

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

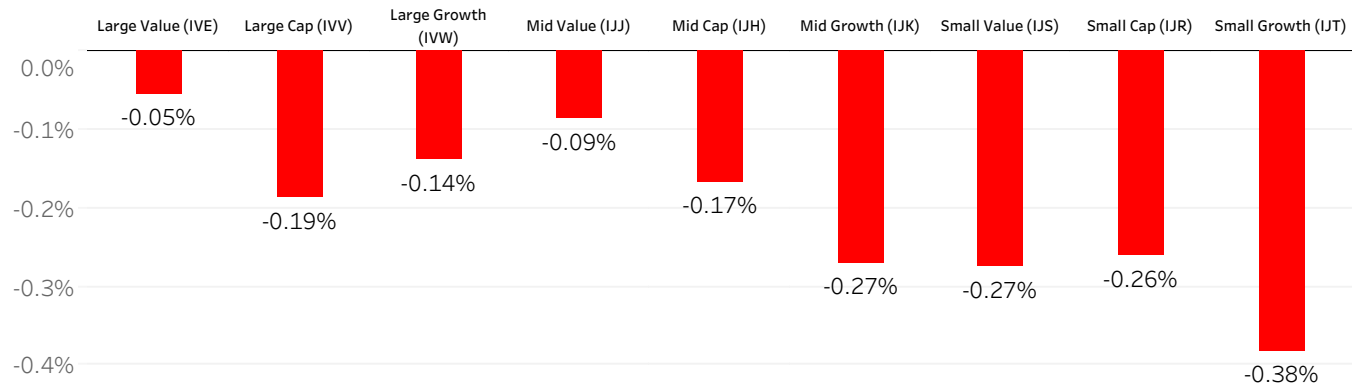


Small Cap Blend (S&P 600) IJR



■ 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
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	0.43%
BUZZ	VanEck Social Sentiment ETF	0.43%
CWS	AdvisorShares Focused Equity ETF	0.39%
FCPI	Fidelity Stocks for Inflation ETF	0.31%
BMVP	Invesco Bloomberg MVP Multi-factor ETF	0.30%
FPX	First Trust US Equity Opportunities ETF	0.27%
XMMO	Invesco S&P MidCap Momentum ETF	0.25%
NUMG	Nuveen ESG Mid-Cap Growth ETF	0.21%
XSMO	Invesco S&P SmallCap Momentum ETF	0.16%
LCG	Sterling Capital Focus Equity ETF	0.15%

Size & Style Most Overbought

Ticker	Fund	Value
PWB	Invesco Large Cap Growth ETF	77.56
LCG	Sterling Capital Focus Equity ETF	75.69
MBCC	Monarch Blue Chips Core ETF	74.91
CWS	AdvisorShares Focused Equity ETF	74.06
GVIP	Goldman Sachs Hedge Industry VIP ETF	73.07
NULG	Nuveen ESG Large-Cap Growth ETF	72.76
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	72.45
FDMO	Fidelity Momentum Factor ETF	72.36
BKLC	BNY Mellon US Large Cap Core Equity ETF	71.87
USXF	iShares ESG Advanced MSCI USA ETF	71.78

Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
JSMD	Janus Henderson Small/Mid Cap Growth Alpha ETF	-0.68%
ISMD	Inspire Small/Mid Cap ETF	-0.68%
JSML	Janus Henderson Small Cap Growth Alpha ETF	-0.66%
TPLE	Timothy Plan US Large/Mid Cap Core Enhanced ETF	-0.60%
RWJ	Invesco S&P SmallCap 600 Revenue ETF	-0.57%
SMDV	ProShares Russell 2000 Dividend Growers ETF	-0.55%
VFVA	Vanguard U.S. Value Factor ETF	-0.54%
CGDV	Capital Group Dividend Value ETF	-0.53%
AVSC	Avantis U.S. Small Cap Equity ETF	-0.51%
QVAL	Alpha Architect US Quantitative Value ETF	-0.50%

Size & Style Most Oversold

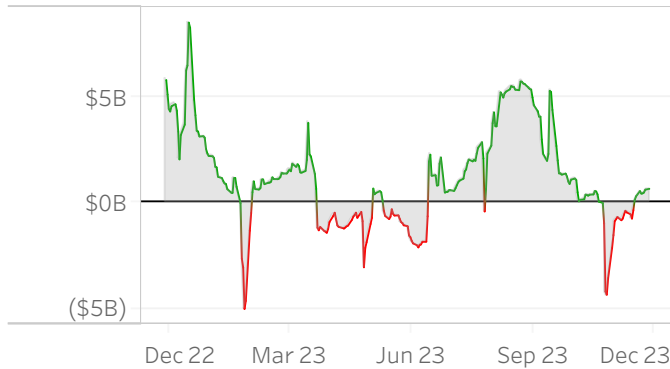
Ticker	Fund	Value
PTMC	Pacer Trendpilot US Mid Cap ETF	42.42
TPLE	Timothy Plan US Large/Mid Cap Core Enhanced ETF	49.05
LSAT	Leadershires Alphafactor Tactical Focused ETF	51.77
ALTL	Pacer Lunt Large Cap Alternator ETF	54.21
DHS	WisdomTree U.S. High Dividend Fund	54.63
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	54.91
PEY	Invesco High Yield Equity Dividend Achievers ETF	55.24
TMFS	Motley Fool Small-Cap Growth ETF	55.77
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	55.96
COWZ	Pacer US Cash Cows 100 ETF	56.15

*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	\$1,550B	\$1.04B	\$59.05B	\$91.59B	\$85.24B
Large Cap, Beta, Beta: Growth	10	\$305B	\$0.53B	\$11.57B	\$13.29B	\$18.25B
Large Cap, Beta, Beta: Value	11	\$226B	\$0.52B	\$2.27B	\$3.41B	(\$5.67B)
Mid Cap, Beta, Beta	10	\$195B	\$0.18B	\$1.09B	\$7.29B	\$9.07B
Mid Cap, Beta, Beta: Growth	6	\$36B	\$0.05B	\$0.23B	\$0.87B	\$0.55B
Mid Cap, Beta, Beta: Value	6	\$38B	\$0.01B	(\$0.83B)	(\$1.40B)	(\$2.96B)
Small Cap, Beta, Beta	11	\$201B	(\$0.47B)	\$4.48B	\$12.44B	\$11.82B
Small Cap, Beta, Beta: Growth	7	\$33B	(\$0.12B)	\$0.76B	\$1.01B	\$1.11B
Small Cap, Beta, Beta: Value	7	\$48B	(\$0.03B)	(\$0.40B)	(\$0.80B)	(\$1.46B)

