

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

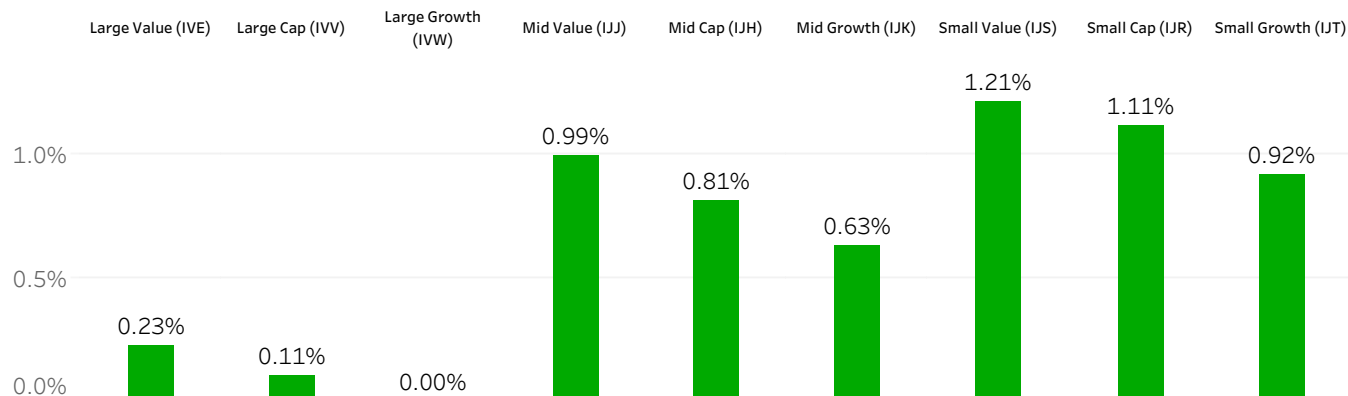


Small Cap Blend (S&P 600) IJR



■ 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
IWC	iShares Micro-Cap ETF	2.06%
WBIY	WBI Power Factor High Dividend ETF	1.85%
AVUV	Avantis U.S. Small Cap Value ETF	1.76%
BKSE	BNY Mellon US Small Cap Core Equity ETF	1.75%
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	1.69%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	1.69%
RFV	Invesco S&P Midcap 400 Pure Value ETF	1.68%
DWAS	Invesco Dorsey Wright SmallCap Momentum ETF	1.61%
RYJ	Invesco Raymond James SB-1 Equity ETF	1.61%
AVSC	Avantis U.S Small Cap Equity ETF	1.57%

Size & Style Most Overbought

Ticker	Fund	Value
PWB	Invesco Large Cap Growth ETF	73.74
MBCC	Monarch Blue Chips Core ETF	72.86
LCG	Sterling Capital Focus Equity ETF	72.38
MMTM	SPDR S&P 1500 Momentum Tilt ETF	70.97
CGGR	Capital Group Growth ETF	70.91
USXF	iShares ESG Advanced MSCI USA ETF	70.86
VOOV	Vanguard S&P 500 Value ETF	70.77
PTNQ	Pacer Trendpilot 100 ETF	70.56
MTUM	iShares MSCI USA Momentum Factor ETF	70.45
IVE	iShares S&P 500 Value ETF	70.43

Size & Style 1-Day Performance Laggards

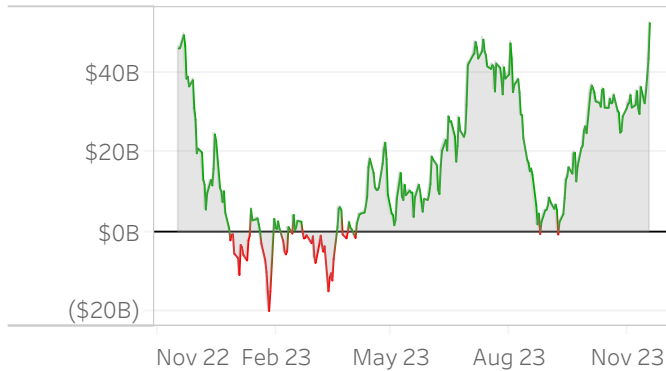
Ticker	Fund	Performance
FDLO	Fidelity Low Volatility Factor ETF	-0.27%
MGK	Vanguard Mega Cap Growth ETF	-0.21%
NULG	Nuveen ESG Large-Cap Growth ETF	-0.20%
ZECP	Zacks Earnings Consistent Portfolio ETF	-0.20%
SPUS	SP Funds S&P 500 Sharia Industry Exclusions ETF	-0.18%
SUSL	iShares ESG MSCI USA Leaders ETF	-0.18%
DSI	iShares MSCI KLD 400 Social ETF	-0.17%
USSG	Xtrackers MSCI USA ESG Leaders Equity ETF	-0.17%
IWY	iShares Russell Top 200 Growth ETF	-0.16%
VSMV	VictoryShares US Multi-Factor Minimum Volatility ETF	-0.12%

Size & Style Most Oversold

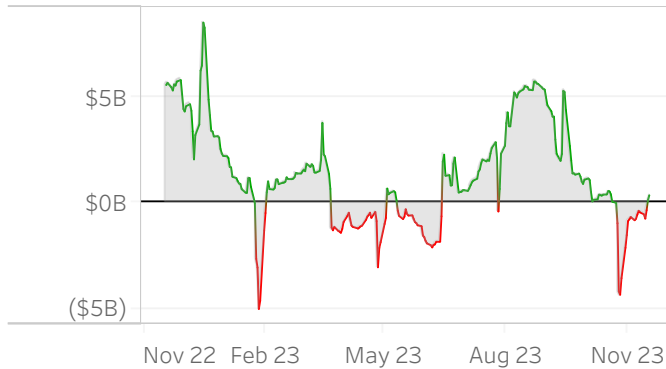
Ticker	Fund	Value
PTMC	Pacer Trendpilot US Mid Cap ETF	39.11
ALTL	Pacer Lunt Large Cap Alternator ETF	48.30
ONOF	Global X Adaptive U.S. Risk Management ETF	51.47
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	52.11
TPLE	Timothy Plan Us Large/Mid Cap Core Enhanced ETF	52.33
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	52.79
HDV	iShares Core High Dividend ETF	53.59
LSAT	Leadershares Alphafactor Tactical Focused ETF	54.00
DURA	VanEck Durable High Dividend ETF	54.58
RFG	Invesco S&P Midcap 400 Pure Growth ETF	55.21

