

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

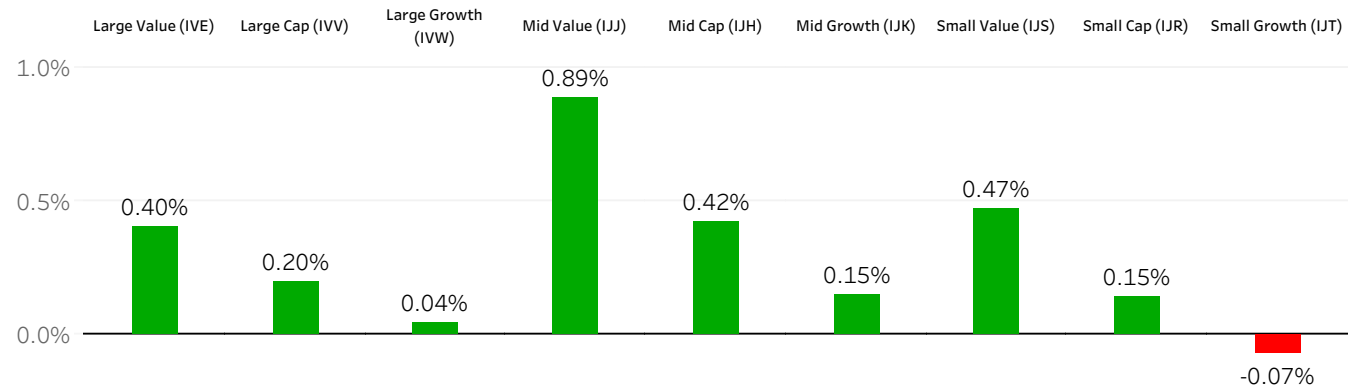


Small Cap Blend (S&P 600) IJR



■ 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	1-Day Performance
RDIV	Invesco S&P Ultra Dividend Revenue ETF	1.66%
WBIY	WBI Power Factor High Dividend ETF	1.52%
PEY	Invesco High Yield Equity Dividend Achievers ETF	1.46%
SDOG	ALPS Sector Dividend Dogs ETF	1.37%
BUZZ	VanEck Social Sentiment ETF	1.37%
SPHB	Invesco S&P 500 High Beta ETF	1.29%
MOAT	VanEck Morningstar Wide Moat ETF	1.13%
DJD	Invesco Dow Jones Industrial Average Dividend ETF	1.03%
FNK	First Trust Mid Cap Value AlphaDEX Fund	1.00%
FDL	First Trust Morningstar Dividend Leaders Index Fund	0.99%

Size & Style Most Overbought

Ticker	Fund	Value
PWB	Invesco Large Cap Growth ETF	72.08
AUSF	Global X Adaptive U.S. Factor ETF	71.91
LCG	Sterling Capital Focus Equity ETF	71.56
MBCC	Monarch Blue Chips Core ETF	71.52
CGGR	Capital Group Growth ETF	71.15
PTNQ	Pacer Trendpilot 100 ETF	70.83
NULG	Nuveen ESG Large-Cap Growth ETF	70.69
OALC	OneAscent Large Cap Core ETF	70.65
USXF	iShares ESG Advanced MSCI USA ETF	70.35
ACSI	American Customer Satisfaction ETF	70.24

Size & Style 1-Day Performance Laggards

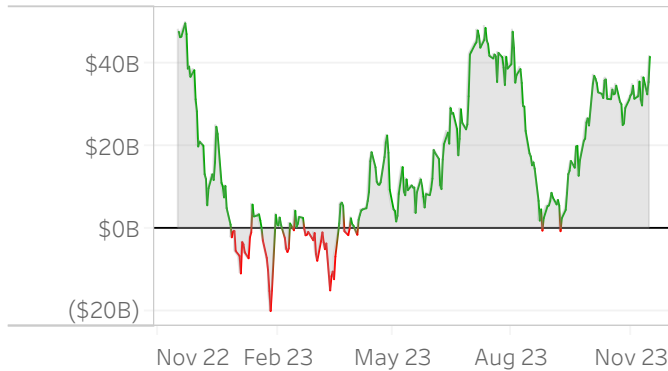
Ticker	Fund	1-Day Performance
QMOM	Momentumshares US Quantitative Momentum ETF	-0.96%
XMMO	Invesco S&P MidCap Momentum ETF	-0.70%
PDP	Invesco Dorsey Wright Momentum ETF	-0.61%
MTUM	iShares MSCI USA Momentum Factor ETF	-0.55%
SPMO	Invesco S&P 500 Momentum ETF	-0.45%
PWB	Invesco Large Cap Growth ETF	-0.45%
FFTY	Innovator IBD 50 ETF	-0.38%
QGRO	American Century U.S. Quality Growth ETF	-0.32%
VFMV	Vanguard U.S. Minimum Volatility ETF	-0.32%
XMHQ	Invesco S&P MidCap Quality ETF	-0.30%

Size & Style Most Oversold

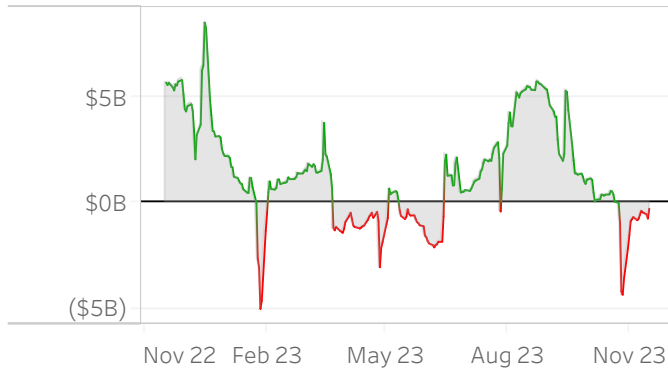
Ticker	Fund	Value
PTMC	Pacer Trendpilot US Mid Cap ETF	39.51
ALTL	Pacer Lunt Large Cap Alternator ETF	47.46
ONOF	Global X Adaptive U.S. Risk Management ETF	49.05
TPLE	Timothy Plan Us Large/Mid Cap Core Enhanced ETF	51.91
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	51.98
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	52.29
HDV	iShares Core High Dividend ETF	53.25
DURA	VanEck Durable High Dividend ETF	54.75
ABEQ	Absolute Select Value ETF	55.83
CDC	VictoryShares US EQ Income Enhanced Volatility Wt..	57.02