U.S. Size & Style Flow Leaders

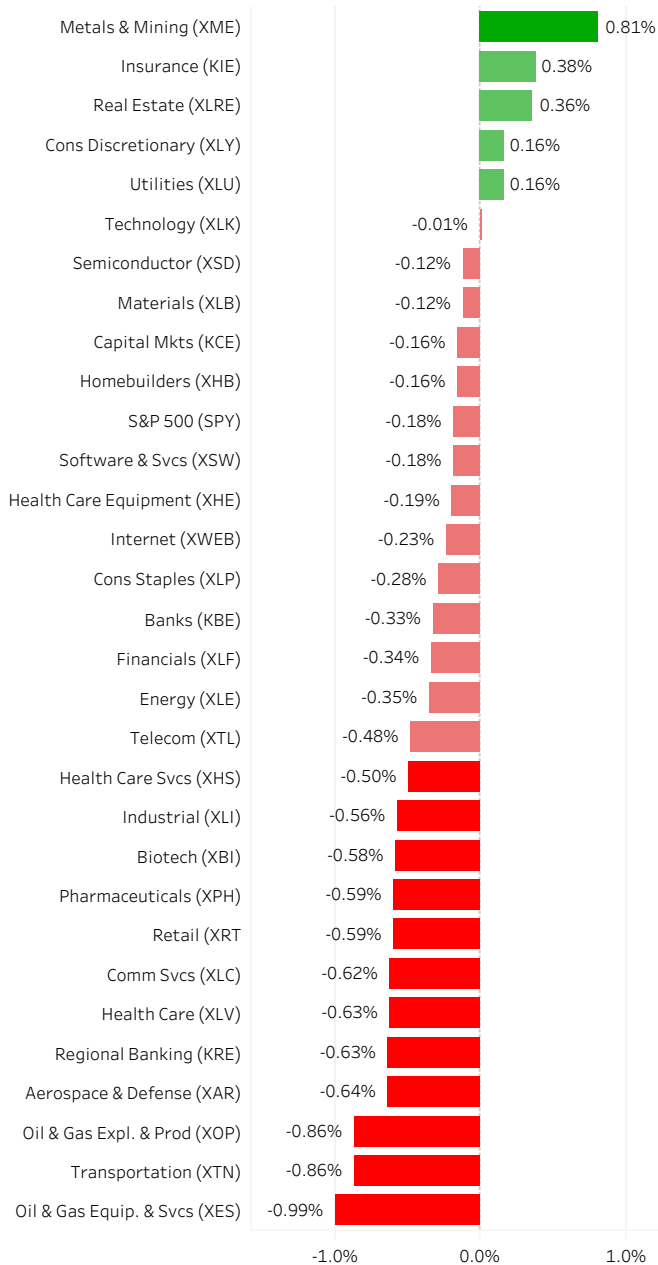
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust Series I	\$0.91B	\$12.20B	\$13.78B	\$5.42B	\$222.58B
IVV	iShares Core S&P 500 ETF	\$0.64B	\$17.19B	\$35.77B	\$27.62B	\$375.60B
USMV	iShares MSCI USA Min Vol Factor ETF	\$0.35B	\$0.61B	\$0.03B	(\$1.62B)	\$29.90B
IVW	iShares S&P 500 Growth ETF	\$0.31B	(\$0.09B)	\$1.77B	\$1.13B	\$35.89B
VTI	Vanguard Total Stock Market ETF	\$0.25B	\$6.15B	\$12.19B	\$20.44B	\$326.80B
VXF	Vanguard Extended Market ETF	\$0.24B	\$0.39B	\$0.84B	\$1.26B	\$15.87B
QQQM	Invesco NASDAQ 100 ETF	\$0.16B	\$2.27B	\$4.77B	\$8.01B	\$17.04B
IWD	iShares Russell 1000 Value ETF	\$0.16B	\$0.90B	\$0.10B	(\$4.04B)	\$50.79B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.15B	\$2.55B	\$4.04B	\$4.95B	\$22.94B
PWB	Invesco Large Cap Growth ETF	\$0.14B	\$0.15B	\$0.16B	\$0.15B	\$0.85B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	(\$0.47B)	\$3.16B	\$4.82B	\$1.60B	\$55.81B
IWB	iShares Russell 1000 ETF	(\$0.22B)	(\$0.18B)	(\$0.11B)	(\$1.01B)	\$31.23B
IWO	iShares Russell 2000 Growth ETF	(\$0.17B)	\$0.37B	\$0.25B	(\$0.07B)	\$9.60B
IJR	iShares Core S&P Small Cap ETF	(\$0.07B)	\$0.00B	\$1.85B	\$2.21B	\$67.83B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.07B)	(\$0.32B)	\$0.07B	(\$2.00B)	\$29.81B
VUG	Vanguard Growth ETF	(\$0.06B)	\$2.29B	\$1.96B	\$3.89B	\$99.46B
DGRO	iShares Core Dividend Growth ETF	(\$0.04B)	\$0.40B	\$0.53B	(\$0.47B)	\$24.18B
FVD	First Trust Value Line Dividend Index Fund	(\$0.04B)	(\$0.83B)	(\$1.13B)	(\$1.47B)	\$10.59B
SLYV	SPDR S&P 600 Small Cap Value ETF	(\$0.04B)	(\$0.12B)	(\$0.08B)	(\$0.26B)	\$3.56B
SDY	SPDR S&P Dividend ETF	(\$0.04B)	(\$0.98B)	(\$1.58B)	(\$1.97B)	\$20.06B

