

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

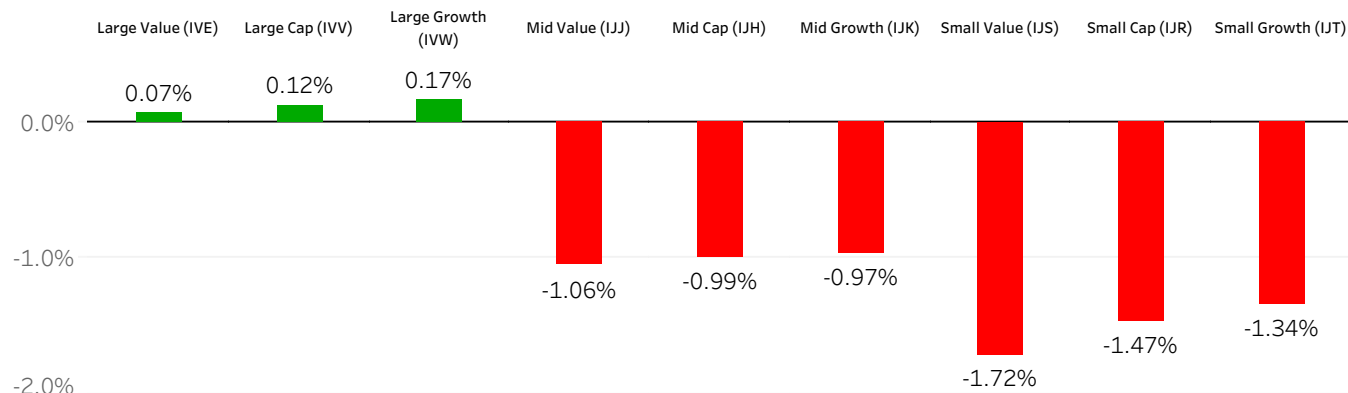


Small Cap Blend (S&P 600) IJR



■ 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
MBCC	Monarch Blue Chips Core ETF	0.69%
USSG	Xtrackers MSCI USA ESG Leaders Equity ETF	0.60%
MGK	Vanguard Mega Cap Growth ETF	0.56%
IWY	iShares Russell Top 200 Growth ETF	0.46%
ZECP	Zacks Earnings Consistent Portfolio ETF	0.44%
VUG	Vanguard Growth ETF	0.43%
MTUM	iShares MSCI USA Momentum Factor ETF	0.40%
SUSL	iShares ESG MSCI USA Leaders ETF	0.40%
TMFC	Motley Fool 100 Index ETF	0.37%
USNZ	Xtrackers Net Zero Pathway Paris Aligned US Equity ETF	0.36%

Size & Style Most Overbought

Ticker	Fund	Value
MBCC	Monarch Blue Chips Core ETF	73.41
PWB	Invesco Large Cap Growth ETF	72.82
NULG	Nuveen ESG Large-Cap Growth ETF	71.35
LCG	Sterling Capital Focus Equity ETF	71.27
MGK	Vanguard Mega Cap Growth ETF	70.92
VUG	Vanguard Growth ETF	70.92
USXF	iShares ESG Advanced MSCI USA ETF	70.78
MMTM	SPDR S&P 1500 Momentum Tilt ETF	70.66
IWY	iShares Russell Top 200 Growth ETF	70.56
VONG	Vanguard Russell 1000 Growth ETF	70.37

Size & Style 1-Day Performance Laggards

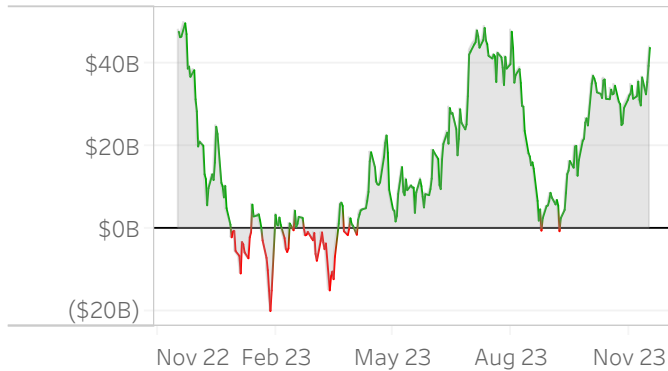
Ticker	Fund	1-Day Performance
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	-2.19%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	-2.17%
RWJ	Invesco S&P SmallCap 600 Revenue ETF	-2.11%
XSVM	Invesco S&P SmallCap Value with Momentum ETF	-2.03%
BKSE	BNY Mellon US Small Cap Core Equity ETF	-1.96%
FYT	First Trust Small Cap Value AlphaDEX Fund	-1.81%
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	-1.81%
VTWV	Vanguard Russell 2000 Value ETF	-1.78%
XSHQ	Invesco S&P SmallCap Quality ETF	-1.77%
SVAL	iShares US Small Cap Value Factor ETF	-1.75%

Size & Style Most Oversold

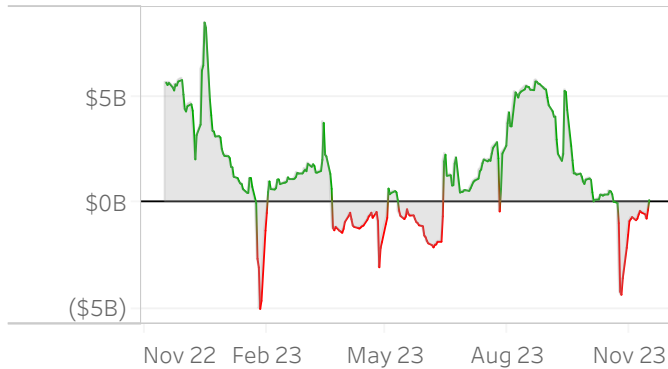
Ticker	Fund	Value
PTMC	Pacer Trendpilot US Mid Cap ETF	39.11
ALTL	Pacer Lunt Large Cap Alternator ETF	48.63
ONOF	Global X Adaptive U.S. Risk Management ETF	49.35
LSAT	Leadershares Alphafactor Tactical Focused ETF	50.35
HDV	iShares Core High Dividend ETF	50.63
TPLE	Timothy Plan Us Large/Mid Cap Core Enhanced ETF	50.93
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	51.19
COWZ	Pacer US Cash Cows 100 ETF	52.05
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	52.19
RFG	Invesco S&P Midcap 400 Pure Growth ETF	52.64