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

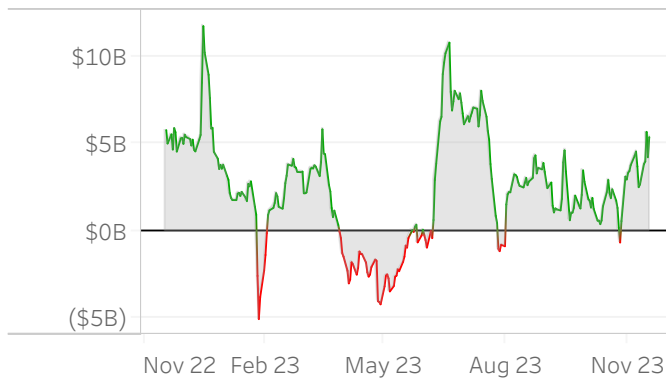
Large-Cap 30-Day Rolling Flows



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	\$1,535B	\$14.60B	\$55.21B	\$97.85B	\$85.34B
Large Cap, Beta, Beta: Growth	10	\$302B	\$1.36B	\$11.91B	\$13.33B	\$18.73B
Large Cap, Beta, Beta: Value	11	\$222B	\$0.61B	\$1.70B	\$2.65B	(\$6.24B)
Mid Cap, Beta, Beta	10	\$191B	\$0.24B	\$1.45B	\$6.88B	\$9.29B
Mid Cap, Beta, Beta: Growth	6	\$35B	\$0.06B	\$0.12B	\$0.86B	\$0.45B
Mid Cap, Beta, Beta: Value	6	\$37B	(\$0.01B)	(\$1.05B)	(\$1.65B)	(\$2.52B)
Small Cap, Beta, Beta	11	\$197B	\$1.57B	\$3.53B	\$10.82B	\$10.40B
Small Cap, Beta, Beta: Growth	7	\$32B	\$0.09B	\$0.77B	\$1.07B	\$1.23B
Small Cap, Beta, Beta: Value	7	\$47B	\$0.06B	(\$0.47B)	(\$0.96B)	(\$1.43B)

U.S. Size & Style Flow Leaders

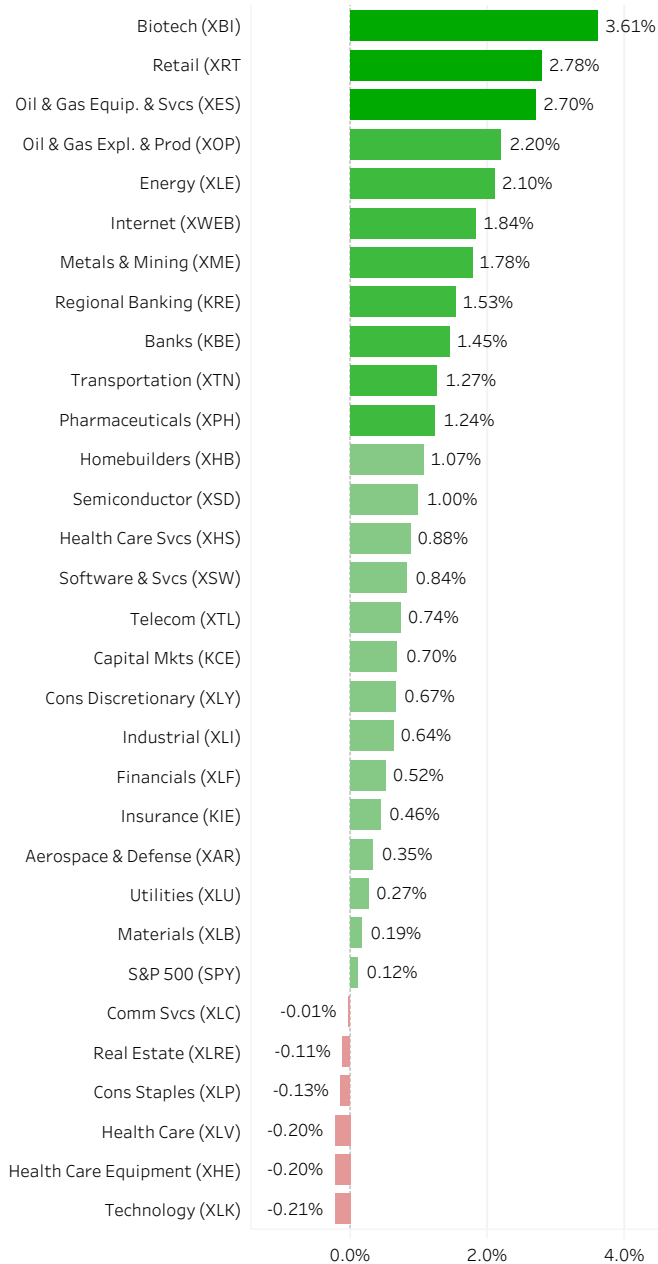
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$5.75B	\$10.25B	\$9.27B	\$1.79B	\$428.73B
QQQ	Invesco QQQ Trust Series I	\$5.33B	\$8.43B	\$12.48B	\$4.96B	\$219.71B
IWM	iShares Russell 2000 ETF	\$1.66B	\$2.29B	\$3.45B	\$0.30B	\$53.34B
VOO	Vanguard S&P 500 ETF	\$1.63B	\$11.24B	\$28.63B	\$34.81B	\$348.04B
IVV	iShares Core S&P 500 ETF	\$0.90B	\$16.50B	\$34.01B	\$26.99B	\$370.41B
VTI	Vanguard Total Stock Market ETF	\$0.84B	\$6.01B	\$11.93B	\$19.42B	\$322.12B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.65B	(\$0.85B)	\$8.42B	\$8.21B	\$41.00B
IWF	iShares Russell 1000 Growth ETF	\$0.34B	\$2.86B	\$2.65B	\$0.07B	\$76.81B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.33B	(\$0.42B)	\$0.24B	(\$1.88B)	\$29.49B
USMV	iShares MSCI USA Min Vol Factor ETF	\$0.31B	(\$0.18B)	(\$0.60B)	(\$2.23B)	\$28.75B

