

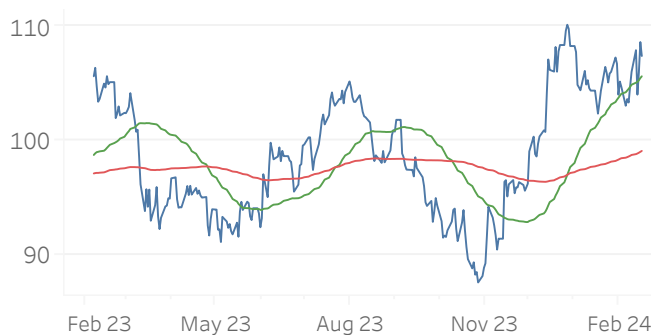
Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

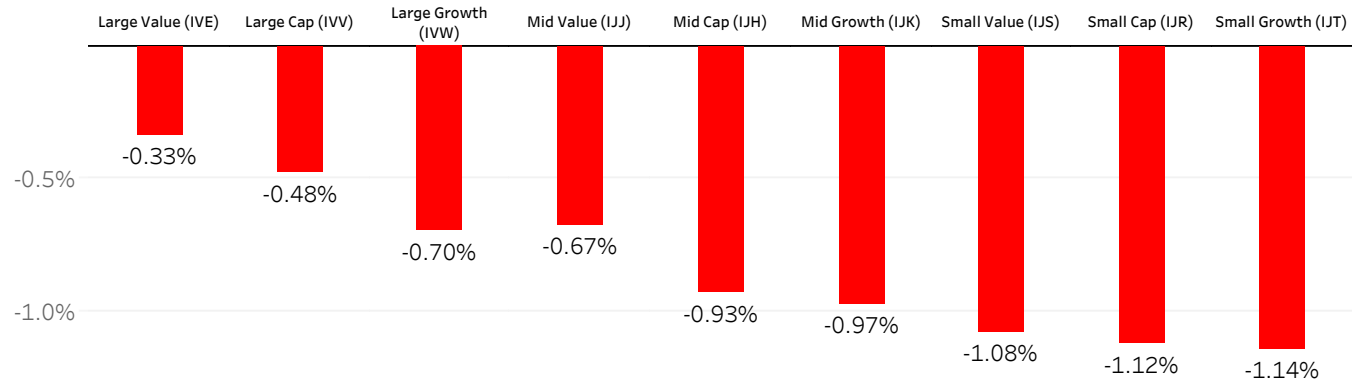


Small Cap Blend (S&P 600) IJR



■ 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
ABEQ	Absolute Select Value ETF	0.17%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	0.17%
NUMV	Nuveen ESG Mid-Cap Value ETF	0.06%
TMFM	Motley Fool Mid-Cap Growth ETF	0.04%
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	0.04%
SPC	CrossingBridge Pre-Merger SPAC ETF	0.00%
TMFS	Motley Fool Small-Cap Growth ETF	0.00%
TPHD	Timothy Plan High Dividend Stock ETF	0.00%
SPDV	AAM S&P 500 High Dividend Value ETF	0.00%
CDL	VictoryShares US Large Cap High Dividend Volatility Wtd.	-0.03%

Size & Style Most Overbought

Ticker	Fund	Value
SPMO	Invesco S&P 500 Momentum ETF	76.25
GVIP	Goldman Sachs Hedge Industry VIP ETF	70.16
JMOM	JPMorgan U.S. Momentum Factor ETF	70.15
MBCC	Monarch Blue Chips Core ETF	70.02
PALC	Pacer Lunt Large Cap Multi-Factor Alternator ETF	69.74
XMHQ	Invesco S&P MidCap Quality ETF	68.72
XMMO	Invesco S&P MidCap Momentum ETF	68.64
GRPM	Invesco S&P MidCap 400 GARP ETF	68.16
MTUM	iShares MSCI USA Momentum Factor ETF	67.69
DUSA	Davis Select U.S. Equity ETF	67.64

