Security ETF	83.43
DTEC	ALPS Disruptive Technologies ETF	82.88
SBIO	ALPS Medical Breakthroughs ETF	82.64
PIO	Invesco Global Water ETF	82.51
MILN	Global X Millennial Consumer ETF	82.33
ROBO	ROBO Global Robotics & Automation Index ETF	81.48
SNSR	Global X Internet of Things ETF	81.21

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
ARKG	ARK Genomic Revolution ETF	-2.24%
EDOC	Global X Telemedicine & Digital Health ETF Registered	-1.91%
ARKK	ARK Innovation ETF	-1.75%
IDRV	iShares Self-driving EV & Tech ETF	-1.71%
SRVR	Pacer Data & Infrastructure Real Estate ETF	-1.69%
GNOM	Global X Genomics & Biotechnology ETF	-1.54%
PBW	Invesco WilderHill Clean Energy ETF	-1.36%
HTEC	ROBO Global Healthcare Technology and Innovation E..	-1.36%
AGNG	Global X Aging Population ETF	-1.24%
ARKF	ARK Fintech Innovation ETF	-1.20%

Thematic Most Oversold

Ticker	Fund	Price
KGRN	KraneShares MSCI China Clean Technology Index ETF	40.73
MJUS	ETFMG U.S. Alternative Harvest ETF	45.27
MSOS	AdvisorShares Pure US Cannabis ETF	47.65
MJ	ETFMG Alternative Harvest ETF	48.19
KWEB	KraneShares CSI China Internet ETF	50.15
SAMT	Strategas Macro Thematic Opportunities ETF	53.76
LIT	Global X Lithium & Battery Tech ETF	54.16
REMX	VanEck Rare Earth/Strategic Metals ETF	54.57
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	56.96
BATT	Amplify Lithium & Battery Technology ETF	57.56

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Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$358M
BLOK	Amplify Transformational Data Sharing ETF	\$109M
ROBO	ROBO Global Robotics & Automation Index ETF	\$59M
AIQ	Global X Artificial Intelligence & Technology ETF	\$20M
ARKW	ARK Next Generation Internet ETF	\$18M
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	\$11M
THNQ	ROBO Global Artificial Intelligence ETF	\$11M
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	\$9M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$7M
BKCH	Global X Blockchain ETF	\$3M