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

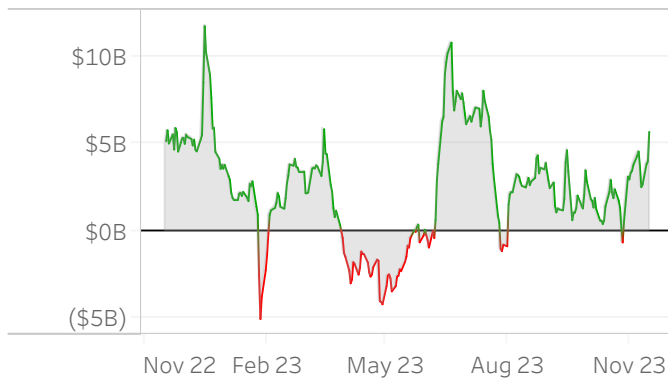
Large-Cap 30-Day Rolling Flows



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	\$1,522B	\$10.49B	\$46.02B	\$91.23B	\$75.27B
Large Cap, Beta, Beta: Growth	10	\$300B	\$0.73B	\$11.37B	\$12.79B	\$18.43B
Large Cap, Beta, Beta: Value	11	\$221B	\$0.45B	\$1.54B	(\$0.80B)	(\$6.14B)
Mid Cap, Beta, Beta	10	\$192B	\$0.03B	\$1.28B	\$6.57B	\$9.26B
Mid Cap, Beta, Beta: Growth	6	\$35B	\$0.07B	\$0.12B	\$0.86B	\$0.45B
Mid Cap, Beta, Beta: Value	6	\$37B	(\$0.02B)	(\$1.18B)	(\$1.73B)	(\$2.43B)
Small Cap, Beta, Beta	11	\$199B	\$1.56B	\$3.77B	\$13.31B	\$11.25B
Small Cap, Beta, Beta: Growth	7	\$33B	\$0.00B	\$0.70B	\$1.10B	\$1.21B
Small Cap, Beta, Beta: Value	7	\$47B	\$0.05B	(\$0.53B)	(\$1.15B)	(\$1.39B)

U.S. Size & Style Flow Leaders

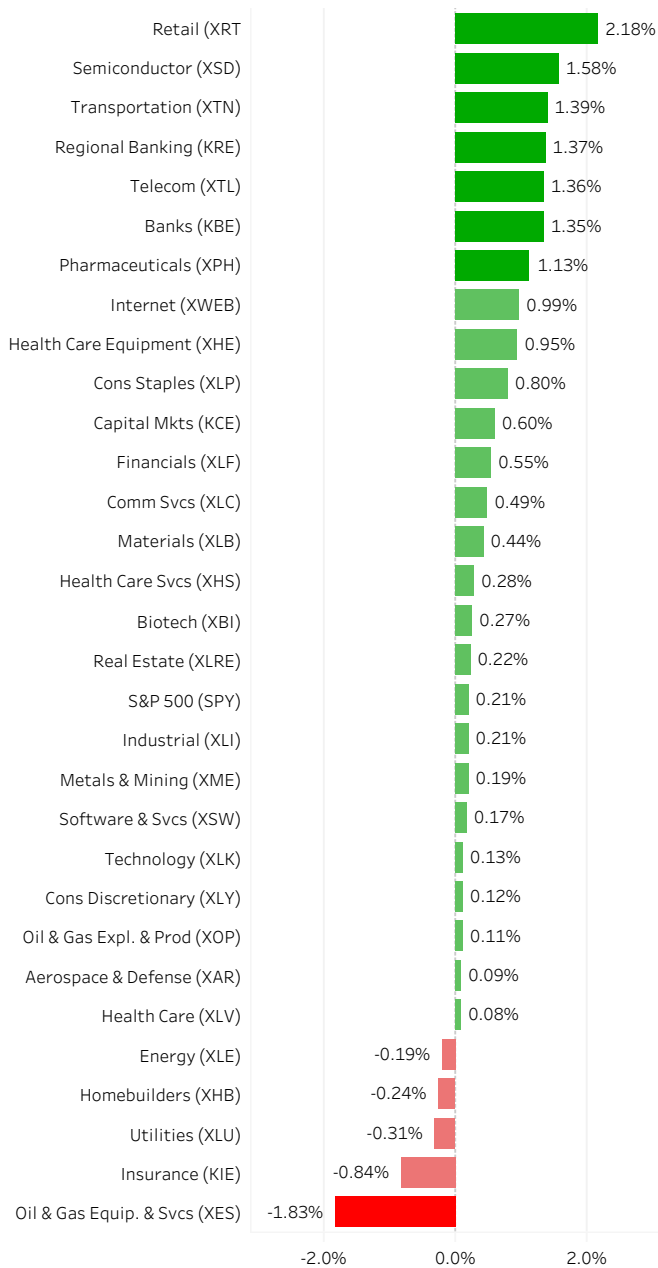
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust Series I	\$4.08B	\$8.54B	\$11.27B	\$2.85B	\$218.14B
SPY	SPDR S&P 500 ETF Trust	\$2.97B	\$2.47B	\$5.20B	(\$5.06B)	\$421.94B
IWM	iShares Russell 2000 ETF	\$1.56B	\$2.44B	\$5.89B	\$0.96B	\$54.45B
IVV	iShares Core S&P 500 ETF	\$1.27B	\$15.75B	\$33.11B	\$26.26B	\$368.46B
VOO	Vanguard S&P 500 ETF	\$1.10B	\$10.58B	\$28.29B	\$34.38B	\$346.30B
VTI	Vanguard Total Stock Market ETF	\$0.55B	\$5.77B	\$11.77B	\$19.42B	\$321.21B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.52B	(\$0.94B)	\$8.29B	\$7.97B	\$40.81B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.30B	\$2.37B	\$3.81B	\$4.91B	\$22.28B
IWD	iShares Russell 1000 Value ETF	\$0.26B	\$0.66B	(\$0.32B)	(\$4.36B)	\$49.59B
VUG	Vanguard Growth ETF	\$0.20B	\$2.27B	\$1.93B	\$4.10B	\$97.93B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.17B)	(\$0.46B)	(\$0.75B)	(\$0.65B)	\$18.25B
LCTU	BlackRock U.S. Carbon Transition Readiness E..	(\$0.17B)	(\$0.21B)	(\$0.13B)	(\$0.18B)	\$1.41B
IJR	iShares Core S&P Small Cap ETF	(\$0.08B)	(\$0.03B)	\$2.08B	\$2.40B	\$67.87B
SDY	SPDR S&P Dividend ETF	(\$0.07B)	(\$0.97B)	(\$1.61B)	(\$1.81B)	\$19.78B
VTV	Vanguard Value ETF	(\$0.07B)	(\$0.78B)	(\$3.07B)	(\$3.74B)	\$98.30B
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	(\$0.05B)	\$0.35B	\$1.23B	\$2.54B	\$4.85B
QQQE	Direxion NASDAQ-100 Equal Weighted Index ..	(\$0.05B)	\$0.00B	\$0.19B	(\$0.05B)	\$0.86B
VIOO	Vanguard S&P Small-Cap 600 ETF	(\$0.05B)	\$0.06B	\$0.03B	\$0.06B	\$2.17B
DFAT	Dimensional U.S. Targeted Value ETF	(\$0.05B)	\$0.08B	\$0.34B	\$0.83B	\$8.42B
VYM	Vanguard High Dividend Yield Index ETF	(\$0.05B)	(\$0.06B)	(\$0.17B)	(\$0.35B)	\$47.82B