Size & Style 1-Day Performance Laggards

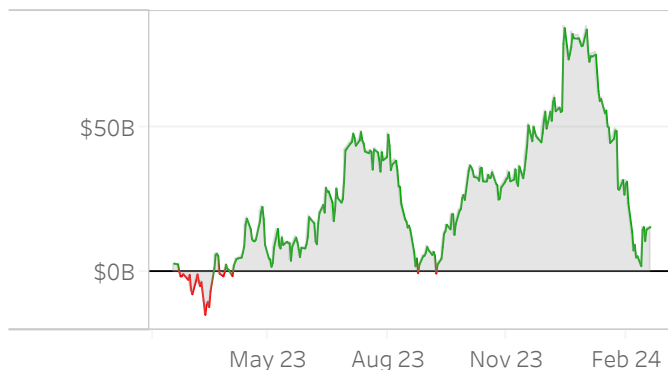
Ticker	Fund	1-Day Performance
XMMO	Invesco S&P MidCap Momentum ETF	-2.56%
CALF	Pacer US Small Cap Cash Cows 100 ETF	-1.92%
FPX	First Trust US Equity Opportunities ETF	-1.89%
XMHQ	Invesco S&P MidCap Quality ETF	-1.85%
BUZZ	VanEck Social Sentiment ETF	-1.80%
QQQN	VictoryShares Nasdaq Next 50 ETF	-1.78%
FTC	First Trust Large Cap Growth AlphaDEX Fund	-1.66%
JSML	Janus Henderson Small Cap Growth Alpha ETF	-1.55%
IWO	iShares Russell 2000 Growth ETF	-1.55%
RWJ	Invesco S&P SmallCap 600 Revenue ETF	-1.55%

Size & Style Most Oversold

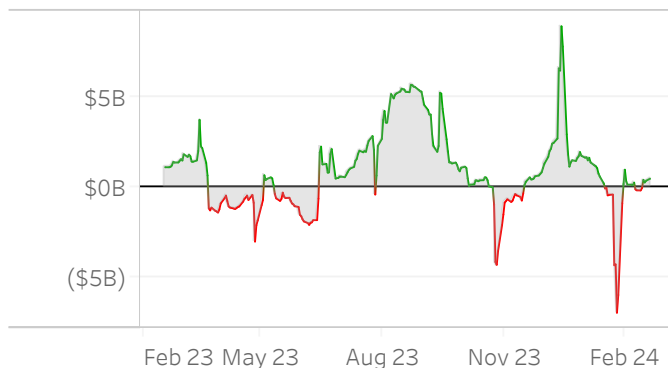
Ticker	Fund	Value
PEY	Invesco High Yield Equity Dividend Achievers ETF	42.51
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	44.94
DIV	Global X SuperDividend US ETF	46.40
DURA	VanEck Durable High Dividend ETF	46.90
ACSI	American Customer Satisfaction ETF	47.89
RFV	Invesco S&P Midcap 400 Pure Value ETF	49.33
MGMT	Ballast Small/Mid Cap ETF	49.44
SPC	CrossingBridge Pre-Merger SPAC ETF	50.47
SMDV	ProShares Russell 2000 Dividend Growers ETF	50.93
CSB	VictoryShares US Small Cap High Dividend Volatility ..	51.00

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

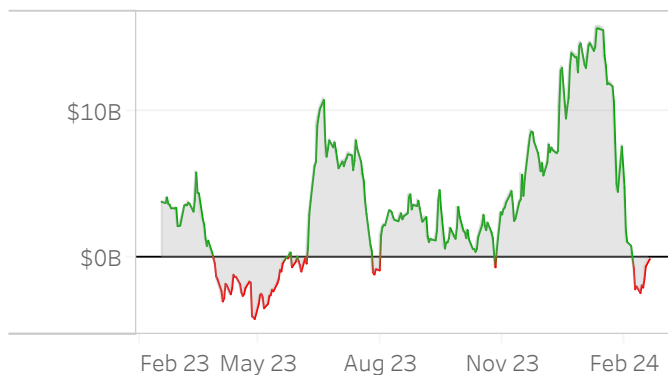
Large-Cap 30-Day Rolling Flows



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	\$1,787B	\$1.12B	\$74.18B	\$123.53B	\$176.21B
Large Cap, Beta, Beta: Growth	10	\$347B	\$0.24B	\$3.49B	\$15.53B	\$20.15B
Large Cap, Beta, Beta: Value	11	\$249B	\$0.32B	\$5.78B	\$7.58B	(\$0.27B)
Mid Cap, Beta, Beta	10	\$217B	\$0.98B	\$1.09B	\$2.63B	\$7.61B
Mid Cap, Beta, Beta: Growth	6	\$41B	(\$0.06B)	\$0.22B	\$0.34B	\$1.42B
Mid Cap, Beta, Beta: Value	6	\$40B	(\$0.57B)	(\$0.96B)	(\$2.00B)	(\$3.69B)
Small Cap, Beta, Beta	11	\$234B	\$1.33B	\$6.23B	\$11.13B	\$15.94B
Small Cap, Beta, Beta: Growth	7	\$39B	\$0.51B	\$1.21B	\$2.00B	\$2.19B
Small Cap, Beta, Beta: Value	7	\$53B	\$0.30B	\$0.33B	(\$0.14B)	(\$1.97B)

