

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

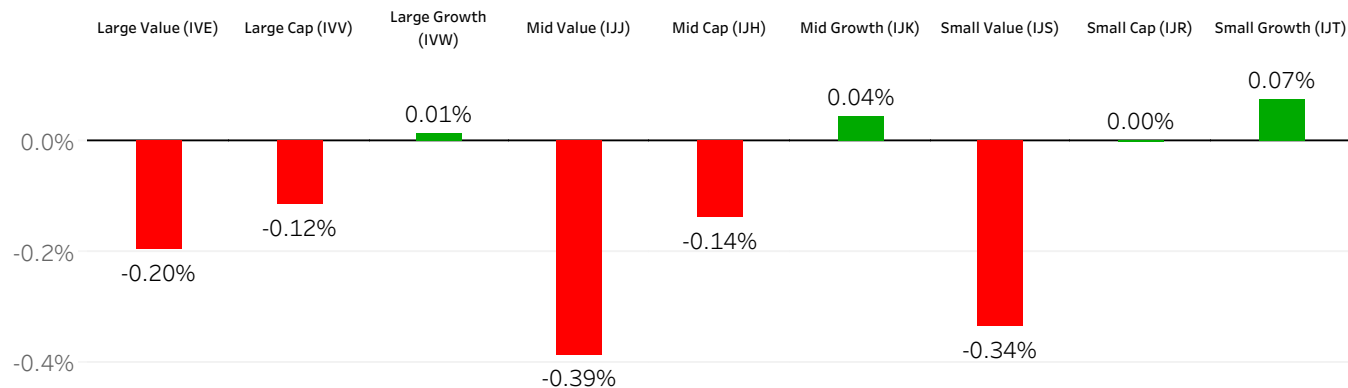


Small Cap Blend (S&P 600) IJR



■ 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
LCG	Sterling Capital Focus Equity ETF	0.70%
FFTY	Innovator IBD 50 ETF	0.66%
TMFS	Motley Fool Small-Cap Growth ETF	0.61%
BUZZ	VanEck Social Sentiment ETF	0.55%
IPO	Renaissance IPO ETF	0.47%
SPMO	Invesco S&P 500 Momentum ETF	0.46%
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	0.42%
JSML	Janus Henderson Small Cap Growth Alpha ETF	0.41%
RFG	Invesco S&P Midcap 400 Pure Growth ETF	0.39%
FYC	First Trust Small Cap Growth AlphaDEX Fund	0.39%

Size & Style Most Overbought

Ticker	Fund	Price
PWB	Invesco Large Cap Growth ETF	70.42
MTUM	iShares MSCI USA Momentum Factor ETF	67.68
SPMO	Invesco S&P 500 Momentum ETF	67.54
MBCC	Monarch Blue Chips Core ETF	66.43
QMOM	Momentumshares US Quantitative Momentum ETF	66.06
WINN	Harbor Long-Term Growers ETF	65.84
MGK	Vanguard Mega Cap Growth ETF	65.73
MMTM	SPDR S&P 1500 Momentum Tilt ETF	65.36
IWY	iShares Russell Top 200 Growth ETF	65.20
PTNQ	Pacer Trendpilot 100 ETF	64.97

Size & Style 1-Day Performance Laggards

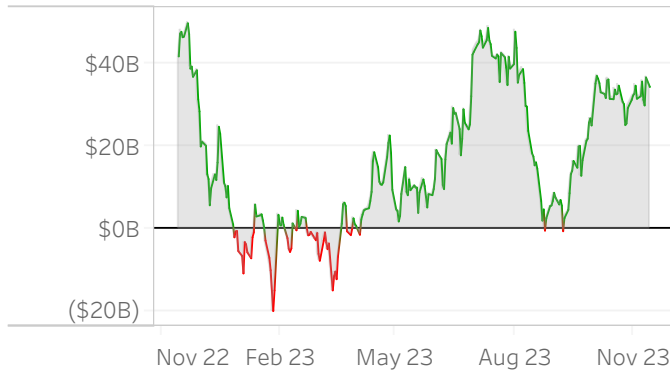
Ticker	Fund	1-Day Performance
PEY	Invesco High Yield Equity Dividend Achievers ETF	-0.70%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	-0.70%
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	-0.70%
SMIG	AAM Bahl & Gaynor Small/Mid Cap Income Growth ETF	-0.66%
RDIV	Invesco S&P Ultra Dividend Revenue ETF	-0.57%
SDOG	ALPS Sector Dividend Dogs ETF	-0.57%
WBIY	WBI Power Factor High Dividend ETF	-0.57%
SPHB	Invesco S&P 500 High Beta ETF	-0.56%
DVY	iShares Select Dividend ETF	-0.55%
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	-0.51%

Size & Style Most Oversold

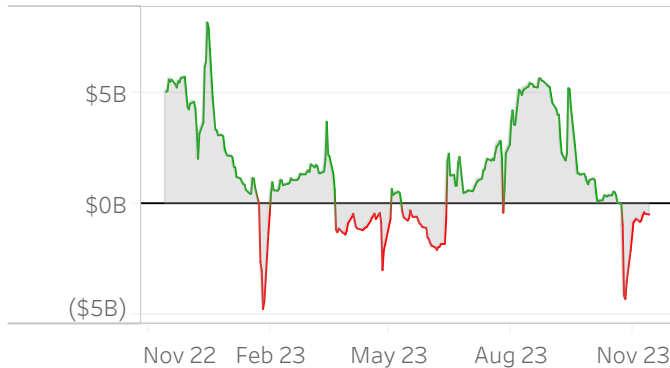
Ticker	Fund	Price
PTMC	Pacer Trendpilot US Mid Cap ETF	38.00
LSAT	Leadershares Alphafactor Tactical Focused ETF	39.26
ALTL	Pacer Lunt Large Cap Alternator ETF	41.08
ONOF	Global X Adaptive U.S. Risk Management ETF	42.80
DURA	VanEck Durable High Dividend ETF	43.41
PEY	Invesco High Yield Equity Dividend Achievers ETF	43.54
SDOG	ALPS Sector Dividend Dogs ETF	43.57
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	43.62
HDV	iShares Core High Dividend ETF	43.71
DHS	WisdomTree U.S. High Dividend Fund	44.33

