

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

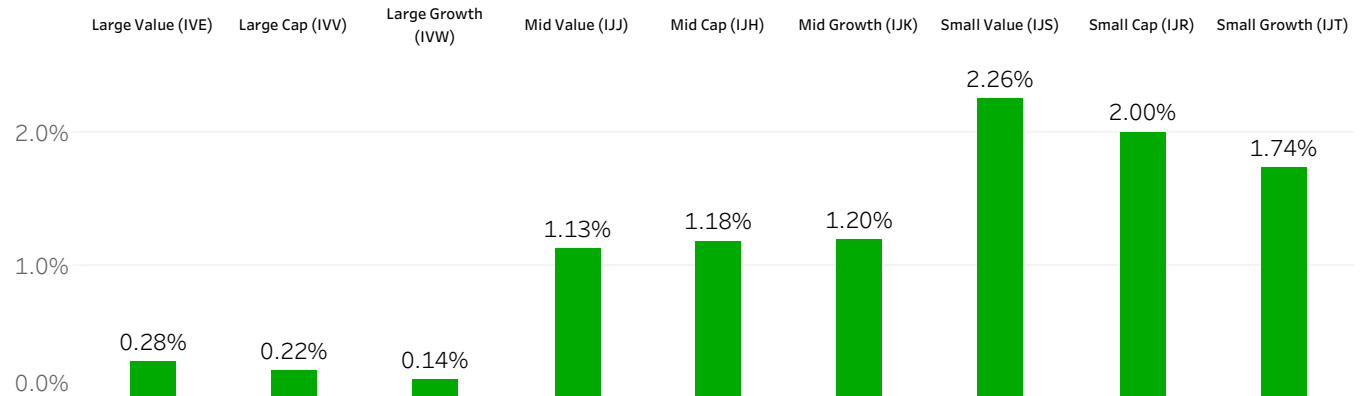


Small Cap Blend (S&P 600) IJR



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

U.S. Size & Style 1-Day Performance



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
EES	WisdomTree U.S. SmallCap Fund	2.66%
FDM	First Trust Dow Jones Select MicroCap Index Fund	2.64%
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	2.58%
DWAS	Invesco Dorsey Wright SmallCap Momentum ETF	2.54%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	2.50%
FYX	First Trust Small Cap Core AlphaDEX Fund	2.37%
SVAL	iShares US Small Cap Value Factor ETF	2.32%
AVSC	Avantis U.S Small Cap Equity ETF	2.28%
SLYV	SPDR S&P 600 Small Cap Value ETF	2.28%
VIOV	Vanguard S&P Small-Cap 600 Value ETF	2.27%

Size & Style Most Overbought

Ticker	Fund	Price
SPMO	Invesco S&P 500 Momentum ETF	76.94
PWB	Invesco Large Cap Growth ETF	76.79
MTUM	iShares MSCI USA Momentum Factor ETF	76.03
USMF	WisdomTree U.S. Multifactor Fund	75.86
WINN	Harbor Long-Term Growers ETF	75.69
DRUP	GraniteShares Nasdaq Select Disruptors ETF	75.21
QGRO	American Century U.S. Quality Growth ETF	74.89
FLQL	Franklin LibertyQ U.S. Equity ETF	74.81
JQUA	JPMorgan U.S. Quality Factor ETF	74.70
QLV	FlexShares US Quality Low Volatility Index Fund	74.48

Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
FTCS	First Trust Capital Strength ETF	-0.33%
DURA	VanEck Durable High Dividend ETF	-0.19%
SIXA	ETC 6 Meridian Mega Cap Equity ETF	-0.19%
SPLV	Invesco S&P 500 Low Volatility ETF	-0.18%
MBCC	Monarch Blue Chips Core ETF	-0.13%
NULV	Nuveen ESG Large-Cap Value ETF	-0.11%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	-0.04%
PTNQ	Pacer Trendpilot 100 ETF	0.00%
RPHS	Regents Park Hedged Market Strategy ETF	0.00%
SPC	CrossingBridge Pre-Merger SPAC ETF	0.00%

Size & Style Most Oversold

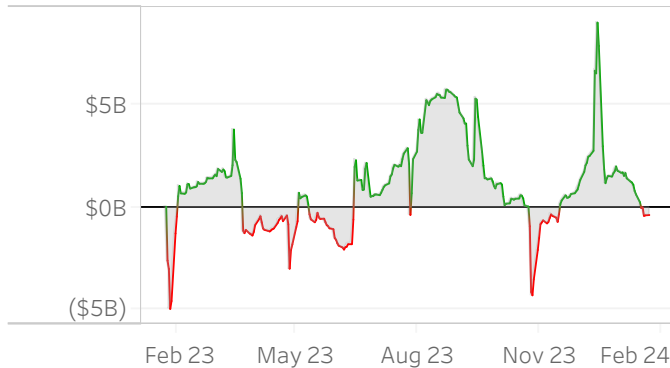
Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	33.11
CDC	VictoryShares US EQ Income Enhanced Volatility Wt..	34.58
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	43.92
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	44.40
IPO	Renaissance IPO ETF	44.59
PEY	Invesco High Yield Equity Dividend Achievers ETF	45.68
CDL	VictoryShares US Large Cap High Dividend Volatility ..	46.02
DIVZ	TrueShares Low Volatility Equity Income ETF	46.42
DHS	WisdomTree U.S. High Dividend Fund	46.81
DVY	iShares Select Dividend ETF	47.19

*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	\$1,705B	(\$1.42B)	\$84.90B	\$107.30B	\$159.60B
Large Cap, Beta, Beta: Growth	10	\$329B	\$1.27B	\$7.66B	\$15.64B	\$17.77B
Large Cap, Beta, Beta: Value	11	\$238B	(\$1.40B)	\$2.66B	\$3.78B	(\$3.02B)
Mid Cap, Beta, Beta	10	\$208B	\$0.16B	\$0.33B	\$5.14B	\$7.05B
Mid Cap, Beta, Beta: Growth	6	\$39B	(\$0.09B)	\$0.75B	\$0.48B	\$1.34B
Mid Cap, Beta, Beta: Value	6	\$40B	\$0.01B	\$0.03B	(\$0.62B)	(\$2.12B)
Small Cap, Beta, Beta	11	\$223B	(\$1.34B)	\$12.21B	\$13.15B	\$18.87B
Small Cap, Beta, Beta: Growth	7	\$36B	(\$0.06B)	\$1.28B	\$1.27B	\$1.38B
Small Cap, Beta, Beta: Value	7	\$52B	(\$0.43B)	\$0.67B	(\$0.24B)	(\$1.24B)