U.S. Size & Style Flow Leaders

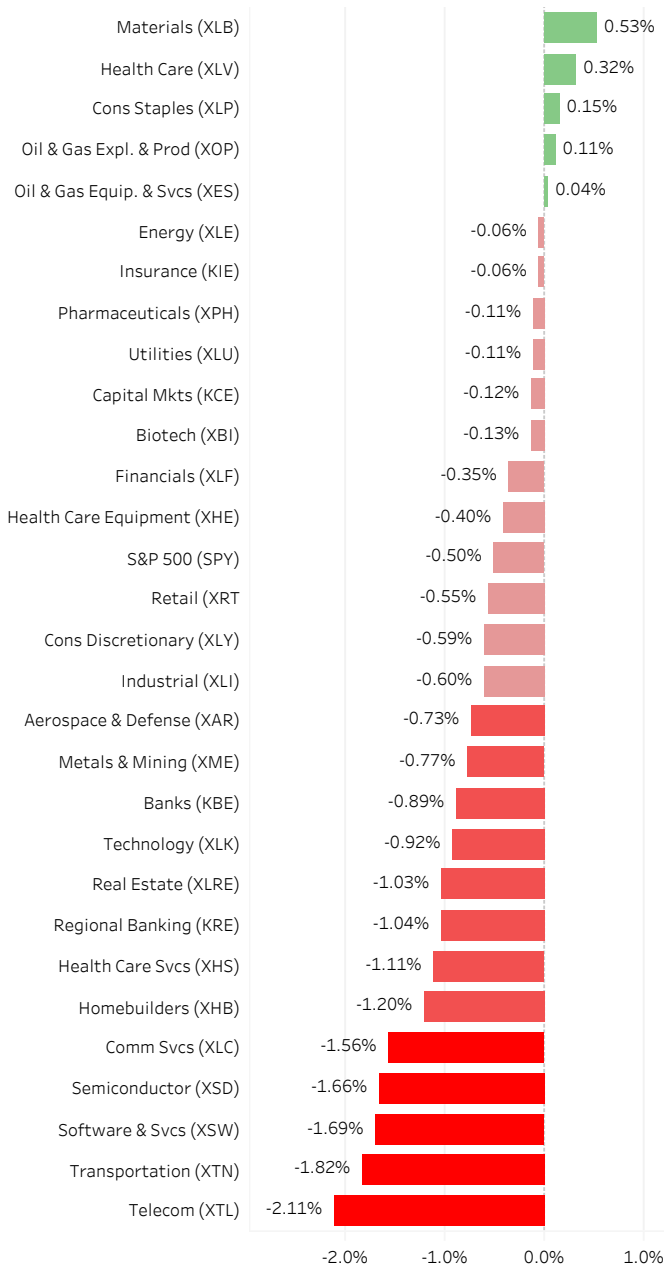
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPLG	SPDR Portfolio S&P 500 ETF	\$2.05B	\$6.04B	\$8.51B	\$10.64B	\$31.37B
QQQ	Invesco QQQ Trust Series I	\$1.44B	\$6.37B	\$12.73B	\$17.44B	\$251.53B
VB	Vanguard Small-Cap ETF	\$0.93B	\$2.65B	\$3.08B	\$3.91B	\$53.39B
VOO	Vanguard S&P 500 ETF	\$0.62B	\$18.50B	\$30.27B	\$54.79B	\$408.11B
SPMD	SPDR Portfolio S&P 400 Mid Cap ETF	\$0.59B	\$1.09B	\$1.43B	\$2.14B	\$9.04B
SCHA	Schwab U.S. Small-Cap ETF	\$0.52B	\$0.66B	\$0.82B	\$0.77B	\$16.50B
VTWO	Vanguard Russell 2000 ETF	\$0.50B	\$1.43B	\$1.84B	\$2.07B	\$8.88B
FDVV	Fidelity High Dividend ETF	\$0.50B	\$0.72B	\$0.88B	\$0.82B	\$2.75B
SPSM	SPDR Portfolio S&P 600 Small Cap ETF	\$0.45B	\$1.04B	\$1.31B	\$4.47B	\$10.34B
SEIM	SEI Enhanced U.S. Large Cap Momentum Fact..	\$0.39B	\$0.39B	\$0.40B	\$0.40B	\$0.43B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VTI	Vanguard Total Stock Market ETF	(\$1.78B)	\$8.21B	\$14.34B	\$23.11B	\$370.37B
IWM	iShares Russell 2000 ETF	(\$1.19B)	(\$1.20B)	\$2.42B	\$1.78B	\$61.78B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$1.18B)	(\$5.87B)	(\$5.78B)	(\$6.97B)	\$25.24B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.64B)	\$3.54B	\$2.74B	\$9.67B	\$49.30B
SCHX	Schwab U.S. Large-Cap ETF	(\$0.62B)	(\$0.27B)	\$0.23B	(\$0.34B)	\$38.33B
VOE	Vanguard Mid-Cap Value ETF	(\$0.60B)	(\$0.89B)	(\$1.17B)	(\$1.50B)	\$15.70B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.58B)	(\$0.11B)	(\$0.42B)	(\$0.98B)	\$32.76B
DFUV	Dimensional US Marketwide Value ETF	(\$0.24B)	\$0.14B	\$0.23B	\$0.52B	\$9.87B
IWF	iShares Russell 1000 Growth ETF	(\$0.21B)	(\$0.61B)	\$2.28B	\$1.53B	\$86.78B
VTV	Vanguard Value ETF	(\$0.12B)	\$0.93B	\$0.13B	(\$3.05B)	\$109.10B