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

S&P Sector & Industry 1 Day Performance



Select Sector SPDRs Technicals

Ticker	Fund Name	% From 52W High	% From 52W Low	% Abv/Below 50 SMA	% Abv/Below 200 SMA	RSI (14D)
XLK	Technology Select Sector SPDR Fund	-0.57%	52.17%	7.97%	13.26%	70.79
SPY	SPDR S&P 500 ETF Trust	-0.72%	20.66%	4.78%	6.30%	70.00
XLC	Communication Services Select Sector SPDR Fund	-0.96%	51.07%	4.78%	11.44%	63.32
XLI	Industrial Select Sector SPDR Fund	-4.52%	9.64%	3.86%	2.82%	65.86
XLF	Financial Select Sector SPDR Fund	-4.70%	13.82%	5.23%	5.27%	70.60
XLY	Consumer Discretionary Select Sector SPDR Fund	-4.78%	33.46%	4.99%	6.41%	64.88
XLB	Materials Select Sector SPDR Fund	-5.48%	8.81%	3.81%	1.25%	65.68
XLV	Health Care Select Sector SPDR Fund	-6.99%	5.82%	1.34%	-0.33%	58.96
XLE	Energy Select Sector SPDR Fund	-9.35%	10.50%	-2.91%	0.12%	45.71
XLP	Consumer Staples Select Sector SPDR Fund	-9.41%	6.03%	2.34%	-3.43%	60.62
XLRE	Real Estate Select Sector SPDR Fund	-12.86%	13.23%	6.17%	0.08%	65.60
XLU	Utilities Select Sector SPDR Fund	-13.60%	11.75%	4.16%	-2.94%	62.54

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance (%)
XME	SPDR S&P Metals & Mining ETF	0.81%
KBWP	Invesco KBW Property & Casualty Insurance ETF	0.71%
PNQI	Invesco NASDAQ Internet ETF	0.61%
NETL	NETLease Corporate Real Estate ETF	0.59%
ICF	iShares Cohen & Steers REIT ETF	0.56%
PTF	Invesco Dorsey Wright Technology Momentum ETF	0.48%
SCHH	Schwab U.S. REIT ETF	0.43%
JPRE	JPMorgan Realty Income ETF	0.42%
FREL	Fidelity MSCI Real Estate Index ETF	0.42%
INDS	Pacer Industrial Real Estate ETF	0.39%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IGV	iShares Expanded Tech-Software Sector ETF	73.82
IAI	iShares U.S. Broker-Dealers & Securities Exchanges ETF	73.17
ITA	iShares U.S. Aerospace & Defense ETF	72.76
PNQI	Invesco NASDAQ Internet ETF	72.67
IAK	iShares U.S. Insurance ETF	72.17
XNTK	SPDR NYSE Technology ETF	71.85
FTEC	Fidelity MSCI Information Technology Index ETF	71.27
KIE	SPDR S&P Insurance ETF	71.21
PPA	Invesco Aerospace & Defense ETF	70.96
XLK	Technology Select Sector SPDR Fund	70.79

Sector & Industry 1 Day Performance Laggards

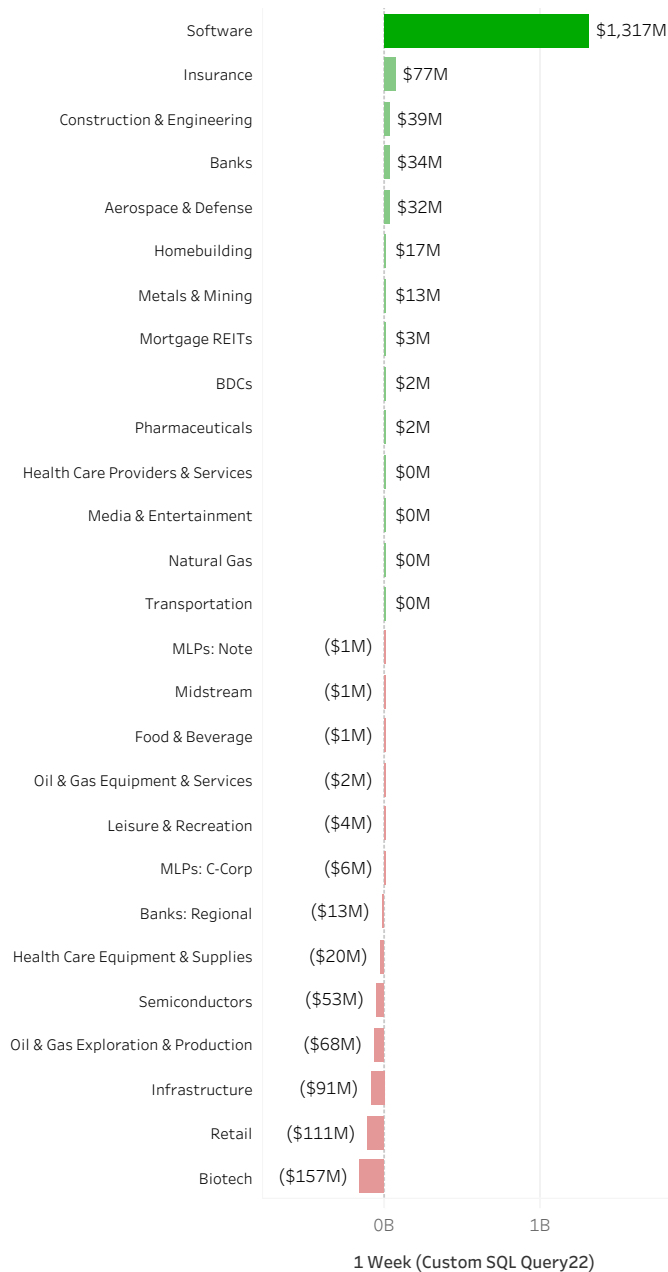
Ticker	Fund	1 Day Performance (%)
FBT	First Trust NYSE Arca Biotechnology Index Fund	-1.06%
IYT	iShares US Transportation ETF	-1.03%
PSCE	Invesco S&P SmallCap Energy ETF	-1.01%
FCG	First Trust Natural Gas ETF	-1.00%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-0.99%
IHE	iShares U.S. Pharmaceuticals ETF	-0.92%
PJP	Invesco Pharmaceuticals ETF	-0.88%
XTN	SPDR S&P Transportation ETF	-0.86%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	-0.86%
FXN	First Trust Energy AlphaDEX Fund	-0.82%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XES	SPDR S&P Oil & Gas Equipment & Services ETF	40.07
IEZ	iShares U.S. Oil Equipment & Services ETF	40.79
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	41.96
FCG	First Trust Natural Gas ETF	42.04
PSCE	Invesco S&P SmallCap Energy ETF	43.54
FXN	First Trust Energy AlphaDEX Fund	44.99
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	45.04
VDE	Vanguard Energy ETF	45.09
PXJ	Invesco Oil & Gas Services ETF	45.14
FTXN	First Trust Nasdaq Oil & Gas ETF	45.29

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U.S. Sector & Industry 1-Week Flows