U.S. Size & Style Flow Leaders

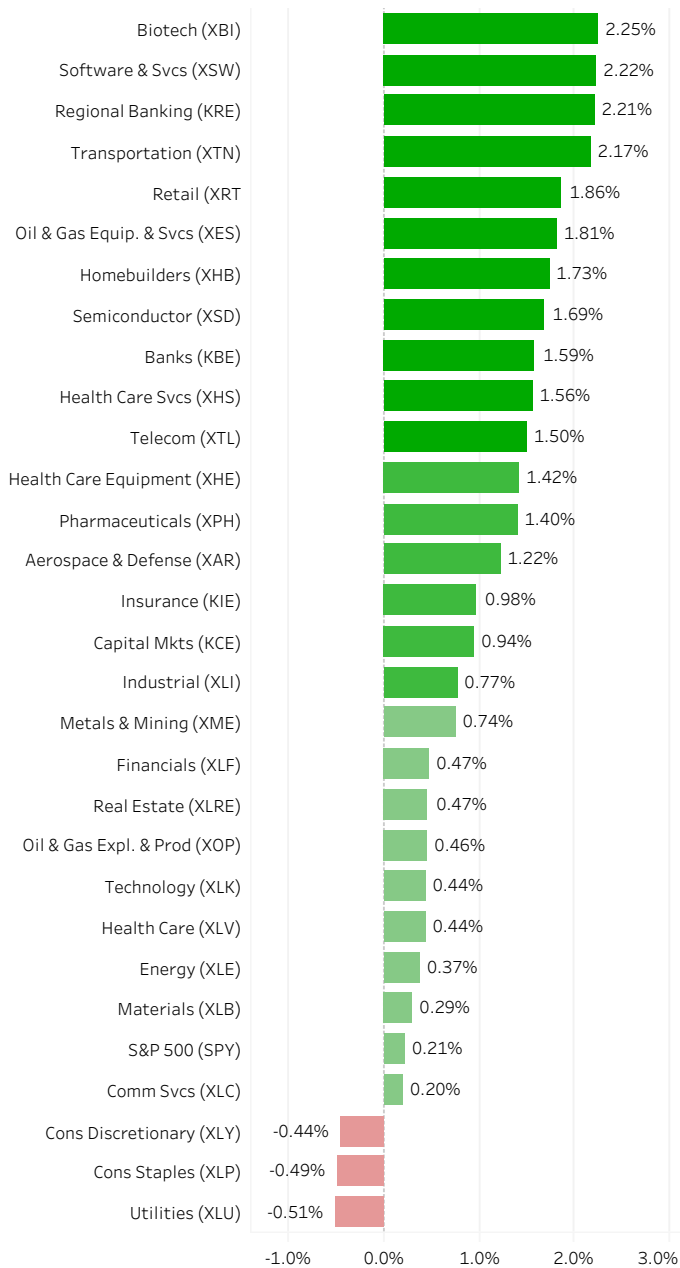
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	\$3.09B	\$20.49B	\$37.97B	\$46.69B	\$413.91B
VOO	Vanguard S&P 500 ETF	\$2.26B	\$17.09B	\$26.20B	\$48.36B	\$384.92B
QQQ	Invesco QQQ Trust Series I	\$1.21B	\$8.14B	\$6.34B	\$17.11B	\$240.67B
IWY	iShares Russell Top 200 Growth ETF	\$0.76B	\$0.70B	\$0.90B	\$1.99B	\$9.07B
QQQM	Invesco NASDAQ 100 ETF	\$0.64B	\$2.92B	\$4.45B	\$9.68B	\$20.51B
VTI	Vanguard Total Stock Market ETF	\$0.51B	\$8.15B	\$13.95B	\$22.11B	\$353.13B
VUG	Vanguard Growth ETF	\$0.36B	\$2.08B	\$3.75B	\$3.92B	\$107.96B
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ..	\$0.27B	\$2.35B	\$3.83B	\$7.08B	\$9.15B
QUAL	iShares MSCI USA Quality Factor ETF	\$0.26B	\$1.80B	\$2.67B	\$11.61B	\$37.52B
CALF	Pacer US Small Cap Cash Cows 100 ETF	\$0.19B	\$2.69B	\$3.83B	\$4.84B	\$7.24B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	(\$1.35B)	\$7.39B	\$5.98B	\$6.64B	\$61.85B
SUSA	iShares MSCI USA ESG Select ETF	(\$0.78B)	(\$1.75B)	(\$0.76B)	(\$0.45B)	\$3.55B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.77B)	\$1.17B	(\$0.36B)	(\$0.36B)	\$32.39B
SPYV	SPDR Portfolio S&P 500 Value ETF	(\$0.75B)	\$1.28B	\$1.68B	\$1.03B	\$19.28B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.67B)	\$5.24B	\$5.80B	\$11.88B	\$49.14B
IWD	iShares Russell 1000 Value ETF	(\$0.55B)	(\$0.17B)	(\$0.63B)	(\$4.23B)	\$51.98B
IJS	iShares S&P Small-Cap 600 Value ETF	(\$0.33B)	\$0.37B	\$0.30B	\$0.05B	\$7.26B
IWF	iShares Russell 1000 Growth ETF	(\$0.26B)	\$1.16B	\$2.47B	(\$0.28B)	\$82.73B
VIG	Vanguard Dividend Appreciation ETF	(\$0.22B)	\$0.24B	\$0.73B	\$0.64B	\$73.94B
IWV	iShares Russell 3000 ETF	(\$0.14B)	\$0.41B	\$0.35B	(\$0.32B)	\$12.82B

* 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)
SPY	SPDR S&P 500 ETF Trust	0.00%	25.45%	3.69%	9.53%	68.66
XLC	Communication Services Select Sector SPDR Fund	0.00%	43.47%	4.63%	12.74%	69.47
XLF	Financial Select Sector SPDR Fund	0.00%	23.01%	3.84%	11.08%	65.86
XLK	Technology Select Sector SPDR Fund	0.00%	48.35%	6.57%	16.78%	75.13
XLV	Health Care Select Sector SPDR Fund	-0.64%	13.75%	4.05%	6.02%	67.64
XLI	Industrial Select Sector SPDR Fund	-0.71%	17.50%	2.85%	7.74%	60.56
XLY	Consumer Discretionary Select Sector SPDR Fund	-4.02%	25.99%	0.21%	5.79%	48.33
XLB	Materials Select Sector SPDR Fund	-4.34%	10.76%	-0.72%	2.03%	41.35
XLRE	Real Estate Select Sector SPDR Fund	-5.08%	20.78%	1.03%	5.61%	47.98
XLP	Consumer Staples Select Sector SPDR Fund	-7.48%	8.28%	0.64%	-0.89%	47.09
XLU	Utilities Select Sector SPDR Fund	-13.29%	7.97%	-3.85%	-5.16%	31.71
XLE	Energy Select Sector SPDR Fund	-13.81%	5.07%	-3.72%	-4.82%	37.24

