

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

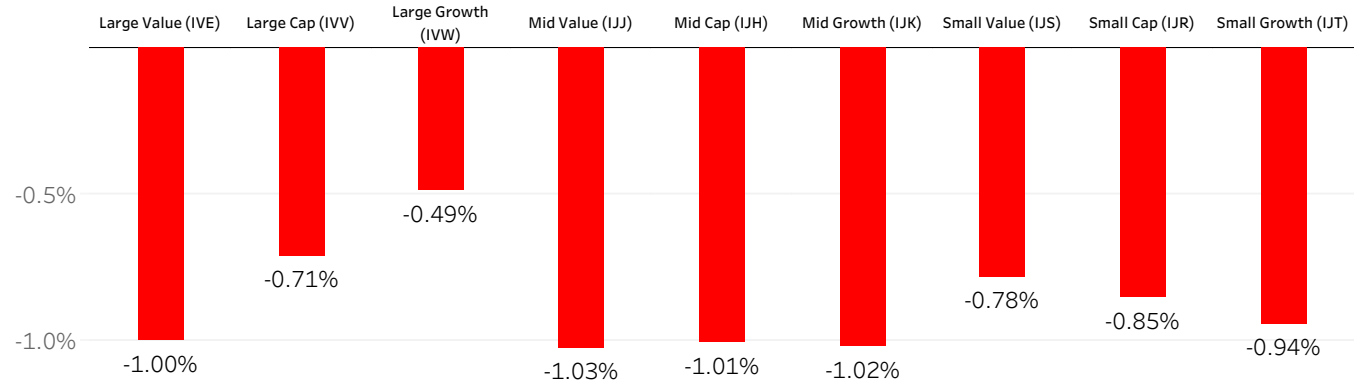


Small Cap Blend (S&P 600) IJR



■ 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
QVAL	Alpha Architect US Quantitative Value ETF	0.44%
SPMO	Invesco S&P 500 Momentum ETF	0.32%
SQEW	LeaderShares Equity Skew ETF	0.31%
QMOM	Momentumshares US Quantitative Momentum ETF	0.20%
ABEQ	Absolute Select Value ETF	0.18%
HDV	iShares Core High Dividend ETF	0.12%
DIVZ	TrueShares Low Volatility Equity Income ETF	0.10%
XSVM	Invesco S&P SmallCap Value with Momentum ETF	0.08%
AUSF	Global X Adaptive U.S. Factor ETF	0.07%
PTLC	Pacer Trendpilot US Large Cap ETF	-0.03%

Size & Style Most Overbought

Ticker	Fund	Price
RFV	Invesco S&P Midcap 400 Pure Value ETF	63.85
TMFS	Motley Fool Small-Cap Growth ETF	63.10
RZV	Invesco S&P Smallcap 600 Pure Value ETF	60.51
LSAT	Leadershares Alphafactor Tactical Focused ETF	59.08
SQEW	LeaderShares Equity Skew ETF	58.72
RWK	Invesco S&P MidCap 400 Revenue ETF	58.18
FYT	First Trust Small Cap Value AlphaDEX Fund	57.50
JSML	Janus Henderson Small Cap Growth Alpha ETF	57.45
FNK	First Trust Mid Cap Value AlphaDEX Fund	57.41
GVIP	Goldman Sachs Hedge Industry VIP ETF	57.07

Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
AIEQ	AI Powered Equity ETF	-2.36%
IPO	Renaissance IPO ETF	-2.04%
BUZZ	VanEck Social Sentiment ETF	-2.03%
SPHB	Invesco S&P 500 High Beta ETF	-1.95%
FFTY	Innovator IBD 50 ETF	-1.95%
NUMG	Nuveen ESG Mid-Cap Growth ETF	-1.79%
ETHO	Etho Climate Leadership U.S. ETF	-1.75%
FPX	First Trust US Equity Opportunities ETF	-1.54%
NOBL	ProShares S&P 500 Dividend Aristocrats ETF	-1.52%
QQXT	First Trust Nasdaq-100 Ex-Technology Sector Index Fund	-1.52%

Size & Style Most Oversold

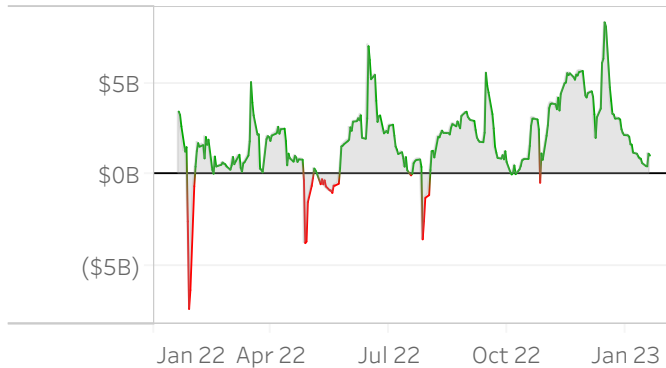
Ticker	Fund	Price
ONOF	Global X Adaptive U.S. Risk Management ETF	32.19
WBI	WBI BullBear Yield 3000 ETF	33.12
HUSV	First Trust Horizon Managed Volatility Domestic ETF	35.68
XRLV	Invesco S&P 500 ex-Rate Sensitive Low Volatility ETF	36.83
DVOL	First Trust Dorsey Wright Momentum & Low Volatility ETF	36.92
ALTL	Pacer Lunt Large Cap Alternator ETF	37.11
SPLV	Invesco S&P 500 Low Volatility ETF	37.41
RPHS	Regents Park Hedged Market Strategy ETF	37.67
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	38.16
AUSF	Global X Adaptive U.S. Factor ETF	38.75

*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	25	\$1,205B	(\$1.90B)	(\$1.74B)	\$28.10B	\$68.56B
Large Cap, Beta, Beta: Growth	10	\$220B	(\$0.31B)	\$7.24B	\$12.97B	\$22.88B
Large Cap, Beta, Beta: Value	11	\$224B	(\$0.60B)	(\$0.55B)	\$2.21B	\$16.60B
Mid Cap, Beta, Beta	10	\$185B	\$0.07B	\$4.15B	\$7.07B	\$11.87B
Mid Cap, Beta, Beta: Growth	6	\$33B	(\$0.10B)	(\$0.10B)	\$0.92B	\$0.74B
Mid Cap, Beta, Beta: Value	6	\$41B	(\$0.06B)	\$0.32B	\$1.55B	\$1.28B
Small Cap, Beta, Beta	13	\$196B	\$0.32B	\$3.57B	\$7.43B	\$2.02B
Small Cap, Beta, Beta: Growth	7	\$32B	(\$0.05B)	\$0.72B	\$1.18B	\$1.94B
Small Cap, Beta, Beta: Value	7	\$51B	(\$0.03B)	\$1.18B	\$0.18B	(\$2.92B)