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

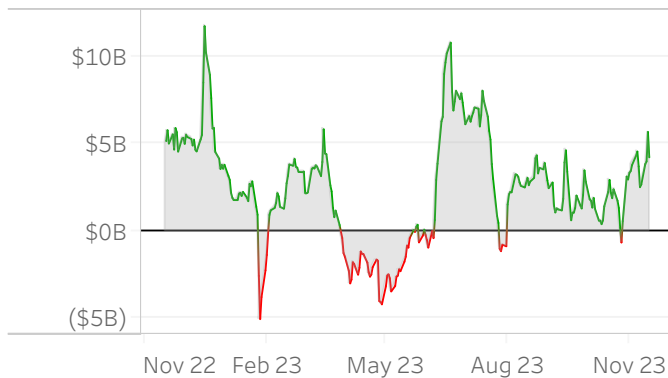
Large-Cap 30-Day Rolling Flows



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	\$1,528B	\$9.19B	\$49.52B	\$95.04B	\$80.49B
Large Cap, Beta, Beta: Growth	10	\$301B	\$1.20B	\$11.74B	\$13.42B	\$18.79B
Large Cap, Beta, Beta: Value	11	\$222B	\$0.57B	\$1.73B	(\$0.58B)	(\$6.13B)
Mid Cap, Beta, Beta	10	\$193B	\$0.04B	\$1.28B	\$6.46B	\$9.20B
Mid Cap, Beta, Beta: Growth	6	\$36B	\$0.07B	\$0.12B	\$0.88B	\$0.48B
Mid Cap, Beta, Beta: Value	6	\$37B	\$0.00B	(\$1.17B)	(\$1.68B)	(\$2.50B)
Small Cap, Beta, Beta	11	\$199B	\$1.29B	\$3.20B	\$11.97B	\$10.00B
Small Cap, Beta, Beta: Growth	7	\$33B	\$0.05B	\$0.69B	\$1.04B	\$1.19B
Small Cap, Beta, Beta: Value	7	\$48B	\$0.05B	(\$0.46B)	(\$1.05B)	(\$1.42B)

U.S. Size & Style Flow Leaders

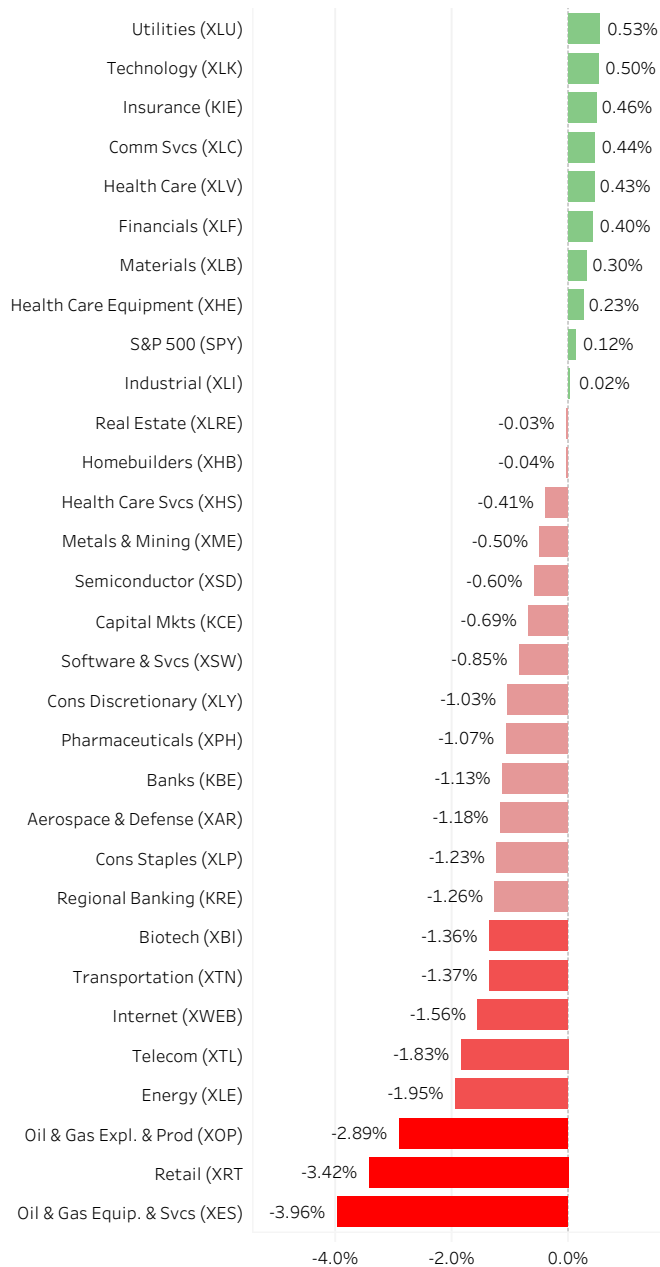
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust Series I	\$4.56B	\$7.48B	\$12.22B	\$3.80B	\$218.70B
SPY	SPDR S&P 500 ETF Trust	\$2.06B	\$6.62B	\$7.58B	(\$0.93B)	\$424.44B
IWM	iShares Russell 2000 ETF	\$1.43B	\$2.02B	\$4.61B	(\$0.10B)	\$53.92B
VOO	Vanguard S&P 500 ETF	\$1.29B	\$10.76B	\$28.44B	\$34.54B	\$347.21B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.79B	(\$0.74B)	\$8.62B	\$8.28B	\$41.26B
VTI	Vanguard Total Stock Market ETF	\$0.58B	\$5.82B	\$11.86B	\$19.22B	\$321.92B
IVV	iShares Core S&P 500 ETF	\$0.43B	\$16.05B	\$33.43B	\$26.43B	\$369.41B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.40B	(\$0.38B)	\$0.39B	(\$2.01B)	\$29.57B
IWF	iShares Russell 1000 Growth ETF	\$0.33B	\$2.85B	\$2.69B	\$0.15B	\$76.54B
VONG	Vanguard Russell 1000 Growth ETF	\$0.27B	\$1.97B	\$2.31B	\$3.97B	\$15.85B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
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	(\$0.14B)	(\$0.09B)	\$2.02B	\$2.32B	\$67.94B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.13B)	(\$0.38B)	(\$0.70B)	(\$0.57B)	\$18.40B
SDY	SPDR S&P Dividend ETF	(\$0.09B)	(\$0.98B)	(\$1.63B)	(\$1.83B)	\$19.89B
VYM	Vanguard High Dividend Yield Index ETF	(\$0.07B)	(\$0.07B)	(\$0.19B)	(\$0.39B)	\$48.06B
GSLC	Goldman Sachs ActiveBeta U.S. Large Cap Eq..	(\$0.06B)	(\$0.52B)	(\$0.73B)	(\$0.99B)	\$10.91B
FVD	First Trust Value Line Dividend Index Fund	(\$0.06B)	(\$0.82B)	(\$1.08B)	(\$1.39B)	\$10.57B
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	(\$0.05B)	\$0.32B	\$1.23B	\$2.53B	\$4.86B
FDL	First Trust Morningstar Dividend Leaders Ind..	(\$0.05B)	(\$0.33B)	(\$0.84B)	\$0.06B	\$3.88B
VIOO	Vanguard S&P Small-Cap 600 ETF	(\$0.05B)	\$0.06B	\$0.03B	\$0.06B	\$2.18B