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
QABA	First Trust NASDAQ ABA Community Bank Index F..	2.90%
PTF	Invesco Dorsey Wright Technology Momentum ETF	2.34%
PSCT	Invesco S&P SmallCap Information Technology ETF	2.30%
XBI	SPDR S&P BIOTECH ETF	2.25%
XSW	SPDR S&P Software & Services ETF	2.22%
KBWR	Invesco KBW Regional Banking ETF	2.22%
KRE	SPDR S&P Regional Banking ETF	2.21%
XTN	SPDR S&P Transportation ETF	2.17%
PTH	Invesco Dorsey Wright Healthcare Momentum ETF	2.15%
AIRR	First Trust RBA American Industrial Renaissance E..	2.13%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IAK	iShares U.S. Insurance ETF	80.49
KBWP	Invesco KBW Property & Casualty Insurance ETF	80.32
IGPT	Invesco AI and Next Gen Software ETF	76.58
IETC	iShares U.S. Tech Independence Focused ETF	76.48
IGM	iShares Expanded Tech Sector ETF	76.08
IYW	iShares U.S. Technology ETF	75.17
XLK	Technology Select Sector SPDR Fund	75.13
KIE	SPDR S&P Insurance ETF	74.98
FTEC	Fidelity MSCI Information Technology Index ETF	74.01
VGT	Vanguard Information Technology ETF	73.85

Sector & Industry 1 Day Performance Laggards

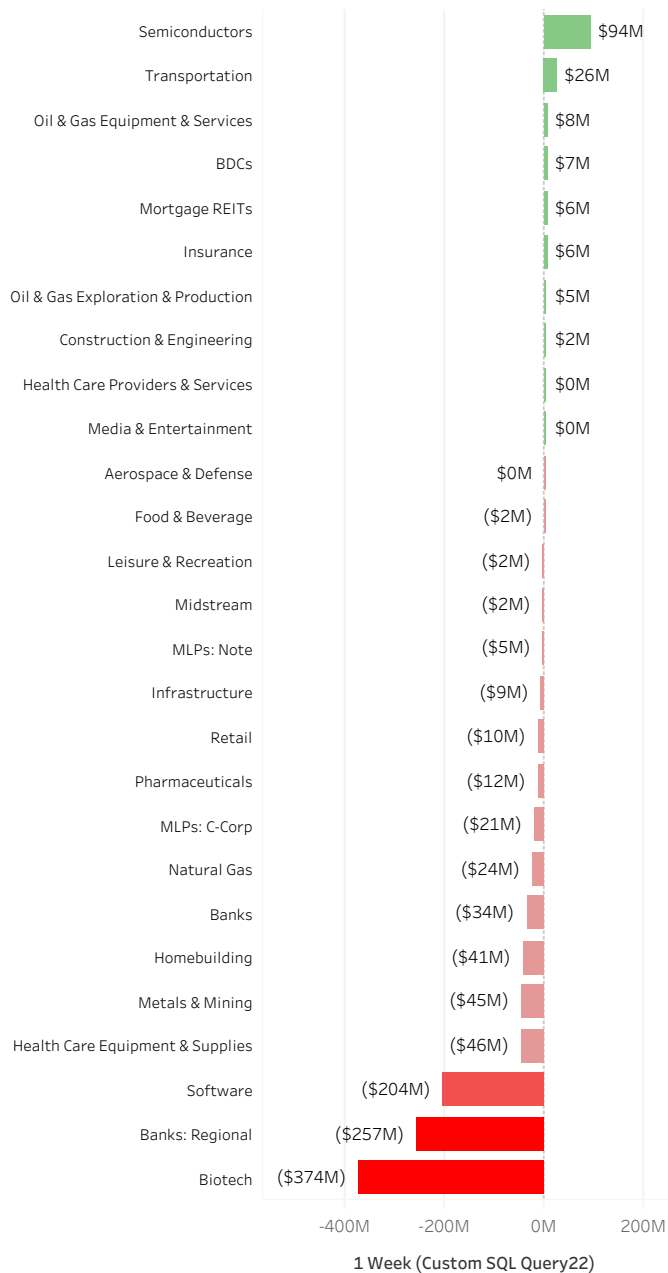
Ticker	Fund	1 Day Performance
FTXG	First Trust Nasdaq Food & Beverage ETF	-2.01%
FXG	First Trust Consumer Staples AlphaDEX Fund	-1.15%
PBJ	Invesco Food & Beverage ETF	-1.11%
RSPS	Invesco S&P 500 Equal Weight Consumer Staples ETF	-0.71%
XLU	Utilities Select Sector SPDR Fund	-0.51%
XLP	Consumer Staples Select Sector SPDR Fund	-0.49%
RSPU	Invesco S&P 500 Equal Weight Utilities ETF	-0.46%
IYK	iShares U.S. Consumer Staples ETF	-0.45%
XLY	Consumer Discretionary Select Sector SPDR Fund	-0.44%
FUTY	Fidelity MSCI Utilities Index ETF	-0.43%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
RSPU	Invesco S&P 500 Equal Weight Utilities ETF	31.12
VPU	Vanguard Utilities ETF	31.55
XLU	Utilities Select Sector SPDR Fund	31.71
FUTY	Fidelity MSCI Utilities Index ETF	31.88
FXU	First Trust Utilities AlphaDEX Fund	32.10
FTXG	First Trust Nasdaq Food & Beverage ETF	32.36
IDU	iShares U.S. Utilities ETF	33.62
FCG	First Trust Natural Gas ETF	34.81
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	35.19
EMLP	First Trust North American Energy Infrastructure Fund	36.07

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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	\$119M	\$624M	\$746M	\$3,722M
Consumer Discretionary	12	\$28B	\$237M	\$322M	\$830M	\$2,842M
Consumer Staples	10	\$25B	(\$159M)	(\$2,608M)	(\$4,419M)	(\$4,257M)
Energy	30	\$68B	\$25M	(\$1,985M)	\$1,286M	(\$7,842M)
Financials	26	\$63B	\$19M	\$2,947M	(\$2,676M)	\$1,821M
Health Care	23	\$89B	(\$221M)	(\$1,586M)	(\$5,101M)	(\$9,065M)
Industrial	13	\$36B	\$27M	(\$236M)	(\$754M)	\$1,339M
Materials	9	\$12B	(\$102M)	(\$798M)	(\$1,960M)	(\$2,924M)
Multi-Sector	16	\$20B	(\$40M)	(\$26M)	(\$577M)	\$2,430M
Real Estate	25	\$60B	\$57M	\$2,052M	\$1,993M	(\$638M)
Technology	23	\$183B	\$151M	\$5,783M	\$7,352M	\$7,915M
Utilities	9	\$21B	(\$109M)	(\$285M)	(\$1,476M)	(\$1,477M)