U.S. Sector Landscape

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Communication Services	7	\$20B	\$60M	(\$542M)	\$1,065M	\$2,753M
Consumer Discretionary	12	\$26B	(\$45M)	(\$45M)	\$1,009M	\$1,480M
Consumer Staples	10	\$26B	\$76M	(\$2,803M)	(\$3,749M)	(\$1,870M)
Energy	30	\$73B	(\$294M)	\$2,270M	\$960M	(\$7,399M)
Financials	26	\$55B	\$267M	(\$3,475M)	(\$1,839M)	(\$3,705M)
Health Care	23	\$83B	(\$494M)	(\$3,859M)	(\$5,656M)	(\$9,068M)
Industrial	13	\$34B	\$271M	(\$735M)	\$1,195M	\$1,464M
Materials	9	\$12B	(\$12M)	(\$788M)	(\$1,880M)	(\$1,823M)
Multi-Sector	17	\$18B	(\$22M)	(\$401M)	\$2,102M	\$2,034M
Real Estate	25	\$54B	(\$8M)	(\$148M)	\$626M	(\$3,216M)
Technology	23	\$166B	\$1,878M	\$6,262M	\$5,292M	\$5,396M
Utilities	9	\$21B	(\$93M)	(\$1,611M)	(\$2,292M)	(\$2,071M)

U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IGV	iShares Expanded Tech-Software Sector ETF	\$1,250M	\$1,881M	\$2,128M	\$2,169M	\$7,802M
VGT	Vanguard Information Technology ETF	\$320M	\$456M	\$82M	(\$584M)	\$55,846M
XLI	Industrial Select Sector SPDR Fund	\$191M	(\$390M)	\$911M	(\$105M)	\$14,859M
XLF	Financial Select Sector SPDR Fund	\$169M	(\$2,423M)	(\$597M)	(\$1,473M)	\$31,193M
XLK	Technology Select Sector SPDR Fund	\$147M	\$1,413M	\$2,127M	(\$738M)	\$54,902M
XLP	Consumer Staples Select Sector SPDR Fund	\$88M	(\$925M)	(\$1,566M)	(\$279M)	\$15,663M
KIE	SPDR S&P Insurance ETF	\$76M	\$107M	\$110M	\$118M	\$679M
XLC	Communication Services Select Sector SPDR Fu..	\$71M	(\$505M)	\$807M	\$2,487M	\$14,830M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$67M	\$470M	\$992M	\$944M	\$17,582M
XSW	SPDR S&P Software & Services ETF	\$66M	\$65M	\$118M	\$133M	\$377M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	(\$280M)	(\$2,338M)	(\$3,039M)	(\$3,287M)	\$37,238M
XLE	Energy Select Sector SPDR Fund	(\$233M)	\$1,874M	\$786M	(\$2,276M)	\$37,632M
XRT	SPDR S&P Retail ETF	(\$111M)	\$85M	(\$20M)	(\$77M)	\$390M
XBI	SPDR S&P BIOTECH ETF	(\$98M)	\$328M	\$103M	(\$1,289M)	\$6,019M
PAVE	Global X U.S. Infrastructure Development ETF	(\$95M)	\$161M	\$639M	\$1,022M	\$5,243M
XLU	Utilities Select Sector SPDR Fund	(\$84M)	(\$824M)	(\$1,353M)	(\$1,013M)	\$13,497M
IBB	iShares Biotechnology ETF	(\$59M)	(\$410M)	(\$706M)	(\$1,490M)	\$6,466M
SOXX	iShares Semiconductor ETF	(\$51M)	\$101M	(\$504M)	\$424M	\$9,440M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$49M)	(\$229M)	(\$203M)	(\$675M)	\$3,499M
IYR	iShares U.S. Real Estate ETF	(\$29M)	\$121M	\$125M	(\$301M)	\$2,852M