* 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%	50.13%	4.83%	11.69%	66.50
XLK	Technology Select Sector SPDR Fund	0.00%	51.16%	8.43%	13.55%	74.21
SPY	SPDR S&P 500 ETF Trust	-1.65%	19.53%	4.06%	5.69%	69.11
XLI	Industrial Select Sector SPDR Fund	-5.25%	8.81%	3.18%	2.15%	66.95
XLF	Financial Select Sector SPDR Fund	-5.86%	12.43%	4.18%	3.84%	69.24
XLY	Consumer Discretionary Select Sector SPDR Fund	-6.18%	31.50%	3.10%	5.24%	61.50
XLB	Materials Select Sector SPDR Fund	-6.53%	7.60%	2.45%	0.06%	62.33
XLV	Health Care Select Sector SPDR Fund	-8.27%	4.36%	-0.34%	-1.76%	53.79
XLP	Consumer Staples Select Sector SPDR Fund	-10.22%	5.07%	1.00%	-4.45%	56.99
XLE	Energy Select Sector SPDR Fund	-11.15%	8.30%	-5.97%	-2.00%	37.93
XLRE	Real Estate Select Sector SPDR Fund	-13.91%	11.87%	4.73%	-1.49%	63.49
XLU	Utilities Select Sector SPDR Fund	-14.52%	10.55%	2.65%	-4.26%	59.34

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
IHI	iShares U.S. Medical Devices ETF	1.41%
KBWP	Invesco KBW Property & Casualty Insurance ETF	0.85%
IGPT	Invesco AI and Next Gen Software ETF	0.85%
IAK	iShares U.S. Insurance ETF	0.78%
IYW	iShares U.S. Technology ETF	0.67%
RSPU	Invesco S&P 500 Equal Weight Utilities ETF	0.54%
XLU	Utilities Select Sector SPDR Fund	0.53%
XLK	Technology Select Sector SPDR Fund	0.50%
RSPH	Invesco S&P 500 Equal Weight Health Care ETF	0.48%
IDU	iShares U.S. Utilities ETF	0.48%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
XLK	Technology Select Sector SPDR Fund	74.21
FTEC	Fidelity MSCI Information Technology Index ETF	73.13
VGT	Vanguard Information Technology ETF	72.44
IYW	iShares U.S. Technology ETF	72.33
IGPT	Invesco AI and Next Gen Software ETF	71.81
XNTK	SPDR NYSE Technology ETF	71.66
IGM	iShares Expanded Tech Sector ETF	71.45
PNQI	Invesco NASDAQ Internet ETF	71.31
IETC	iShares U.S. Tech Independence Focused ETF	70.73
ITA	iShares U.S. Aerospace & Defense ETF	70.60

Sector & Industry 1 Day Performance Laggards

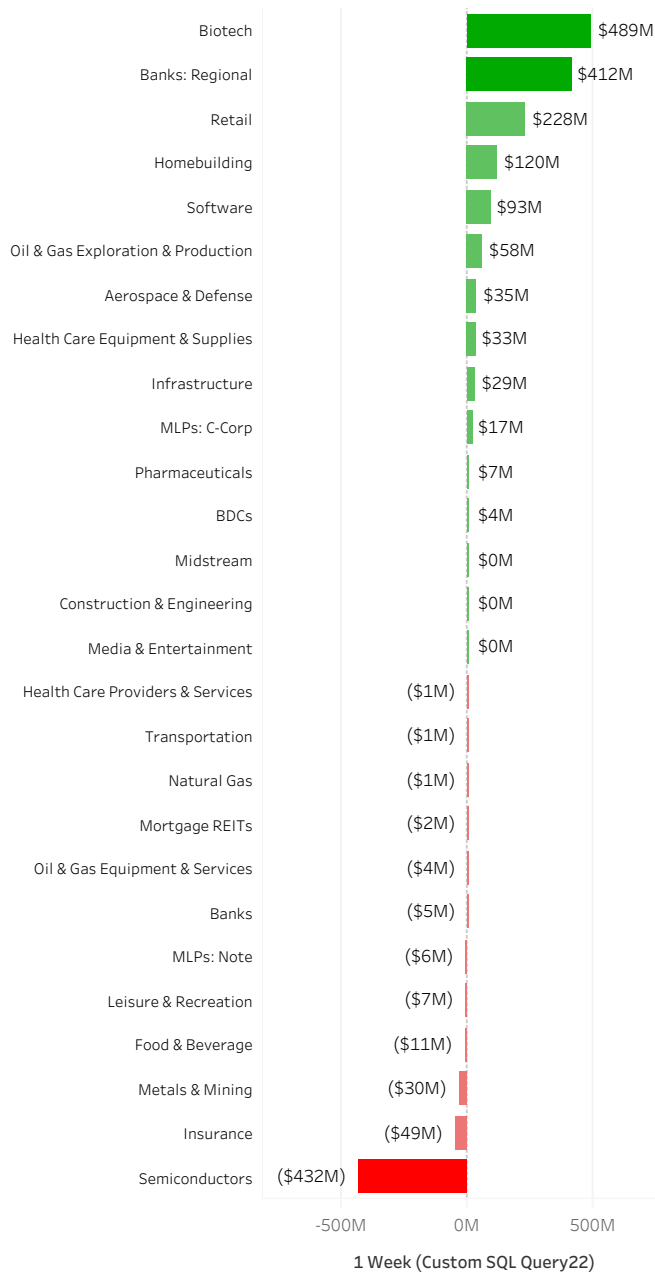
Ticker	Fund	1 Day Performance
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-3.96%
IEZ	iShares U.S. Oil Equipment & Services ETF	-3.84%
PXJ	Invesco Oil & Gas Services ETF	-3.52%
XRT	SPDR S&P Retail ETF	-3.42%
PSCE	Invesco S&P SmallCap Energy ETF	-3.31%
PXI	Invesco Dorsey Wright Energy Momentum ETF	-3.02%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	-2.89%
PXE	Invesco Energy Exploration & Production ETF	-2.82%
FCG	First Trust Natural Gas ETF	-2.58%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	-2.57%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XES	SPDR S&P Oil & Gas Equipment & Services ETF	33.64
IEZ	iShares U.S. Oil Equipment & Services ETF	34.39
PXJ	Invesco Oil & Gas Services ETF	36.00
PSCE	Invesco S&P SmallCap Energy ETF	36.45
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	37.66
VDE	Vanguard Energy ETF	37.76
FCG	First Trust Natural Gas ETF	37.76
FENY	Fidelity MSCI Energy Index ETF	37.87
XLE	Energy Select Sector SPDR Fund	37.93
IYE	iShares U.S. Energy ETF	38.18