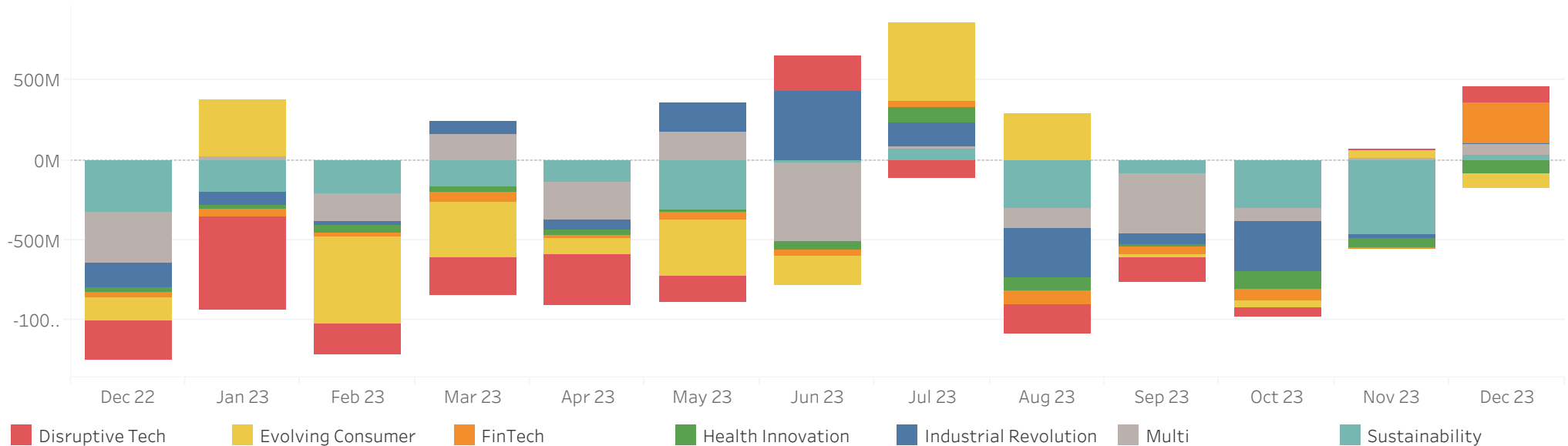
Thematic 1 Week Flow Laggards

Ticker	Fund	
ARKG	ARK Genomic Revolution ETF	(\$76M)
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	(\$48M)
LIT	Global X Lithium & Battery Tech ETF	(\$44M)
KWEB	KraneShares CSI China Internet ETF	(\$38M)
TAN	Invesco Solar ETF	(\$16M)
XT	iShares Exponential Technologies ETF	(\$12M)
ICLN	iShares Global Clean Energy ETF	(\$10M)
FIVG	Defiance Next Gen Connectivity ETF	(\$9M)
FINX	Global X FinTech ETF	(\$9M)
TARK	AXS 2X Innovation ETF	(\$9M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$18B	\$28M	(\$74M)	(\$390M)	(\$1,929M)
Evolving Consumer	37	\$9B	(\$100M)	(\$118M)	\$657M	(\$658M)
FinTech	17	\$3B	\$110M	\$172M	\$66M	(\$184M)
Health Innovation	17	\$3B	(\$79M)	(\$189M)	(\$270M)	(\$485M)
Industrial Revolution	30	\$10B	\$15M	(\$388M)	(\$517M)	(\$209M)
Multi	35	\$17B	\$298M	(\$138M)	(\$741M)	(\$1,328M)
Sustainability	40	\$13B	(\$31M)	(\$775M)	(\$1,289M)	(\$2,467M)
Grand Total	209	\$74B	\$242M	(\$1,511M)	(\$2,484M)	(\$7,259M)