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

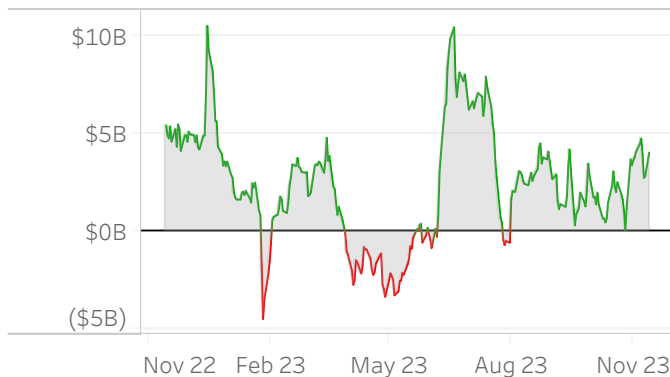
Large-Cap 30-Day Rolling Flows



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	\$1,488B	\$2.48B	\$40.51B	\$84.66B	\$73.40B
Large Cap, Beta, Beta: Growth	10	\$295B	\$1.79B	\$10.55B	\$12.72B	\$19.21B
Large Cap, Beta, Beta: Value	11	\$216B	\$0.48B	\$1.45B	(\$1.11B)	(\$7.02B)
Mid Cap, Beta, Beta	10	\$186B	\$0.18B	\$1.37B	\$6.96B	\$9.50B
Mid Cap, Beta, Beta: Growth	6	\$34B	\$0.13B	\$0.09B	\$0.80B	\$0.70B
Mid Cap, Beta, Beta: Value	5	\$35B	(\$0.04B)	(\$0.99B)	(\$1.71B)	(\$2.28B)
Small Cap, Beta, Beta	11	\$188B	\$0.46B	\$3.15B	\$11.24B	\$9.70B
Small Cap, Beta, Beta: Growth	7	\$31B	\$0.02B	\$0.59B	\$1.01B	\$1.12B
Small Cap, Beta, Beta: Value	6	\$22B	\$0.07B	(\$0.38B)	(\$0.96B)	(\$1.58B)

U.S. Size & Style Flow Leaders

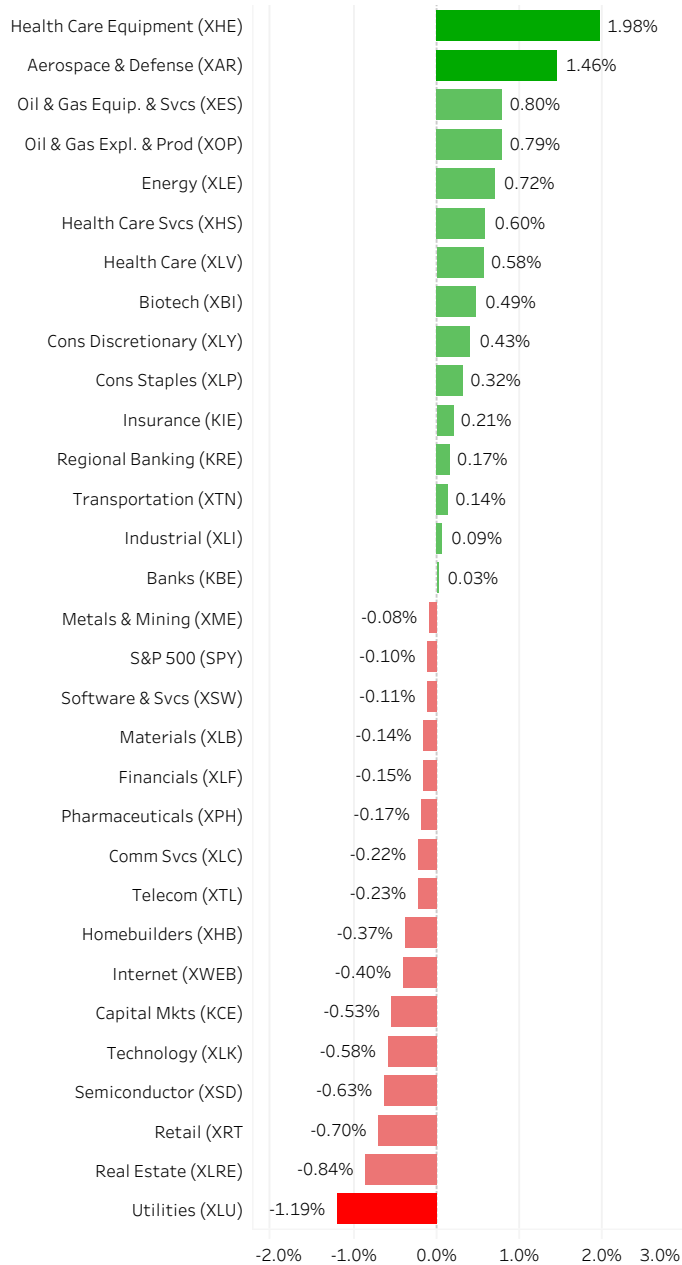
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$2.55B	\$2.01B	\$7.07B	(\$2.21B)	\$415.81B
IVV	iShares Core S&P 500 ETF	\$1.42B	\$16.49B	\$32.94B	\$27.36B	\$361.66B
VOO	Vanguard S&P 500 ETF	\$0.65B	\$10.46B	\$27.83B	\$34.41B	\$339.33B
IWF	iShares Russell 1000 Growth ETF	\$0.59B	\$2.96B	\$2.53B	\$0.04B	\$75.02B
VTI	Vanguard Total Stock Market ETF	\$0.45B	\$5.62B	\$11.42B	\$19.11B	\$314.07B
IWY	iShares Russell Top 200 Growth ETF	\$0.43B	\$0.67B	\$0.76B	\$1.97B	\$8.05B
VONG	Vanguard Russell 1000 Growth ETF	\$0.29B	\$1.83B	\$2.15B	\$3.89B	\$15.41B
IWM	iShares Russell 2000 ETF	\$0.27B	\$1.42B	\$3.93B	(\$0.74B)	\$49.97B
IWD	iShares Russell 1000 Value ETF	\$0.25B	\$0.51B	(\$0.49B)	(\$4.81B)	\$48.41B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.25B	\$2.25B	\$3.64B	\$4.80B	\$21.71B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust Series I	(\$3.00B)	\$3.37B	\$3.99B	(\$2.36B)	\$207.87B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.65B)	(\$1.73B)	\$7.44B	\$7.09B	\$38.90B
PKW	Invesco Buyback Achievers ETF	(\$0.48B)	(\$0.44B)	\$0.04B	(\$0.56B)	\$0.98B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.19B)	(\$1.22B)	(\$0.13B)	(\$2.55B)	\$28.52B
IVW	iShares S&P 500 Growth ETF	(\$0.09B)	(\$0.22B)	\$1.48B	\$0.83B	\$34.65B
SDY	SPDR S&P Dividend ETF	(\$0.09B)	(\$0.94B)	(\$1.58B)	(\$1.72B)	\$19.35B
VTV	Vanguard Value ETF	(\$0.06B)	(\$0.68B)	(\$3.13B)	(\$4.23B)	\$96.68B
LSAT	Leadershares Alphafactor Tactical Focused E..	(\$0.05B)	(\$0.06B)	(\$0.06B)	(\$0.04B)	\$0.13B
GSLC	Goldman Sachs ActiveBeta U.S. Large Cap Eq..	(\$0.05B)	(\$0.46B)	(\$0.68B)	(\$1.66B)	\$10.77B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.05B)	(\$0.91B)	(\$1.57B)	(\$4.19B)	\$8.11B