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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	\$19B	\$291M	(\$440M)	\$1,182M	\$2,724M
Consumer Discretionary	12	\$26B	\$397M	(\$166M)	\$1,242M	\$1,351M
Consumer Staples	10	\$26B	(\$70M)	(\$3,037M)	(\$3,764M)	(\$1,499M)
Energy	30	\$73B	\$156M	\$1,856M	\$609M	(\$7,659M)
Financials	26	\$54B	\$1,154M	(\$4,849M)	(\$2,249M)	(\$4,255M)
Health Care	23	\$82B	\$700M	(\$3,268M)	(\$4,595M)	(\$8,070M)
Industrial	13	\$33B	(\$341M)	(\$1,238M)	\$760M	\$1,392M
Materials	9	\$12B	(\$89M)	(\$796M)	(\$1,950M)	(\$1,900M)
Multi-Sector	18	\$18B	\$238M	(\$458M)	\$2,212M	\$1,973M
Real Estate	25	\$53B	\$196M	(\$478M)	\$224M	(\$3,229M)
Technology	23	\$162B	\$160M	\$4,015M	\$3,446M	\$2,578M
Utilities	9	\$21B	(\$234M)	(\$1,352M)	(\$2,166M)	(\$1,956M)

U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	\$805M	(\$3,552M)	(\$751M)	(\$1,679M)	\$30,363M
XBI	SPDR S&P BIOTECH ETF	\$519M	\$471M	\$508M	(\$1,177M)	\$6,002M
KRE	SPDR S&P Regional Banking ETF	\$430M	\$149M	(\$270M)	\$425M	\$3,049M
XLK	Technology Select Sector SPDR Fund	\$321M	\$1,173M	\$1,337M	(\$924M)	\$53,919M
XLC	Communication Services Select Sector SPDR Fu..	\$265M	(\$384M)	\$940M	\$2,473M	\$14,633M
XRT	SPDR S&P Retail ETF	\$228M	\$246M	\$206M	\$14M	\$564M
XLV	Health Care Select Sector SPDR Fund	\$218M	(\$1,870M)	(\$2,461M)	(\$2,517M)	\$36,582M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$178M	\$221M	\$978M	\$698M	\$17,305M
IYR	iShares U.S. Real Estate ETF	\$154M	\$38M	\$127M	(\$324M)	\$2,847M
XLE	Energy Select Sector SPDR Fund	\$107M	\$1,372M	\$677M	(\$2,223M)	\$37,692M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SOXX	iShares Semiconductor ETF	(\$410M)	\$169M	\$8M	\$274M	\$9,210M
XLI	Industrial Select Sector SPDR Fund	(\$363M)	(\$849M)	\$534M	(\$209M)	\$14,357M
XLU	Utilities Select Sector SPDR Fund	(\$188M)	(\$577M)	(\$1,249M)	(\$897M)	\$13,439M
IYF	iShares U.S. Financials ETF	(\$54M)	(\$55M)	(\$77M)	(\$293M)	\$1,826M
KIE	SPDR S&P Insurance ETF	(\$46M)	\$60M	\$21M	\$44M	\$583M
VPU	Vanguard Utilities ETF	(\$33M)	(\$310M)	(\$128M)	(\$255M)	\$4,649M
XME	SPDR S&P Metals & Mining ETF	(\$30M)	(\$47M)	(\$202M)	(\$257M)	\$1,716M
VHT	Vanguard Health Care ETF	(\$29M)	(\$708M)	(\$573M)	(\$557M)	\$15,614M
XLB	Materials Select Sector SPDR Fund	(\$28M)	(\$161M)	(\$185M)	(\$137M)	\$5,335M
IAT	iShares U.S. Regional Banks ETF	(\$27M)	(\$59M)	(\$183M)	\$31M	\$621M