\* 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)
XLV	Health Care Select Sector SPDR Fund	0.00%	18.26%	4.65%	9.52%	72.76
XLF	Financial Select Sector SPDR Fund	-0.35%	27.92%	4.22%	13.53%	65.60
SPY	SPDR S&P 500 ETF Trust	-0.50%	29.62%	3.86%	11.20%	62.86
XLI	Industrial Select Sector SPDR Fund	-0.60%	22.39%	3.97%	10.63%	65.30
XLB	Materials Select Sector SPDR Fund	-1.21%	14.38%	1.68%	4.97%	60.50
XLY	Consumer Discretionary Select Sector SPDR Fund	-1.32%	29.54%	1.54%	6.98%	56.68
XLC	Communication Services Select Sector SPDR Fund	-1.56%	51.07%	5.66%	15.45%	59.14
XLK	Technology Select Sector SPDR Fund	-2.54%	49.20%	3.44%	14.27%	54.53
XLRE	Real Estate Select Sector SPDR Fund	-5.31%	19.14%	-1.75%	3.85%	48.99
XLP	Consumer Staples Select Sector SPDR Fund	-5.45%	10.66%	1.24%	1.76%	53.30
XLE	Energy Select Sector SPDR Fund	-8.34%	11.72%	2.53%	1.06%	60.45
XLU	Utilities Select Sector SPDR Fund	-12.49%	8.97%	-1.88%	-3.11%	49.33

## Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
TPYP	Tortoise North American Pipeline Fund	1.39%
MLPX	Global X MLP & Energy Infrastructure ETF	1.28%
PINK	Simplify Health Care ETF	1.23%
AMPL	Alerian MLP ETF	0.99%
ENFR	Alerian Energy Infrastructure ETF	0.79%
MLPA	Global X MLP ETF	0.79%
IHE	iShares U.S. Pharmaceuticals ETF	0.78%
RSPM	Invesco S&P 500 Equal Weight Materials ETF	0.65%
EMLP	First Trust North American Energy Infrastructure ..	0.62%
FCG	First Trust Natural Gas ETF	0.58%

## Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
KBWP	Invesco KBW Property & Casualty Insurance ETF	77.71
IHE	iShares U.S. Pharmaceuticals ETF	77.30
PINK	Simplify Health Care ETF	75.83
IYH	iShares U.S. Healthcare ETF	73.56
XLV	Health Care Select Sector SPDR Fund	72.76
IAK	iShares U.S. Insurance ETF	72.63
VHT	Vanguard Health Care ETF	72.38
FHLC	Fidelity MSCI Health Care Index ETF	71.54
KIE	SPDR S&P Insurance ETF	71.07
PPA	Invesco Aerospace & Defense ETF	70.71