\* 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)
XLC	Communication Services Select Sector SPDR Fund	0.00%	49.46%	4.47%	11.32%	65.27
XLK	Technology Select Sector SPDR Fund	0.00%	50.41%	8.03%	13.13%	73.17
SPY	SPDR S&P 500 ETF Trust	-1.77%	19.39%	3.96%	5.61%	68.72
XLY	Consumer Discretionary Select Sector SPDR Fund	-5.21%	32.86%	4.13%	6.39%	65.70
XLI	Industrial Select Sector SPDR Fund	-5.26%	8.79%	3.14%	2.15%	66.88
XLF	Financial Select Sector SPDR Fund	-6.24%	11.98%	3.80%	3.40%	68.04
XLB	Materials Select Sector SPDR Fund	-6.81%	7.28%	2.11%	-0.25%	61.43
XLV	Health Care Select Sector SPDR Fund	-8.67%	3.91%	-0.82%	-2.20%	51.42
XLP	Consumer Staples Select Sector SPDR Fund	-9.10%	6.39%	2.20%	-3.28%	66.05
XLE	Energy Select Sector SPDR Fund	-9.38%	10.46%	-4.28%	-0.07%	43.36
XLRE	Real Estate Select Sector SPDR Fund	-13.89%	11.90%	4.71%	-1.51%	63.58
XLU	Utilities Select Sector SPDR Fund	-14.97%	9.97%	2.09%	-4.80%	57.86

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
IAT	iShares U.S. Regional Banks ETF	2.29%
XRT	SPDR S&P Retail ETF	2.18%
FTXO	First Trust Nasdaq Bank ETF	1.69%
KBWR	Invesco KBW Regional Banking ETF	1.59%
XSD	SPDR S&P Semiconductor ETF	1.58%
KBWB	Invesco KBW Bank ETF	1.48%
XTN	SPDR S&P Transportation ETF	1.39%
KRE	SPDR S&P Regional Banking ETF	1.37%
KBE	SPDR S&P Bank ETF	1.35%
XPH	SPDR S&P Pharmaceuticals ETF	1.13%

### Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
ITA	iShares U.S. Aerospace & Defense ETF	74.23
XLK	Technology Select Sector SPDR Fund	73.17
XNTK	SPDR NYSE Technology ETF	72.98
FTEC	Fidelity MSCI Information Technology Index ETF	72.55
XAR	SPDR S&P Aerospace & Defense ETF	72.10
VGT	Vanguard Information Technology ETF	71.97
PNQI	Invesco NASDAQ Internet ETF	71.60
PPA	Invesco Aerospace & Defense ETF	71.08
IYW	iShares U.S. Technology ETF	70.93
IETC	iShares U.S. Tech Independence Focused ETF	70.90

### Sector & Industry 1 Day Performance Laggards

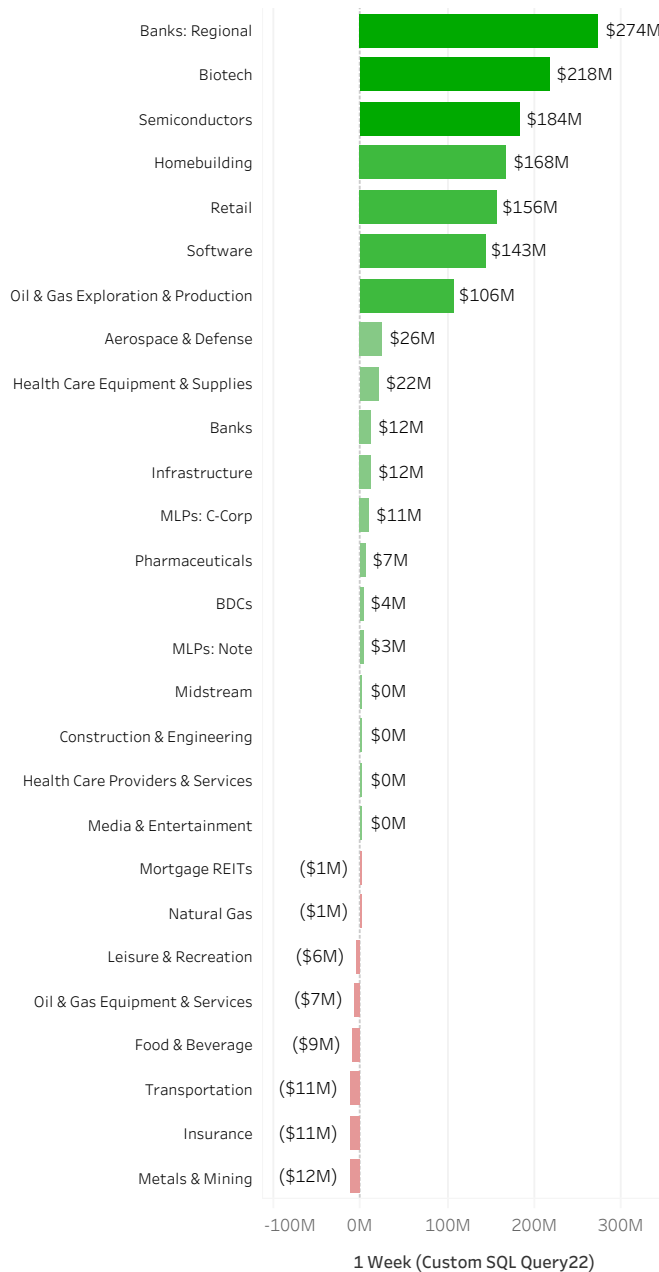
Ticker	Fund	1 Day Performance
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-1.83%
IEZ	iShares U.S. Oil Equipment & Services ETF	-1.37%
PXJ	Invesco Oil & Gas Services ETF	-1.25%
PKB	Invesco Building & Construction ETF	-1.24%
KBWP	Invesco KBW Property & Casualty Insurance ETF	-1.06%
PSCE	Invesco S&P SmallCap Energy ETF	-0.92%
KIE	SPDR S&P Insurance ETF	-0.84%
PTF	Invesco Dorsey Wright Technology Momentum ETF	-0.79%
PRN	Invesco Dorsey Wright Industrials Momentum ETF	-0.73%
IAK	iShares U.S. Insurance ETF	-0.70%

### Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XES	SPDR S&P Oil & Gas Equipment & Services ETF	40.61
IEZ	iShares U.S. Oil Equipment & Services ETF	42.57
VDE	Vanguard Energy ETF	43.21
XLE	Energy Select Sector SPDR Fund	43.36
IYE	iShares U.S. Energy ETF	43.39
PSCE	Invesco S&P SmallCap Energy ETF	43.40
FENY	Fidelity MSCI Energy Index ETF	43.46
FCG	First Trust Natural Gas ETF	43.94
PXJ	Invesco Oil & Gas Services ETF	44.20
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	44.37

\* 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	\$19B	\$233M	(\$488M)	\$1,152M	\$2,600M
Consumer Discretionary	12	\$26B	\$222M	(\$310M)	\$1,036M	\$1,095M
Consumer Staples	10	\$26B	(\$68M)	(\$3,059M)	(\$3,775M)	(\$1,318M)
Energy	30	\$73B	\$324M	\$2,524M	\$594M	(\$8,319M)
Financials	26	\$54B	\$1,105M	(\$4,990M)	(\$2,155M)	(\$4,229M)
Health Care	23	\$81B	(\$446M)	(\$3,479M)	(\$4,891M)	(\$8,146M)
Industrial	13	\$33B	(\$89M)	(\$1,322M)	\$715M	\$1,079M
Materials	9	\$12B	(\$84M)	(\$812M)	(\$1,923M)	(\$1,857M)
Multi-Sector	18	\$18B	\$286M	(\$326M)	\$2,376M	\$2,107M
Real Estate	25	\$53B	\$155M	(\$554M)	\$217M	(\$3,253M)
Technology	23	\$162B	\$1,329M	\$3,539M	\$4,026M	\$2,737M
Utilities	9	\$21B	(\$93M)	(\$1,208M)	(\$2,289M)	(\$1,744M)

## U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLK	Technology Select Sector SPDR Fund	\$860M	\$384M	\$1,566M	(\$989M)	\$53,784M
XLF	Financial Select Sector SPDR Fund	\$534M	(\$3,661M)	(\$753M)	(\$1,643M)	\$30,260M
VFH	Vanguard Financials ETF	\$365M	(\$623M)	\$114M	(\$655M)	\$8,103M
KRE	SPDR S&P Regional Banking ETF	\$275M	\$87M	(\$213M)	\$320M	\$2,973M
XLE	Energy Select Sector SPDR Fund	\$249M	\$1,961M	\$620M	(\$2,809M)	\$37,829M
XBI	SPDR S&P BIOTECH ETF	\$247M	\$355M	\$257M	(\$1,434M)	\$5,889M
XLC	Communication Services Select Sector SPDR Fu..	\$209M	(\$420M)	\$911M	\$2,369M	\$14,503M
SOXX	iShares Semiconductor ETF	\$207M	\$453M	\$341M	\$606M	\$9,473M
XRT	SPDR S&P Retail ETF	\$156M	\$233M	\$155M	(\$69M)	\$502M
IGV	iShares Expanded Tech-Software Sector ETF	\$147M	\$293M	\$713M	\$533M	\$7,229M

## U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	(\$562M)	(\$1,940M)	(\$2,479M)	(\$2,474M)	\$36,482M
VHT	Vanguard Health Care ETF	(\$120M)	(\$701M)	(\$579M)	(\$563M)	\$15,595M
XLI	Industrial Select Sector SPDR Fund	(\$97M)	(\$955M)	\$496M	(\$533M)	\$14,287M
XLU	Utilities Select Sector SPDR Fund	(\$60M)	(\$442M)	(\$1,400M)	(\$698M)	\$13,668M
XLB	Materials Select Sector SPDR Fund	(\$54M)	(\$214M)	(\$192M)	(\$121M)	\$5,326M
IYF	iShares U.S. Financials ETF	(\$50M)	(\$51M)	(\$73M)	(\$285M)	\$1,822M
FXL	First Trust Technology AlphaDEX Fund	(\$35M)	\$9M	\$10M	(\$33M)	\$1,222M
FXN	First Trust Energy AlphaDEX Fund	(\$32M)	\$80M	(\$33M)	(\$1,158M)	\$651M
IBB	iShares Biotechnology ETF	(\$29M)	(\$341M)	(\$677M)	(\$1,375M)	\$6,486M
VPU	Vanguard Utilities ETF	(\$26M)	(\$300M)	(\$121M)	(\$248M)	\$4,670M