U.S. Sector & Industry Flow Leaders

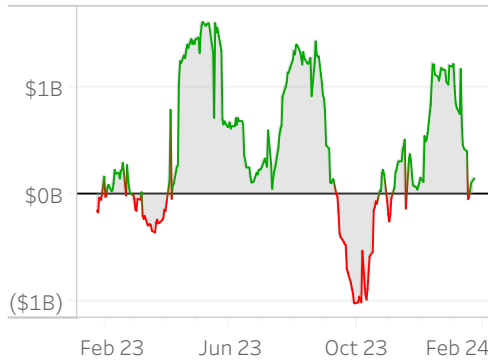
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	\$418M	\$1,401M	(\$2,066M)	\$1,247M	\$35,413M
XLV	Consumer Discretionary Select Sector SPDR Fu..	\$236M	\$473M	\$1,068M	\$1,543M	\$18,666M
XLV	Health Care Select Sector SPDR Fund	\$230M	(\$915M)	(\$2,655M)	(\$3,234M)	\$39,487M
VGT	Vanguard Information Technology ETF	\$160M	\$1,238M	\$1,614M	\$832M	\$61,449M
IYF	iShares U.S. Financials ETF	\$109M	\$135M	\$160M	\$18M	\$2,236M
XLC	Communication Services Select Sector SPDR Fu..	\$100M	\$818M	\$827M	\$3,412M	\$16,507M
XLE	Energy Select Sector SPDR Fund	\$95M	(\$1,411M)	\$1,257M	(\$3,026M)	\$34,297M
XLRE	Real Estate Select Sector SPDR Fund	\$82M	\$927M	\$919M	\$620M	\$5,768M
IYW	iShares U.S. Technology ETF	\$82M	\$801M	\$1,120M	\$956M	\$14,915M
SOXX	iShares Semiconductor ETF	\$70M	\$167M	\$534M	\$726M	\$11,187M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
KRE	SPDR S&P Regional Banking ETF	(\$240M)	\$546M	(\$444M)	\$1,334M	\$3,422M
VFH	Vanguard Financials ETF	(\$226M)	(\$50M)	(\$473M)	(\$651M)	\$8,867M
IGV	iShares Expanded Tech-Software Sector ETF	(\$204M)	\$540M	(\$545M)	\$295M	\$7,569M
XBI	SPDR S&P BIOTECH ETF	(\$191M)	\$143M	(\$33M)	(\$1,560M)	\$6,706M
IBB	iShares Biotechnology ETF	(\$176M)	(\$58M)	(\$468M)	(\$1,314M)	\$7,497M
XLP	Consumer Staples Select Sector SPDR Fund	(\$136M)	(\$1,694M)	(\$1,852M)	(\$1,772M)	\$14,989M
XLU	Utilities Select Sector SPDR Fund	(\$102M)	\$132M	(\$514M)	(\$117M)	\$13,775M
IYR	iShares U.S. Real Estate ETF	(\$73M)	\$1,224M	\$1,151M	\$481M	\$4,235M
ITB	iShares U.S. Home Construction ETF	(\$71M)	\$32M	(\$445M)	\$15M	\$2,329M
XLB	Materials Select Sector SPDR Fund	(\$49M)	(\$178M)	(\$857M)	(\$597M)	\$5,488M

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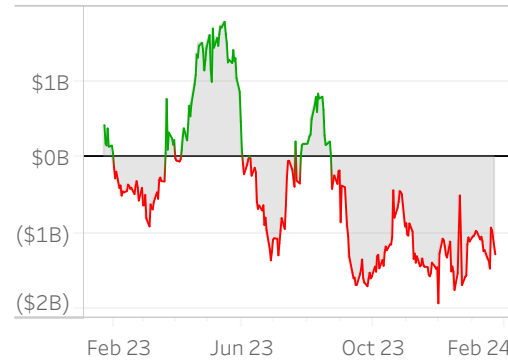
Communication Services