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Communication Services



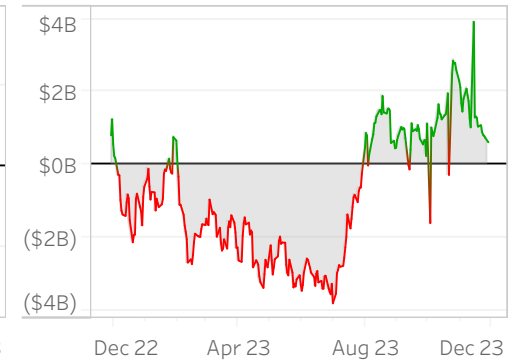
Consumer Discretionary



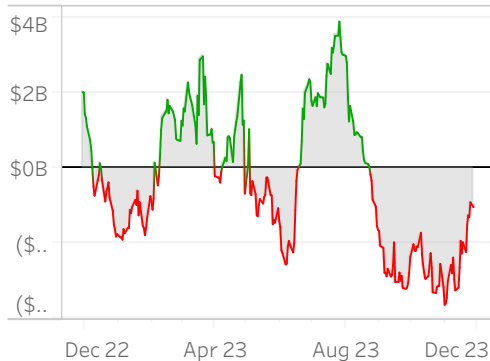
Consumer Staples



Energy



Financials



Industrial



Health Care



Materials



Real Estate



Technology



Utilities

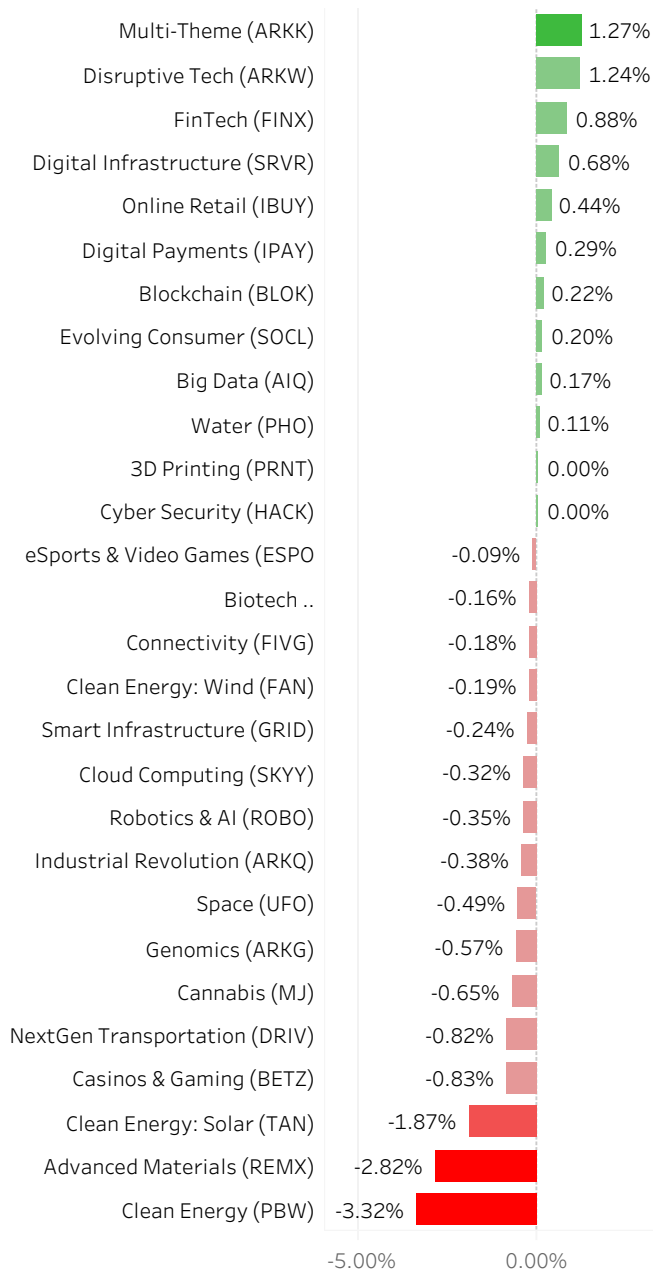


Multi-Sector

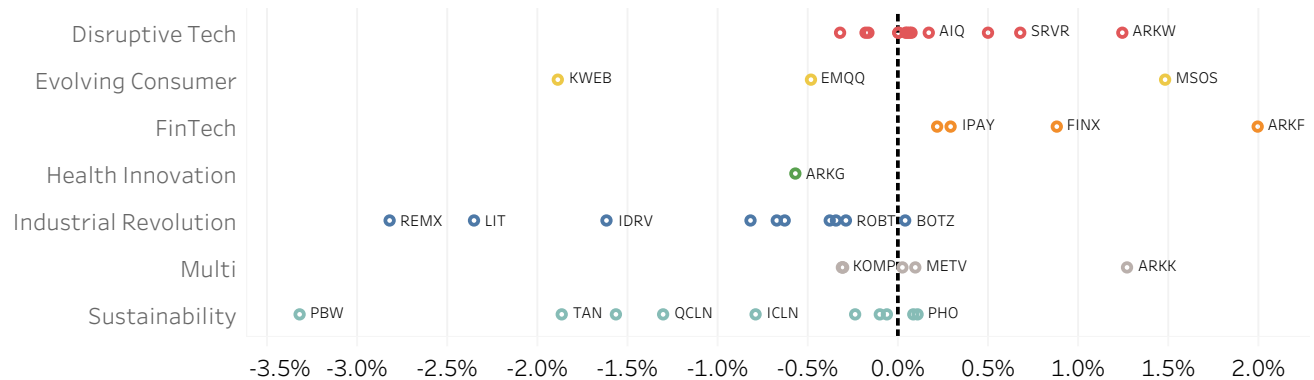


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
ARKF	ARK Fintech Innovation ETF	2.00%
MSOS	AdvisorShares Pure US Cannabis ETF	1.48%
ARKK	ARK Innovation ETF	1.27%
ARKW	ARK Next Generation Internet ETF	1.24%
EBIZ	Global X E-Commerce ETF	0.88%
FINX	Global X FinTech ETF	0.88%
SRVR	Pacer Data & Infrastructure Real Estate ETF	0.68%
BUG	Global X Cybersecurity ETF	0.50%
IBUY	Amplify Online Retail ETF	0.44%
THNQ	ROBO Global Artificial Intelligence ETF	0.40%

Thematic Most Overbought

Ticker	Fund	Price
PIO	Invesco Global Water ETF	77.83
ARKF	ARK Fintech Innovation ETF	75.18
BOTZ	Global X Robotics & Artificial Intelligence ETF	73.42
PHO	Invesco Water Resources ETF	72.40
TECB	iShares U.S. Tech Breakthrough Multisector ETF	72.20
ARKW	ARK Next Generation Internet ETF	72.06
FIW	First Trust Water ETF	71.91
KLDW	Knowledge Leaders Developed World ETF	71.87
AIQ	Global X Artificial Intelligence & Technology ETF	71.84
BUG	Global X Cybersecurity ETF	71.81

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
PBW	Invesco WilderHill Clean Energy ETF	-3.32%
REMX	VanEck Rare Earth/Strategic Metals ETF	-2.82%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-2.44%
LIT	Global X Lithium & Battery Tech ETF	-2.36%
BATT	Amplify Lithium & Battery Technology ETF	-1.94%
KWEB	KraneShares CSI China Internet ETF	-1.89%
TAN	Invesco Solar ETF	-1.87%
KARS	KraneShares Electric Vehicles & Future Mobility Index ..	-1.66%
IDRV	iShares Self-driving EV & Tech ETF	-1.62%
ACES	ALPS Clean Energy ETF	-1.57%

Thematic Most Oversold

Ticker	Fund	Price
LIT	Global X Lithium & Battery Tech ETF	40.32
REMX	VanEck Rare Earth/Strategic Metals ETF	40.49
PBW	Invesco WilderHill Clean Energy ETF	42.02
KGRN	KraneShares MSCI China Clean Technology Index ETF	42.62
BATT	Amplify Lithium & Battery Technology ETF	43.22
ACES	ALPS Clean Energy ETF	43.30
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	43.67
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	45.94
CTEC	Global X CleanTech ETF	46.56
TAN	Invesco Solar ETF	46.61

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$43M
TAN	Invesco Solar ETF	\$33M
AIQ	Global X Artificial Intelligence & Technology ETF	\$31M
FIVG	Defiance Next Gen Connectivity ETF	\$8M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$6M
WCLD	WisdomTree Cloud Computing Fund	\$6M
ARKG	ARK Genomic Revolution ETF	\$5M
WTAI	WisdomTree Artificial Intelligence and Innovation Fund	\$4M
FMIL	Fidelity New Millennium ETF	\$3M
BLOK	Amplify Transformational Data Sharing ETF	\$3M