## Sector & Industry 1 Day Performance Laggards

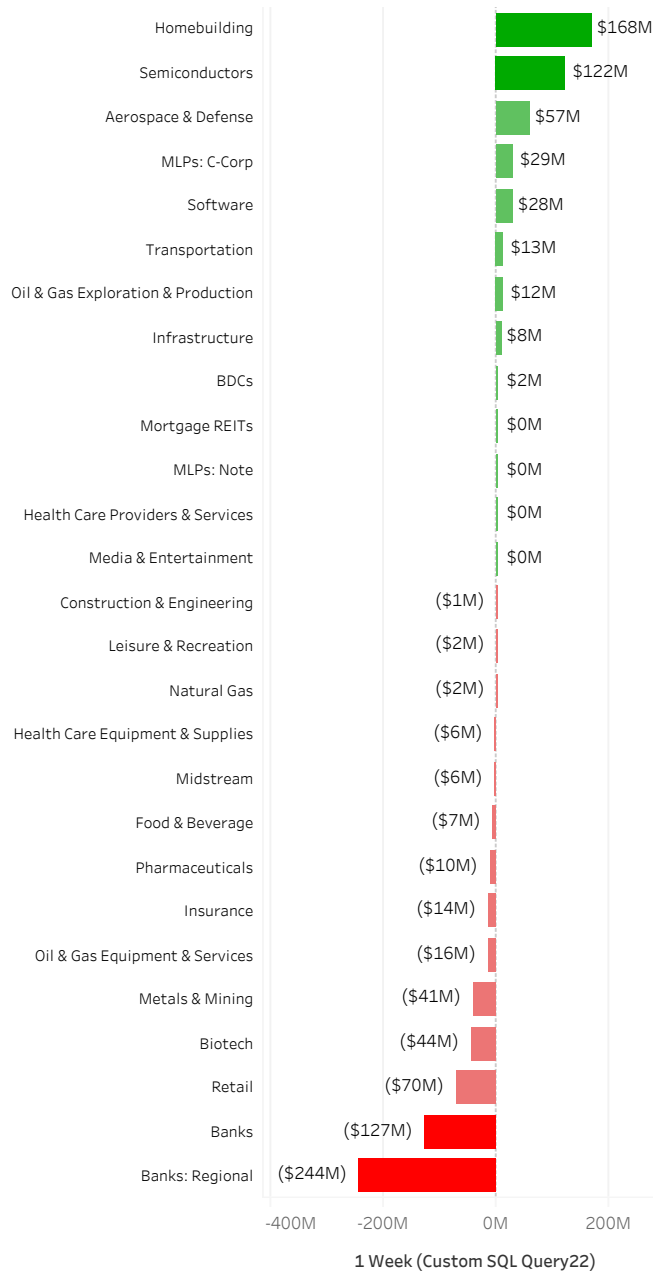
Ticker	Fund	1 Day Performance
XTL	SPDR S&P Telecom ETF	-2.11%
PNQI	Invesco NASDAQ Internet ETF	-2.02%
FDN	First Trust Dow Jones Internet Index Fund	-2.00%
XTN	SPDR S&P Transportation ETF	-1.82%
ITB	iShares U.S. Home Construction ETF	-1.82%
IGV	iShares Expanded Tech-Software Sector ETF	-1.77%
XSW	SPDR S&P Software & Services ETF	-1.69%
PTF	Invesco Dorsey Wright Technology Momentum ETF	-1.69%
XSD	SPDR S&P Semiconductor ETF	-1.66%
IYT	iShares US Transportation ETF	-1.64%

## Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IYZ	iShares U.S. Telecommunications ETF	36.95
NETL	NETLease Corporate Real Estate ETF	42.88
KBWY	Invesco KBW Premium Yield Equity REIT ETF	43.80
RIET	Hoya Capital High Dividend Yield ETF	43.94
KBWD	Invesco KBW High Dividend Yield Financial ETF	44.03
FTXG	First Trust Nasdaq Food & Beverage ETF	44.35
REM	iShares Mortgage Real Estate ETF	45.18
XTL	SPDR S&P Telecom ETF	45.68
JPRE	JPMorgan Realty Income ETF	45.97
ROOF	IQ CBRE NextGen Real Estate ETF	46.17

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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	\$23B	(\$39M)	\$994M	\$466M	\$3,636M
Consumer Discretionary	12	\$31B	\$370M	\$1,822M	\$1,875M	\$3,917M
Consumer Staples	10	\$25B	(\$833M)	(\$2,173M)	(\$5,308M)	(\$4,333M)
Energy	30	\$71B	(\$480M)	(\$2,823M)	(\$448M)	(\$7,309M)
Financials	26	\$64B	(\$549M)	\$2,614M	(\$2,050M)	(\$1,686M)
Health Care	23	\$92B	(\$375M)	(\$1,921M)	(\$4,507M)	(\$8,328M)
Industrial	13	\$38B	\$60M	\$1,042M	(\$329M)	\$1,352M
Materials	9	\$11B	(\$201M)	(\$1,045M)	(\$1,856M)	(\$4,058M)
Multi-Sector	16	\$22B	\$171M	\$306M	(\$96M)	\$2,907M
Real Estate	25	\$59B	\$254M	\$1,814M	\$1,508M	(\$1,021M)
Technology	23	\$191B	\$737M	\$5,278M	\$10,009M	\$10,147M
Utilities	9	\$20B	(\$296M)	(\$1,192M)	(\$2,521M)	(\$2,910M)