Thematic Monthly Flows

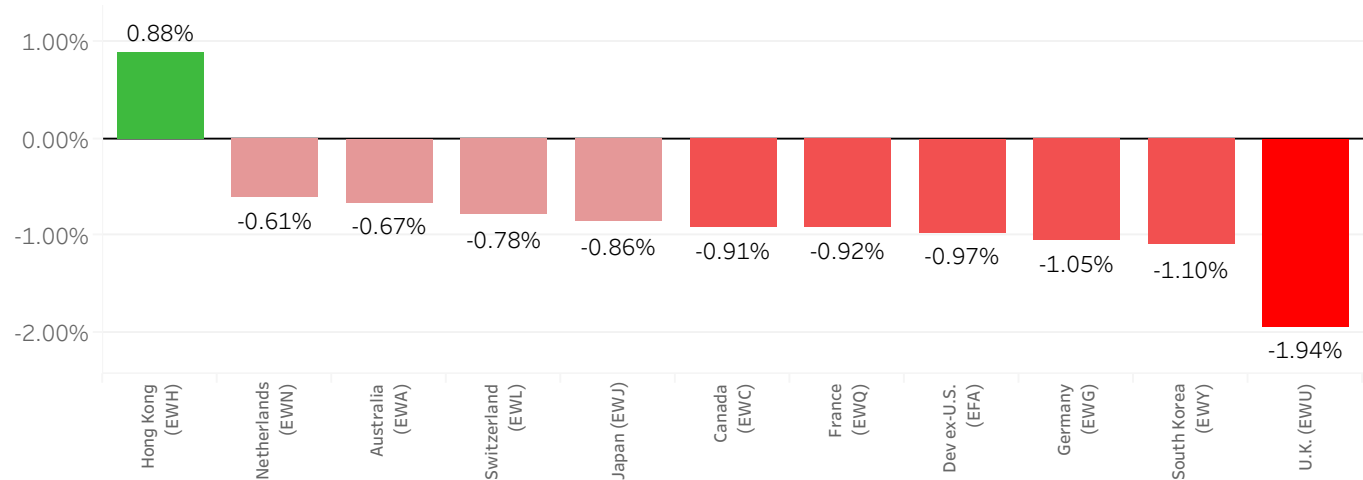


*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

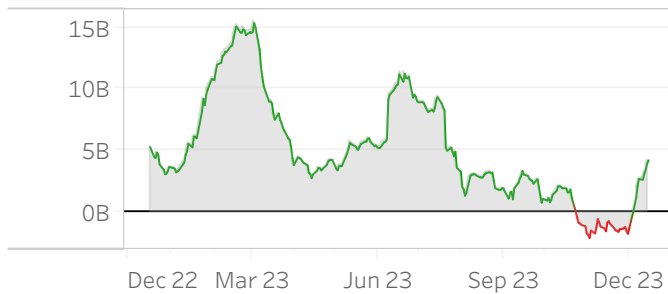
Developed ex-U.S. (EFA)



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



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



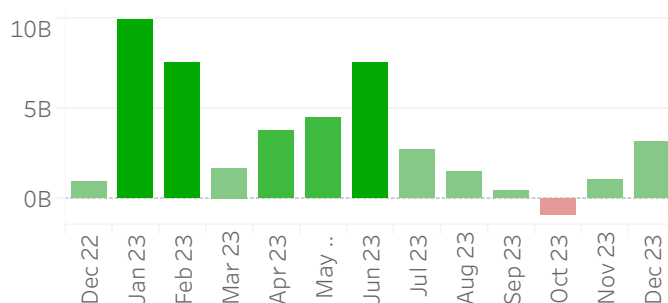
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWH	iShares MSCI Hong Kong ETF	0.88%
EWD	iShares MSCI Sweden ETF	0.41%
EIS	iShares MSCI Israel ETF	0.15%
IVAL	Alpha Architect International Quantitative Value ETF	0.10%
ISRA	VanEck Israel ETF	-0.07%
HEDJ	WisdomTree Europe Hedged Equity Fund	-0.07%
HEZU	iShares Currency Hedged MSCI Eurozone ETF	-0.10%
NORW	Global X MSCI Norway ETF	-0.12%
EIRL	iShares MSCI Ireland ETF	-0.17%
TOK	iShares MSCI Kokusai ETF	-0.19%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWD	iShares MSCI Sweden ETF	83.43
TOK	iShares MSCI Kokusai ETF	79.99
HEZU	iShares Currency Hedged MSCI Eurozone ETF	79.56
HEDJ	WisdomTree Europe Hedged Equity Fund	79.54
EWN	iShares MSCI Netherlands ETF	78.57
FDD	First Trust Stoxx European Select Dividend Index Fund	74.66
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	74.34
IQDG	WisdomTree International Quality Dividend Growth Fund	73.99
DAX	Global X DAX Germany ETF	73.73
IHDG	WisdomTree International Hedged Quality Dividend Grow..	73.68

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
GREK	Global X MSCI Greece ETF	-2.29%
EWP	iShares MSCI Spain ETF	-2.08%
EWU	iShares MSCI United Kingdom ETF	-1.94%
FLGB	Franklin FTSE United Kingdom ETF	-1.75%
EWS	iShares MSCI Singapore ETF	-1.68%
EWJV	iShares MSCI Japan Value ETF	-1.56%
ENZL	iShares MSCI New Zealand ETF	-1.48%
FEP	First Trust Europe AlphaDEX Fund	-1.47%
EWI	iShares MSCI Italy ETF	-1.44%
EFAD	ProShares MSCI EAFE Dividend Growers ETF	-1.43%