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Communication Services



Consumer Discretionary



Consumer Staples



Energy



Financials



Industrial



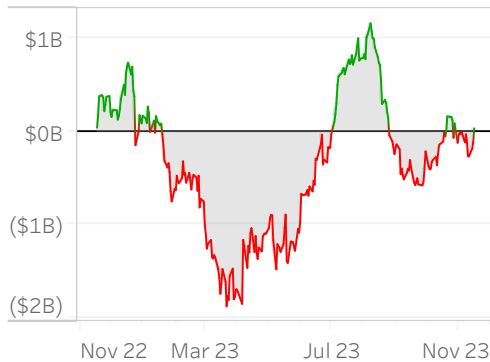
Health Care



Materials



Real Estate



Technology



Utilities

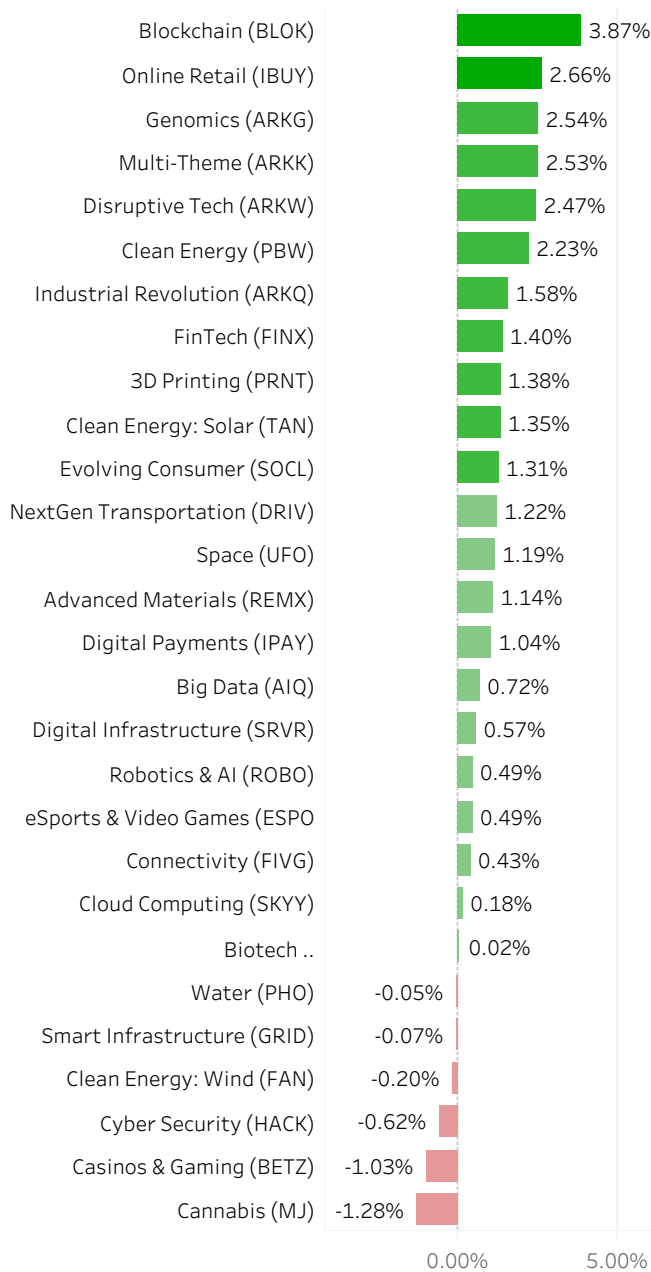


Multi-Sector

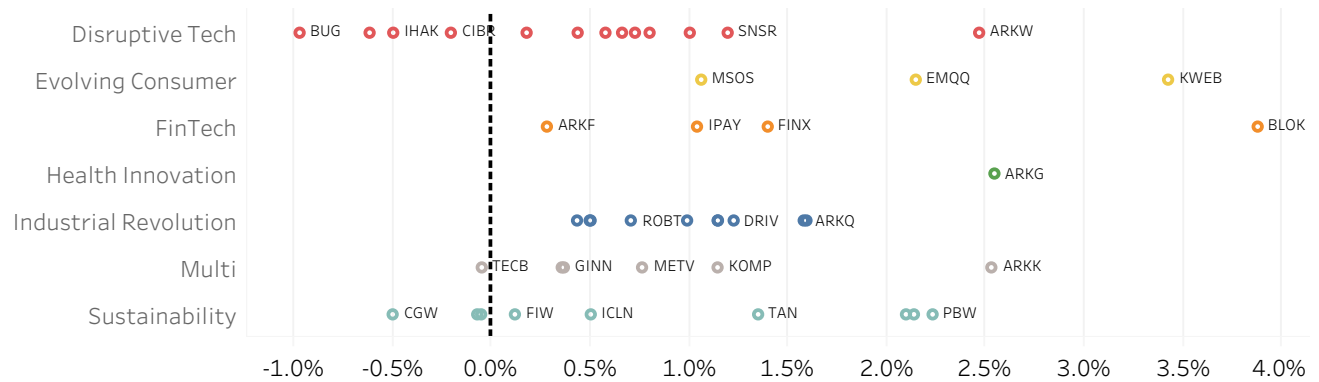


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## Global Thematic Segment 1-Day Performance



## Global Thematic 1-Day Performance Landscape



## Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
BKCH	Global X Blockchain ETF	7.66%
BITQ	Bitwise Crypto Industry Innovators ETF	6.62%
BLOK	Amplify Transformational Data Sharing ETF	3.87%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	3.44%
KWEB	KraneShares CSI China Internet ETF	3.42%
IBUY	Amplify Online Retail ETF	2.66%
ARKG	ARK Genomic Revolution ETF	2.54%
ARKK	ARK Innovation ETF	2.53%
ARKW	ARK Next Generation Internet ETF	2.47%
PBW	Invesco WilderHill Clean Energy ETF	2.23%

## Thematic Most Overbought

Ticker	Fund	Price
NXTG	First Trust Indxx NextG ETF	73.23
METV	Roundhill Ball Metaverse ETF	73.21
PIO	Invesco Global Water ETF	72.38
AIQ	Global X Artificial Intelligence & Technology ETF	72.18
HERO	Global X Video Games & Esports ETF	71.59
ESPO	VanEck Video Gaming and eSports ETF	71.41
AWAY	ETFMG Travel Tech ETF	71.14
ARKW	ARK Next Generation Internet ETF	71.13
MILN	Global X Millennial Consumer ETF	71.00
FIVG	Defiance Next Gen Connectivity ETF	69.79

## Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
MJ	ETFMG Alternative Harvest ETFMG Alternative Harvest	-1.28%
BETZ	Roundhill Sports Betting & iGaming ETF	-1.03%
BUG	Global X Cybersecurity ETF	-0.97%
MJUS	ETFMG U.S. Alternative Harvest ETF	-0.66%
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Secu..	-0.62%
CGW	Invesco S&P Global Water Index ETF	-0.50%
IHAK	iShares Cybersecurity & Tech ETF	-0.50%
AGNG	Global X Aging Population ETF	-0.44%
SAMT	Strategas Macro Thematic Opportunities ETF	-0.26%
EVX	VanEck Environmental Services ETF	-0.23%

## Thematic Most Oversold

Ticker	Fund	Price
REMX	VanEck Rare Earth/Strategic Metals ETF	48.94
MJ	ETFMG Alternative Harvest ETFMG Alternative Harvest	49.58
ACES	ALPS Clean Energy ETF	49.96
SBIO	ALPS Medical Breakthroughs ETF	50.38
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	50.54
LIT	Global X Lithium & Battery Tech ETF	50.84
BATT	Amplify Lithium & Battery Technology ETF	51.65
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	51.99
PBW	Invesco WilderHill Clean Energy ETF	52.46
MJUS	ETFMG U.S. Alternative Harvest ETF	53.89

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## Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$18M
TMAT	Main Thematic Innovation ETF	\$15M
ARKG	ARK Genomic Revolution ETF	\$15M
AIQ	Global X Artificial Intelligence & Technology ETF	\$14M
THNQ	ROBO Global Artificial Intelligence ETF	\$9M
WTAI	WisdomTree Artificial Intelligence and Innovation Fund	\$8M
FMIL	Fidelity New Millennium ETF	\$7M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$6M
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	\$5M
HE LX	Franklin Genomic Advancements ETF	\$3M