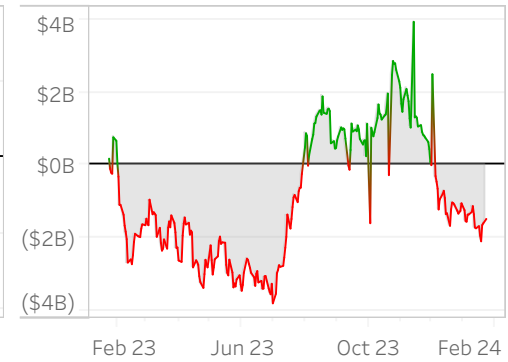
Consumer Discretionary



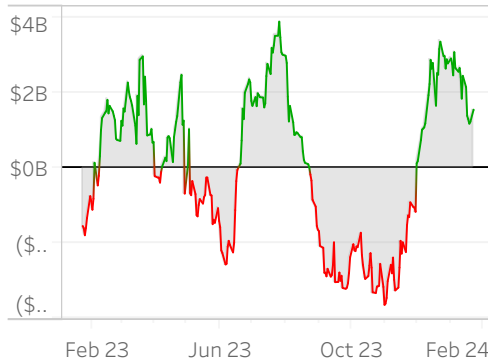
Consumer Staples



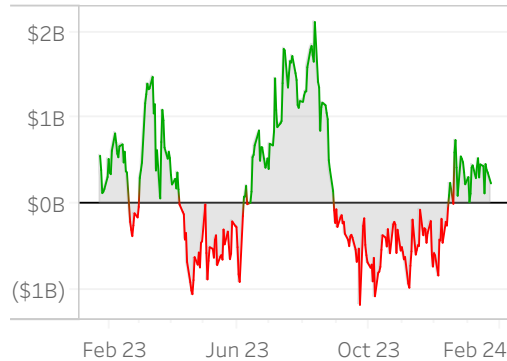
Energy



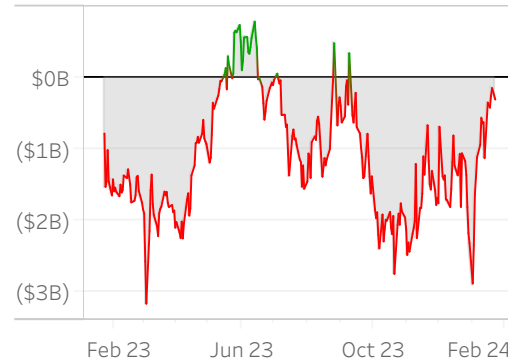
Financials



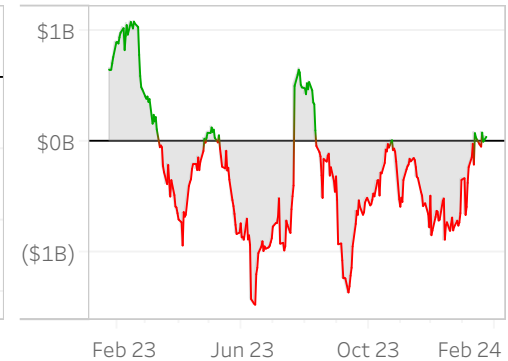
Industrial



Health Care



Materials



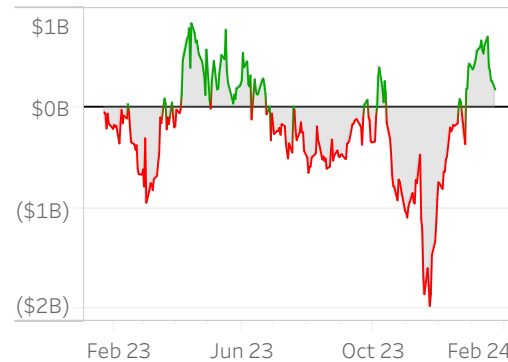
Real Estate



Technology



Utilities

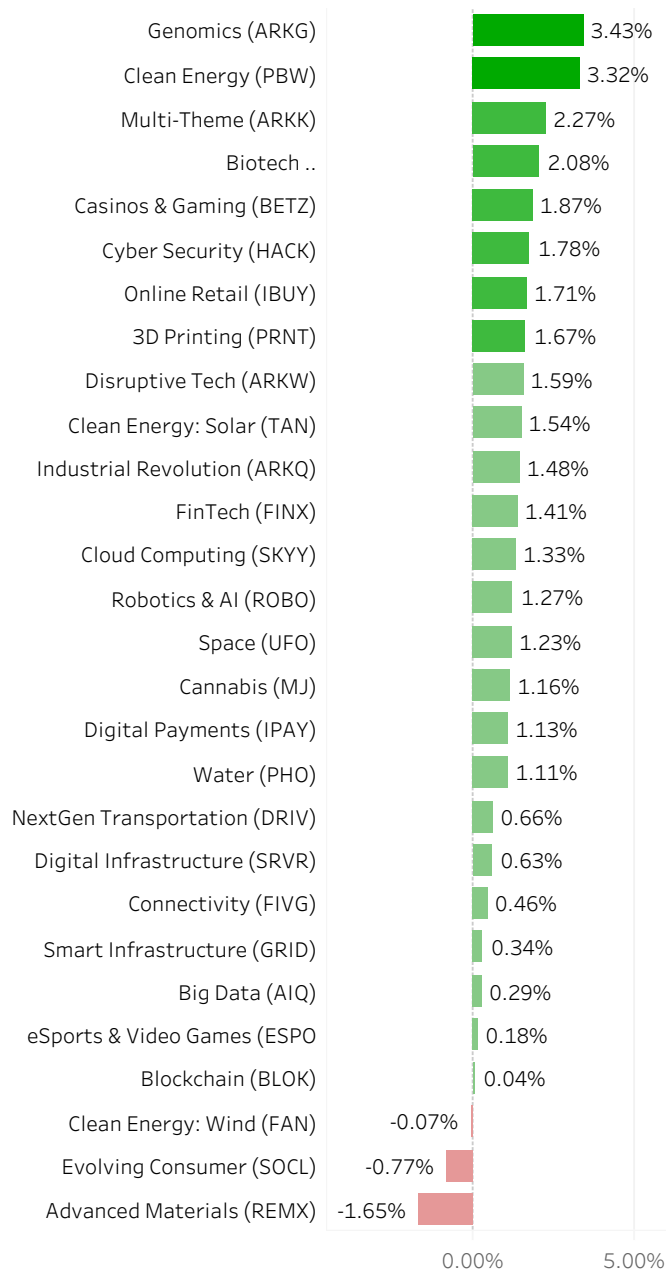


Multi-Sector

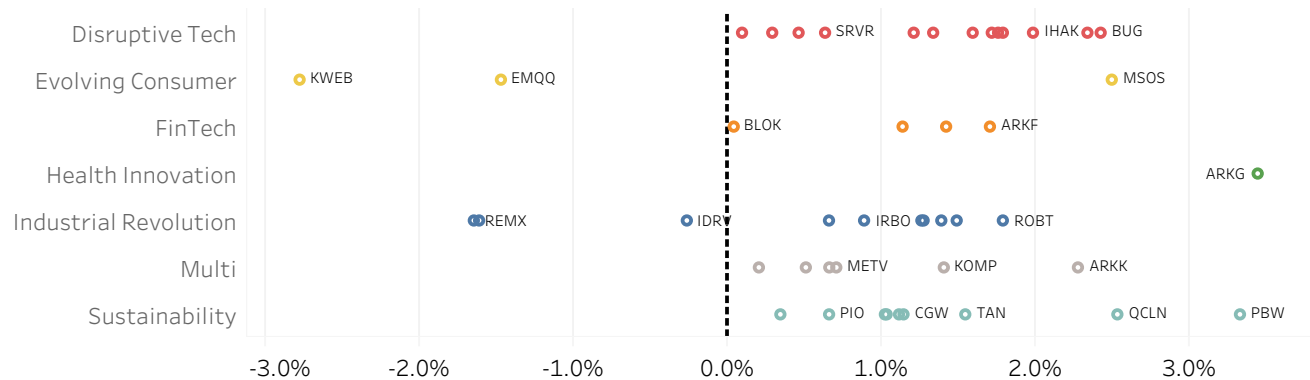


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
ARKG	ARK Genomic Revolution ETF	3.43%
PBW	Invesco WilderHill Clean Energy ETF	3.32%
ACES	ALPS Clean Energy ETF	2.68%
MJUS	ETFMG U.S. Alternative Harvest ETF	2.58%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	2.52%
MSOS	AdvisorShares Pure US Cannabis ETF	2.49%
BUG	Global X Cybersecurity ETF	2.42%
WCBR	WisdomTree Cybersecurity Fund	2.40%
WCLD	WisdomTree Cloud Computing Fund	2.33%
ARKK	ARK Innovation ETF	2.27%

Thematic Most Overbought

Ticker	Fund	Price
TECB	iShares U.S. Tech Breakthrough Multisector ETF	76.14
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Security ..	73.98
FIVG	Defiance Next Gen Connectivity ETF	73.38
CIBR	First Trust NASDAQ Cybersecurity ETF	72.52
WCBR	WisdomTree Cybersecurity Fund	71.43
FCLD	Fidelity Cloud Computing ETF	70.59
SKYY	First Trust Cloud Computing ETF	70.50
QTUM	Defiance Quantum ETF	69.24
IHAK	iShares Cybersecurity & Tech ETF	69.07
BUG	Global X Cybersecurity ETF	68.46

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
KGRN	KraneShares MSCI China Clean Technology Index ETF	-4.25%
KWEB	KraneShares CSI China Internet ETF	-2.78%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	-2.53%
REMX	VanEck Rare Earth/Strategic Metals ETF	-1.65%
LIT	Global X Lithium & Battery Tech ETF	-1.61%
KARS	KraneShares Electric Vehicles & Future Mobility Index ..	-1.61%
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce E..	-1.47%
BATT	Amplify Lithium & Battery Technology ETF	-0.88%
SOCL	Global X Social Media ETF	-0.77%
SMOG	VanEck Low Carbon Energy ETF	-0.47%