Developed ex-U.S. Most Oversold

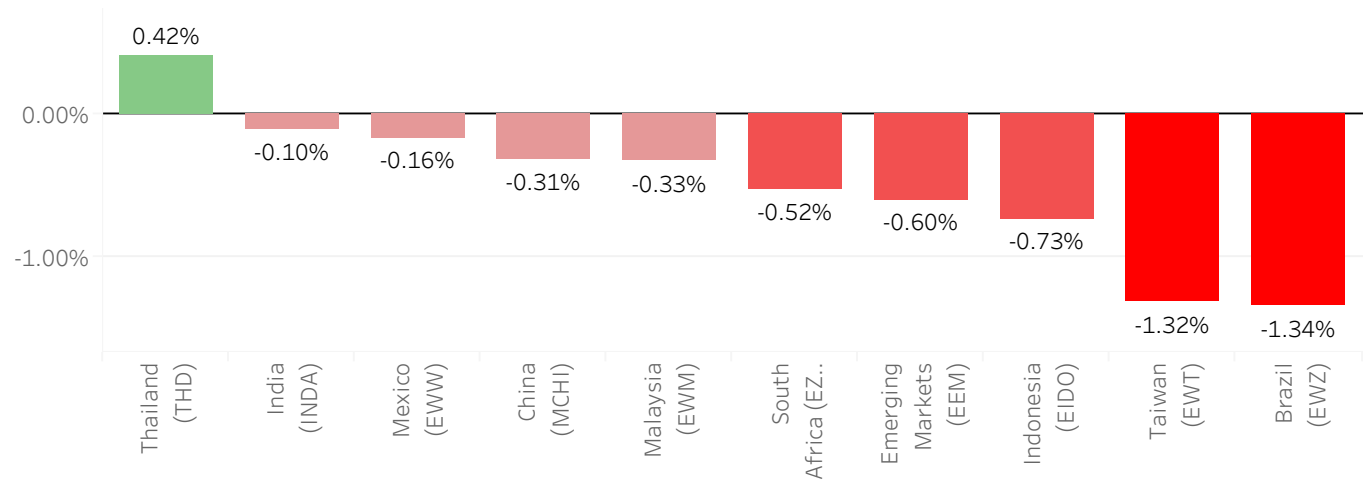
Ticker	Fund	Value
DXJ	WisdomTree Japan Hedged Equity Fund	38.25
LVHI	Franklin International Low Volatility High Dividend I..	40.13
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	40.45
HEWJ	iShares Currency Hedged MSCI Japan ETF	42.48
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	46.42
FLJP	Franklin FTSE Japan ETF	48.13
EWJV	iShares MSCI Japan Value ETF	49.90
FLGB	Franklin FTSE United Kingdom ETF	50.56
FJP	First Trust Japan AlphaDEX Fund	50.75
EWS	iShares MSCI Singapore ETF	51.17

*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)



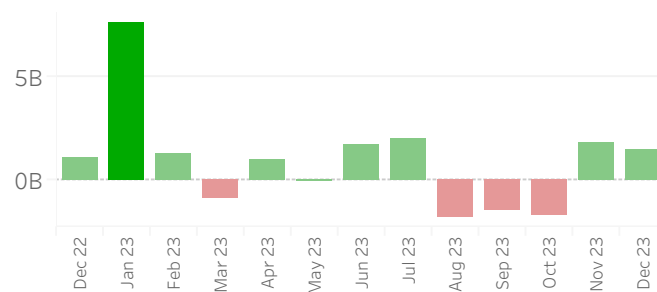
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EPU	iShares MSCI Peru and Global Exposure ETF	3.27%
TUR	iShares MSCI Turkey ETF	1.71%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	0.94%
GLIN	VanEck India Growth Leaders ETF	0.76%
THD	iShares MSCI Thailand ETF	0.42%
QAT	iShares MSCI Qatar ETF	0.35%
EPI	WisdomTree India Earnings Fund	0.25%
INDY	iShares India 50 ETF	0.23%
FLIN	Franklin FTSE India ETF	0.06%
PIN	Invesco India ETF	0.04%

Emerging Most Overbought

Ticker	Fund	Value
INDY	iShares India 50 ETF	86.02
GLIN	VanEck India Growth Leaders ETF	83.13
EPI	WisdomTree India Earnings Fund	82.50
PIN	Invesco India ETF	81.68
INDA	iShares MSCI India ETF	81.38
NFTY	First Trust India NIFTY 50 Equal Weight ETF	81.10
EWZ	iShares MSCI Mexico ETF	78.42
EPU	iShares MSCI Peru and Global Exposure ETF	77.36
FLIN	Franklin FTSE India ETF	75.27
KSA	iShares MSCI Saudi Arabia ETF	73.39