* 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	-0.71%	46.36%	2.46%	9.22%	59.15
XLK	Technology Select Sector SPDR Fund	-0.99%	47.28%	5.93%	11.05%	68.61
SPY	SPDR S&P 500 ETF Trust	-3.84%	16.87%	1.78%	3.47%	61.45
XLI	Industrial Select Sector SPDR Fund	-7.32%	6.43%	0.82%	-0.05%	58.99
XLY	Consumer Discretionary Select Sector SPDR Fund	-8.41%	28.38%	0.58%	2.91%	57.44
XLF	Financial Select Sector SPDR Fund	-8.49%	9.30%	1.34%	0.85%	59.89
XLV	Health Care Select Sector SPDR Fund	-9.35%	3.13%	-1.68%	-2.96%	47.33
XLB	Materials Select Sector SPDR Fund	-9.88%	3.75%	-1.38%	-3.58%	50.00
XLE	Energy Select Sector SPDR Fund	-10.01%	9.69%	-5.23%	-0.81%	40.55
XLP	Consumer Staples Select Sector SPDR Fund	-10.74%	4.47%	0.29%	-5.06%	57.20
XLU	Utilities Select Sector SPDR Fund	-17.99%	6.07%	-1.52%	-8.26%	46.65
XLRE	Real Estate Select Sector SPDR Fund	-18.48%	5.93%	-0.95%	-6.88%	51.00

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
IHI	iShares U.S. Medical Devices ETF	1.99%
XHE	SPDR S&P Health Care Equipment ETF	1.98%
XAR	SPDR S&P Aerospace & Defense ETF	1.46%
ITA	iShares U.S. Aerospace & Defense ETF	1.17%
PTH	Invesco Dorsey Wright Healthcare Momentum ETF	1.04%
FXN	First Trust Energy AlphaDEX Fund	0.96%
PXE	Invesco Energy Exploration & Production ETF	0.91%
PPA	Invesco Aerospace & Defense ETF	0.81%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	0.80%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	0.79%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
ITA	iShares U.S. Aerospace & Defense ETF	72.10
PPA	Invesco Aerospace & Defense ETF	69.86
XLK	Technology Select Sector SPDR Fund	68.61
XNTK	SPDR NYSE Technology ETF	67.33
FTEC	Fidelity MSCI Information Technology Index ETF	67.10
XAR	SPDR S&P Aerospace & Defense ETF	67.07
IGV	iShares Expanded Tech-Software Sector ETF	66.53
VGT	Vanguard Information Technology ETF	66.41
IYW	iShares U.S. Technology ETF	66.11
IETC	iShares U.S. Tech Independence Focused ETF	66.00

Sector & Industry 1 Day Performance Laggards

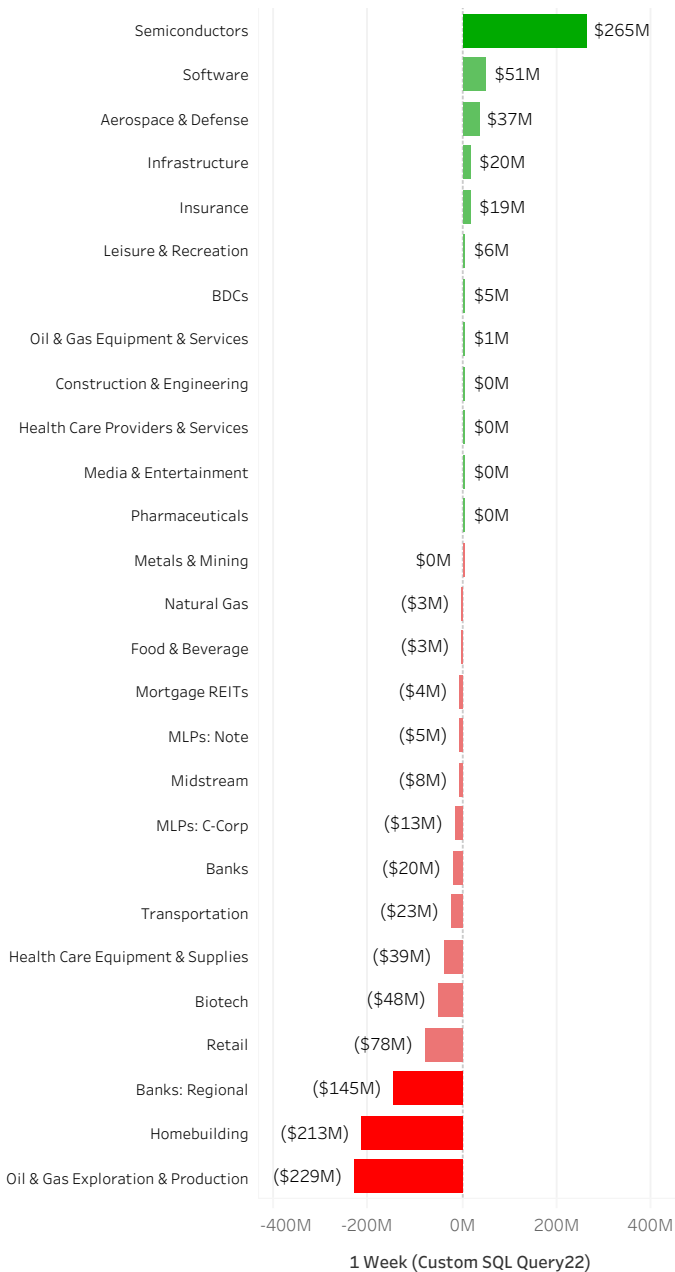
Ticker	Fund	1 Day Performance
KBWY	Invesco KBW Premium Yield Equity REIT ETF	-1.47%
XLU	Utilities Select Sector SPDR Fund	-1.19%
VPU	Vanguard Utilities ETF	-1.18%
RSPU	Invesco S&P 500 Equal Weight Utilities ETF	-1.18%
FUTY	Fidelity MSCI Utilities Index ETF	-1.14%
FXU	First Trust Utilities AlphaDEX Fund	-1.08%
NETL	NETLease Corporate Real Estate ETF	-1.06%
SOXQ	Invesco PHLX Semiconductor ETF	-1.06%
USRT	iShares Core U.S. REIT ETF	-1.03%
BBRE	JPMorgan BetaBuilders MSCI U.S. REIT ETF	-1.02%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XPH	SPDR S&P Pharmaceuticals ETF	31.22
PSCE	Invesco S&P SmallCap Energy ETF	36.89
XES	SPDR S&P Oil & Gas Equipment & Services ETF	37.70
FCG	First Trust Natural Gas ETF	38.43
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	38.65
FBT	First Trust NYSE Arca Biotechnology Index Fund	39.23
PJP	Invesco Pharmaceuticals ETF	39.41
IYE	iShares U.S. Energy ETF	39.75
PXI	Invesco Dorsey Wright Energy Momentum ETF	40.09
VDE	Vanguard Energy ETF	40.32