Thematic Most Oversold

Ticker	Fund	Price
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	20.33
REMX	VanEck Rare Earth/Strategic Metals ETF	20.74
BATT	Amplify Lithium & Battery Technology ETF	21.19
IDRV	iShares Self-driving EV & Tech ETF	22.19
SMOG	VanEck Low Carbon Energy ETF	24.03
KGRN	KraneShares MSCI China Clean Technology Index ETF	26.54
KWEB	KraneShares CSI China Internet ETF	26.87
LIT	Global X Lithium & Battery Tech ETF	28.07
ERTH	Invesco MSCI Sustainable Future ETF	31.16
BITQ	Bitwise Crypto Industry Innovators ETF	32.76

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Thematic 1 Week Flow Leaders

Ticker	Fund	
BLOK	Amplify Transformational Data Sharing ETF	\$136M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$47M
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Security Fund	\$31M
MSOS	AdvisorShares Pure US Cannabis ETF	\$22M
AIQ	Global X Artificial Intelligence & Technology ETF	\$16M
CGW	Invesco S&P Global Water Index ETF	\$16M
BUG	Global X Cybersecurity ETF	\$15M
IHAK	iShares Cybersecurity & Tech ETF	\$14M
PHO	Invesco Water Resources ETF	\$13M
WTAI	WisdomTree Artificial Intelligence and Innovation Fund	\$13M

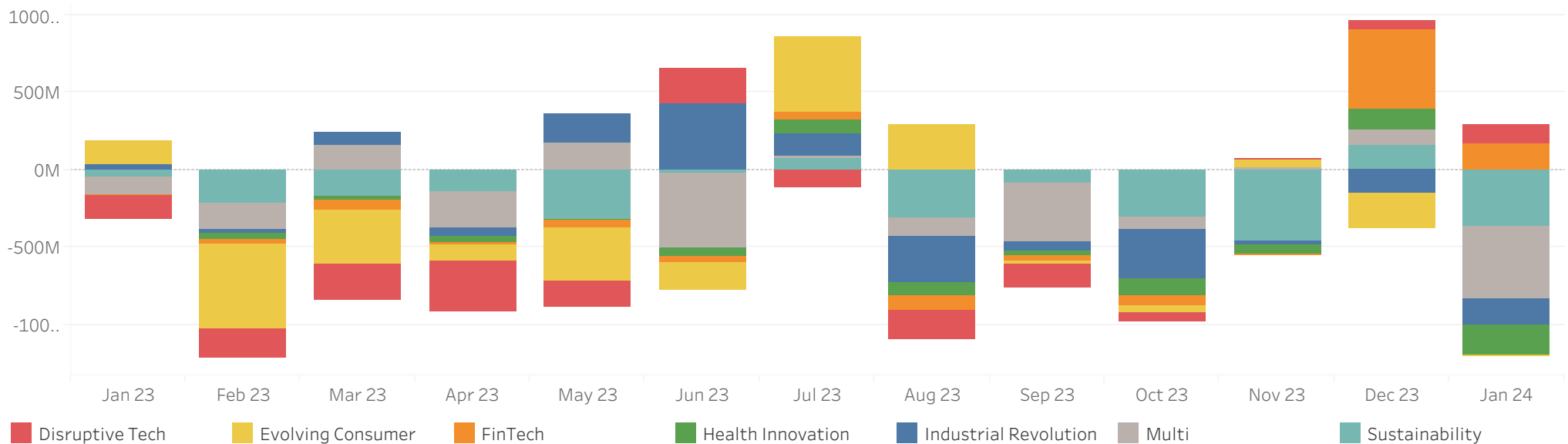
Thematic 1 Week Flow Laggards

Ticker	Fund	
ICLN	iShares Global Clean Energy ETF	(\$130M)
ARKG	ARK Genomic Revolution ETF	(\$107M)
ARKK	ARK Innovation ETF	(\$102M)
TAN	Invesco Solar ETF	(\$83M)
ARKW	ARK Next Generation Internet ETF	(\$21M)
WCLD	WisdomTree Cloud Computing Fund	(\$20M)
FINX	Global X FinTech ETF	(\$19M)
ARKF	ARK Fintech Innovation ETF	(\$18M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$13M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$12M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$19B	\$56M	\$200M	(\$229M)	(\$1,164M)
Evolving Consumer	37	\$8B	\$12M	(\$199M)	\$144M	(\$863M)
FinTech	17	\$4B	\$48M	\$670M	\$466M	\$319M
Health Innovation	17	\$2B	(\$70M)	(\$187M)	(\$288M)	(\$415M)
Industrial Revolution	30	\$10B	(\$25M)	(\$407M)	(\$1,071M)	(\$252M)
Multi	35	\$15B	(\$79M)	(\$337M)	(\$1,024M)	(\$1,590M)
Sustainability	40	\$12B	(\$160M)	(\$807M)	(\$1,474M)	(\$2,217M)
Grand Total	209	\$70B	(\$219M)	(\$1,069M)	(\$3,476M)	(\$6,182M)