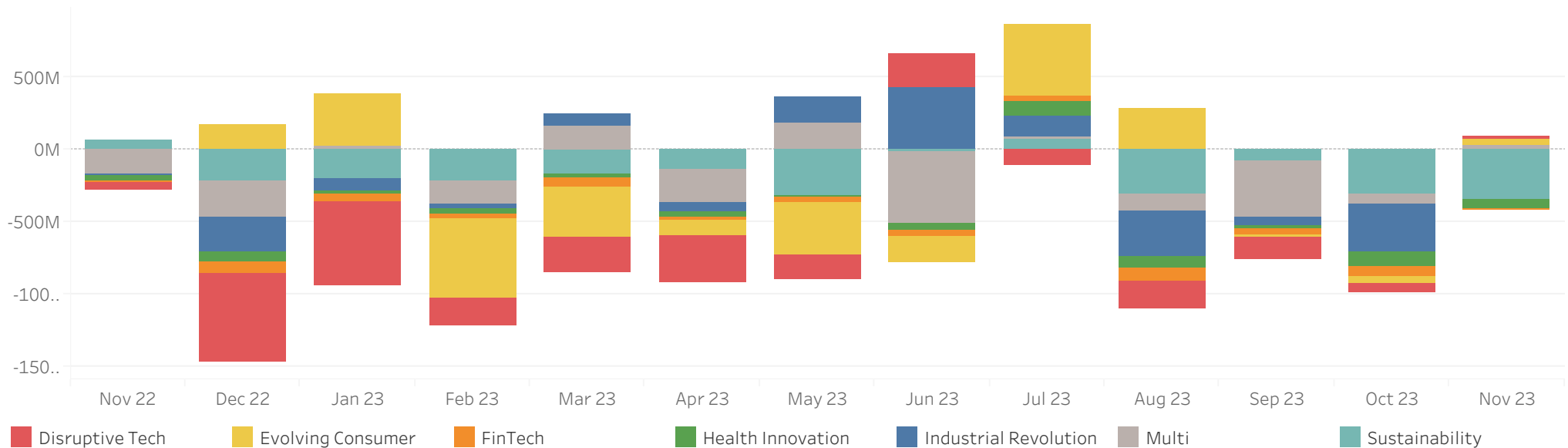
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$85M)
LIT	Global X Lithium & Battery Tech ETF	(\$43M)
SKYY	First Trust Cloud Computing ETF	(\$24M)
ICLN	iShares Global Clean Energy ETF	(\$12M)
XT	iShares Exponential Technologies ETF	(\$8M)
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	(\$6M)
REMX	VanEck Rare Earth/Strategic Metals ETF	(\$6M)
CGW	Invesco S&P Global Water Index ETF	(\$4M)
ACES	ALPS Clean Energy ETF	(\$4M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$4M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$17B	\$45M	(\$215M)	(\$261M)	(\$2,430M)
Evolving Consumer	37	\$9B	(\$3M)	(\$20M)	\$566M	(\$268M)
FinTech	17	\$3B	\$4M	(\$119M)	(\$204M)	(\$487M)
Health Innovation	18	\$2B	\$3M	(\$193M)	(\$230M)	(\$488M)
Industrial Revolution	30	\$10B	(\$3M)	(\$393M)	(\$26M)	(\$281M)
Multi	35	\$15B	(\$113M)	(\$363M)	(\$1,020M)	(\$1,490M)
Sustainability	40	\$12B	\$7M	(\$733M)	(\$1,034M)	(\$2,211M)
Grand Total	211	\$68B	(\$60M)	(\$2,036M)	(\$2,210M)	(\$7,655M)

Thematic Monthly Flows

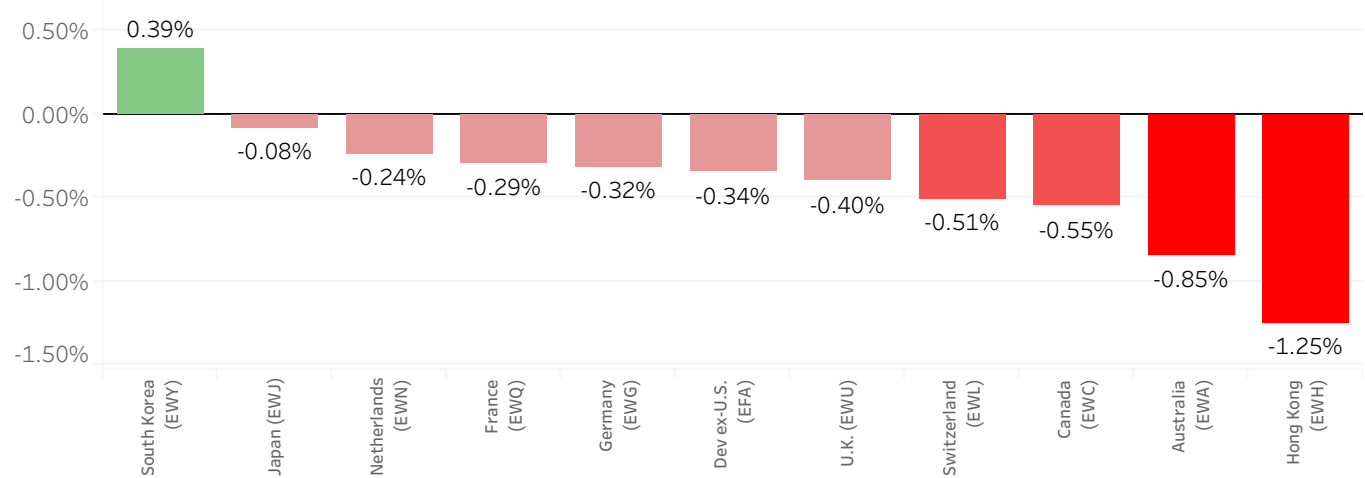


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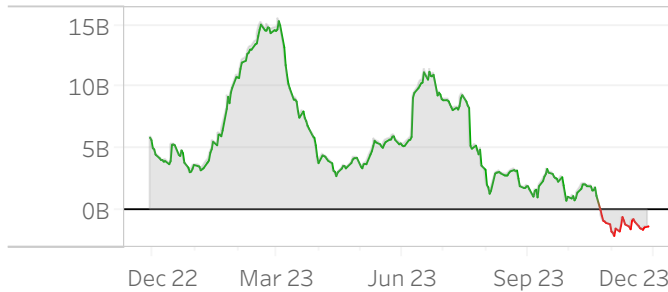
Developed ex-U.S. (EFA)