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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	\$3M	(\$680M)	\$1,003M	\$2,359M
Consumer Discretionary	12	\$25B	(\$25M)	(\$457M)	\$889M	\$922M
Consumer Staples	10	\$25B	(\$260M)	(\$3,389M)	(\$3,718M)	(\$1,269M)
Energy	30	\$72B	(\$307M)	\$2,450M	\$487M	(\$7,735M)
Financials	26	\$52B	\$68M	(\$5,976M)	(\$2,988M)	(\$4,705M)
Health Care	23	\$79B	(\$426M)	(\$3,697M)	(\$5,336M)	(\$8,053M)
Industrial	13	\$32B	(\$233M)	(\$1,485M)	\$807M	\$1,274M
Materials	9	\$11B	(\$107M)	(\$995M)	(\$2,009M)	(\$1,808M)
Multi-Sector	18	\$17B	(\$277M)	(\$747M)	\$1,949M	\$1,713M
Real Estate	25	\$51B	(\$75M)	(\$772M)	(\$10M)	(\$3,574M)
Technology	23	\$158B	\$733M	\$3,485M	\$3,412M	\$2,634M
Utilities	9	\$21B	\$175M	(\$836M)	(\$1,721M)	(\$1,381M)

U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SOXX	iShares Semiconductor ETF	\$286M	\$482M	\$465M	\$746M	\$9,330M
VFH	Vanguard Financials ETF	\$283M	(\$692M)	\$14M	(\$686M)	\$7,855M
XLK	Technology Select Sector SPDR Fund	\$271M	\$435M	\$995M	(\$1,180M)	\$52,477M
XLU	Utilities Select Sector SPDR Fund	\$195M	(\$97M)	(\$860M)	(\$331M)	\$13,617M
IYW	iShares U.S. Technology ETF	\$83M	\$1,008M	(\$384M)	\$398M	\$12,641M
XLV	Consumer Discretionary Select Sector SPDR Fu..	\$72M	\$235M	\$848M	\$310M	\$16,508M
VGT	Vanguard Information Technology ETF	\$66M	\$311M	\$59M	(\$1,084M)	\$53,555M
XLF	Financial Select Sector SPDR Fund	\$56M	(\$4,175M)	(\$1,243M)	(\$1,996M)	\$29,317M
IGV	iShares Expanded Tech-Software Sector ETF	\$53M	\$216M	\$646M	\$422M	\$6,919M
XLRE	Real Estate Select Sector SPDR Fund	\$36M	\$174M	\$295M	(\$241M)	\$4,367M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLP	Consumer Staples Select Sector SPDR Fund	(\$234M)	(\$1,459M)	(\$1,611M)	\$69M	\$15,369M
XLI	Industrial Select Sector SPDR Fund	(\$234M)	(\$1,088M)	\$662M	(\$415M)	\$13,934M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$228M)	(\$176M)	(\$217M)	(\$1,261M)	\$3,402M
XLV	Health Care Select Sector SPDR Fund	(\$177M)	(\$1,828M)	(\$2,698M)	(\$2,567M)	\$35,849M
KRE	SPDR S&P Regional Banking ETF	(\$149M)	(\$373M)	(\$561M)	\$7M	\$2,396M
XHB	SPDR S&P Homebuilders ETF	(\$142M)	(\$33M)	\$224M	\$73M	\$1,299M
VNQ	Vanguard Real Estate ETF	(\$120M)	(\$1,010M)	(\$616M)	(\$2,377M)	\$28,813M
VHT	Vanguard Health Care ETF	(\$114M)	(\$660M)	(\$538M)	(\$613M)	\$15,355M
KCE	SPDR S&P Capital Markets ETF	(\$92M)	\$99M	\$126M	\$129M	\$234M
FDN	First Trust Dow Jones Internet Index Fund	(\$89M)	(\$689M)	\$637M	\$20M	\$4,926M