U.S. Size & Style Flow Leaders

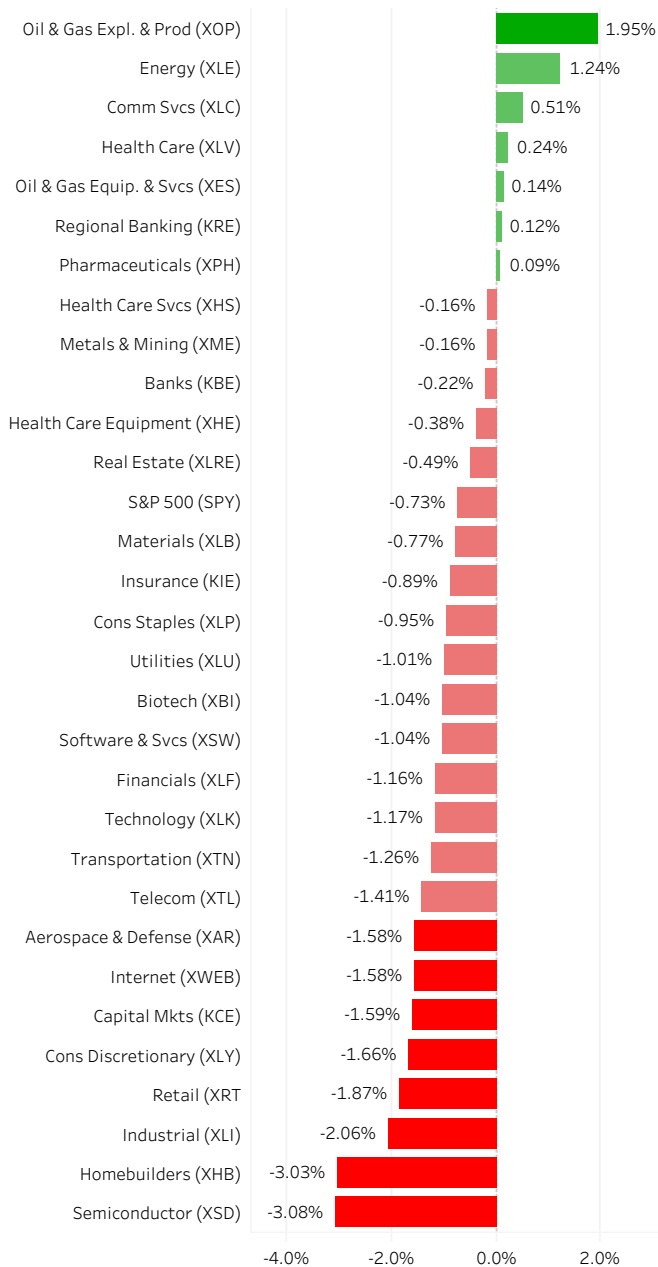
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
FTCS	First Trust Capital Strength ETF	\$1.62B	\$1.92B	\$2.04B	\$0.22B	\$10.32B
VTI	Vanguard Total Stock Market ETF	\$0.70B	\$5.75B	\$13.64B	\$25.13B	\$269.77B
VB	Vanguard Small-Cap ETF	\$0.36B	\$0.72B	\$1.34B	\$0.27B	\$43.30B
VOO	Vanguard S&P 500 ETF	\$0.33B	\$1.99B	\$13.05B	\$40.98B	\$269.35B
VTV	Vanguard Value ETF	\$0.30B	(\$3.54B)	(\$1.39B)	\$10.07B	\$100.30B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.29B	\$2.64B	\$2.96B	\$4.78B	\$34.71B
SCHD	Schwab US Dividend Equity ETF	\$0.27B	\$4.76B	\$8.46B	\$15.27B	\$45.70B
VUG	Vanguard Growth ETF	\$0.24B	\$2.02B	\$4.16B	\$9.66B	\$71.73B
VONG	Vanguard Russell 1000 Growth ETF	\$0.23B	\$1.39B	\$3.06B	\$3.63B	\$9.61B
COWZ	Pacer US Cash Cows 100 ETF	\$0.20B	\$2.63B	\$4.41B	\$9.58B	\$11.28B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	(\$1.49B)	(\$4.49B)	(\$6.93B)	(\$0.90B)	\$147.20B
IWF	iShares Russell 1000 Growth ETF	(\$0.85B)	\$0.75B	\$1.32B	\$2.77B	\$59.24B
IWD	iShares Russell 1000 Value ETF	(\$0.83B)	(\$0.91B)	(\$0.47B)	(\$1.27B)	\$53.39B
SPY	SPDR S&P 500 ETF Trust	(\$0.48B)	(\$0.09B)	\$10.00B	(\$6.02B)	\$365.19B
HDV	iShares Core High Dividend ETF	(\$0.39B)	(\$0.66B)	(\$0.39B)	\$4.88B	\$12.54B
ITOT	iShares Core S&P Total U.S. Stock Market ETF	(\$0.39B)	(\$1.42B)	(\$2.30B)	\$1.27B	\$39.53B
IWM	iShares Russell 2000 ETF	(\$0.28B)	\$0.66B	\$0.69B	(\$2.01B)	\$53.67B
IWN	iShares Russell 2000 Value ETF	(\$0.20B)	(\$0.06B)	\$0.27B	(\$1.89B)	\$12.18B
IWB	iShares Russell 1000 ETF	(\$0.17B)	\$0.01B	\$0.77B	\$1.64B	\$28.00B
VIG	Vanguard Dividend Appreciation ETF	(\$0.17B)	\$0.66B	\$1.41B	\$3.57B	\$65.34B

* 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)
XLE	Energy Select Sector SPDR Fund	-4.77%	33.82%	1.49%	9.75%	56.88
XLV	Health Care Select Sector SPDR Fund	-6.71%	11.14%	-2.00%	1.97%	41.42
XLI	Industrial Select Sector SPDR Fund	-6.76%	17.85%	-2.12%	3.87%	40.96
XLB	Materials Select Sector SPDR Fund	-10.38%	20.54%	0.65%	3.71%	52.35
XLP	Consumer Staples Select Sector SPDR Fund	-10.56%	8.36%	-4.05%	-2.07%	32.88
XLU	Utilities Select Sector SPDR Fund	-11.90%	11.87%	-2.37%	-3.05%	38.14
XLF	Financial Select Sector SPDR Fund	-15.20%	14.89%	-0.57%	3.19%	47.35
SPY	SPDR S&P 500 ETF Trust	-15.80%	9.00%	-0.96%	-1.37%	48.31
XLK	Technology Select Sector SPDR Fund	-22.05%	9.71%	-1.16%	-3.67%	50.45
XLRE	Real Estate Select Sector SPDR Fund	-23.38%	14.81%	1.73%	-4.37%	54.83
XLY	Consumer Discretionary Select Sector SPDR Fund	-29.15%	7.47%	-0.99%	-8.56%	51.07
XLC	Communication Services Select Sector SPDR Fund	-32.32%	13.39%	3.60%	-4.23%	60.73