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Communication Services



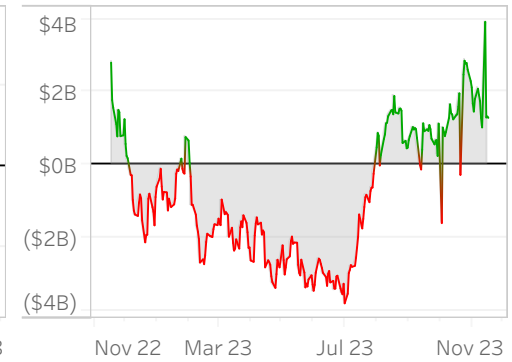
Consumer Discretionary



Consumer Staples



Energy



Financials



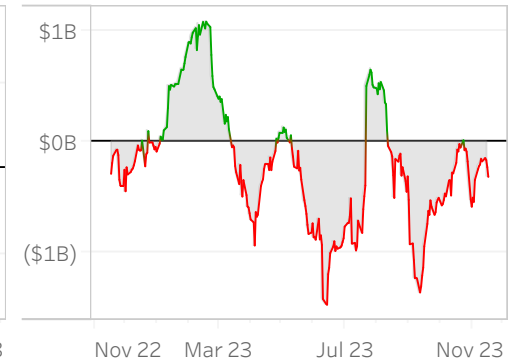
Industrial



Health Care



Materials



Real Estate



Technology



Utilities

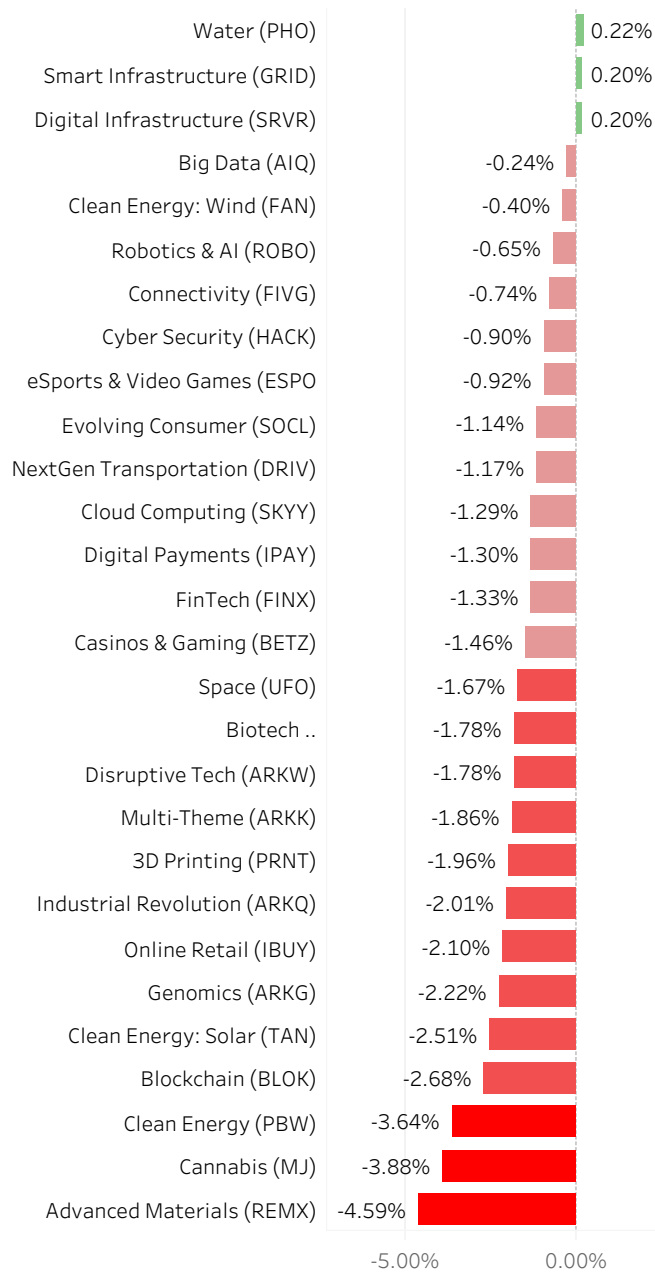


Multi-Sector

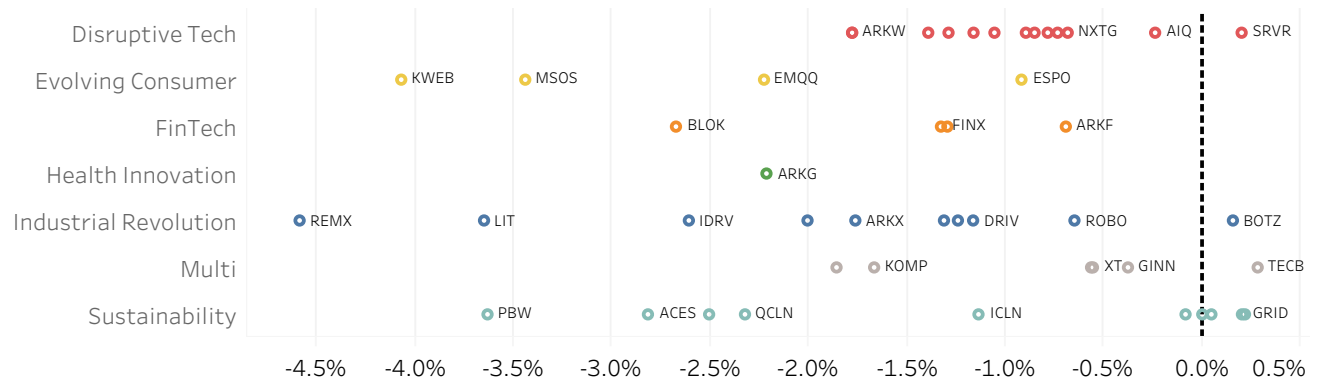


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
AGNG	Global X Aging Population ETF	0.37%
TECB	iShares U.S. Tech Breakthrough Multisector ETF	0.28%
PHO	Invesco Water Resources ETF	0.22%
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure..	0.20%
SRVR	Pacer Data & Infrastructure Real Estate ETF	0.20%
BOTZ	Global X Robotics & Artificial Intelligence ETF	0.16%
FIW	First Trust Water ETF	0.05%
CGW	Invesco S&P Global Water Index ETF	0.00%
PIO	Invesco Global Water ETF	-0.08%
EVX	VanEck Environmental Services ETF	-0.13%

Thematic Most Overbought

Ticker	Fund	Price
PIO	Invesco Global Water ETF	71.88
AIQ	Global X Artificial Intelligence & Technology ETF	70.89
METV	Roundhill Ball Metaverse ETF	70.55
TECB	iShares U.S. Tech Breakthrough Multisector ETF	69.19
BOTZ	Global X Robotics & Artificial Intelligence ETF	69.11
PHO	Invesco Water Resources ETF	68.73
NXTG	First Trust Indxx NextG ETF	68.62
CGW	Invesco S&P Global Water Index ETF	68.52
FIW	First Trust Water ETF	68.21
MILN	Global X Millennial Consumer ETF	67.78

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
MJUS	ETFMG U.S. Alternative Harvest ETF	-4.96%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-4.96%
REMX	VanEck Rare Earth/Strategic Metals ETF	-4.59%
BKCH	Global X Blockchain ETF	-4.38%
DAPP	VanEck Digital Transformation ETF	-4.10%
KWEB	KraneShares CSI China Internet ETF	-4.07%
MJ	ETFMG Alternative Harvest ETF	-3.88%
BITQ	Bitwise Crypto Industry Innovators ETF	-3.83%
LIT	Global X Lithium & Battery Tech ETF	-3.65%
PBW	Invesco WilderHill Clean Energy ETF	-3.64%