Thematic Monthly Flows

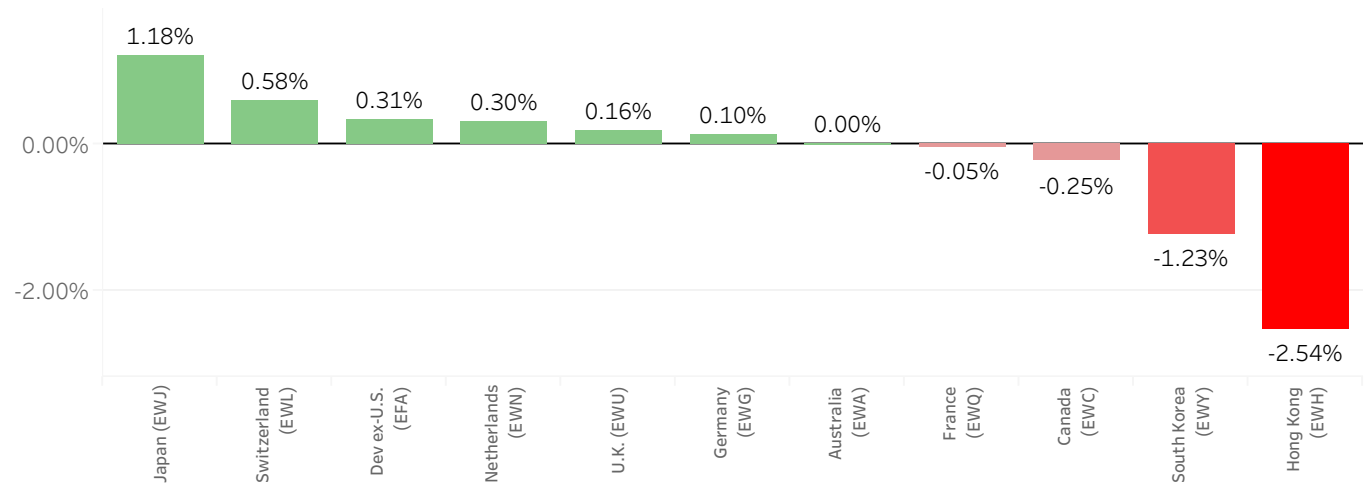


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



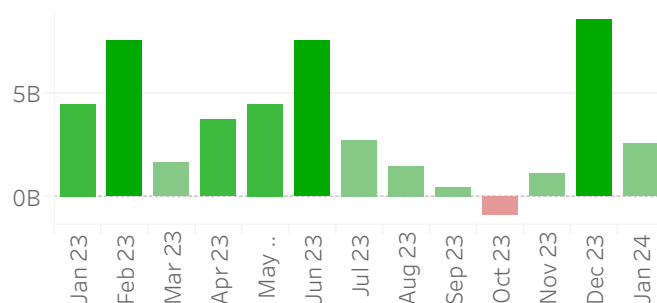
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
FJP	First Trust Japan AlphaDEX Fund	1.98%
EWJV	iShares MSCI Japan Value ETF	1.46%
SCJ	iShares MSCI Japan Small-Cap ETF	1.42%
DFJ	WisdomTree Japan SmallCap Dividend Fund	1.34%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	1.34%
FLJP	Franklin FTSE Japan ETF	1.26%
JPXN	iShares JPX-Nikkei 400 ETF	1.24%
IVAL	Alpha Architect International Quantitative Value ETF	1.24%
DXJ	WisdomTree Japan Hedged Equity Fund	1.21%
BBJP	JPMorgan BetaBuilders Japan ETF	1.20%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	81.02
HEWJ	iShares Currency Hedged MSCI Japan ETF	78.74
DXJ	WisdomTree Japan Hedged Equity Fund	77.17
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	71.24
IMOM	Alpha Architect International Quantitative Momentum ETF	67.40
EWJV	iShares MSCI Japan Value ETF	67.04
EWJ	iShares MSCI Japan ETF	66.90
FLJP	Franklin FTSE Japan ETF	65.89
FJP	First Trust Japan AlphaDEX Fund	65.57
BBJP	JPMorgan BetaBuilders Japan ETF	65.35

Developed ex-U.S. Monthly Flows



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

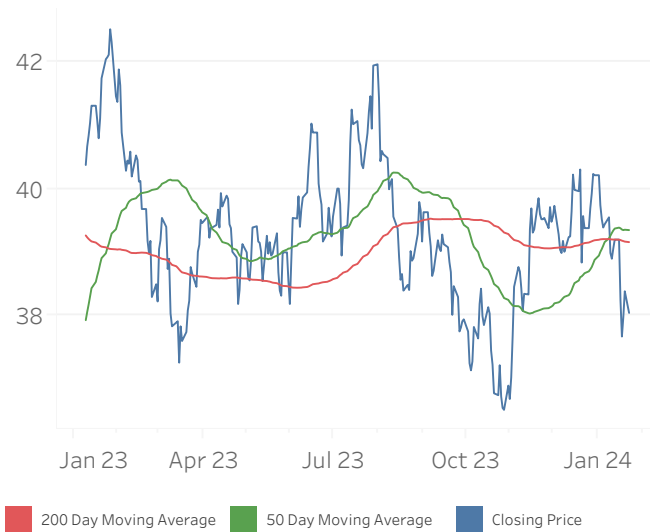
Ticker	Fund	1-Day Performance
EWH	iShares MSCI Hong Kong ETF	-2.54%
EWY	iShares MSCI South Korea ETF	-1.23%
AIA	iShares Asia 50 ETF	-1.23%
FLKR	Franklin FTSE South Korea ETF	-1.12%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-1.08%
EWI	iShares MSCI Italy ETF	-0.84%
ENZL	iShares MSCI New Zealand ETF	-0.74%
MINV	Matthews Asia Innovators Active ETF	-0.73%
NORW	Global X MSCI Norway ETF	-0.55%
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Japan E..	-0.53%

Developed ex-U.S. Most Oversold

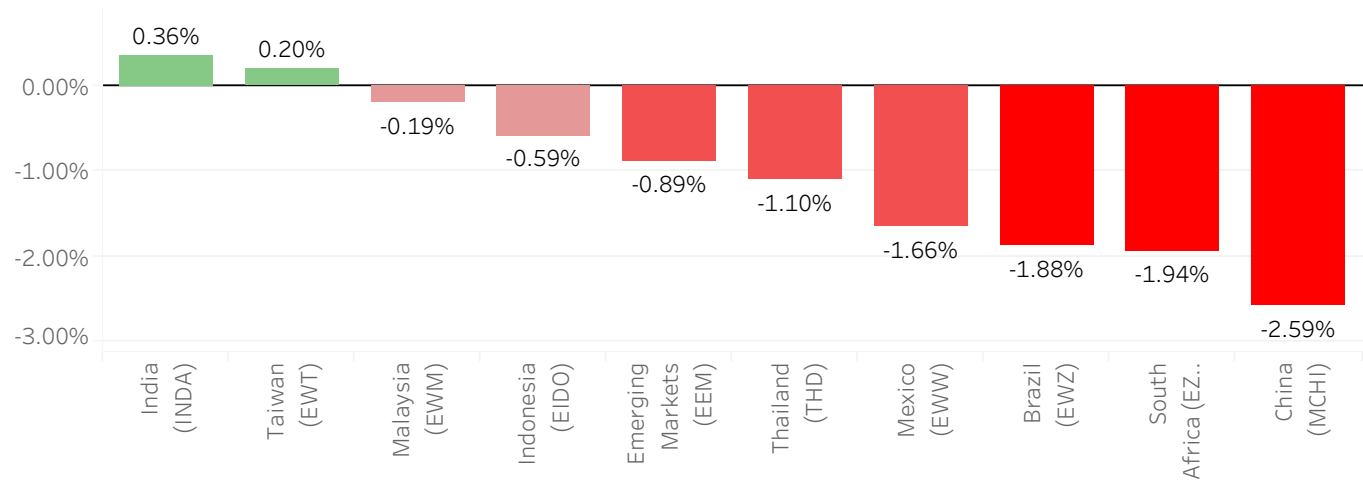
Ticker	Fund	Value
EWH	iShares MSCI Hong Kong ETF	27.44
FLKR	Franklin FTSE South Korea ETF	34.27
EWY	iShares MSCI South Korea ETF	34.39
ENZL	iShares MSCI New Zealand ETF	36.04
AAXJ	iShares MSCI All Country Asia ex Japan ETF	38.17
FDD	First Trust Stoxx European Select Dividend Index Fu..	39.01
AIA	iShares Asia 50 ETF	39.43
EWY	iShares MSCI Spain ETF	39.50
EWU	iShares MSCI United Kingdom ETF	39.66
EPP	iShares MSCI Pacific ex-Japan ETF	39.82