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PXE	Invesco Dynamic Energy Exploration & Production ..	2.32%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	1.95%
FTXN	First Trust Nasdaq Oil & Gas ETF	1.78%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	1.76%
FCG	First Trust Natural Gas ETF	1.70%
PXI	Invesco DWA Energy Momentum ETF	1.60%
RYE	Invesco S&P 500 Equal Weight Energy ETF	1.42%
PSCE	Invesco S&P SmallCap Energy ETF	1.35%
XLE	Energy Select Sector SPDR Fund	1.24%
VDE	Vanguard Energy ETF	1.13%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
KBWD	Invesco KBW High Dividend Yield Financial ETF	65.61
PNQI	Invesco NASDAQ Internet ETF	63.29
PEJ	Invesco Dynamic Leisure & Entertainment ETF	62.55
REM	iShares Mortgage Real Estate ETF	62.52
INDS	Pacer Industrial Real Estate ETF	61.64
VOX	Vanguard Communication Services ETF	61.38
FCOM	Fidelity MSCI Communication Services Index ETF	61.24
XLC	Communication Services Select Sector SPDR Fund	60.73
XTN	SPDR S&P Transportation ETF	60.53
MORT	VanEck Mortgage REIT Income ETF	60.27

Sector & Industry 1 Day Performance Laggards

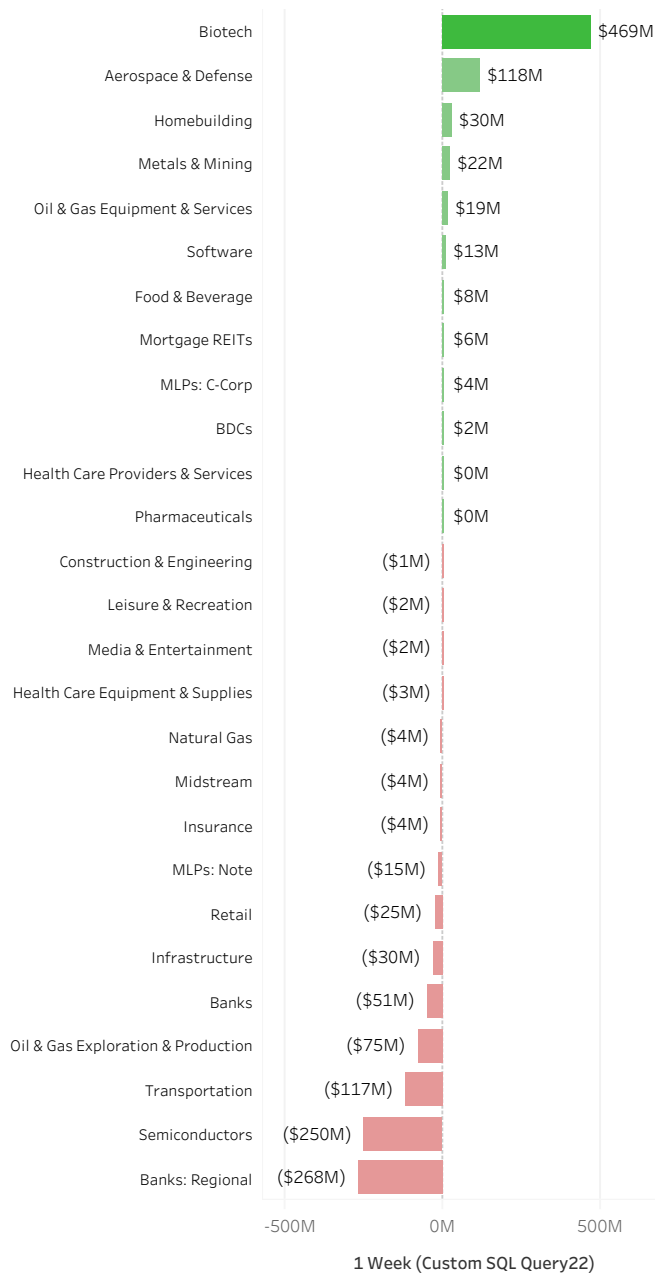
Ticker	Fund	1 Day Performance
XSD	SPDR S&P Semiconductor ETF	-3.08%
PTF	Invesco DWA Technology Momentum ETF	-3.03%
XHB	SPDR S&P Homebuilders ETF	-3.03%
SOXX	iShares Semiconductor ETF	-2.81%
SOXQ	Invesco PHLX Semiconductor ETF	-2.64%
ITB	iShares U.S. Home Construction ETF	-2.56%
PSI	Invesco Dynamic Semiconductors ETF	-2.55%
FTXL	First Trust Nasdaq Semiconductor ETF	-2.51%
RGI	Invesco S&P 500 Equal Weight Industrials ETF	-2.21%
IAI	iShares U.S. Broker-Dealers & Securities Exchanges ETF	-2.16%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IYK	iShares U.S. Consumer Staples ETF	31.36
XLP	Consumer Staples Select Sector SPDR Fund	32.88
FTXG	First Trust Nasdaq Food & Beverage ETF	33.05
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	34.14
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPLES I..	34.45
VDC	Vanguard Consumer Staples ETF	34.55
PBJ	Invesco Dynamic Food & Beverage ETF	35.19
QABA	First Trust NASDAQ ABA Community Bank Index Fund	37.74
IDU	iShares U.S. Utilities ETF	37.95
RYU	Invesco S&P 500 Equal Weight Utilities ETF	38.05