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Communication Services



Consumer Discretionary



Consumer Staples



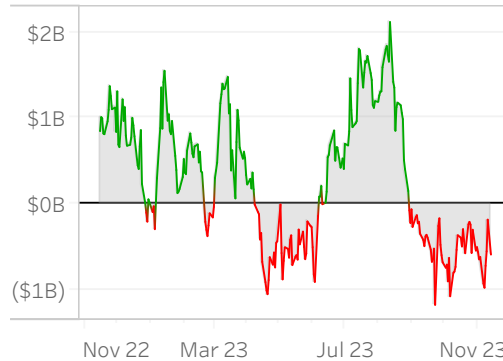
Energy



Financials



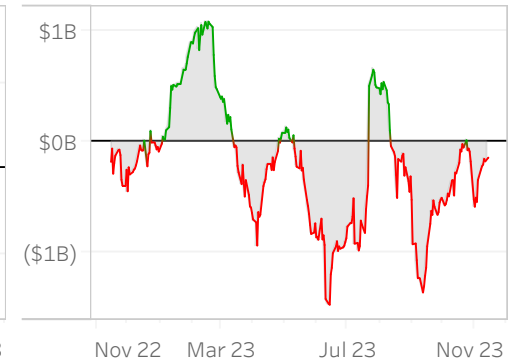
Industrial



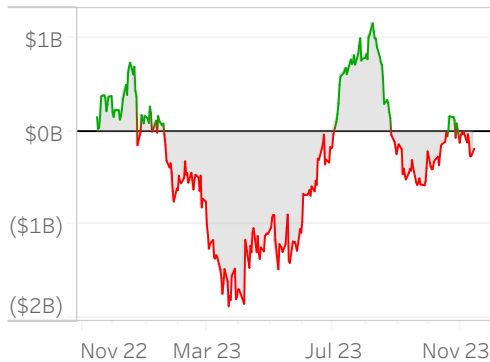
Health Care



Materials



Real Estate



Technology



Utilities

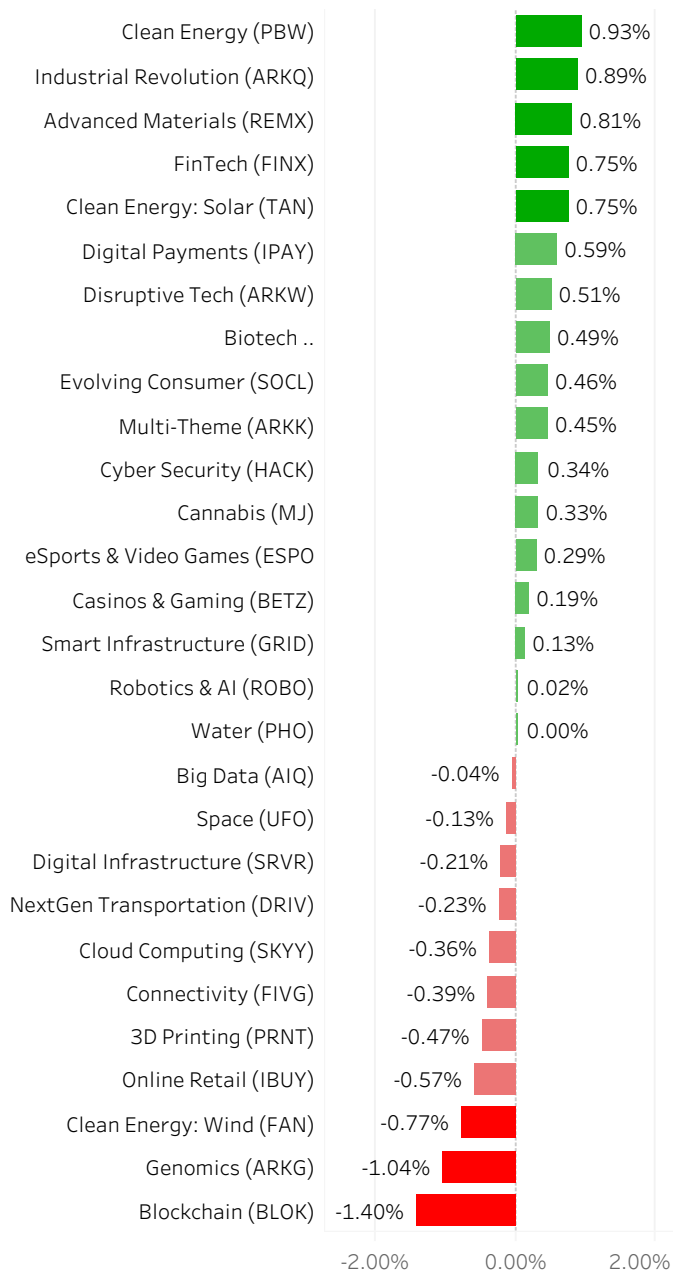


Multi-Sector

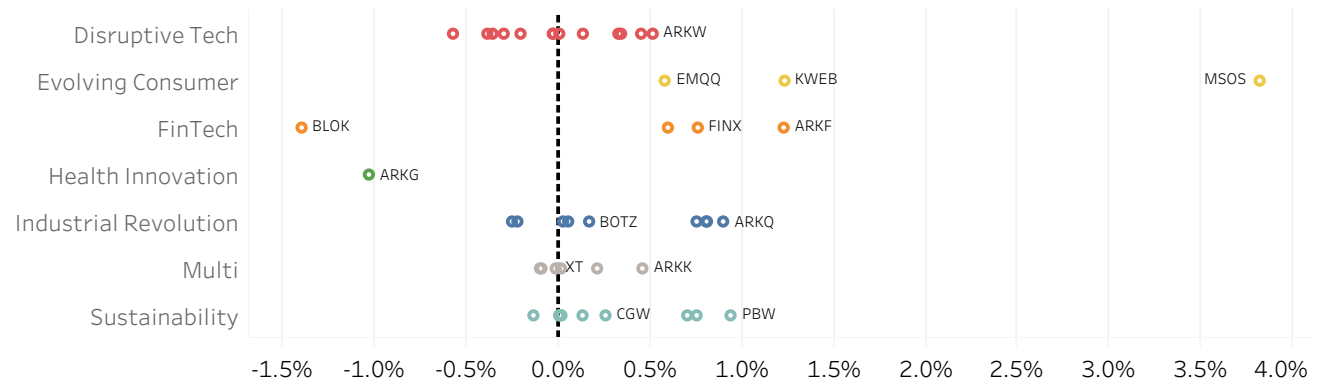


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
MJUS	ETFMG U.S. Alternative Harvest ETF	3.86%
MSOS	AdvisorShares Pure US Cannabis ETF	3.82%
BATT	Amplify Lithium & Battery Technology ETF	1.52%
HTEC	ROBO Global Healthcare Technology and Innovation ETF	1.27%
KWEB	KraneShares CSI China Internet ETF	1.23%
ARKF	ARK Fintech Innovation ETF	1.22%
SMOG	VanEck Low Carbon Energy ETF	1.21%
ARKX	ARK Space Exploration & Innovation ETF	1.05%
PBW	Invesco WilderHill Clean Energy ETF	0.93%
ARKQ	ARK Autonomous Technology & Robotics ETF	0.89%

Thematic Most Overbought

Ticker	Fund	Price
ESPO	VanEck Video Gaming and eSports ETF	70.04
HERO	Global X Video Games & Esports ETF	68.26
METV	Roundhill Ball Metaverse ETF	67.67
AIQ	Global X Artificial Intelligence & Technology ETF	64.20
ARKW	ARK Next Generation Internet ETF	64.09
ARKF	ARK Fintech Innovation ETF	63.64
BUG	Global X Cybersecurity ETF	62.68
HACK	ETFMG Prime Cyber Security ETF	62.61
TECB	iShares U.S. Tech Breakthrough Multisector ETF	62.57
NXTG	First Trust Indxx NextG ETF	62.23