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	(\$0.12B)	(\$0.06B)	\$1.95B	\$2.29B	\$66.91B
SDY	SPDR S&P Dividend ETF	(\$0.10B)	(\$0.99B)	(\$1.60B)	(\$1.85B)	\$19.88B
VYM	Vanguard High Dividend Yield Index ETF	(\$0.09B)	(\$0.10B)	(\$0.17B)	(\$0.44B)	\$47.84B
FVD	First Trust Value Line Dividend Index Fund	(\$0.06B)	(\$0.80B)	(\$1.09B)	(\$1.40B)	\$10.56B
GSLC	Goldman Sachs ActiveBeta U.S. Large Cap Eq..	(\$0.06B)	(\$0.52B)	(\$0.72B)	(\$0.99B)	\$10.91B
FDL	First Trust Morningstar Dividend Leaders Ind..	(\$0.06B)	(\$0.34B)	(\$0.84B)	\$0.00B	\$3.86B
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	(\$0.05B)	\$0.32B	\$1.18B	\$2.53B	\$4.83B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.05B)	(\$0.90B)	(\$1.57B)	(\$3.83B)	\$8.22B
FTCS	First Trust Capital Strength ETF	(\$0.05B)	(\$0.33B)	(\$0.57B)	(\$0.24B)	\$8.40B

* 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	-0.01%	50.11%	4.72%	11.54%	66.41
XLK	Technology Select Sector SPDR Fund	-0.21%	50.85%	8.08%	13.16%	72.94
SPY	SPDR S&P 500 ETF Trust	-1.53%	19.68%	4.17%	5.77%	69.52
XLI	Industrial Select Sector SPDR Fund	-4.64%	9.51%	3.84%	2.79%	69.11
XLF	Financial Select Sector SPDR Fund	-5.38%	13.01%	4.67%	4.40%	70.76
XLY	Consumer Discretionary Select Sector SPDR Fund	-5.55%	32.38%	3.81%	5.88%	63.14
XLB	Materials Select Sector SPDR Fund	-6.36%	7.80%	2.69%	0.26%	62.91
XLV	Health Care Select Sector SPDR Fund	-8.46%	4.15%	-0.48%	-1.95%	52.49
XLE	Energy Select Sector SPDR Fund	-9.29%	10.58%	-3.84%	0.09%	45.66
XLP	Consumer Staples Select Sector SPDR Fund	-10.34%	4.94%	0.94%	-4.56%	56.14
XLRE	Real Estate Select Sector SPDR Fund	-14.01%	11.74%	4.65%	-1.54%	63.07
XLU	Utilities Select Sector SPDR Fund	-14.28%	10.86%	2.96%	-3.96%	60.12

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XBI	SPDR S&P BIOTECH ETF	3.61%
PSCE	Invesco S&P SmallCap Energy ETF	3.04%
XRT	SPDR S&P Retail ETF	2.78%
PXI	Invesco Dorsey Wright Energy Momentum ETF	2.75%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	2.70%
PXJ	Invesco Oil & Gas Services ETF	2.40%
AMLP	Alerian MLP ETF	2.30%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	2.25%
FCG	First Trust Natural Gas ETF	2.24%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	2.20%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
FTEC	Fidelity MSCI Information Technology Index ETF	73.00
XLK	Technology Select Sector SPDR Fund	72.94
VGT	Vanguard Information Technology ETF	72.54
IGPT	Invesco AI and Next Gen Software ETF	72.48
XNTK	SPDR NYSE Technology ETF	72.30
IGM	iShares Expanded Tech Sector ETF	71.54
IYW	iShares U.S. Technology ETF	71.36
ITB	iShares U.S. Home Construction ETF	71.33
IETC	iShares U.S. Tech Independence Focused ETF	71.31
QTEC	First Trust NASDAQ-100 Technology Sector Index Fund	71.20

Sector & Industry 1 Day Performance Laggards

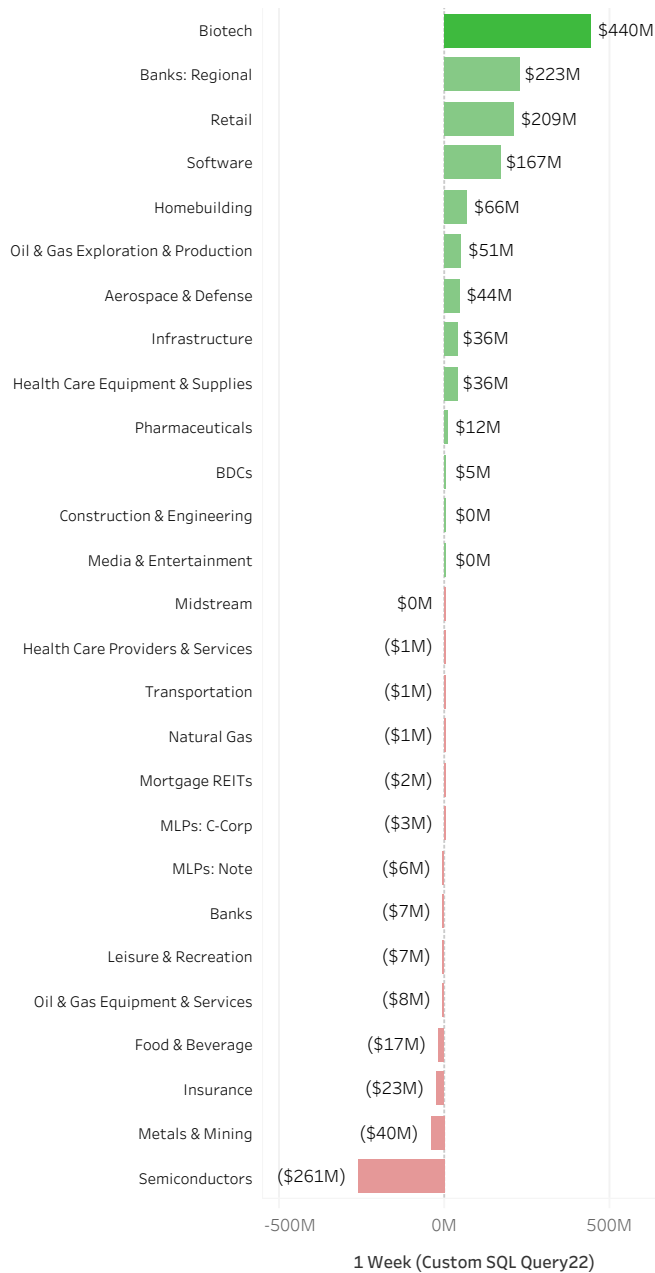
Ticker	Fund	1 Day Performance
IHI	iShares U.S. Medical Devices ETF	-0.35%
JPRE	JPMorgan Realty Income ETF	-0.32%
REZ	iShares Residential and Multisector Real Estate ETF	-0.30%
RSPH	Invesco S&P 500 Equal Weight Health Care ETF	-0.30%
RSPR	Invesco S&P 500 Equal Weight Real Estate ETF	-0.22%
ICF	iShares Cohen & Steers REIT ETF	-0.21%
XLK	Technology Select Sector SPDR Fund	-0.21%
XHE	SPDR S&P Health Care Equipment ETF	-0.20%
XLV	Health Care Select Sector SPDR Fund	-0.20%
IYR	iShares U.S. Real Estate ETF	-0.20%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XES	SPDR S&P Oil & Gas Equipment & Services ETF	40.81
IEZ	iShares U.S. Oil Equipment & Services ETF	41.06
PXJ	Invesco Oil & Gas Services ETF	43.42
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	44.38
FCG	First Trust Natural Gas ETF	44.83
PSCE	Invesco S&P SmallCap Energy ETF	44.91
FTXN	First Trust Nasdaq Oil & Gas ETF	45.29
VDE	Vanguard Energy ETF	45.31
IYE	iShares U.S. Energy ETF	45.56
FENY	Fidelity MSCI Energy Index ETF	45.57