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



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



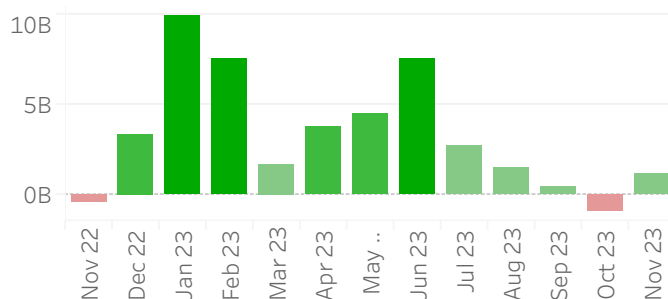
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
IVAL	Alpha Architect International Quantitative Value ETF	0.46%
EWY	iShares MSCI South Korea ETF	0.39%
IMOM	Alpha Architect International Quantitative Momentum ETF	0.38%
EIS	iShares MSCI Israel ETF	0.37%
EWP	iShares MSCI Spain ETF	0.33%
DFJ	WisdomTree Japan SmallCap Dividend Fund	0.33%
NORW	Global X MSCI Norway ETF	0.32%
FLKR	Franklin FTSE South Korea ETF	0.28%
SCJ	iShares MSCI Japan Small-Cap ETF	0.27%
DEEF	Xtrackers FTSE Developed ex US Multifactor ETF	0.25%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
EWP	iShares MSCI Spain ETF	78.05
BKCI	BNY Mellon Concentrated International ETF	76.42
EWG	iShares MSCI Germany ETF	74.05
FICS	First Trust International Developed Capital Strength ETF	73.54
DAX	Global X DAX Germany ETF	73.21
EWD	iShares MSCI Sweden ETF	72.93
EWN	iShares MSCI Netherlands ETF	72.75
EZU	iShares MSCI Eurozone ETF	72.74
DMXF	iShares ESG Advanced MSCI EAFE ETF	72.61
FLEE	Franklin FTSE Europe ETF	72.54

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	-1.25%
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Japan E..	-0.94%
EPP	iShares MSCI Pacific ex-Japan ETF	-0.85%
EWA	iShares MSCI Australia ETF	-0.85%
IDHQ	Invesco S&P International Developed High Quality ETF	-0.76%
IEUS	iShares MSCI Europe Small-Cap ETF	-0.67%
HEFA	iShares Currency Hedged MSCI EAFE ETF	-0.64%
HEWJ	iShares Currency Hedged MSCI Japan ETF	-0.64%
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	-0.63%
MINV	Matthews Asia Innovators Active ETF	-0.58%

Developed ex-U.S. Most Oversold

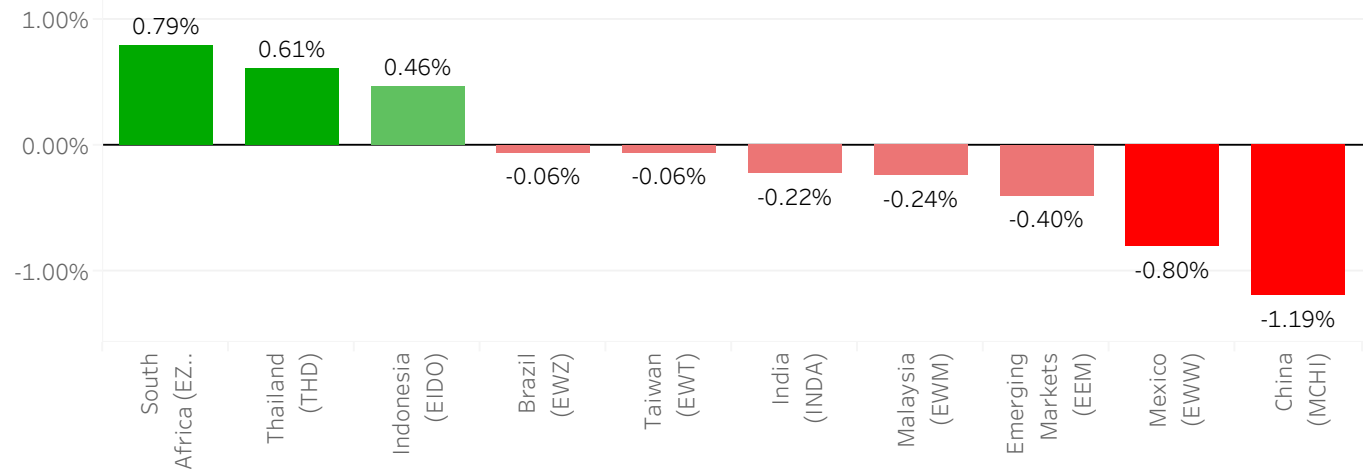
Ticker	Fund	Price
EWS	iShares MSCI Singapore ETF	49.26
EWH	iShares MSCI Hong Kong ETF	49.92
MINV	Matthews Asia Innovators Active ETF	53.03
AIA	iShares Asia 50 ETF	55.60
AAXJ	iShares MSCI All Country Asia ex Japan ETF	56.49
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Ja..	56.91
EPP	iShares MSCI Pacific ex-Japan ETF	57.12
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	58.33
ENZL	iShares MSCI New Zealand ETF	58.58
EWY	iShares MSCI South Korea ETF	58.68

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

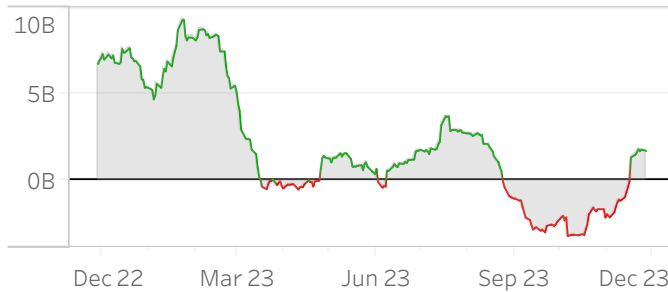
Emerging (EEM)