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
BKCH	Global X Blockchain ETF	-3.64%
BITQ	Bitwise Crypto Industry Innovators ETF	-3.56%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	-2.27%
BLOK	Amplify Transformational Data Sharing ETF	-1.40%
ONLN	ProShares Online Retail ETF	-1.20%
ARKG	ARK Genomic Revolution ETF	-1.04%
GNOM	Global X Genomics & Biotechnology ETF	-0.85%
FAN	First Trust Global Wind Energy ETF	-0.77%
CLOU	Global X Cloud Computing ETF	-0.58%
IBUY	Amplify Online Retail ETF	-0.57%

Thematic Most Oversold

Ticker	Fund	Price
ACES	ALPS Clean Energy ETF	31.17
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	33.05
CTEC	Global X CleanTech ETF	34.95
REMX	VanEck Rare Earth/Strategic Metals ETF	35.04
PBW	Invesco WilderHill Clean Energy ETF	35.08
TAN	Invesco Solar ETF	36.10
LIT	Global X Lithium & Battery Tech ETF	37.68
ICLN	iShares Global Clean Energy ETF	38.19
CNRG	SPDR S&P Kensho Clean Power ETF	38.45
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	38.78

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
THNQ	ROBO Global Artificial Intelligence ETF	\$20M
AIQ	Global X Artificial Intelligence & Technology ETF	\$16M
TMAT	Main Thematic Innovation ETF	\$14M
LIT	Global X Lithium & Battery Tech ETF	\$8M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$6M
WTAI	WisdomTree Artificial Intelligence and Innovation Fund	\$4M
KWEB	KraneShares CSI China Internet ETF	\$3M
ARKW	ARK Next Generation Internet ETF	\$3M
HELX	Franklin Genomic Advancements ETF	\$3M
PBW	Invesco WilderHill Clean Energy ETF	\$3M

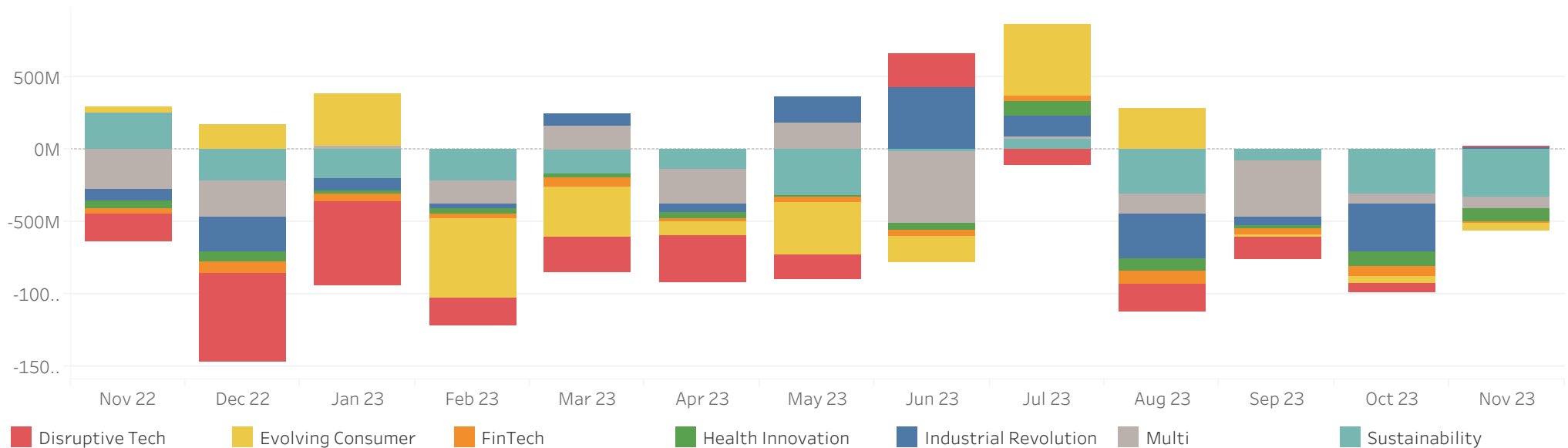
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$218M)
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	(\$117M)
GDOC	Goldman Sachs Future Health Care Equity ETF	(\$74M)
GTEK	Goldman Sachs Future Tech Leaders Equity ETF	(\$48M)
GBUY	Goldman Sachs Future Consumer Equity ETF	(\$46M)
ARKG	ARK Genomic Revolution ETF	(\$35M)
ICLN	iShares Global Clean Energy ETF	(\$27M)
TAN	Invesco Solar ETF	(\$27M)
ACES	ALPS Clean Energy ETF	(\$11M)
ESPO	VanEck Video Gaming and eSports ETF	(\$8M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$16B	\$5M	(\$316M)	(\$346M)	(\$2,577M)
Evolving Consumer	37	\$8B	(\$61M)	(\$178M)	\$395M	(\$318M)
FinTech	17	\$2B	(\$5M)	(\$167M)	(\$210M)	(\$521M)
Health Innovation	18	\$2B	(\$99M)	(\$261M)	(\$272M)	(\$531M)
Industrial Revolution	30	\$9B	(\$12M)	(\$485M)	\$140M	(\$337M)
Multi	34	\$13B	(\$211M)	(\$480M)	(\$1,042M)	(\$1,733M)
Sustainability	40	\$12B	(\$193M)	(\$862M)	(\$1,169M)	(\$2,002M)
Grand Total	210	\$63B	(\$576M)	(\$2,749M)	(\$2,504M)	(\$8,020M)