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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	\$183M	(\$539M)	\$1,019M	\$2,731M
Consumer Discretionary	12	\$26B	\$462M	(\$58M)	\$1,134M	\$1,510M
Consumer Staples	10	\$26B	(\$181M)	(\$3,067M)	(\$3,758M)	(\$1,610M)
Energy	30	\$71B	(\$96M)	\$2,174M	(\$45M)	(\$7,717M)
Financials	26	\$54B	\$1,145M	(\$4,618M)	(\$2,525M)	(\$4,131M)
Health Care	23	\$82B	\$622M	(\$3,157M)	(\$4,741M)	(\$8,130M)
Industrial	13	\$33B	(\$390M)	(\$1,285M)	\$735M	\$1,341M
Materials	9	\$12B	(\$120M)	(\$796M)	(\$1,879M)	(\$1,880M)
Multi-Sector	18	\$18B	\$174M	(\$404M)	\$2,120M	\$1,915M
Real Estate	25	\$53B	\$185M	(\$313M)	\$292M	(\$3,235M)
Technology	23	\$163B	\$525M	\$4,422M	\$3,584M	\$2,924M
Utilities	9	\$21B	(\$278M)	(\$1,387M)	(\$2,143M)	(\$1,858M)

U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	\$781M	(\$3,323M)	(\$774M)	(\$1,828M)	\$30,437M
XBI	SPDR S&P BIOTECH ETF	\$465M	\$539M	\$663M	(\$1,202M)	\$5,864M
XLK	Technology Select Sector SPDR Fund	\$412M	\$1,397M	\$1,962M	(\$839M)	\$54,301M
XLV	Consumer Discretionary Select Sector SPDR Fu..	\$261M	\$336M	\$971M	\$781M	\$17,213M
VFH	Vanguard Financials ETF	\$248M	(\$440M)	\$296M	(\$487M)	\$8,330M
KRE	SPDR S&P Regional Banking ETF	\$241M	\$48M	(\$733M)	\$493M	\$2,820M
XRT	SPDR S&P Retail ETF	\$209M	\$230M	\$89M	\$82M	\$526M
XLV	Health Care Select Sector SPDR Fund	\$192M	(\$1,923M)	(\$2,755M)	(\$2,556M)	\$36,705M
IGV	iShares Expanded Tech-Software Sector ETF	\$168M	\$349M	\$708M	\$775M	\$7,248M
XLC	Communication Services Select Sector SPDR Fu..	\$146M	(\$496M)	\$809M	\$2,463M	\$14,578M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLI	Industrial Select Sector SPDR Fund	(\$405M)	(\$886M)	\$508M	(\$236M)	\$14,317M
SOXX	iShares Semiconductor ETF	(\$231M)	\$253M	\$55M	\$416M	\$9,399M
XLU	Utilities Select Sector SPDR Fund	(\$229M)	(\$614M)	(\$1,220M)	(\$795M)	\$13,472M
XLE	Energy Select Sector SPDR Fund	(\$113M)	\$1,754M	(\$41M)	(\$2,323M)	\$36,752M
XLP	Consumer Staples Select Sector SPDR Fund	(\$88M)	(\$1,120M)	(\$1,547M)	(\$133M)	\$15,525M
IYF	iShares U.S. Financials ETF	(\$54M)	(\$55M)	(\$70M)	(\$293M)	\$1,831M
XLB	Materials Select Sector SPDR Fund	(\$48M)	(\$157M)	(\$197M)	(\$121M)	\$5,329M
XME	SPDR S&P Metals & Mining ETF	(\$40M)	(\$57M)	(\$153M)	(\$263M)	\$1,697M
VHT	Vanguard Health Care ETF	(\$35M)	(\$695M)	(\$573M)	(\$569M)	\$15,647M
VPU	Vanguard Utilities ETF	(\$33M)	(\$303M)	(\$128M)	(\$255M)	\$4,671M