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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	\$12B	(\$52M)	\$60M	(\$242M)	(\$771M)
Consumer Discretionary	12	\$20B	\$20M	(\$372M)	\$21M	(\$5,707M)
Consumer Staples	10	\$29B	(\$64M)	\$1,743M	\$2,708M	\$6,825M
Energy	32	\$81B	\$49M	(\$640M)	(\$552M)	(\$3,140M)
Financials	26	\$59B	(\$637M)	(\$401M)	\$428M	(\$17,451M)
Health Care	23	\$97B	\$569M	\$3,445M	\$2,487M	\$10,484M
Industrial	13	\$31B	(\$292M)	\$1,879M	\$1,240M	(\$2,098M)
Materials	9	\$15B	\$81M	\$327M	(\$997M)	(\$1,440M)
Multi-Sector	19	\$13B	(\$12M)	(\$114M)	(\$1,767M)	(\$6,639M)
Real Estate	25	\$61B	(\$58M)	\$316M	(\$1,069M)	(\$6,145M)
Technology	23	\$114B	(\$482M)	\$499M	\$246M	(\$1,330M)
Utilities	9	\$26B	(\$58M)	(\$435M)	(\$41M)	\$4,972M

U.S. Sector & Industry Flow Leaders

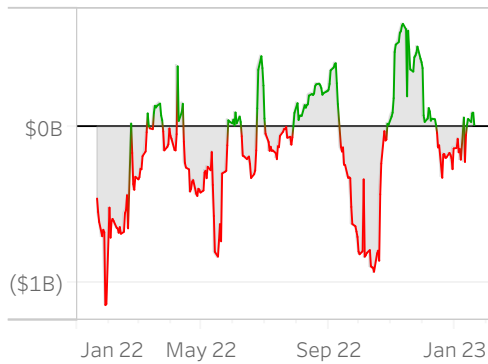
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XBI	SPDR S&P BIOTECH ETF	\$511M	\$1,608M	\$1,117M	\$3,736M	\$9,140M
XLE	Energy Select Sector SPDR Fund	\$143M	(\$644M)	\$196M	(\$2,477M)	\$41,336M
ITA	iShares U.S. Aerospace & Defense ETF	\$104M	\$700M	\$660M	\$2,163M	\$4,791M
RCD	Invesco S&P 500 Equal Weight Consumer Discr..	\$90M	\$186M	\$239M	\$198M	\$575M
FUTY	Fidelity MSCI Utilities Index ETF	\$55M	\$97M	\$154M	\$1,046M	\$2,196M
RHS	Invesco S&P 500 Equal Weight Consumer Stapl..	\$54M	\$94M	\$140M	\$260M	\$734M
XLV	Health Care Select Sector SPDR Fund	\$53M	\$1,368M	\$926M	\$6,300M	\$40,885M
VFH	Vanguard Financials ETF	\$41M	(\$163M)	(\$320M)	(\$1,816M)	\$8,897M
XLB	Materials Select Sector SPDR Fund	\$38M	\$83M	(\$534M)	(\$1,744M)	\$5,915M
DFAR	Dimensional US Real Estate ETF	\$35M	\$236M	\$355M	\$533M	\$525M

U.S. Sector & Industry Flow Laggards

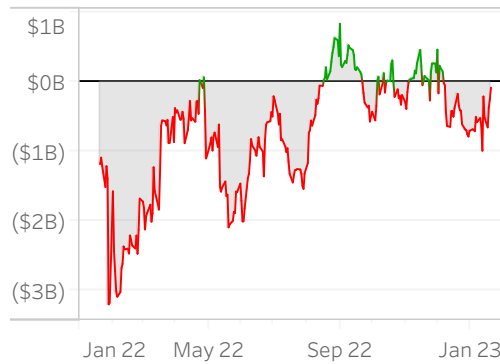
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$343M)	\$819M	\$1,233M	(\$9,282M)	\$32,388M
XLI	Industrial Select Sector SPDR Fund	(\$306M)	\$868M	\$481M	(\$2,733M)	\$14,240M
KRE	SPDR S&P Regional Banking ETF	(\$275M)	(\$913M)	(\$615M)	(\$2,450M)	\$2,296M
SOXX	iShares Semiconductor ETF	(\$251M)	(\$97M)	(\$346M)	(\$606M)	\$6,520M
XLK	Technology Select Sector SPDR Fund	(\$169M)	(\$141M)	\$559M	\$437M	\$38,949M
XLP	Consumer Staples Select Sector SPDR Fund	(\$165M)	\$1,079M	\$1,770M	\$3,190M	\$16,930M
XLU	Utilities Select Sector SPDR Fund	(\$98M)	(\$399M)	(\$253M)	\$3,152M	\$15,939M
XTN	SPDR S&P Transportation ETF	(\$81M)	(\$102M)	(\$149M)	(\$333M)	\$356M
VGT	Vanguard Information Technology ETF	(\$75M)	\$56M	(\$835M)	(\$498M)	\$40,382M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$62M)	(\$157M)	(\$564M)	(\$1,214M)	\$4,192M