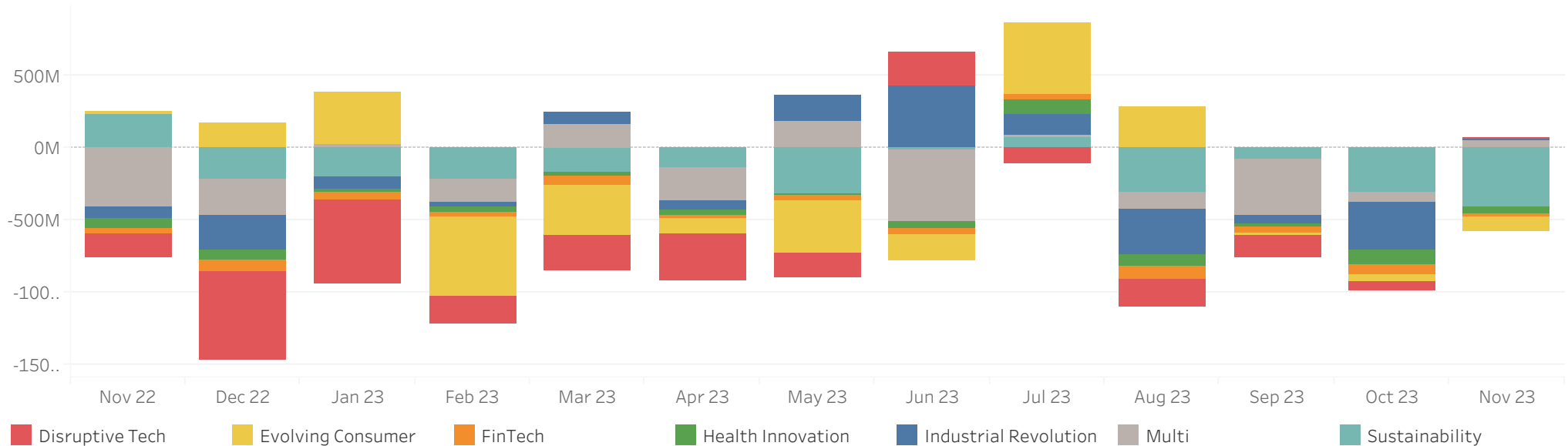
## Thematic 1 Week Flow Laggards

Ticker	Fund	
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	(\$127M)
GTEK	Goldman Sachs Future Tech Leaders Equity ETF	(\$95M)
GBUY	Goldman Sachs Future Consumer Equity ETF	(\$91M)
GDOC	Goldman Sachs Future Health Care Equity ETF	(\$74M)
ICLN	iShares Global Clean Energy ETF	(\$27M)
TAN	Invesco Solar ETF	(\$20M)
ACES	ALPS Clean Energy ETF	(\$11M)
WCLD	WisdomTree Cloud Computing Fund	(\$10M)
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Security Fund	(\$8M)
CGW	Invesco S&P Global Water Index ETF	(\$8M)

## Thematic Landscape Assets & Flows

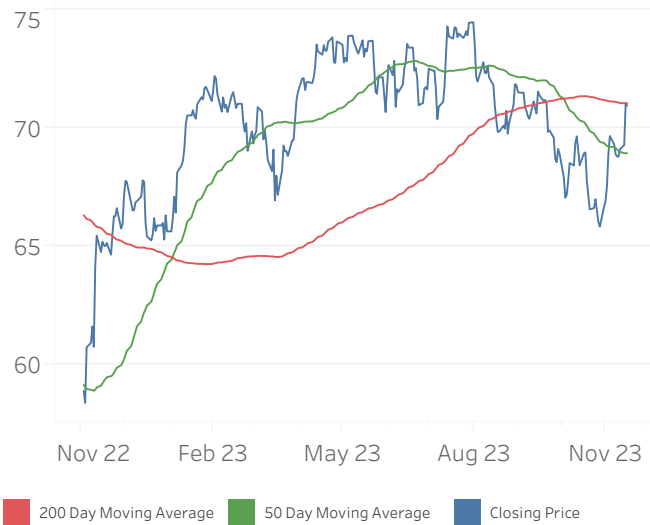
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$17B	(\$58M)	(\$314M)	(\$339M)	(\$2,547M)
Evolving Consumer	37	\$8B	(\$96M)	(\$225M)	\$362M	(\$387M)
FinTech	17	\$2B	(\$25M)	(\$173M)	(\$217M)	(\$529M)
Health Innovation	18	\$2B	(\$51M)	(\$196M)	(\$264M)	(\$517M)
Industrial Revolution	30	\$10B	(\$9M)	(\$476M)	\$135M	(\$335M)
Multi	35	\$14B	\$53M	(\$281M)	(\$904M)	(\$1,711M)
Sustainability	40	\$12B	(\$165M)	(\$891M)	(\$1,206M)	(\$2,099M)
Grand Total	211	\$66B	(\$351M)	(\$2,555M)	(\$2,433M)	(\$8,125M)

## Thematic Monthly Flows

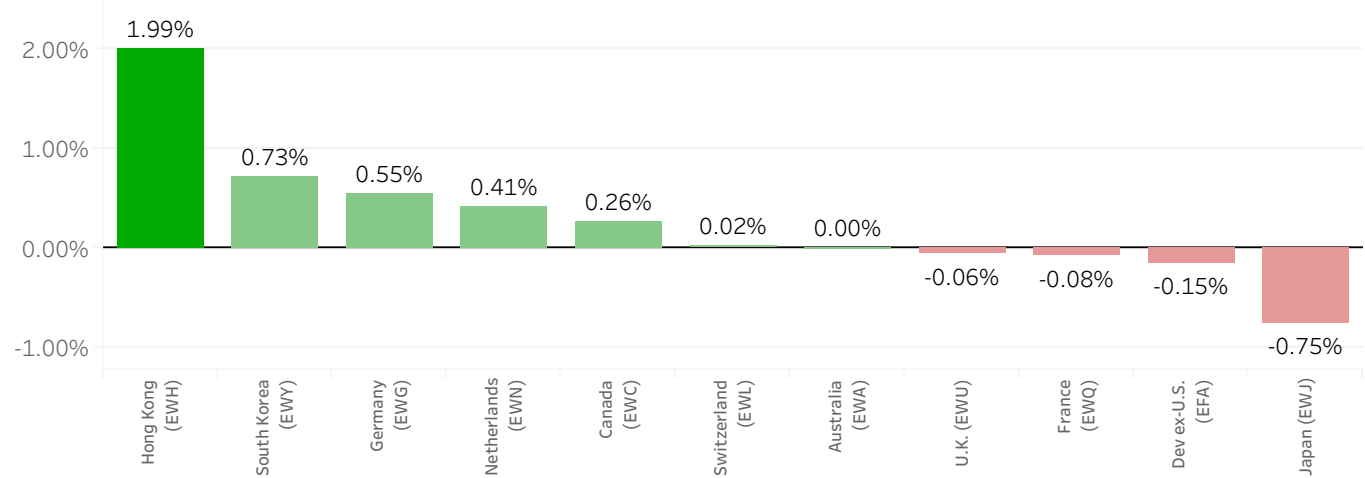


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Developed ex-U.S. (EFA)