### U.S. Sector & Industry Flow Leaders

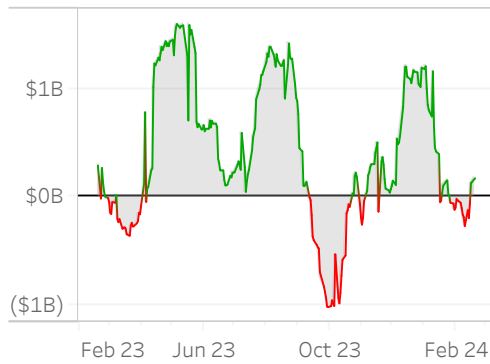
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Consumer Discretionary Select Sector SPDR Fu..	\$435M	\$1,528M	\$1,948M	\$2,811M	\$20,326M
XLK	Technology Select Sector SPDR Fund	\$343M	\$2,080M	\$3,550M	\$2,515M	\$62,918M
ITB	iShares U.S. Home Construction ETF	\$241M	\$180M	(\$66M)	\$338M	\$2,597M
FENY	Fidelity MSCI Energy Index ETF	\$195M	\$68M	\$110M	\$33M	\$1,660M
VNQ	Vanguard Real Estate ETF	\$144M	\$471M	(\$337M)	(\$1,273M)	\$33,018M
XLRE	Real Estate Select Sector SPDR Fund	\$128M	\$929M	\$1,152M	\$731M	\$5,893M
IYW	iShares U.S. Technology ETF	\$126M	\$625M	\$1,742M	\$1,078M	\$15,539M
SOXX	iShares Semiconductor ETF	\$122M	\$446M	\$647M	\$970M	\$11,913M
VGT	Vanguard Information Technology ETF	\$89M	\$1,966M	\$2,464M	\$1,695M	\$64,202M
VIS	Vanguard Industrials ETF	\$72M	\$401M	(\$5M)	\$354M	\$4,875M

### U.S. Sector & Industry Flow Laggards

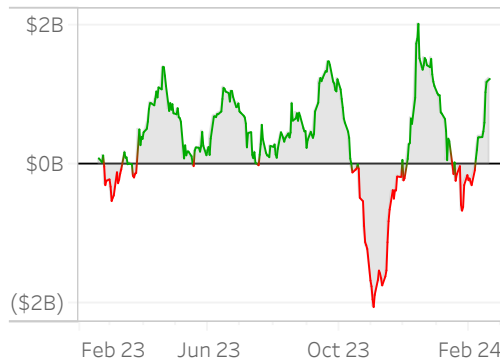
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	(\$666M)	(\$2,479M)	(\$534M)	(\$3,739M)	\$35,538M
XLP	Consumer Staples Select Sector SPDR Fund	(\$539M)	(\$1,453M)	(\$2,639M)	(\$1,749M)	\$14,746M
XLV	Health Care Select Sector SPDR Fund	(\$309M)	(\$1,190M)	(\$2,555M)	(\$3,231M)	\$40,753M
VDC	Vanguard Consumer Staples ETF	(\$284M)	(\$290M)	(\$711M)	(\$488M)	\$6,286M
KRE	SPDR S&P Regional Banking ETF	(\$240M)	(\$227M)	(\$191M)	\$868M	\$2,906M
FUTY	Fidelity MSCI Utilities Index ETF	(\$202M)	(\$258M)	(\$629M)	(\$924M)	\$1,086M
XLB	Materials Select Sector SPDR Fund	(\$141M)	(\$734M)	(\$903M)	(\$1,346M)	\$4,857M
XLF	Financial Select Sector SPDR Fund	(\$120M)	\$2,276M	(\$1,082M)	\$170M	\$37,173M
KBE	SPDR S&P Bank ETF	(\$101M)	\$387M	\$190M	\$129M	\$1,675M
XLI	Industrial Select Sector SPDR Fund	(\$84M)	\$324M	(\$599M)	\$113M	\$16,497M