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Communication Services



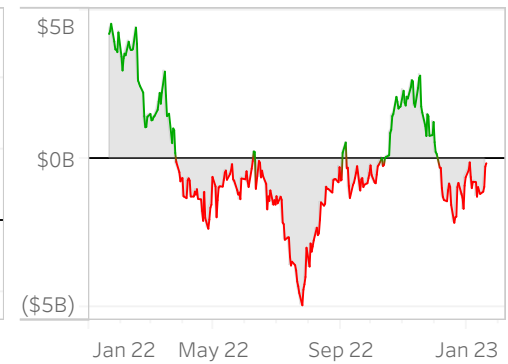
Consumer Discretionary



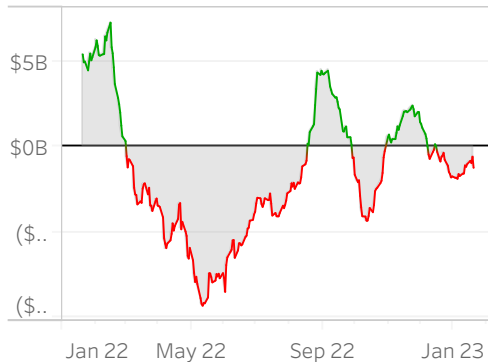
Consumer Staples



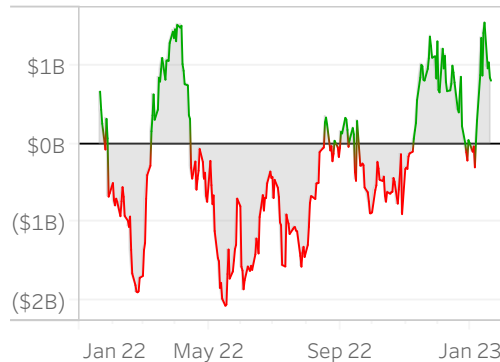
Energy



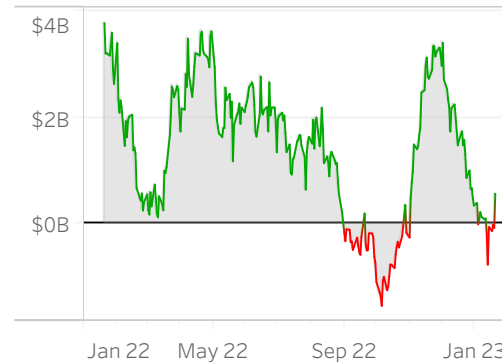
Financials



Industrial



Health Care



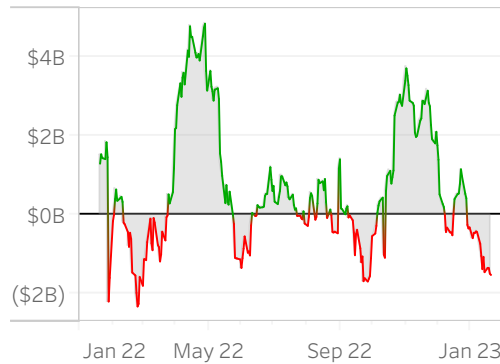
Materials



Real Estate



Technology



Utilities

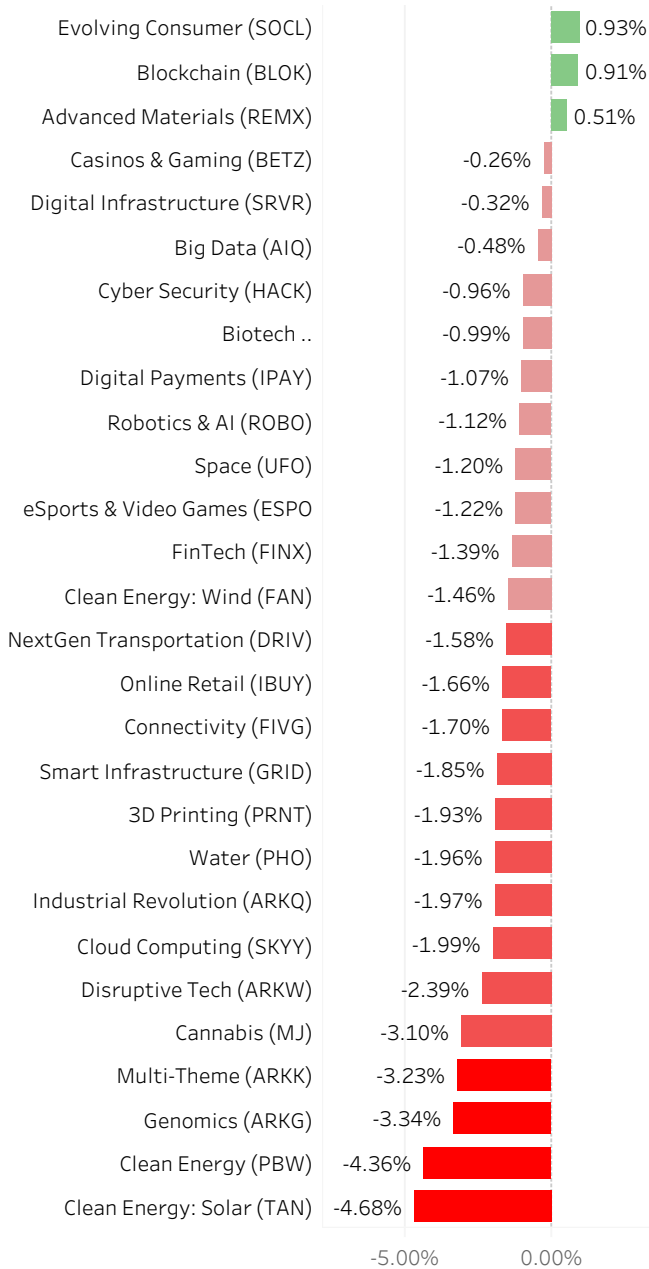


Multi-Sector

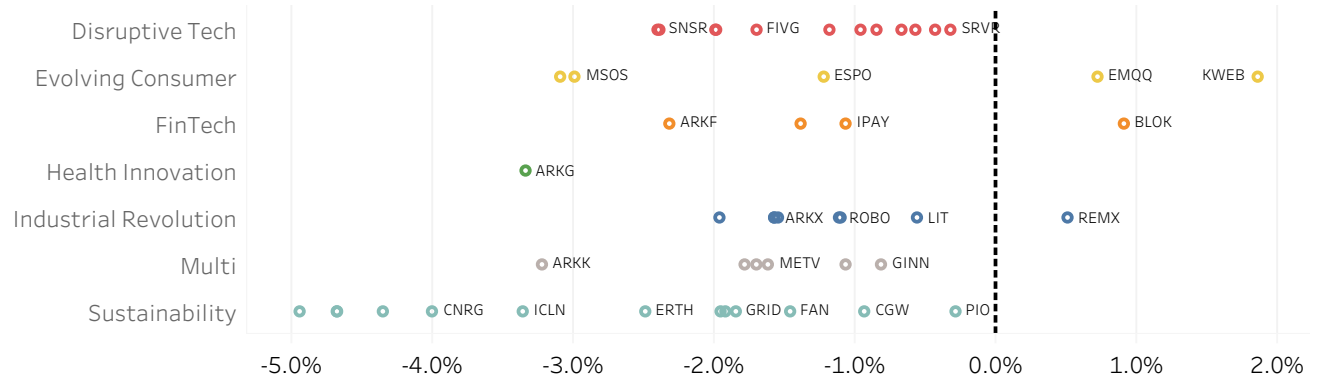


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
KWEB	KraneShares CSI China Internet ETF	1.86%
BJK	VanEck Gaming ETF	1.46%
BITQ	Bitwise Crypto Industry Innovators ETF	1.40%
AWAY	ETFMG Travel Tech ETF	0.98%
SOCL	Global X Social Media ETF	0.93%
BLOK	Amplify Transformational Data Sharing ETF	0.91%
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	0.72%
KGRN	KraneShares MSCI China Clean Technology Index ETF	0.67%
REMX	VanEck Rare Earth/Strategic Metals ETF	0.51%
BKCH	Global X Blockchain ETF	0.26%

Thematic Most Overbought

Ticker	Fund	Price
AWAY	ETFMG Travel Tech ETF	77.40
SOCL	Global X Social Media ETF	66.81
BJK	VanEck Gaming ETF	66.40
EBIZ	Global X E-Commerce ETF	66.38
BITQ	Bitwise Crypto Industry Innovators ETF	66.03
BKCH	Global X Blockchain ETF	64.70
ROBO	ROBO Global Robotics & Automation Index ETF	64.43
GBUY	Goldman Sachs Future Consumer Equity ETF	63.70
BLOK	Amplify Transformational Data Sharing ETF	63.27
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	62.96