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



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



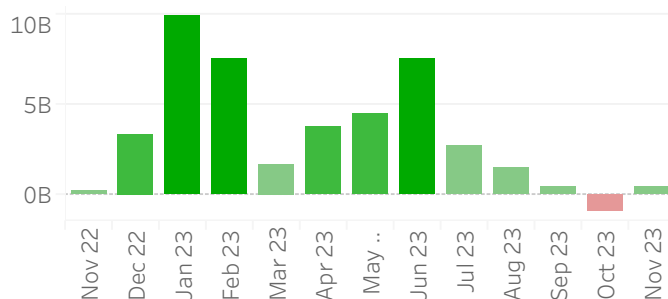
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWH	iShares MSCI Hong Kong ETF	1.99%
EWD	iShares MSCI Sweden ETF	1.50%
AIA	iShares Asia 50 ETF	1.42%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	0.95%
FSZ	First Trust Switzerland AlphaDEX Fund	0.89%
EWY	iShares MSCI South Korea ETF	0.73%
MINV	Matthews Asia Innovators Active ETF	0.63%
NORW	Global X MSCI Norway ETF	0.62%
FEP	First Trust Europe AlphaDEX Fund	0.62%
FLKR	Franklin FTSE South Korea ETF	0.59%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
EWN	iShares MSCI Netherlands ETF	75.88
EWG	iShares MSCI Germany ETF	73.59
IEUS	iShares MSCI Europe Small-Cap ETF	73.15
EWD	iShares MSCI Sweden ETF	73.14
FEZ	SPDR EURO STOXX 50 ETF	72.62
BKCI	BNY Mellon Concentrated International ETF	72.50
EZU	iShares MSCI Eurozone ETF	72.47
EWP	iShares MSCI Spain ETF	71.69
FEP	First Trust Europe AlphaDEX Fund	71.43
DAX	Global X DAX Germany ETF	71.42

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWJV	iShares MSCI Japan Value ETF	-1.87%
EIS	iShares MSCI Israel ETF	-1.23%
EWS	iShares MSCI Singapore ETF	-1.21%
FYLD	Cambria Foreign Shareholder Yield ETF	-1.02%
DFJ	WisdomTree Japan SmallCap Dividend Fund	-1.02%
FLJP	Franklin FTSE Japan ETF	-0.89%
SCJ	iShares MSCI Japan Small-Cap ETF	-0.88%
FJP	First Trust Japan AlphaDEX Fund	-0.88%
EIRL	iShares MSCI Ireland ETF	-0.86%
BBJP	JPMorgan BetaBuilders Japan ETF	-0.82%

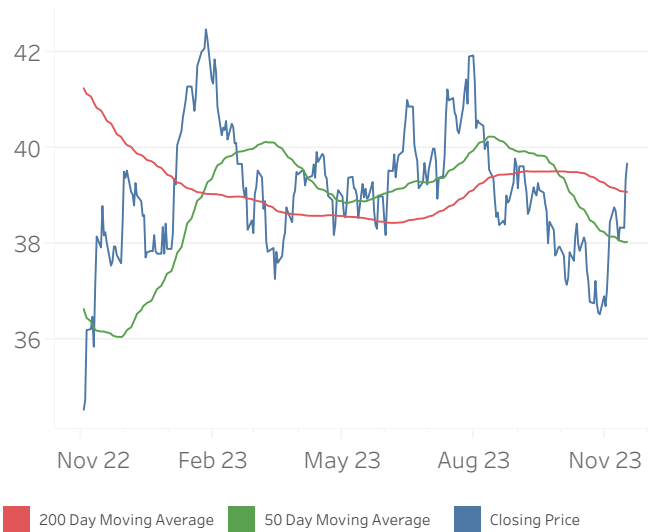
Developed ex-U.S. Most Oversold

Ticker	Fund	Price
EWS	iShares MSCI Singapore ETF	49.83
DFJ	WisdomTree Japan SmallCap Dividend Fund	51.56
EWJV	iShares MSCI Japan Value ETF	52.19
SCJ	iShares MSCI Japan Small-Cap ETF	52.48
FJP	First Trust Japan AlphaDEX Fund	55.02
FLJP	Franklin FTSE Japan ETF	56.36
BBJP	JPMorgan BetaBuilders Japan ETF	56.61
JPXN	iShares JPX-Nikkei 400 ETF	56.90
EWJ	iShares MSCI Japan ETF	57.01
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	57.12

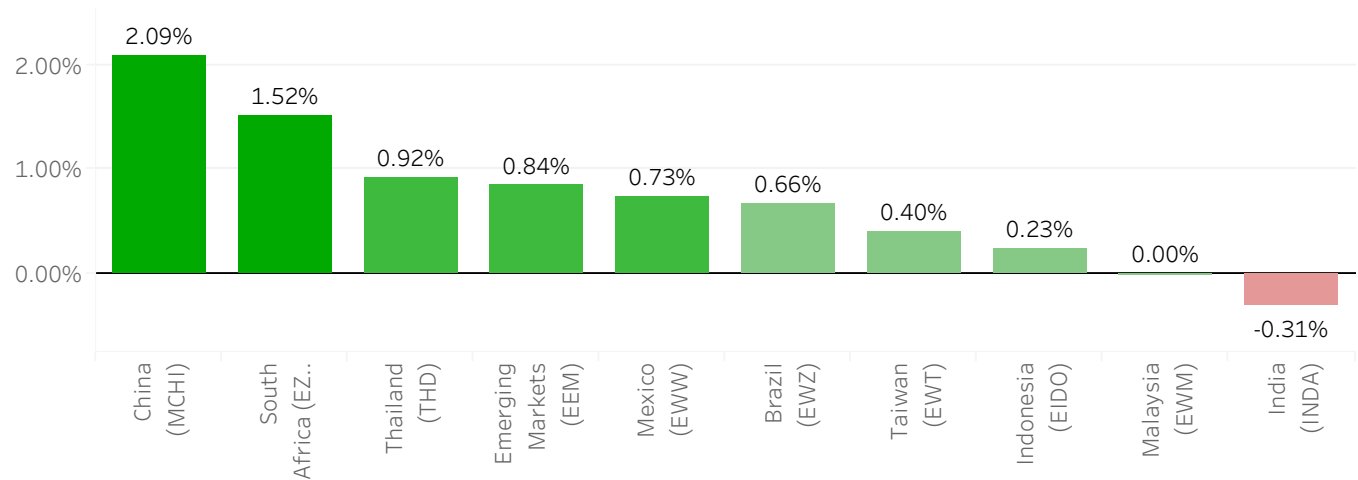
\*ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