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
EPOL	iShares MSCI Poland ETF	-1.90%
EWZS	iShares MSCI Brazil Small-Cap ETF	-1.79%
KBA	KraneShares Boser MSCI China A 50 Connect Index ETF	-1.40%
EEMS	iShares MSCI Emerging Markets Small Cap ETF	-1.35%
EWZ	iShares MSCI Brazil ETF	-1.34%
RAYC	Rayliant Quantamental China Equity ETF	-1.34%
EWT	iShares MSCI Taiwan ETF	-1.32%
CNYA	iShares MSCI China A ETF	-1.28%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-1.24%
FRDM	Freedom 100 Emerging Markets ETF	-1.17%

Emerging Most Oversold

Ticker	Fund	Value
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	25.52
KBA	KraneShares Boser MSCI China A 50 Connect Index ..	29.65
RAYC	Rayliant Quantamental China Equity ETF	30.49
CNYA	iShares MSCI China A ETF	34.74
FLCH	Franklin FTSE China ETF	34.78
FXI	iShares China Large-Cap ETF	38.02
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	38.69
MCHI	iShares MSCI China ETF	41.94
ECNS	iShares MSCI China Small-Cap ETF	42.60
GXC	SPDR S&P China ETF	43.53

*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	-0.23%	4.98%	5.06%
SHY	1-3 Year Treasury Bonds	-0.11%	1.25%	3.74%
IEF	7-10 Year Treasury Bonds	-0.08%	5.17%	3.21%
TLT	20+ Year Treasury Bonds	0.11%	12.71%	3.05%
TIP	TIPS Bonds	-0.17%	3.77%	3.94%
FLOT	Floating Rate Bonds	0.00%	0.56%	6.22%
LQD	Investment Grade Corporate	-0.14%	7.67%	9.11%
HYG	High Yield Corporate	-0.22%	4.24%	10.87%
BKLN	Senior Loan	0.09%	1.30%	11.59%
PFF	Preferred & Income Securities	-0.40%	4.49%	8.71%
MUB	Municipal Bonds	0.02%	4.03%	5.22%
MBB	MBS	-0.33%	5.28%	4.19%
EMB	Dollar Denominated EM Bonds	-0.14%	7.45%	10.22%
LEMB	Local Currency EM Bond	-0.66%	2.45%	5.87%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.07%	-4.42%	-9.75%
DBE	Energy	0.44%	-6.06%	-10.37%
USO	WTI Crude Oil	-0.01%	-5.87%	-4.22%
BNO	Brent Crude Oil	0.04%	-4.91%	-3.43%
UNG	Natural Gas	1.47%	-26.37%	-65.74%
UGA	Gasoline	0.62%	-1.38%	2.82%
DBP	Precious Metals	-0.78%	2.34%	7.05%
GLD	Gold	-0.92%	2.95%	10.23%
SLV	Silver	-1.44%	1.77%	-0.86%
PPLT	abrdn Physical Platin..	-1.63%	4.88%	-12.39%
PALL	abrdn Physical Palla..	6.19%	13.51%	-34.43%
DBB	Base Metals	1.18%	0.21%	-2.78%
CPER	Copper	-0.08%	3.55%	3.72%
DBA	Agriculture	0.27%	-1.48%	8.98%
CORN	Corn	0.16%	-0.68%	-18.38%
SOYB	Soybeans	-0.43%	-3.93%	-2.74%
WEAT	Wheat	1.54%	4.58%	-25.56%
CANE	Sugar	-0.21%	-15.60%	33.82%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.66%	-1.19%	4.60%
UDN	Short Dollar	-0.52%	2.19%	3.57%
FXE	Euro	-0.91%	0.65%	3.38%
FXB	British Pound Sterling	-0.74%	2.41%	7.83%
FXF	Swiss Franc	-0.45%	2.03%	5.91%
FXJ	Japanese Yen	-0.38%	6.46%	-8.26%
FXC	Canadian Dollar	0.25%	2.55%	3.33%
FXA	Australian Dollar	0.09%	3.02%	-0.51%

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