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
MJUS	ETFMG U.S. Alternative Harvest ETF	-6.84%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	-4.95%
ACES	ALPS Clean Energy ETF	-4.69%
TAN	Invesco Solar ETF	-4.68%
PBW	Invesco WilderHill Clean Energy ETF	-4.36%
CNRG	SPDR S&P Kensho Clean Power ETF	-4.01%
CTEC	Global X CleanTech ETF	-3.71%
YOLO	AdvisorShares Pure Cannabis ETF	-3.42%
ICLN	iShares Global Clean Energy ETF	-3.36%
ARKG	ARK Genomic Revolution ETF	-3.34%

Thematic Most Oversold

Ticker	Fund	Price
MJUS	ETFMG U.S. Alternative Harvest ETF	34.28
MSOS	AdvisorShares Pure US Cannabis ETF	36.91
SAMT	Strategas Macro Thematic Opportunities ETF	39.02
MJ	ETFMG Alternative Harvest ETF	42.37
YOLO	AdvisorShares Pure Cannabis ETF	42.49
HACK	ETFMG Prime Cyber Security ETF	42.94
IHAK	iShares Cybersecurity & Tech ETF	44.49
BUG	Global X Cybersecurity ETF	44.49
CIBR	First Trust NASDAQ Cybersecurity ETF	45.07
PHO	Invesco Water Resources ETF	46.05

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	\$129M
ARKF	ARK Fintech Innovation ETF	\$11M
XT	iShares Exponential Technologies ETF	\$10M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$10M
ROBO	ROBO Global Robotics & Automation Index ETF	\$8M
TAN	Invesco Solar ETF	\$7M
FAN	First Trust Global Wind Energy ETF	\$7M
AGNG	Global X Aging Population ETF	\$6M
WNDY	Global X Wind Energy ETF	\$5M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$4M

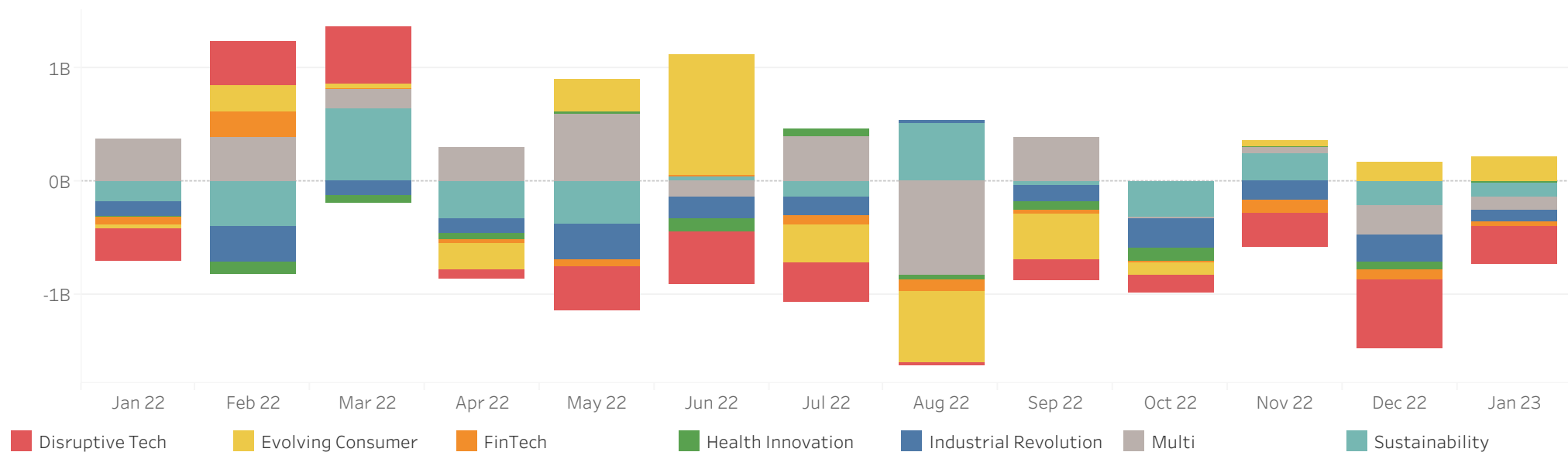
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
SKYY	First Trust Cloud Computing ETF	(\$90M)
ARKK	ARK Innovation ETF	(\$86M)
BUG	Global X Cybersecurity ETF	(\$61M)
ARKG	ARK Genomic Revolution ETF	(\$20M)
ICLN	iShares Global Clean Energy ETF	(\$19M)
IBUY	Amplify Online Retail ETF	(\$18M)
LIT	Global X Lithium & Battery Tech ETF	(\$15M)
TARK	AXS 2X Innovation ETF	(\$11M)
ARKW	ARK Next Generation Internet ETF	(\$9M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$8M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$15B	(\$173M)	(\$1,299M)	(\$1,644M)	(\$2,249M)
Evolving Consumer	46	\$11B	(\$1M)	\$353M	(\$949M)	\$298M
FinTech	20	\$3B	(\$1M)	(\$247M)	(\$457M)	(\$382M)
Health Innovation	19	\$3B	(\$16M)	(\$87M)	(\$386M)	(\$560M)
Industrial Revolution	31	\$11B	(\$8M)	(\$591M)	(\$914M)	(\$2,276M)
Multi	41	\$14B	(\$56M)	(\$211M)	(\$704M)	\$1,261M
Sustainability	40	\$18B	(\$29M)	(\$304M)	\$45M	(\$718M)
Grand Total	232	\$74B	(\$285M)	(\$2,386M)	(\$5,009M)	(\$4,625M)