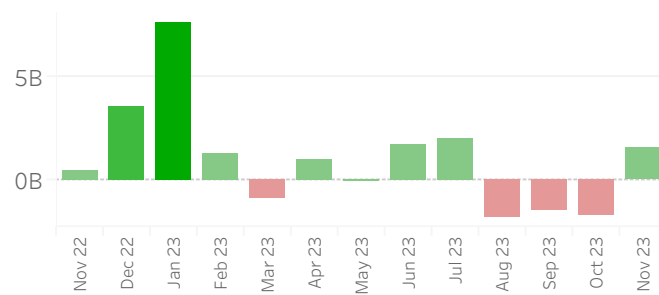
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
TUR	iShares MSCI Turkey ETF	1.81%
EZA	iShares MSCI South Africa ETF	0.79%
THD	iShares MSCI Thailand ETF	0.61%
EYLD	Cambria Emerging Shareholder Yield ETF	0.57%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	0.48%
EIDO	iShares MSCI Indonesia ETF	0.46%
EELV	Invesco S&P Emerging Markets Low Volatility ETF	0.21%
DGS	WisdomTree Emerging Markets SmallCap Dividend Fund	0.17%
KSA	iShares MSCI Saudi Arabia ETF	0.15%
PIE	Invesco Dorsey Wright Emerging Markets Momentum E..	0.11%

Emerging Most Overbought

Ticker	Fund	Value
ARGT	Global X MSCI Argentina ETF	81.44
EPOL	iShares MSCI Poland ETF	70.26
FTW	Franklin FTSE Taiwan ETF	68.98
SMIN	iShares MSCI India Small Cap ETF	67.88
EWT	iShares MSCI Taiwan ETF	67.76
EWZ	iShares MSCI Brazil ETF	67.21
FLA	Franklin FTSE Latin America ETF	67.21
FRDM	Freedom 100 Emerging Markets ETF	66.91
FLBR	Franklin FTSE Brazil ETF	66.66
DVYE	iShares Emerging Markets Dividend ETF	66.34

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
PGJ	Invesco Golden Dragon China ETF	-1.59%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	-1.31%
FXI	iShares China Large-Cap ETF	-1.29%
EPD	iShares MSCI Peru and Global Exposure ETF	-1.26%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-1.26%
QAT	iShares MSCI Qatar ETF	-1.25%
MCHI	iShares MSCI China ETF	-1.19%
ECNS	iShares MSCI China Small-Cap ETF	-1.15%
FLCH	Franklin FTSE China ETF	-1.11%
RAYC	Rayliant Quantamental China Equity ETF	-1.09%

Emerging Most Oversold

Ticker	Fund	Value
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	40.78
RAYC	Rayliant Quantamental China Equity ETF	42.44
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	44.55
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	46.51
CNYA	iShares MSCI China A ETF	46.87
FXI	iShares China Large-Cap ETF	47.77
VNM	VanEck Vietnam ETF	48.57
MCHI	iShares MSCI China ETF	49.49
GXC	SPDR S&P China ETF	49.99
FLCH	Franklin FTSE China ETF	50.24

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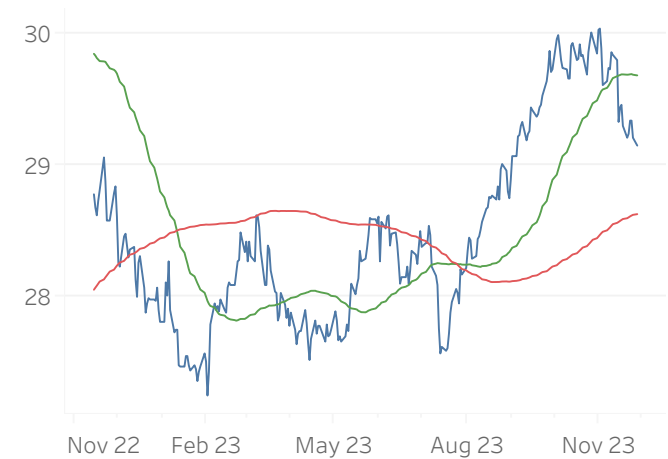
Fixed Income (AGG)



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	0.57%	3.66%	1.29%
SHY	1-3 Year Treasury Bonds	0.12%	0.66%	2.70%
IEF	7-10 Year Treasury Bonds	0.76%	3.49%	-0.59%
TLT	20+ Year Treasury Bonds	1.67%	8.58%	-5.70%
TIP	TIPS Bonds	0.33%	1.73%	0.72%
FLOT	Floating Rate Bonds	0.02%	0.40%	5.75%
LQD	Investment Grade Corporate	0.81%	6.37%	3.62%
HYG	High Yield Corporate	0.15%	4.35%	7.23%
BKLN	Senior Loan	-0.05%	1.31%	10.16%
PFF	Preferred & Income Securities	0.68%	6.81%	4.43%
MUB	Municipal Bonds	0.31%	4.70%	2.45%
MBB	MBS	0.74%	4.35%	0.14%
EMB	Dollar Denominated EM Bonds	0.44%	5.85%	5.17%
LEMB	Local Currency EM Bond	0.39%	4.97%	3.98%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.58%	-4.63%	-7.71%
DBE	Energy	-0.80%	-8.31%	-6.57%
USO	WTI Crude Oil	-1.21%	-10.72%	-0.21%
BNO	Brent Crude Oil	-1.08%	-9.70%	0.39%
UNG	Natural Gas	-1.86%	-19.44%	-58.87%
UGA	Gasoline	-0.20%	-4.89%	3.57%
DBP	Precious Metals	0.76%	1.51%	8.08%
GLD	Gold	0.67%	0.33%	10.10%
SLV	Silver	1.30%	6.52%	2.45%
PPLT	abrdn Physical Platin..	-0.98%	1.92%	-14.52%
PALL	abrdn Physical Palla..	-0.73%	-4.48%	-40.23%
DBB	Base Metals	-0.69%	1.91%	-3.96%
CPER	Copper	-0.83%	3.85%	1.92%
DBA	Agriculture	-0.69%	-2.09%	7.15%
CORN	Corn	-1.28%	-2.80%	-19.61%
SOYB	Soybeans	0.24%	1.61%	-1.75%
WEAT	Wheat	-2.34%	-6.55%	-32.08%
CANE	Sugar	0.87%	-0.13%	58.87%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.21%	-2.74%	4.82%
UDN	Short Dollar	0.21%	3.50%	2.69%
FXE	Euro	0.22%	3.90%	3.90%
FXB	British Pound Sterling	0.17%	4.53%	7.24%
FXF	Swiss Franc	0.14%	2.44%	4.75%
FXJ	Japanese Yen	0.61%	0.63%	-12.11%
FXC	Canadian Dollar	-0.08%	2.09%	1.40%
FXA	Australian Dollar	0.31%	4.42%	-1.98%

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

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