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Communication Services



Consumer Discretionary



Consumer Staples



Energy



Financials



Industrial



Health Care



Materials



Real Estate



Technology



Utilities

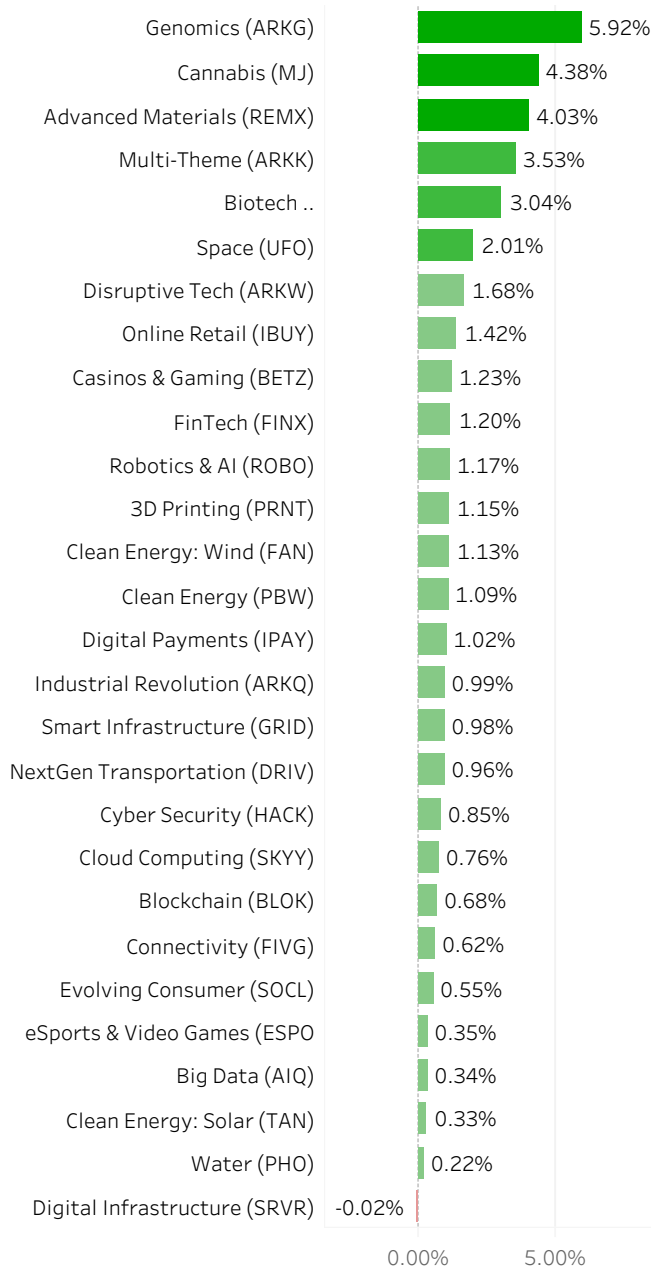


Multi-Sector

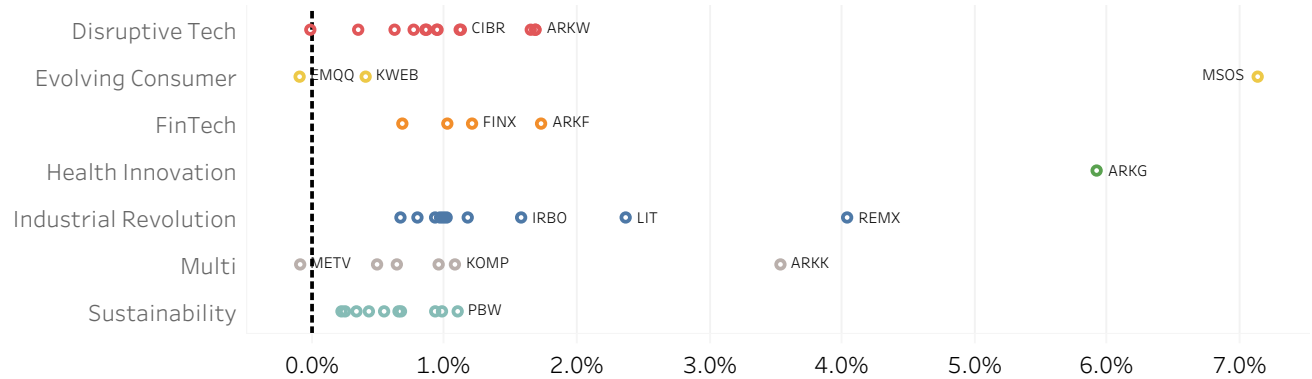


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
MJUS	ETFMG U.S. Alternative Harvest ETF	8.55%
MSOS	AdvisorShares Pure US Cannabis ETF	7.13%
ARKG	ARK Genomic Revolution ETF	5.92%
MJ	ETFMG Alternative Harvest ETF	4.38%
IDNA	iShares Genomics Immunology and Healthcare ETF	4.31%
REMX	VanEck Rare Earth/Strategic Metals ETF	4.03%
GNOM	Global X Genomics & Biotechnology ETF	3.87%
ARKK	ARK Innovation ETF	3.53%
SBIO	ALPS Medical Breakthroughs ETF	3.04%
LIT	Global X Lithium & Battery Tech ETF	2.36%

Thematic Most Overbought

Ticker	Fund	Price
PIO	Invesco Global Water ETF	73.15
AIQ	Global X Artificial Intelligence & Technology ETF	71.67
NXTG	First Trust Indxx NextG ETF	71.28
BOTZ	Global X Robotics & Artificial Intelligence ETF	70.57
TECB	iShares U.S. Tech Breakthrough Multisector ETF	70.39
CGW	Invesco S&P Global Water Index ETF	70.12
METV	Roundhill Ball Metaverse ETF	70.09
ARKF	ARK Fintech Innovation ETF	70.03
PHO	Invesco Water Resources ETF	69.31
AWAY	ETFMG Travel Tech ETF	69.22

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce E..	-0.10%
METV	Roundhill Ball Metaverse ETF	-0.09%
SRVR	Pacer Data & Infrastructure Real Estate ETF	-0.02%
HERO	Global X Video Games & Esports ETF	0.05%
MILN	Global X Millennial Consumer ETF	0.09%
PHO	Invesco Water Resources ETF	0.22%
SAMT	Strategas Macro Thematic Opportunities ETF	0.24%
FIW	First Trust Water ETF	0.24%
GBUY	Goldman Sachs Future Consumer Equity ETF	0.25%
TAN	Invesco Solar ETF	0.33%

Thematic Most Oversold

Ticker	Fund	Price
ACES	ALPS Clean Energy ETF	46.64
LIT	Global X Lithium & Battery Tech ETF	48.21
REMX	VanEck Rare Earth/Strategic Metals ETF	48.48
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	48.49
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	48.55
PBW	Invesco WilderHill Clean Energy ETF	48.68
KGRN	KraneShares MSCI China Clean Technology Index ETF	48.70
BATT	Amplify Lithium & Battery Technology ETF	49.28
CTEC	Global X CleanTech ETF	50.44
MJ	ETFMG Alternative Harvest ETF	50.47