Thematic Most Oversold

Ticker	Fund	Price
REMX	VanEck Rare Earth/Strategic Metals ETF	39.83
LIT	Global X Lithium & Battery Tech ETF	42.51
MJ	ETFMG Alternative Harvest ETF	44.16
ACES	ALPS Clean Energy ETF	45.97
MJUS	ETFMG U.S. Alternative Harvest ETF	46.33
BATT	Amplify Lithium & Battery Technology ETF	46.38
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	46.55
SBIO	ALPS Medical Breakthroughs ETF	46.95
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	46.98
PBW	Invesco WilderHill Clean Energy ETF	47.02

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Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$366M
KWEB	KraneShares CSI China Internet ETF	\$69M
TAN	Invesco Solar ETF	\$35M
ARKG	ARK Genomic Revolution ETF	\$19M
AIQ	Global X Artificial Intelligence & Technology ETF	\$15M
TMAT	Main Thematic Innovation ETF	\$15M
FMIL	Fidelity New Millennium ETF	\$7M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$6M
WTAI	WisdomTree Artificial Intelligence and Innovation Fund	\$6M
PBW	Invesco WilderHill Clean Energy ETF	\$5M

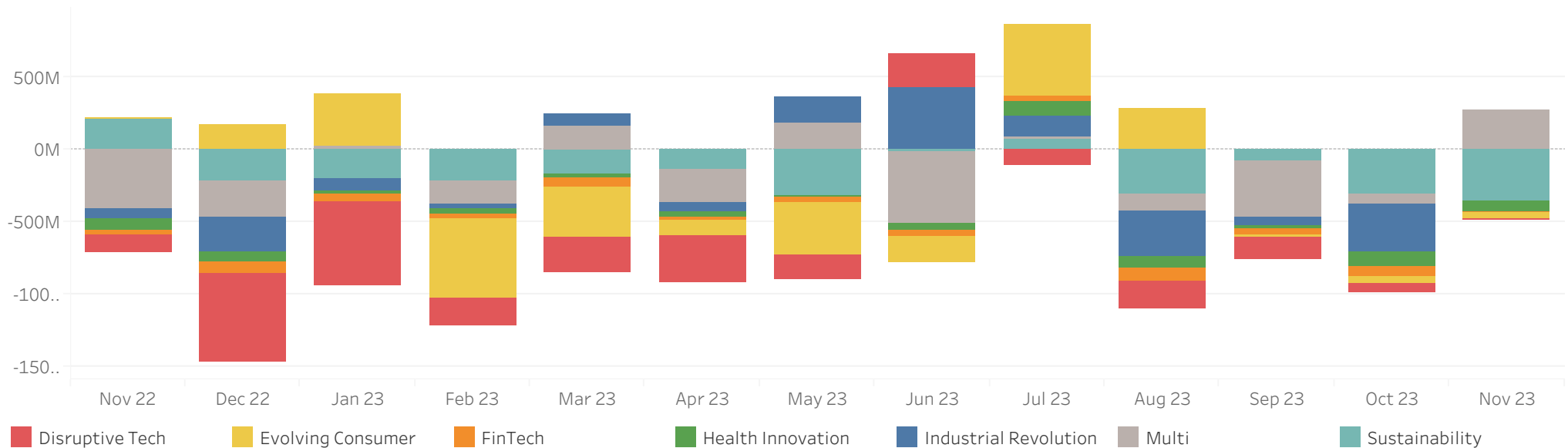
Thematic 1 Week Flow Laggards

Ticker	Fund	
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	(\$96M)
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)
BUG	Global X Cybersecurity ETF	(\$35M)
ICLN	iShares Global Clean Energy ETF	(\$22M)
CLOU	Global X Cloud Computing ETF	(\$18M)
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Security Fund	(\$11M)
PHO	Invesco Water Resources ETF	(\$9M)
REMX	VanEck Rare Earth/Strategic Metals ETF	(\$9M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$17B	(\$70M)	(\$276M)	(\$330M)	(\$2,512M)
Evolving Consumer	37	\$9B	(\$27M)	(\$148M)	\$422M	(\$329M)
FinTech	17	\$3B	(\$26M)	(\$169M)	(\$214M)	(\$529M)
Health Innovation	18	\$2B	(\$49M)	(\$174M)	(\$276M)	(\$526M)
Industrial Revolution	30	\$10B	(\$16M)	(\$455M)	\$101M	(\$336M)
Multi	35	\$15B	\$282M	(\$57M)	(\$655M)	(\$1,502M)
Sustainability	40	\$12B	(\$75M)	(\$826M)	(\$1,164M)	(\$2,076M)
Grand Total	211	\$67B	\$20M	(\$2,106M)	(\$2,117M)	(\$7,810M)