Thematic Monthly Flows

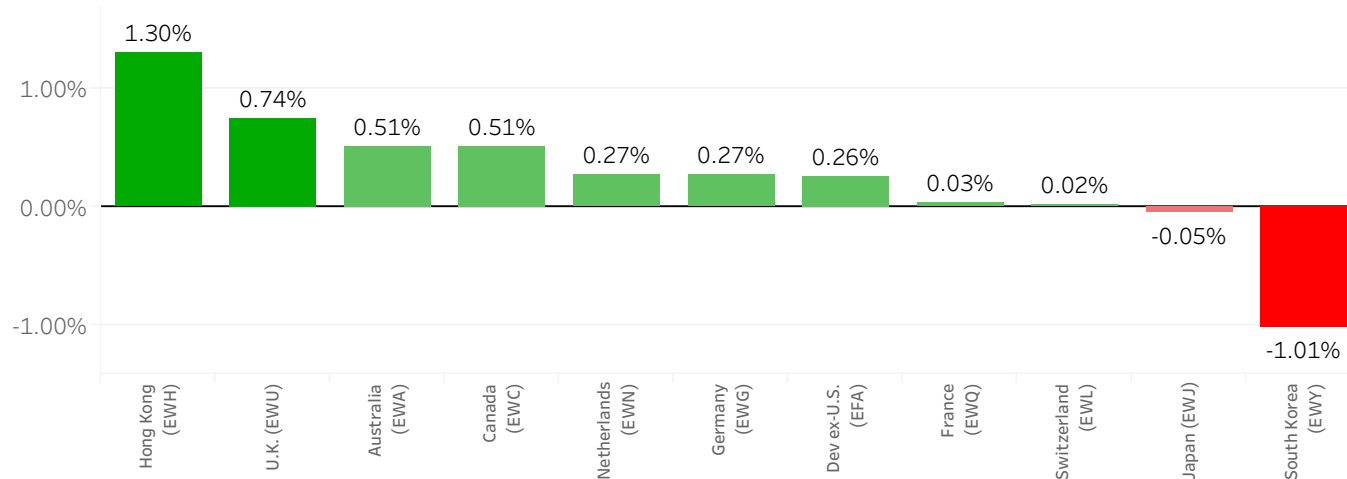


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



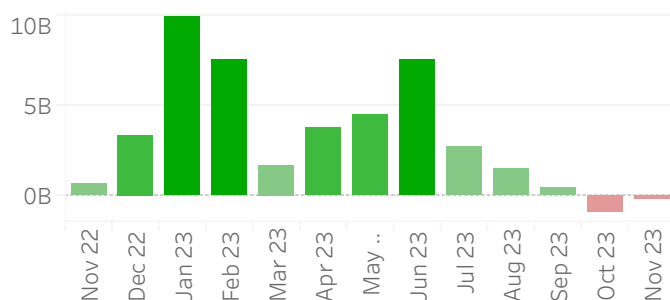
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWH	iShares MSCI Hong Kong ETF	1.30%
FYLD	Cambria Foreign Shareholder Yield ETF	1.02%
IMOM	Alpha Architect International Quantitative Momentum ETF	0.97%
AIVI	WisdomTree International AI Enhanced Value Fund	0.86%
EWS	iShares MSCI Singapore ETF	0.78%
EWU	iShares MSCI United Kingdom ETF	0.74%
EWI	iShares MSCI Italy ETF	0.74%
FEP	First Trust Europe AlphaDEX Fund	0.73%
NORW	Global X MSCI Norway ETF	0.70%
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Japan ETF	0.69%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
EWN	iShares MSCI Netherlands ETF	67.98
EWP	iShares MSCI Spain ETF	65.82
BKCI	BNY Mellon Concentrated International ETF	64.85
FEZ	SPDR EURO STOXX 50 ETF	63.53
EZU	iShares MSCI Eurozone ETF	62.55
HEZU	iShares Currency Hedged MSCI Eurozone ETF	62.32
EWI	iShares MSCI Italy ETF	62.32
IMOM	Alpha Architect International Quantitative Momentum ETF	62.26
TOK	iShares MSCI Kokusai ETF	61.72
EWG	iShares MSCI Germany ETF	60.69

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EIS	iShares MSCI Israel ETF	-1.38%
ENZL	iShares MSCI New Zealand ETF	-1.26%
EWY	iShares MSCI South Korea ETF	-1.01%
FSZ	First Trust Switzerland AlphaDEX Fund	-0.95%
FLKR	Franklin FTSE South Korea ETF	-0.93%
ISRA	VanEck Israel ETF	-0.85%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	-0.41%
JIRE	JPMorgan International Research Enhanced Equity ETF	-0.36%
DDLS	WisdomTree Dynamic Currency Hedged International Sma..	-0.20%
SCHC	Schwab International Small-Cap Equity ETF	-0.19%

Developed ex-U.S. Most Oversold

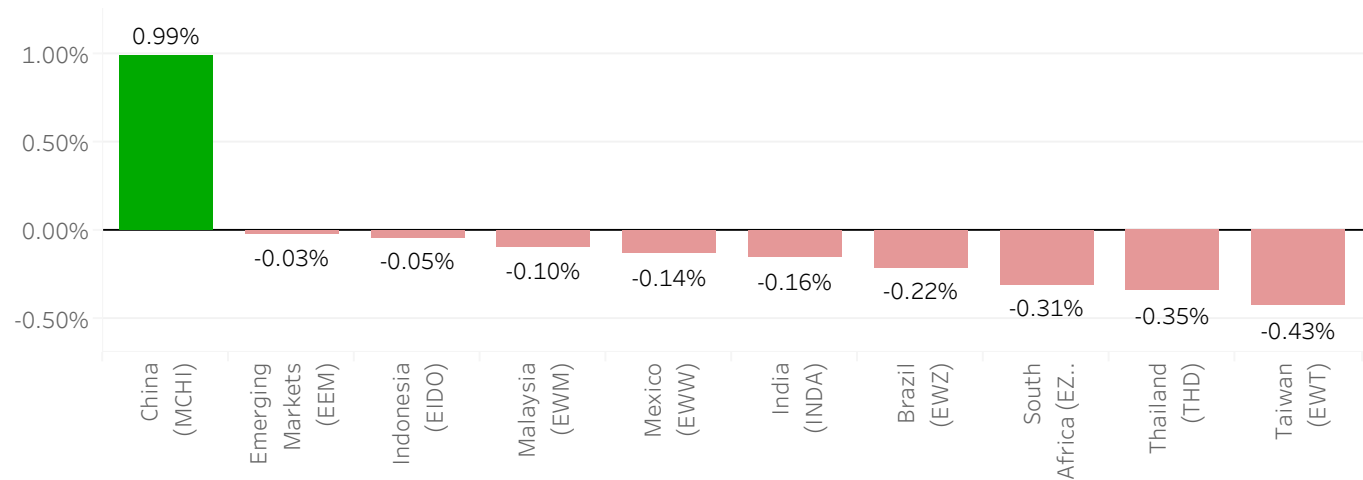
Ticker	Fund	Price
ENZL	iShares MSCI New Zealand ETF	47.41
PTIN	Pacer Trendpilot International ETF	48.09
ICOW	Pacer Developed Markets International Cash Cows 1..	49.72
EWL	iShares MSCI Switzerland ETF	49.74
SCJ	iShares MSCI Japan Small-Cap ETF	50.17
ISRA	VanEck Israel ETF	50.37
EWH	iShares MSCI Hong Kong ETF	50.65
DFJ	WisdomTree Japan SmallCap Dividend Fund	50.84
DFIV	Dimensional International Value ETF	51.48
IVAL	Alpha Architect International Quantitative Value ETF	51.64