Thematic Monthly Flows

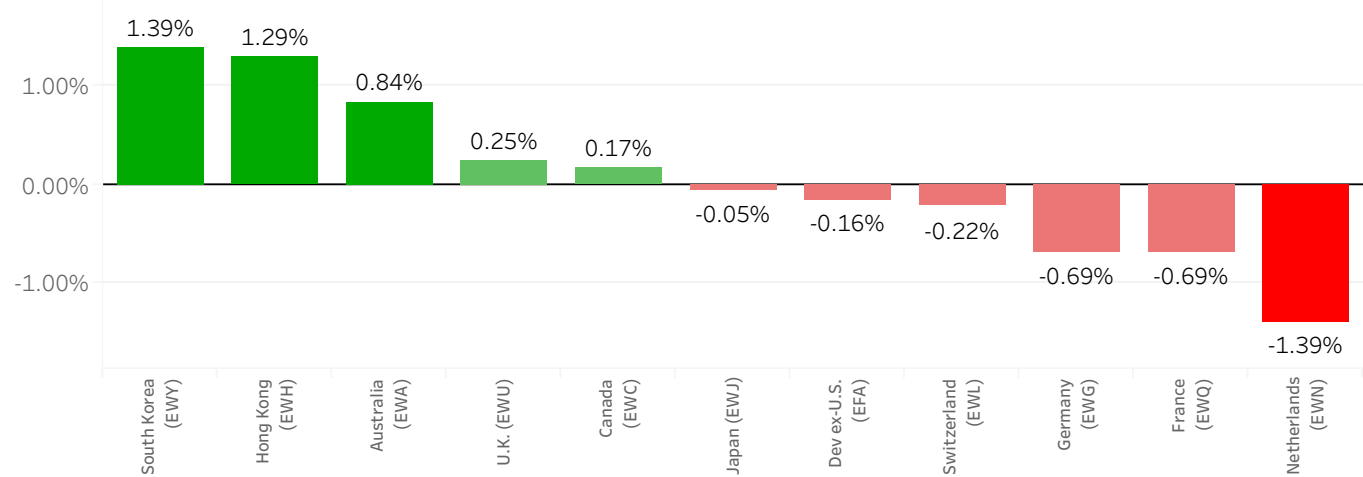


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



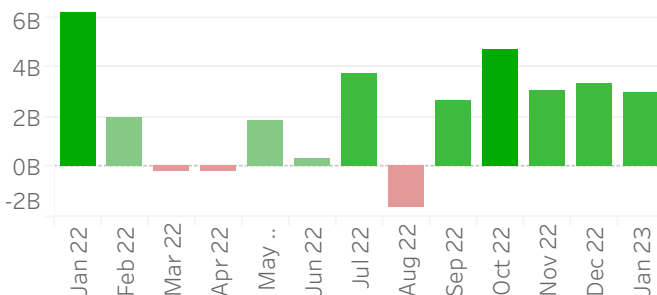
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWY	iShares MSCI South Korea ETF	1.39%
AIA	iShares Asia 50 ETF	1.33%
FLKR	Franklin FTSE South Korea ETF	1.30%
EWH	iShares MSCI Hong Kong ETF	1.29%
MINV	Matthews Asia Innovators Active ETF	1.19%
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Japan ETF	0.97%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	0.94%
EWA	iShares MSCI Australia ETF	0.84%
EPP	iShares MSCI Pacific ex-Japan ETF	0.59%
VPL	Vanguard FTSE Pacific ETF	0.55%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
IDV	iShares International Select Dividend ETF	73.84
EWU	iShares MSCI United Kingdom ETF	73.80
IMFL	Invesco International Developed Dynamic Multifactor ETF	73.59
DISV	Dimensional International Small Cap Value ETF	72.96
FEP	First Trust Europe AlphaDEX Fund	72.91
EWP	iShares MSCI Spain ETF	72.53
FLGB	Franklin FTSE United Kingdom ETF	72.11
EIRL	iShares MSCI Ireland ETF	71.91
DTH	WisdomTree International High Dividend Fund	71.84
DIVI	Franklin International Core Dividend Tilt Index ETF	71.79

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
ISRA	VanEck Israel ETF	-2.14%
EWN	iShares MSCI Netherlands ETF	-1.39%
EWD	iShares MSCI Sweden ETF	-1.30%
EIS	iShares MSCI Israel ETF	-1.25%
HEZU	iShares Currency Hedged MSCI Eurozone ETF	-1.05%
GREK	Global X MSCI Greece ETF	-0.91%
HEDJ	WisdomTree Europe Hedged Equity Fund	-0.88%
IVAL	Alpha Architect International Quantitative Value ETF	-0.76%
IHDG	WisdomTree International Hedged Quality Dividend Grow..	-0.76%
FEZ	SPDR EURO STOXX 50 ETF	-0.72%

Developed ex-U.S. Most Oversold

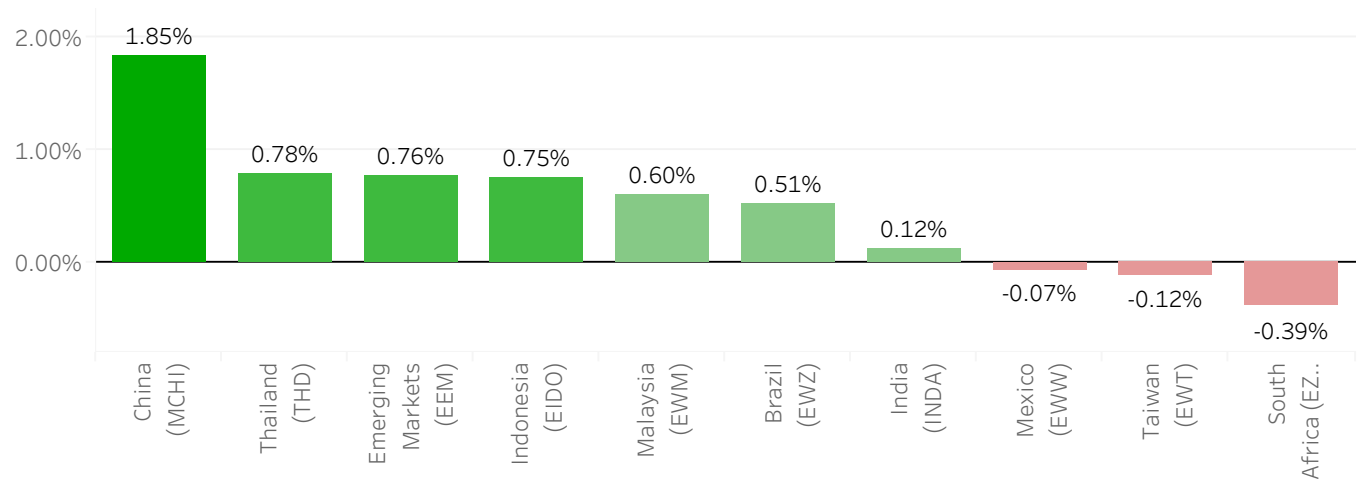
Ticker	Fund	Price
HEWJ	iShares Currency Hedged MSCI Japan ETF	36.94
NORW	Global X MSCI Norway ETF	49.04
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	49.96
HEFA	iShares Currency Hedged MSCI EAFE ETF	52.53
DXJ	WisdomTree Japan Hedged Equity Fund	52.82
IMOM	Alpha Architect International Quantitative Moment..	53.68
ISRA	VanEck Israel ETF	53.81
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	54.08
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	54.31
TOK	iShares MSCI Kokusai ETF	54.93