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

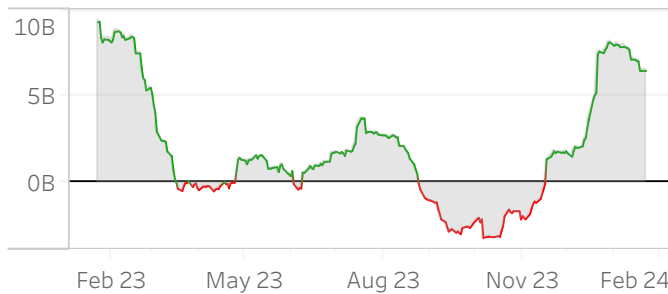
Emerging (EEM)



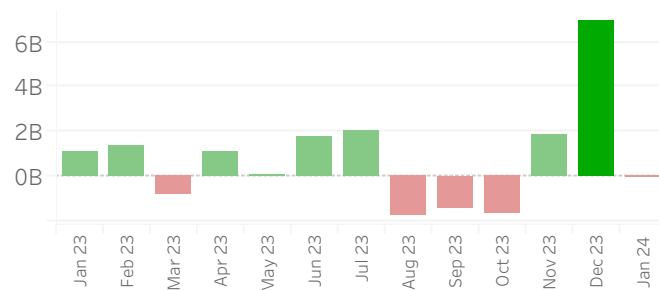
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
NFTY	First Trust India NIFTY 50 Equal Weight ETF	1.45%
KSA	iShares MSCI Saudi Arabia ETF	1.30%
ECH	iShares MSCI Chile ETF	0.97%
GLIN	VanEck India Growth Leaders ETF	0.97%
SMIN	iShares MSCI India Small Cap ETF	0.96%
QAT	iShares MSCI Qatar ETF	0.91%
EPI	WisdomTree India Earnings Fund	0.90%
FLIN	Franklin FTSE India ETF	0.58%
PIN	Invesco India ETF	0.42%
PIE	Invesco Dorsey Wright Emerging Markets Momentum E..	0.37%

Emerging Most Overbought

Ticker	Fund	Price
KWT	iShares MSCI Kuwait ETF	75.58
SMIN	iShares MSCI India Small Cap ETF	68.78
EPI	WisdomTree India Earnings Fund	67.75
GLIN	VanEck India Growth Leaders ETF	67.53
NFTY	First Trust India NIFTY 50 Equal Weight ETF	64.40
FLIN	Franklin FTSE India ETF	63.94
INDA	iShares MSCI India ETF	63.77
PIN	Invesco India ETF	62.31
ARGT	Global X MSCI Argentina ETF	59.60
KSA	iShares MSCI Saudi Arabia ETF	58.97

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
GXC	SPDR S&P China ETF	-2.77%
FLCH	Franklin FTSE China ETF	-2.72%
MCHI	iShares MSCI China ETF	-2.59%
FXI	iShares China Large-Cap ETF	-2.49%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-2.44%
CNYA	iShares MSCI China A ETF	-2.40%
PGJ	Invesco Golden Dragon China ETF	-2.21%
EWZS	iShares MSCI Brazil Small-Cap ETF	-2.13%
EZA	iShares MSCI South Africa ETF	-1.94%
EWZ	iShares MSCI Brazil ETF	-1.88%

Emerging Most Oversold

Ticker	Fund	Price
PGJ	Invesco Golden Dragon China ETF	22.64
GXC	SPDR S&P China ETF	24.99
MCHI	iShares MSCI China ETF	26.21
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	26.75
FLCH	Franklin FTSE China ETF	26.88
FXI	iShares China Large-Cap ETF	28.53
CNYA	iShares MSCI China A ETF	29.25
THD	iShares MSCI Thailand ETF	31.00
EWZ	iShares MSCI Brazil ETF	31.87
FLBR	Franklin FTSE Brazil ETF	32.11

*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	0.18%	-0.64%	-1.06%
SHY	1-3 Year Treasury Bonds	0.05%	0.15%	0.04%
IEF	7-10 Year Treasury Bonds	0.31%	-1.00%	-1.20%
TLT	20+ Year Treasury Bonds	0.60%	-3.88%	-4.28%
TIP	TIPS Bonds	0.05%	-0.33%	-0.39%
FLOT	Floating Rate Bonds	0.03%	0.59%	0.47%
LQD	Investment Grade Corporate	0.28%	-0.74%	-1.24%
HYG	High Yield Corporate	0.08%	-0.31%	-0.21%
BKLN	Senior Loan	0.13%	0.18%	0.08%
PFF	Preferred & Income Securities	0.38%	1.22%	1.35%
MUB	Municipal Bonds	0.02%	-0.72%	-0.83%
MBB	MBS	0.08%	-0.92%	-1.40%
EMB	Dollar Denominated EM Bonds	0.07%	-1.67%	-1.70%
LEMB	Local Currency EM Bond	-0.30%	-1.41%	-1.85%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.03%	-2.32%	-1.65%
DBE	Energy	0.89%	0.85%	2.97%
USO	WTI Crude Oil	1.26%	1.46%	4.56%
BNO	Brent Crude Oil	1.35%	1.61%	4.21%
UNG	Natural Gas	-5.38%	-2.38%	-2.96%
UGA	Gasoline	2.79%	4.86%	6.36%
DBP	Precious Metals	-0.82%	-2.98%	-3.10%
GLD	Gold	-0.38%	-1.60%	-2.07%
SLV	Silver	-2.18%	-8.59%	-7.16%
PPLT	abrdn Physical Platin..	-0.59%	-8.16%	-9.59%
PALL	abrdn Physical Palla..	-1.13%	-22.03%	-14.50%
DBB	Base Metals	-1.05%	-5.39%	-6.89%
CPER	Copper	-1.27%	-3.24%	-3.44%
DBA	Agriculture	0.43%	1.01%	1.74%
CORN	Corn	0.00%	-5.55%	-5.33%
SOYB	Soybeans	0.63%	-5.30%	-4.82%
WEAT	Wheat	0.00%	-3.41%	-5.19%
CANE	Sugar	0.21%	10.23%	9.56%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.04%	2.06%	2.29%
UDN	Short Dollar	0.00%	-1.36%	-1.79%
FXE	Euro	-0.04%	-0.92%	-1.20%
FXB	British Pound Sterling	0.18%	0.37%	-0.03%
FXF	Swiss Franc	-0.05%	-1.53%	-3.18%
FXJ	Japanese Yen	0.08%	-3.79%	-4.85%
FXC	Canadian Dollar	-0.35%	-1.44%	-1.60%
FXA	Australian Dollar	-0.36%	-3.17%	-3.41%

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