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Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$324M
KWEB	KraneShares CSI China Internet ETF	\$161M
TAN	Invesco Solar ETF	\$56M
ARKG	ARK Genomic Revolution ETF	\$32M
AIQ	Global X Artificial Intelligence & Technology ETF	\$15M
TMAT	Main Thematic Innovation ETF	\$15M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$13M
FIW	First Trust Water ETF	\$8M
FMIL	Fidelity New Millennium ETF	\$7M
IZRL	ARK Israel Innovative Technology ETF	\$6M

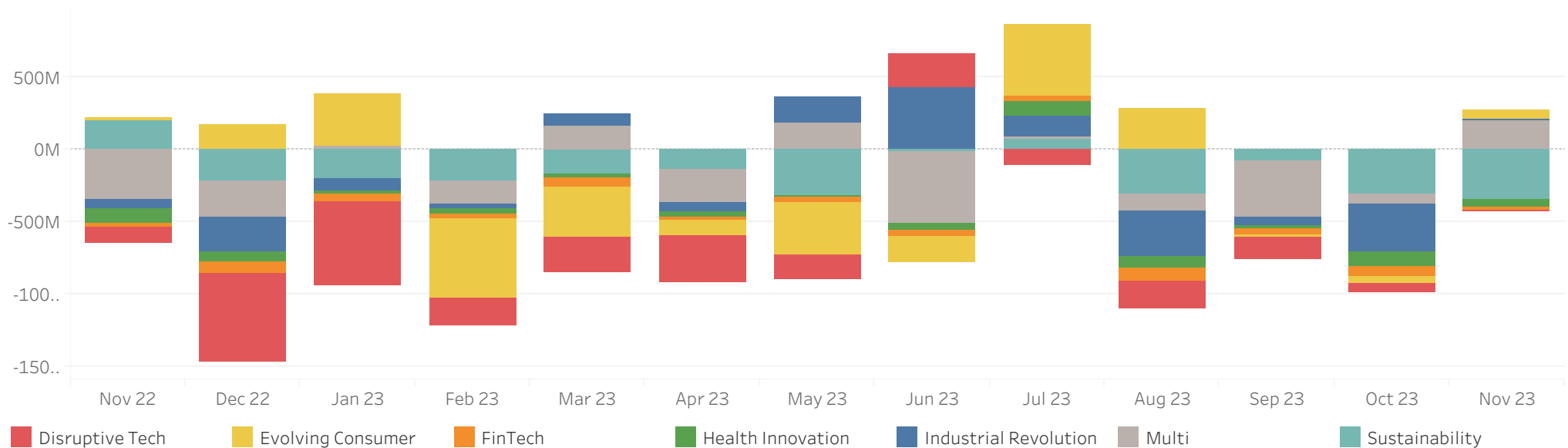
Thematic 1 Week Flow Laggards

Ticker	Fund	
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)
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	(\$69M)
BUG	Global X Cybersecurity ETF	(\$35M)
CLOU	Global X Cloud Computing ETF	(\$18M)
ICLN	iShares Global Clean Energy ETF	(\$16M)
REMX	VanEck Rare Earth/Strategic Metals ETF	(\$12M)
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Security Fund	(\$11M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$9M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$16B	(\$81M)	(\$274M)	(\$325M)	(\$2,513M)
Evolving Consumer	37	\$9B	\$65M	(\$46M)	\$515M	(\$230M)
FinTech	17	\$2B	(\$25M)	(\$148M)	(\$208M)	(\$526M)
Health Innovation	18	\$2B	(\$44M)	(\$173M)	(\$256M)	(\$544M)
Industrial Revolution	30	\$10B	(\$12M)	(\$432M)	\$91M	(\$318M)
Multi	35	\$14B	\$229M	(\$82M)	(\$757M)	(\$1,496M)
Sustainability	40	\$12B	(\$60M)	(\$795M)	(\$1,115M)	(\$2,068M)
Grand Total	211	\$66B	\$72M	(\$1,951M)	(\$2,055M)	(\$7,695M)

Thematic Monthly Flows

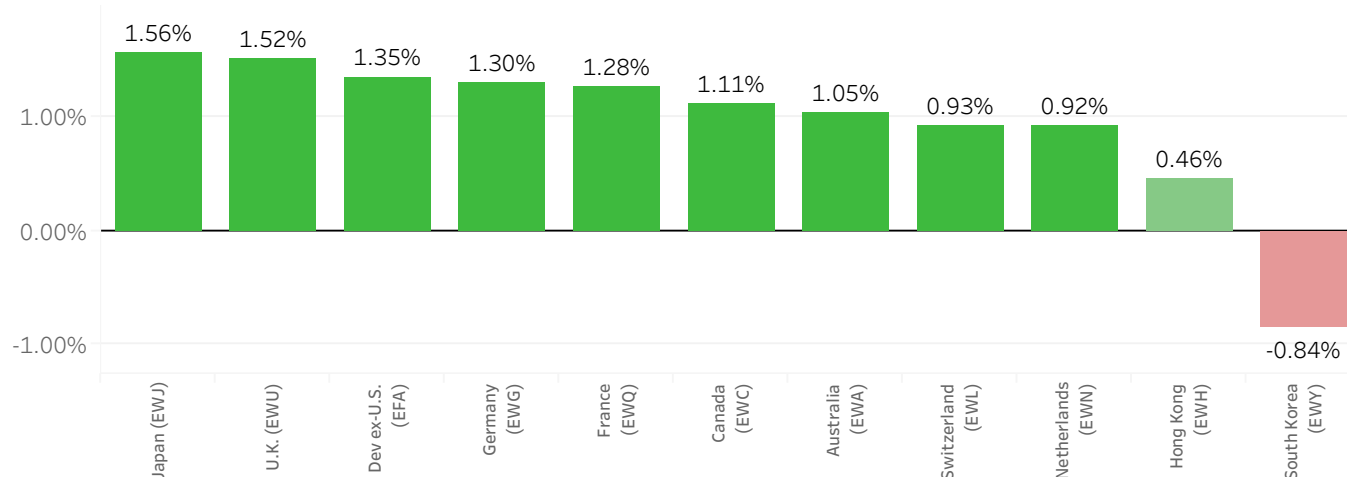


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Developed ex-U.S. (EFA)