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

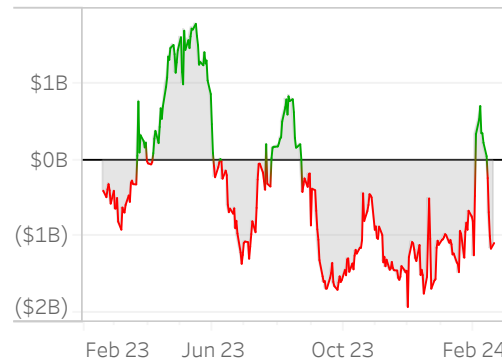
Communication Services



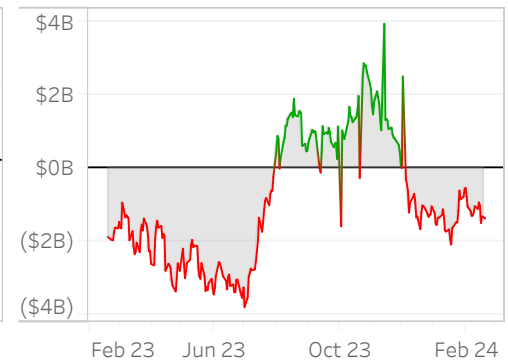
Consumer Discretionary



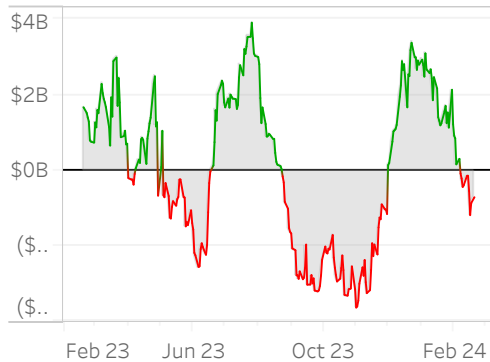
Consumer Staples



Energy



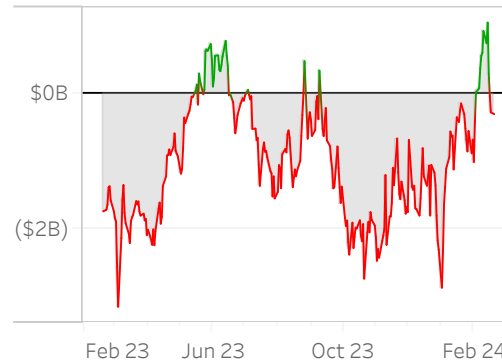
Financials



Industrial



Health Care



Materials



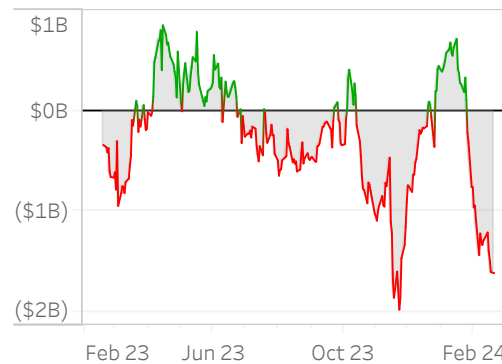
Real Estate



Technology



Utilities

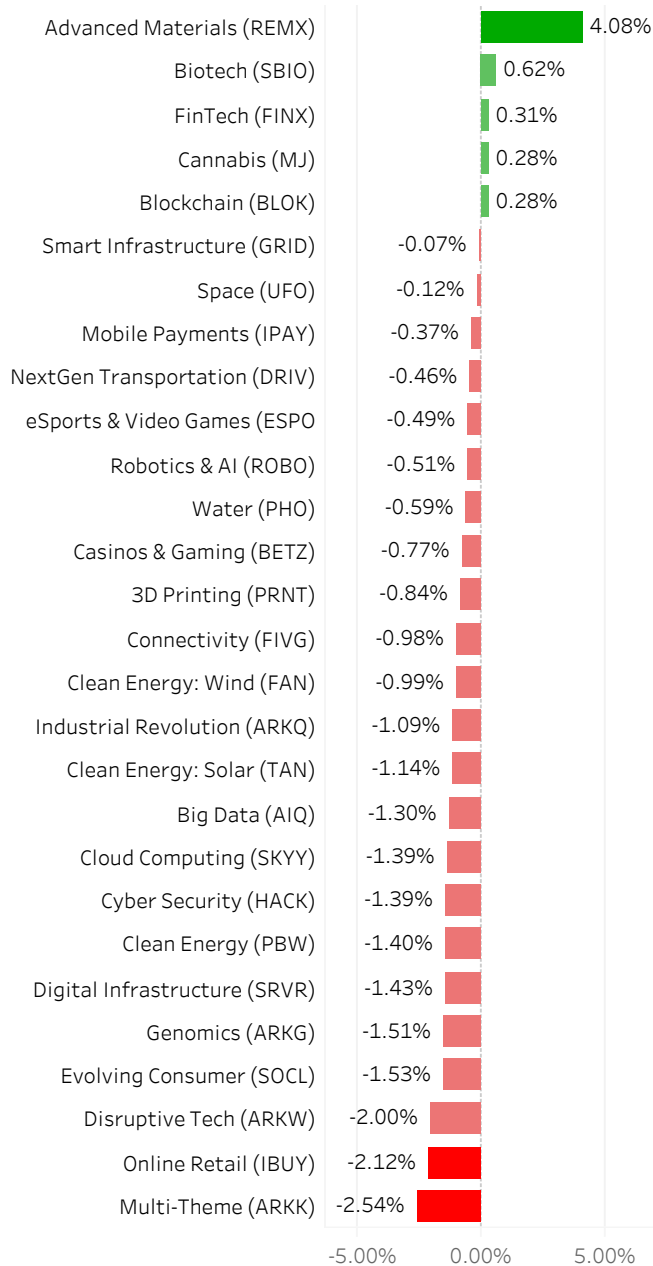


Multi-Sector

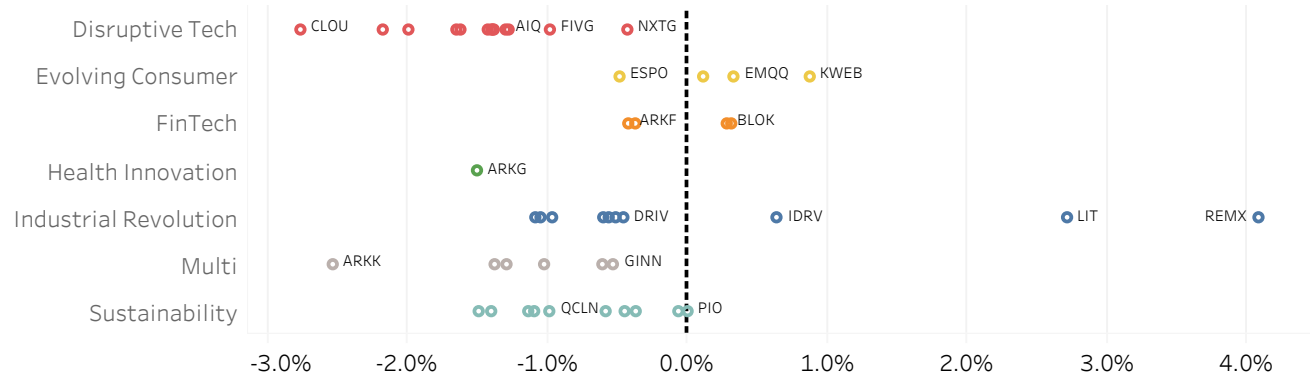


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## Global Thematic Segment 1-Day Performance



## Global Thematic 1-Day Performance Landscape



## Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
REMX	VanEck Rare Earth/Strategic Metals ETF	4.08%
LIT	Global X Lithium & Battery Tech ETF	2.71%
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	2.07%
BATT	Amplify Lithium & Battery Technology ETF	2.00%
BKCH	Global X Blockchain ETF	1.20%
IZRL	ARK Israel Innovative Technology ETF	1.18%
KGRN	KraneShares MSCI China Clean Technology Index ETF	1.07%
FDIG	Fidelity Crypto Industry and Digital Payments ETF	1.02%
KWEB	KraneShares CSI China Internet ETF	0.87%
IDRV	iShares Self-driving EV & Tech ETF	0.64%

## Thematic Most Overbought

Ticker	Fund	Price
EVX	VanEck Environmental Services ETF	75.14
IZRL	ARK Israel Innovative Technology ETF	72.82
BLOK	Amplify Transformational Data Sharing ETF	70.44
BKCH	Global X Blockchain ETF	68.67
FDIG	Fidelity Crypto Industry and Digital Payments ETF	67.58
ESPO	VanEck Video Gaming and eSports ETF	67.57
QTUM	Defiance Quantum ETF	66.39
SBIO	ALPS Medical Breakthroughs ETF	66.13