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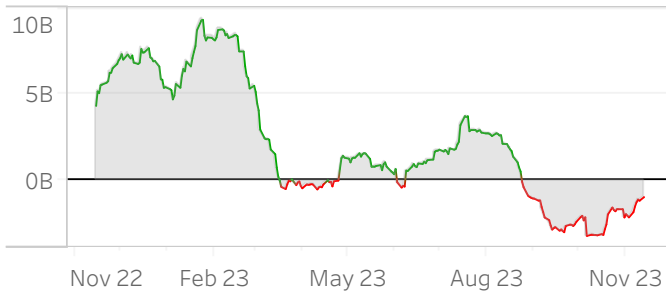
Emerging (EEM)



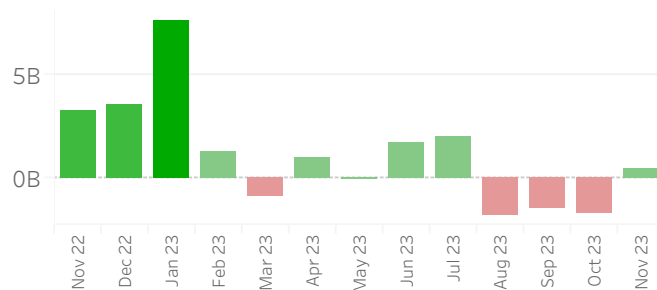
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
FXI	iShares China Large-Cap ETF	1.32%
GXC	SPDR S&P China ETF	1.22%
GLIN	VanEck India Growth Leaders ETF	1.03%
ECNS	iShares MSCI China Small-Cap ETF	1.00%
MCHI	iShares MSCI China ETF	0.99%
FLCH	Franklin FTSE China ETF	0.82%
CNYA	iShares MSCI China A ETF	0.77%
EDIV	SPDR S&P Emerging Markets Dividend ETF	0.64%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	0.60%
BKF	iShares MSCI BIC ETF	0.58%

Emerging Most Overbought

Ticker	Fund	Price
GLIN	VanEck India Growth Leaders ETF	64.83
SMIN	iShares MSCI India Small Cap ETF	64.08
FLBR	Franklin FTSE Brazil ETF	63.99
EWZ	iShares MSCI Brazil ETF	63.36
FLLA	Franklin FTSE Latin America ETF	62.90
ILF	iShares Latin America 40 ETF	61.77
EPOL	iShares MSCI Poland ETF	61.76
FLTW	Franklin FTSE Taiwan ETF	61.02
DVYE	iShares Emerging Markets Dividend ETF	60.65
FLN	First Trust Latin America AlphaDEX Fund	60.13

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
TUR	iShares MSCI Turkey ETF	-2.63%
PIE	Invesco Dorsey Wright Emerging Markets Momentum E..	-1.13%
EPU	iShares MSCI Peru and Global Exposure ETF	-1.08%
EPHE	iShares MSCI Philippines ETF	-1.05%
NUEM	Nuveen ESG Emerging Markets Equity ETF	-1.03%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	-0.95%
EYLD	Cambria Emerging Shareholder Yield ETF	-0.93%
EPOL	iShares MSCI Poland ETF	-0.79%
KSA	iShares MSCI Saudi Arabia ETF	-0.70%
EELV	Invesco S&P Emerging Markets Low Volatility ETF	-0.66%

Emerging Most Oversold

Ticker	Fund	Price
TUR	iShares MSCI Turkey ETF	38.42
RAYC	Rayliant Quantamental China Equity ETF	41.22
EPU	iShares MSCI Peru and Global Exposure ETF	41.98
THD	iShares MSCI Thailand ETF	43.14
EIDO	iShares MSCI Indonesia ETF	44.49
KWT	iShares MSCI Kuwait ETF	44.56
FEMS	First Trust Emerging Markets Small Cap AlphaDEX F..	46.19
PGJ	Invesco Golden Dragon China ETF	46.84
ECH	iShares MSCI Chile ETF	46.91
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	46.95

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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	-0.01%	0.63%	-0.56%
SHY	1-3 Year Treasury Bonds	0.04%	0.41%	2.25%
IEF	7-10 Year Treasury Bonds	-0.05%	0.15%	-2.56%
TLT	20+ Year Treasury Bonds	-0.23%	0.54%	-9.33%
TIP	TIPS Bonds	-0.07%	0.37%	-0.22%
FLOT	Floating Rate Bonds	0.00%	0.44%	5.52%
LQD	Investment Grade Corporate	0.01%	1.16%	0.29%
HYG	High Yield Corporate	-0.09%	2.25%	5.63%
BKLN	Senior Loan	0.05%	0.82%	10.15%
PFF	Preferred & Income Securities	0.52%	3.26%	2.70%
MUB	Municipal Bonds	0.13%	1.29%	0.52%
MBB	MBS	-0.07%	0.97%	-1.77%
EMB	Dollar Denominated EM Bonds	-0.53%	1.73%	1.45%
LEMB	Local Currency EM Bond	0.09%	2.68%	1.58%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	2.08%	-1.63%	-5.37%
DBE	Energy	1.81%	-5.11%	-3.26%
USO	WTI Crude Oil	1.57%	-7.68%	4.01%
BNO	Brent Crude Oil	1.56%	-7.33%	3.78%
UNG	Natural Gas	6.16%	-10.40%	-52.34%
UGA	Gasoline	2.62%	-0.09%	6.39%
DBP	Precious Metals	0.62%	0.54%	3.09%
GLD	Gold	0.56%	0.94%	6.41%
SLV	Silver	0.44%	-1.68%	-7.22%
PPLT	abrdn Physical Platin..	2.46%	-1.76%	-19.49%
PALL	abrdn Physical Palla..	1.87%	-14.02%	-44.89%
DBB	Base Metals	0.59%	2.70%	-4.32%
CPER	Copper	1.69%	3.12%	-1.13%
DBA	Agriculture	1.45%	2.99%	10.97%
CORN	Corn	2.58%	-2.24%	-17.23%
SOYB	Soybeans	2.67%	6.19%	1.12%
WEAT	Wheat	0.52%	-0.34%	-27.44%
CANE	Sugar	0.98%	2.47%	60.43%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.13%	-0.43%	7.16%
UDN	Short Dollar	0.16%	1.26%	0.16%
FXE	Euro	0.16%	1.97%	1.31%
FXB	British Pound Sterling	0.37%	1.31%	4.13%
FXF	Swiss Franc	0.04%	0.04%	2.22%
FXJ	Japanese Yen	0.00%	-1.34%	-13.88%
FXC	Canadian Dollar	0.04%	-0.89%	-0.05%
FXA	Australian Dollar	0.29%	1.45%	-5.33%

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