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



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



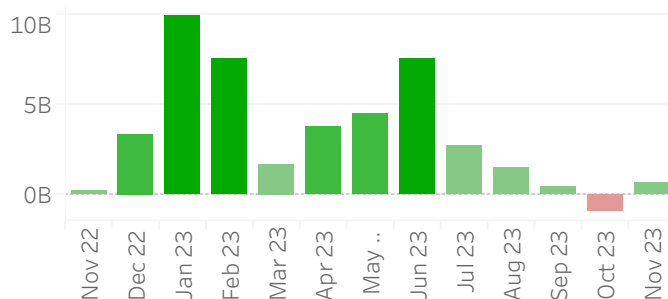
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWJV	iShares MSCI Japan Value ETF	2.40%
FYLD	Cambria Foreign Shareholder Yield ETF	2.26%
NORW	Global X MSCI Norway ETF	2.11%
DFJ	WisdomTree Japan SmallCap Dividend Fund	2.00%
DFE	WisdomTree Europe SmallCap Dividend Fund	1.99%
EWD	iShares MSCI Sweden ETF	1.96%
IVAL	Alpha Architect International Quantitative Value ETF	1.91%
EDEN	iShares MSCI Denmark ETF	1.88%
IEUS	iShares MSCI Europe Small-Cap ETF	1.86%
FEP	First Trust Europe AlphaDEX Fund	1.84%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWG	iShares MSCI Germany ETF	77.50
BKCI	BNY Mellon Concentrated International ETF	76.99
EWP	iShares MSCI Spain ETF	76.57
EWN	iShares MSCI Netherlands ETF	76.23
DAX	Global X DAX Germany ETF	75.79
FEZ	SPDR EURO STOXX 50 ETF	75.78
EZU	iShares MSCI Eurozone ETF	75.33
EWO	iShares MSCI Austria ETF	73.82
EFG	iShares MSCI EAFE Growth ETF	73.28
HEZU	iShares Currency Hedged MSCI Eurozone ETF	73.03

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWY	iShares MSCI South Korea ETF	-0.84%
FLKR	Franklin FTSE South Korea ETF	-0.70%
AIA	iShares Asia 50 ETF	0.09%
MINV	Matthews Asia Innovators Active ETF	0.15%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	0.17%
ENZL	iShares MSCI New Zealand ETF	0.18%
TOK	iShares MSCI Tokusai ETF	0.46%
EWY	iShares MSCI Hong Kong ETF	0.46%
EWO	iShares MSCI Austria ETF	0.62%
EWS	iShares MSCI Singapore ETF	0.66%

Developed ex-U.S. Most Oversold

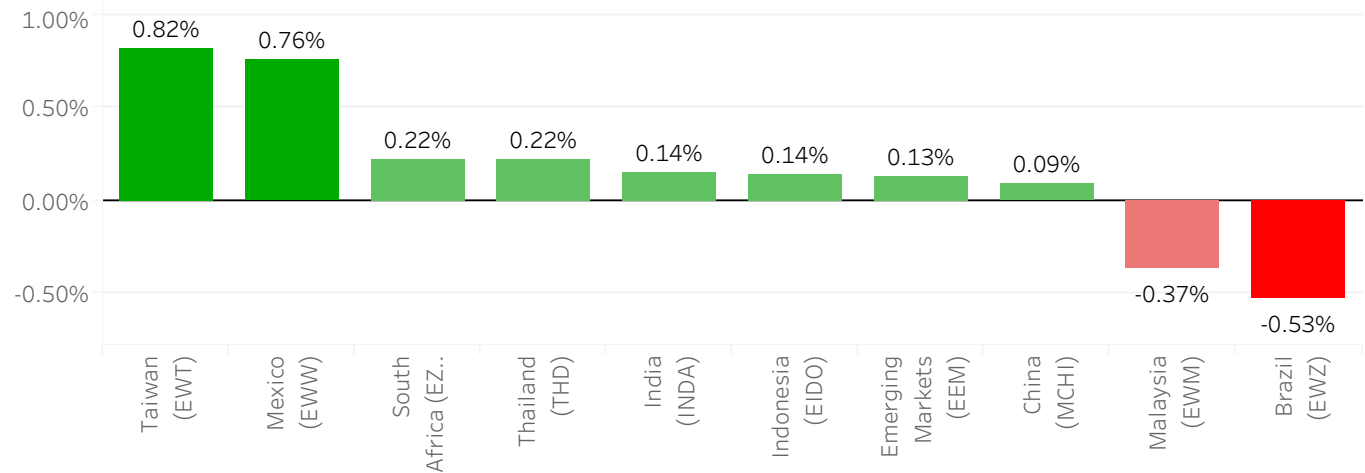
Ticker	Fund	Value
ENZL	iShares MSCI New Zealand ETF	54.65
EWS	iShares MSCI Singapore ETF	54.94
EWY	iShares MSCI Hong Kong ETF	56.76
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	57.51
NORW	Global X MSCI Norway ETF	57.59
SCJ	iShares MSCI Japan Small-Cap ETF	57.67
DFJ	WisdomTree Japan SmallCap Dividend Fund	57.81
FJP	First Trust Japan AlphaDEX Fund	58.40
EWJV	iShares MSCI Japan Value ETF	59.10
MINV	Matthews Asia Innovators Active ETF	59.51

*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)



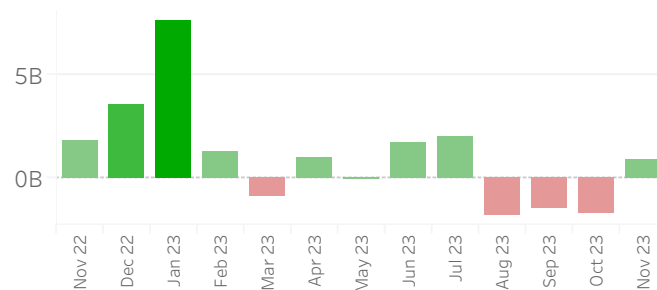
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
TUR	iShares MSCI Turkey ETF	1.56%
MEM	Matthews Emerging Markets Equity Active ETF	1.09%
EPU	iShares MSCI Peru and Global Exposure ETF	1.05%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	1.04%
CNYA	iShares MSCI China A ETF	1.03%
QAT	iShares MSCI Qatar ETF	1.03%
KBA	KraneShares Boser MSCI China A 50 Connect Index ETF	0.97%
RAYC	Rayliant Quantamental China Equity ETF	0.95%
FLTW	Franklin FTSE Taiwan ETF	0.90%
EPHE	iShares MSCI Philippines ETF	0.89%