Thematic Monthly Flows

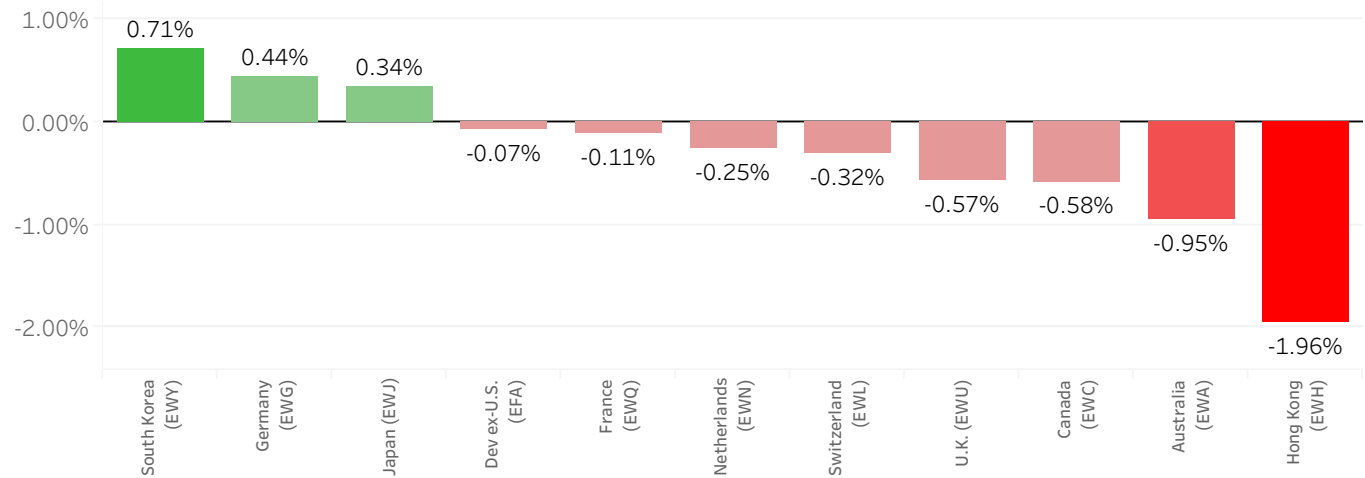


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

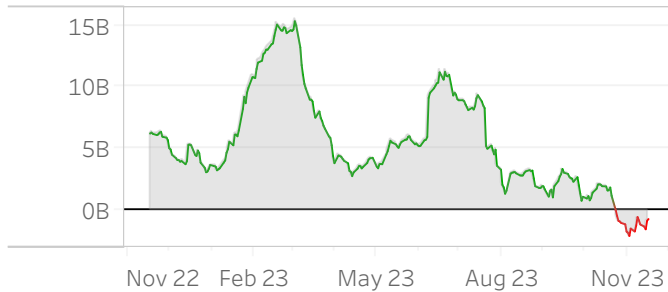
Developed ex-U.S. (EFA)



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



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



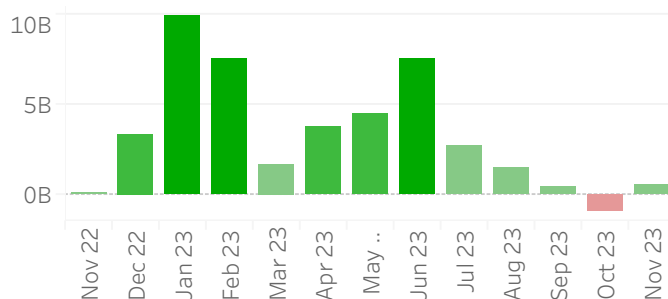
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EIS	iShares MSCI Israel ETF	2.15%
ISRA	VanEck Israel ETF	1.26%
EWP	iShares MSCI Spain ETF	0.93%
FLKR	Franklin FTSE South Korea ETF	0.73%
EWY	iShares MSCI South Korea ETF	0.71%
DAX	Global X DAX Germany ETF	0.66%
EWS	iShares MSCI Singapore ETF	0.56%
IDMO	Invesco S&P International Developed Momentum ETF	0.49%
BBJP	JPMorgan BetaBuilders Japan ETF	0.47%
EWG	iShares MSCI Germany ETF	0.44%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWG	iShares MSCI Germany ETF	74.63
EWN	iShares MSCI Netherlands ETF	74.42
EWP	iShares MSCI Spain ETF	73.79
BKIC	BNY Mellon Concentrated International ETF	73.47
DAX	Global X DAX Germany ETF	73.05
FEZ	SPDR EURO STOXX 50 ETF	72.73
EZU	iShares MSCI Eurozone ETF	72.17
HEZU	iShares Currency Hedged MSCI Eurozone ETF	70.35
EFG	iShares MSCI EAFE Growth ETF	69.98
TOK	iShares MSCI Kokusai ETF	69.20

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
NORW	Global X MSCI Norway ETF	-2.43%
ENZL	iShares MSCI New Zealand ETF	-1.97%
EWH	iShares MSCI Hong Kong ETF	-1.96%
AIA	iShares Asia 50 ETF	-1.76%
IEUS	iShares MSCI Europe Small-Cap ETF	-1.52%
DFE	WisdomTree Europe SmallCap Dividend Fund	-1.45%
EWD	iShares MSCI Sweden ETF	-1.34%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-1.12%
EIRL	iShares MSCI Ireland ETF	-1.11%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	-1.10%

Developed ex-U.S. Most Oversold

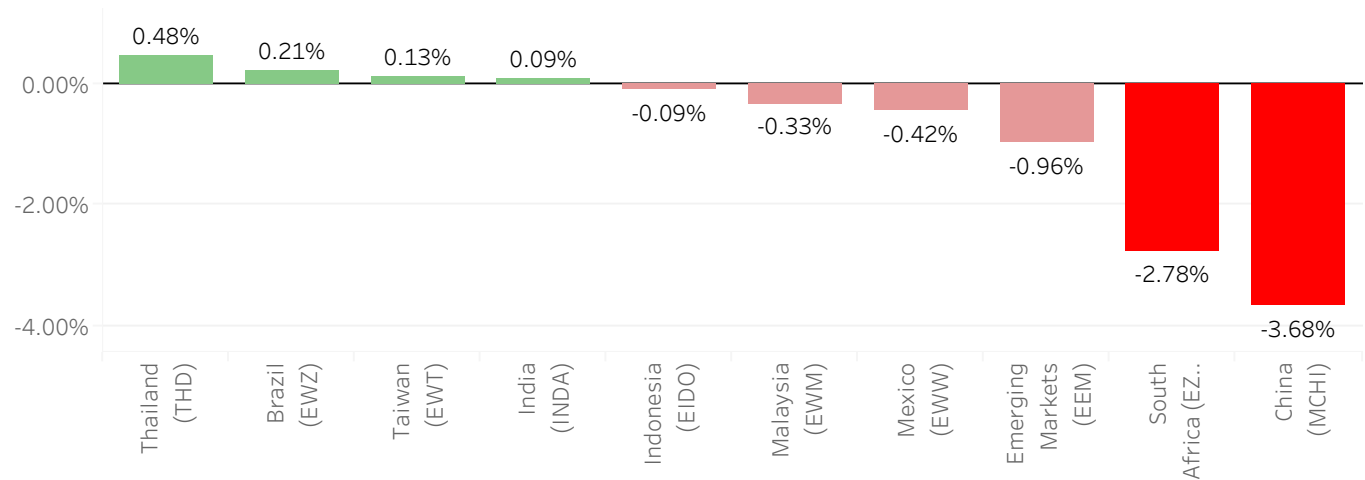
Ticker	Fund	Value
DFJ	WisdomTree Japan SmallCap Dividend Fund	50.43
NORW	Global X MSCI Norway ETF	51.07
SCJ	iShares MSCI Japan Small-Cap ETF	51.35
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	52.03
EWJV	iShares MSCI Japan Value ETF	52.19
EWS	iShares MSCI Singapore ETF	52.19
FYLD	Cambria Foreign Shareholder Yield ETF	52.67
FJP	First Trust Japan AlphaDEX Fund	52.88
ICOW	Pacer Developed Markets International Cash Cows 1..	53.53
ENZL	iShares MSCI New Zealand ETF	54.11