Emerging (EEM)



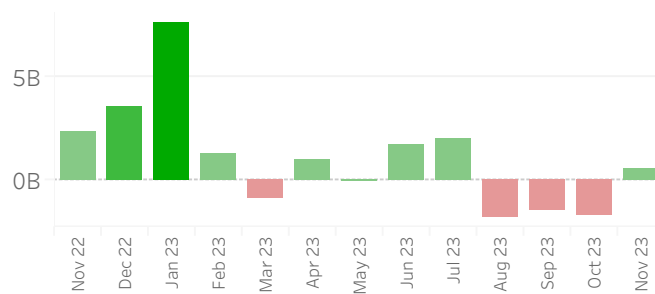
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
PGJ	Invesco Golden Dragon China ETF	2.70%
FXI	iShares China Large-Cap ETF	2.37%
FLCH	Franklin FTSE China ETF	2.20%
MCHI	iShares MSCI China ETF	2.09%
EZA	iShares MSCI South Africa ETF	1.52%
GXC	SPDR S&P China ETF	1.50%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	1.37%
EMXF	iShares ESG Advanced MSCI EM ETF	1.34%
EEMA	iShares MSCI Emerging Markets Asia ETF	1.31%
ECH	iShares MSCI Chile ETF	1.24%

Emerging Most Overbought

Ticker	Fund	Price
FLLA	Franklin FTSE Latin America ETF	72.08
FLBR	Franklin FTSE Brazil ETF	71.91
ILF	iShares Latin America 40 ETF	71.26
EWZ	iShares MSCI Brazil ETF	71.25
DVYE	iShares Emerging Markets Dividend ETF	70.73
EWZ	iShares MSCI Mexico ETF	70.00
FRDM	Freedom 100 Emerging Markets ETF	69.48
FLTW	Franklin FTSE Taiwan ETF	69.40
EPOL	iShares MSCI Poland ETF	69.37
GLIN	VanEck India Growth Leaders ETF	69.06

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
EPOL	iShares MSCI Poland ETF	-1.40%
SMIN	iShares MSCI India Small Cap ETF	-0.65%
FLIN	Franklin FTSE India ETF	-0.49%
EYLD	Cambria Emerging Shareholder Yield ETF	-0.40%
EPHE	iShares MSCI Philippines ETF	-0.32%
EPI	WisdomTree India Earnings Fund	-0.32%
INDA	iShares MSCI India ETF	-0.31%
TUR	iShares MSCI Turkey ETF	-0.20%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	-0.18%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-0.16%

Emerging Most Oversold

Ticker	Fund	Price
TUR	iShares MSCI Turkey ETF	42.25
RAYC	Rayliant Quantamental China Equity ETF	50.61
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	52.81
KWT	iShares MSCI Kuwait ETF	53.67
THD	iShares MSCI Thailand ETF	54.15
ARGT	Global X MSCI Argentina ETF	54.34
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	55.45
EPHE	iShares MSCI Philippines ETF	55.58
EIDO	iShares MSCI Indonesia ETF	56.50
FEMS	First Trust Emerging Markets Small Cap AlphaDEX F..	57.18

\*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	-0.62%	1.26%	0.07%
SHY	1-3 Year Treasury Bonds	-0.18%	0.62%	2.46%
IEF	7-10 Year Treasury Bonds	-0.78%	0.87%	-1.86%
TLT	20+ Year Treasury Bonds	-1.40%	1.38%	-8.57%
TIP	TIPS Bonds	-0.43%	0.76%	0.17%
FLOT	Floating Rate Bonds	0.04%	0.54%	5.62%
LQD	Investment Grade Corporate	-0.52%	2.20%	1.33%
HYG	High Yield Corporate	-0.32%	2.95%	6.36%
BKLN	Senior Loan	-0.05%	0.82%	10.15%
PFF	Preferred & Income Securities	-0.02%	4.60%	4.04%
MUB	Municipal Bonds	-0.22%	1.92%	1.14%
MBB	MBS	-0.75%	1.73%	-1.04%
EMB	Dollar Denominated EM Bonds	-0.62%	2.85%	2.57%
LEMB	Local Currency EM Bond	0.03%	4.46%	3.34%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.13%	-1.85%	-5.58%
DBE	Energy	-0.87%	-6.40%	-4.59%
USO	WTI Crude Oil	-1.86%	-9.68%	1.75%
BNO	Brent Crude Oil	-1.81%	-9.31%	1.56%
UNG	Natural Gas	1.55%	-12.53%	-53.48%
UGA	Gasoline	-1.17%	-2.10%	4.25%
DBP	Precious Metals	0.21%	2.01%	4.61%
GLD	Gold	-0.26%	1.57%	7.07%
SLV	Silver	1.32%	3.22%	-2.59%
PPLT	abrdn Physical Platin..	1.01%	1.93%	-16.47%
PALL	abrdn Physical Palla..	1.25%	-9.88%	-42.23%
DBB	Base Metals	0.80%	4.14%	-2.98%
CPER	Copper	0.83%	4.47%	0.17%
DBA	Agriculture	0.18%	2.67%	10.62%
CORN	Corn	-1.16%	-2.94%	-17.82%
SOYB	Soybeans	-0.20%	6.31%	1.24%
WEAT	Wheat	-1.39%	-2.24%	-28.82%
CANE	Sugar	0.27%	1.27%	58.55%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.38%	-1.64%	5.86%
UDN	Short Dollar	-0.42%	2.46%	1.35%
FXE	Euro	-0.34%	3.38%	2.71%
FXB	British Pound Sterling	-0.67%	2.43%	5.29%
FXF	Swiss Franc	0.04%	1.59%	3.80%
FXJ	Japanese Yen	-0.87%	-1.27%	-13.83%
FXC	Canadian Dollar	0.00%	-0.07%	0.77%
FXA	Australian Dollar	-0.02%	3.48%	-3.43%

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