Emerging Most Overbought

Ticker	Fund	Value
EPOL	iShares MSCI Poland ETF	72.13
FLTW	Franklin FTSE Taiwan ETF	72.10
EWT	iShares MSCI Taiwan ETF	71.63
FLLA	Franklin FTSE Latin America ETF	71.35
GLIN	VanEck India Growth Leaders ETF	71.13
FRDM	Freedom 100 Emerging Markets ETF	70.72
ILF	iShares Latin America 40 ETF	70.44
EWW	iShares MSCI Mexico ETF	69.73
FLBR	Franklin FTSE Brazil ETF	69.35
EWZ	iShares MSCI Brazil ETF	69.07

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
EWZS	iShares MSCI Brazil Small-Cap ETF	-0.70%
FLBR	Franklin FTSE Brazil ETF	-0.57%
EWZ	iShares MSCI Brazil ETF	-0.53%
HEEM	iShares Currency Hedged MSCI Emerging Markets ETF	-0.41%
EWM	iShares MSCI Malaysia ETF	-0.37%
FLLA	Franklin FTSE Latin America ETF	-0.16%
DGRE	WisdomTree Emerging Markets Quality Dividend Growt..	-0.13%
NUEM	Nuveen ESG Emerging Markets Equity ETF	-0.11%
FEM	First Trust Emerging Markets AlphaDEX Fund	-0.05%
EEMA	iShares MSCI Emerging Markets Asia ETF	-0.05%

Emerging Most Oversold

Ticker	Fund	Value
RAYC	Rayliant Quantamental China Equity ETF	46.45
KBA	KraneShares Boser MSCI China A 50 Connect Index ..	48.53
TUR	iShares MSCI Turkey ETF	49.19
FXI	iShares China Large-Cap ETF	49.54
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	49.58
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	50.83
VNM	VanEck Vietnam ETF	51.38
PGJ	Invesco Golden Dragon China ETF	51.57
FLCH	Franklin FTSE China ETF	51.61
MCHI	iShares MSCI China ETF	51.86

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

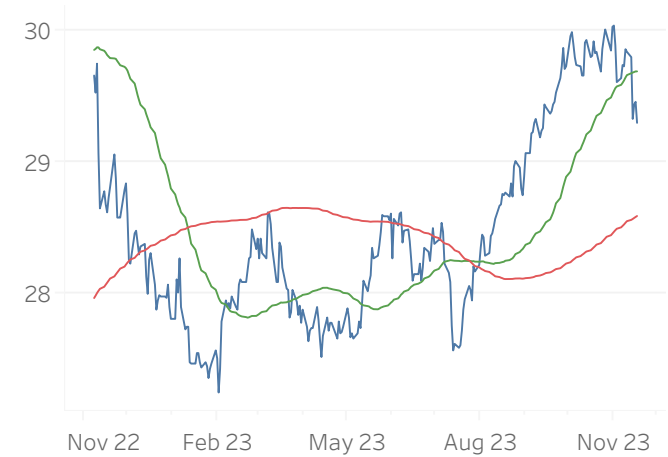
Fixed Income (AGG)



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	0.20%	3.33%	0.82%
SHY	1-3 Year Treasury Bonds	-0.07%	1.01%	2.56%
IEF	7-10 Year Treasury Bonds	0.06%	3.31%	-1.06%
TLT	20+ Year Treasury Bonds	0.47%	5.97%	-7.00%
TIP	TIPS Bonds	0.11%	2.02%	0.64%
FLOT	Floating Rate Bonds	-0.04%	0.52%	5.62%
LQD	Investment Grade Corporate	0.29%	4.90%	2.46%
HYG	High Yield Corporate	0.23%	3.84%	6.74%
BKLN	Senior Loan	0.10%	0.91%	10.26%
PFF	Preferred & Income Securities	0.08%	5.50%	4.31%
MUB	Municipal Bonds	0.07%	3.26%	1.58%
MBB	MBS	0.32%	4.14%	-0.09%
EMB	Dollar Denominated EM Bonds	0.32%	4.66%	3.76%
LEMB	Local Currency EM Bond	-0.03%	4.35%	3.57%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.38%	-2.82%	-6.91%
DBE	Energy	2.70%	-7.92%	-6.09%
USO	WTI Crude Oil	3.97%	-10.22%	0.91%
BNO	Brent Crude Oil	3.86%	-9.37%	0.88%
UNG	Natural Gas	-3.30%	-14.21%	-56.31%
UGA	Gasoline	3.90%	-4.11%	3.45%
DBP	Precious Metals	-0.02%	3.09%	5.71%
GLD	Gold	-0.01%	3.02%	8.27%
SLV	Silver	-0.05%	3.97%	-1.23%
PPLT	abrdn Physical Platin..	0.45%	0.22%	-16.37%
PALL	abrdn Physical Palla..	1.32%	-7.51%	-41.09%
DBB	Base Metals	0.05%	3.66%	-3.96%
CPER	Copper	1.26%	4.91%	0.87%
DBA	Agriculture	-0.18%	1.01%	9.58%
CORN	Corn	-0.90%	-2.26%	-18.05%
SOYB	Soybeans	-0.78%	2.37%	-1.33%
WEAT	Wheat	-0.54%	-3.30%	-30.20%
CANE	Sugar	-0.05%	-0.79%	58.34%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.54%	-1.71%	5.36%
UDN	Short Dollar	0.54%	2.55%	2.00%
FXE	Euro	0.58%	3.28%	3.35%
FXB	British Pound Sterling	0.41%	2.51%	5.70%
FXF	Swiss Franc	0.38%	1.63%	4.10%
FXJ	Japanese Yen	0.70%	0.03%	-12.78%
FXC	Canadian Dollar	0.34%	-0.28%	0.59%
FXA	Australian Dollar	0.75%	2.46%	-3.42%

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