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Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



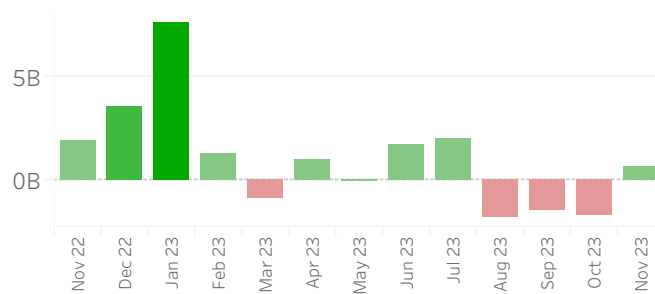
Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
TUR	iShares MSCI Turkey ETF	1.14%
EPOL	iShares MSCI Poland ETF	0.94%
SMIN	iShares MSCI India Small Cap ETF	0.70%
EPHE	iShares MSCI Philippines ETF	0.53%
THD	iShares MSCI Thailand ETF	0.48%
DGRE	WisdomTree Emerging Markets Quality Dividend Growt..	0.44%
EPU	iShares MSCI Peru and Global Exposure ETF	0.40%
EWZS	iShares MSCI Brazil Small-Cap ETF	0.35%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	0.35%
EWZ	iShares MSCI Brazil ETF	0.21%

Emerging Most Overbought

Ticker	Fund	Value
FLLA	Franklin FTSE Latin America ETF	72.22
FLBR	Franklin FTSE Brazil ETF	72.14
EWZ	iShares MSCI Brazil ETF	71.63
EPOL	iShares MSCI Poland ETF	70.84
FRDM	Freedom 100 Emerging Markets ETF	69.84
ILF	iShares Latin America 40 ETF	69.63
FLTW	Franklin FTSE Taiwan ETF	69.56
GLIN	VanEck India Growth Leaders ETF	69.43
EWT	iShares MSCI Taiwan ETF	69.37
EWW	iShares MSCI Mexico ETF	68.26

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
FXI	iShares China Large-Cap ETF	-4.08%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-3.80%
MCHI	iShares MSCI China ETF	-3.68%
FLCH	Franklin FTSE China ETF	-3.47%
GXC	SPDR S&P China ETF	-3.25%
PGJ	Invesco Golden Dragon China ETF	-2.96%
ECNS	iShares MSCI China Small-Cap ETF	-2.81%
EZA	iShares MSCI South Africa ETF	-2.78%
BKF	iShares MSCI BIC ETF	-2.04%
KBA	KraneShares Boser MSCI China A 50 Connect Index ETF	-1.91%

Emerging Most Oversold

Ticker	Fund	Value
RAYC	Rayliant Quantamental China Equity ETF	41.20
KBA	KraneShares Boser MSCI China A 50 Connect Index ..	43.81
TUR	iShares MSCI Turkey ETF	45.25
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	45.87
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	47.83
CNYA	iShares MSCI China A ETF	48.33
FXI	iShares China Large-Cap ETF	49.34
ECNS	iShares MSCI China Small-Cap ETF	50.57
FLCH	Franklin FTSE China ETF	51.11
GXC	SPDR S&P China ETF	51.19

*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	0.55%	2.39%	0.62%
SHY	1-3 Year Treasury Bonds	0.17%	0.85%	2.64%
IEF	7-10 Year Treasury Bonds	0.75%	2.23%	-1.13%
TLT	20+ Year Treasury Bonds	1.24%	4.32%	-7.44%
TIP	TIPS Bonds	0.37%	1.42%	0.53%
FLOT	Floating Rate Bonds	0.04%	0.56%	5.67%
LQD	Investment Grade Corporate	0.82%	3.76%	2.17%
HYG	High Yield Corporate	0.13%	3.12%	6.50%
BKLN	Senior Loan	0.00%	0.63%	10.15%
PFF	Preferred & Income Securities	0.18%	4.72%	4.23%
MUB	Municipal Bonds	0.36%	2.69%	1.51%
MBB	MBS	0.64%	3.00%	-0.41%
EMB	Dollar Denominated EM Bonds	0.83%	3.82%	3.42%
LEMB	Local Currency EM Bond	0.25%	4.32%	3.60%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-1.79%	-3.13%	-7.27%
DBE	Energy	-4.16%	-10.14%	-8.56%
USO	WTI Crude Oil	-4.61%	-13.19%	-2.94%
BNO	Brent Crude Oil	-4.35%	-12.43%	-2.86%
UNG	Natural Gas	-2.90%	-12.50%	-54.82%
UGA	Gasoline	-4.50%	-7.37%	-0.43%
DBP	Precious Metals	1.07%	3.59%	5.73%
GLD	Gold	1.13%	3.22%	8.28%
SLV	Silver	1.45%	5.22%	-1.18%
PPLT	abrdn Physical Platin..	-0.33%	0.34%	-16.74%
PALL	abrdn Physical Palla..	0.64%	-9.43%	-41.86%
DBB	Base Metals	-1.06%	3.26%	-4.01%
CPER	Copper	-0.56%	3.65%	-0.39%
DBA	Agriculture	-0.76%	1.79%	9.78%
CORN	Corn	0.63%	-1.55%	-17.30%
SOYB	Soybeans	-1.77%	3.93%	-0.55%
WEAT	Wheat	-1.41%	-3.61%	-29.82%
CANE	Sugar	-0.08%	0.52%	58.43%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.07%	-1.14%	5.93%
UDN	Short Dollar	0.10%	2.17%	1.45%
FXE	Euro	0.05%	2.93%	2.76%
FXB	British Pound Sterling	-0.03%	1.81%	5.26%
FXF	Swiss Franc	-0.09%	1.21%	3.71%
FXJ	Japanese Yen	0.51%	-0.87%	-13.39%
FXC	Canadian Dollar	-0.51%	-0.82%	0.26%
FXA	Australian Dollar	-0.73%	2.04%	-4.14%

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Contact us at:

team@etfaction.com

www.etfaction.com