*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)



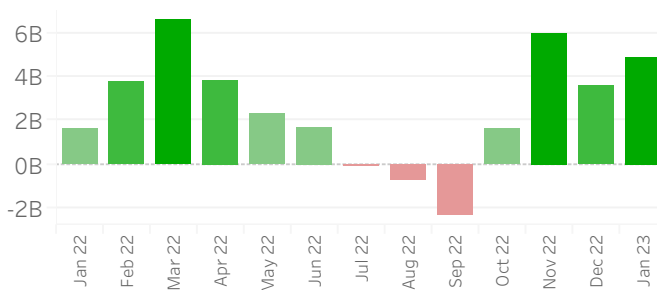
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
QAT	iShares MSCI Qatar ETF	3.77%
FXI	iShares China Large-Cap ETF	1.99%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	1.88%
MCHI	iShares MSCI China ETF	1.85%
GXC	SPDR S&P China ETF	1.68%
FLCH	Franklin FTSE China ETF	1.59%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	1.55%
ECNS	iShares MSCI China Small-Cap ETF	1.42%
EEMA	iShares MSCI Emerging Markets Asia ETF	1.36%
PGJ	Invesco Golden Dragon China ETF	1.33%

Emerging Most Overbought

Ticker	Fund	Price
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	75.14
EPHE	iShares MSCI Philippines ETF	75.06
CNYA	iShares MSCI China A ETF	75.04
DGRE	WisdomTree Emerging Markets Quality Dividend Gro..	73.54
ADRE	Invesco BDRS Emerging Markets 50 ADR Index Fund	73.21
PXH	Invesco FTSE RAFI Emerging Markets ETF	72.30
JPEM	J.P. Morgan Diversified Return Emerging Markets Eq..	71.75
DEM	WisdomTree Emerging Markets High Dividend Fund	71.05
EWM	iShares MSCI Malaysia ETF	70.88
GEM	Goldman Sachs ActiveBeta Emerging Markets Equity ..	70.44

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
ECH	iShares MSCI Chile ETF	-0.98%
EZA	iShares MSCI South Africa ETF	-0.39%
EWT	iShares MSCI Taiwan ETF	-0.12%
FLTW	Franklin FTSE Taiwan ETF	-0.11%
EWW	iShares MSCI Mexico ETF	-0.07%
FLIN	Franklin FTSE India ETF	0.02%
INDA	iShares MSCI India ETF	0.12%
EPHE	iShares MSCI Philippines ETF	0.17%
FLLA	Franklin FTSE Latin America ETF	0.18%
EPU	iShares MSCI Peru ETF	0.26%

Emerging Most Oversold

Ticker	Fund	Price
PIN	Invesco India ETF	39.37
QAT	iShares MSCI Qatar ETF	45.06
SMIN	iShares MSCI India Small Cap ETF	52.36
NFTY	First Trust India NIFTY 50 Equal Weight ETF	52.76
INDY	iShares India 50 ETF	53.42
FLIN	Franklin FTSE India ETF	53.43
KSA	iShares MSCI Saudi Arabia ETF	54.15
EWT	iShares MSCI Taiwan ETF	54.23
EZA	iShares MSCI South Africa ETF	54.53
INDA	iShares MSCI India ETF	54.65

*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	-0.23%	1.78%	3.62%
SHY	1-3 Year Treasury Bonds	-0.02%	0.64%	0.84%
IEF	7-10 Year Treasury Bonds	-0.19%	2.07%	4.23%
TLT	20+ Year Treasury Bonds	-0.63%	2.51%	8.43%
TIP	TIPS Bonds	0.62%	1.92%	2.66%
FLOT	Floating Rate Bonds	0.03%	0.87%	0.35%
LQD	Investment Grade Corporate	-0.21%	2.94%	5.41%
HYG	High Yield Corporate	-0.59%	2.43%	3.25%
BKLN	Senior Loan	0.00%	2.52%	2.97%
PFF	Preferred & Income Securities	0.00%	5.59%	7.66%
MUB	Municipal Bonds	0.00%	2.19%	2.55%
MBB	MBS	-0.28%	1.68%	3.63%
EMB	Dollar Denominated EM Bonds	-0.28%	3.86%	4.86%
LEMB	Local Currency EM Bond	0.14%	3.89%	3.14%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.57%	0.69%	-0.68%
DBE	Energy	1.80%	3.39%	-0.40%
USO	WTI Crude Oil	1.55%	6.84%	0.68%
BNO	Brent Crude Oil	1.68%	7.09%	0.42%
UNG	Natural Gas	-1.04%	-41.61%	-25.46%
UGA	Gasoline	3.51%	18.73%	4.89%
DBP	Precious Metals	1.50%	7.22%	4.42%
GLD	Gold	1.59%	8.16%	6.04%
SLV	Silver	1.81%	3.98%	-0.27%
PPLT	abrdn Physical Platin..	-0.22%	5.77%	-3.30%
PALL	abrdn Physical Palla..	2.38%	5.44%	-1.50%
DBB	Base Metals	0.60%	12.80%	12.80%
CPER	Copper	0.78%	13.37%	11.61%
LD	Lead	-1.60%	-1.17%	-7.16%
JJN	Nickel	4.23%	7.71%	-2.53%
JJU	Aluminum	-1.24%	9.77%	8.25%
JJT	Tin	-0.66%	22.55%	14.17%
DBA	Agriculture	-0.56%	-1.58%	-3.92%
CORN	Corn	-0.90%	2.48%	-1.63%
SOYB	Soybeans	-0.82%	1.67%	-2.00%
WEAT	Wheat	-0.67%	-1.45%	-6.52%
CANE	Sugar	-0.63%	-1.15%	-0.84%
BAL	Cotton	-1.45%	-0.38%	0.45%
NIB	Cocoa	-2.19%	3.92%	-0.78%
JO	Coffee	0.72%	-5.20%	-7.06%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.25%	-2.10%	-1.19%
UDN	Short Dollar	0.21%	2.68%	1.46%
FXE	Euro	0.41%	2.12%	1.17%
FXB	British Pound Sterling	0.42%	2.18%	2.76%
FXF	Swiss Franc	0.12%	1.54%	0.96%
FXJ	Japanese Yen	0.33%	6.66%	2.19%
FXC	Canadian Dollar	0.25%	1.53%	0.61%
FXA	Australian Dollar	-0.31%	3.43%	1.62%

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