HERO	Global X Video Games & Esports ETF	65.89
GBUY	Goldman Sachs Future Consumer Equity ETF	65.78

## Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
FCLD	Fidelity Cloud Computing ETF	-3.22%
CLOU	Global X Cloud Computing ETF	-2.77%
ARKK	ARK Innovation ETF	-2.54%
MJUS	Amplify U.S. Alternative Harvest ETF	-2.39%
PAWZ	ProShares Pet Care ETF	-2.30%
ENTR	ERShares Entrepreneurs ETF	-2.28%
VPN	Global X Data Center REITs & Digital Infrastructure ETF	-2.24%
WCLD	WisdomTree Cloud Computing Fund	-2.18%
IBUY	Amplify Online Retail ETF	-2.12%
ARKW	ARK Next Generation Internet ETF	-2.00%

## Thematic Most Oversold

Ticker	Fund	Price
FAN	First Trust Global Wind Energy ETF	43.39
CLOU	Global X Cloud Computing ETF	44.65
SRVR	Pacer Data & Infrastructure Real Estate ETF	45.58
MJUS	Amplify U.S. Alternative Harvest ETF	48.44
PAWZ	ProShares Pet Care ETF	48.59
SMOG	VanEck Low Carbon Energy ETF	48.61
PBD	Invesco Global Clean Energy ETF	49.60
KGRN	KraneShares MSCI China Clean Technology Index ETF	50.33
MJ	Amplify Alternative Harvest ETF	50.44
CTEC	Global X CleanTech ETF	50.86

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



## Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKG	ARK Genomic Revolution ETF	\$21M
HACK	Amplify Cybersecurity ETF	\$20M
WCLD	WisdomTree Cloud Computing Fund	\$20M
GINN	Goldman Sachs Innovate Equity ETF	\$19M
AIQ	Global X Artificial Intelligence & Technology ETF	\$18M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$17M
IHAK	iShares Cybersecurity & Tech ETF	\$17M
WCBR	WisdomTree Cybersecurity Fund	\$17M
BUG	Global X Cybersecurity ETF	\$16M
MSOS	AdvisorShares Pure US Cannabis ETF	\$15M

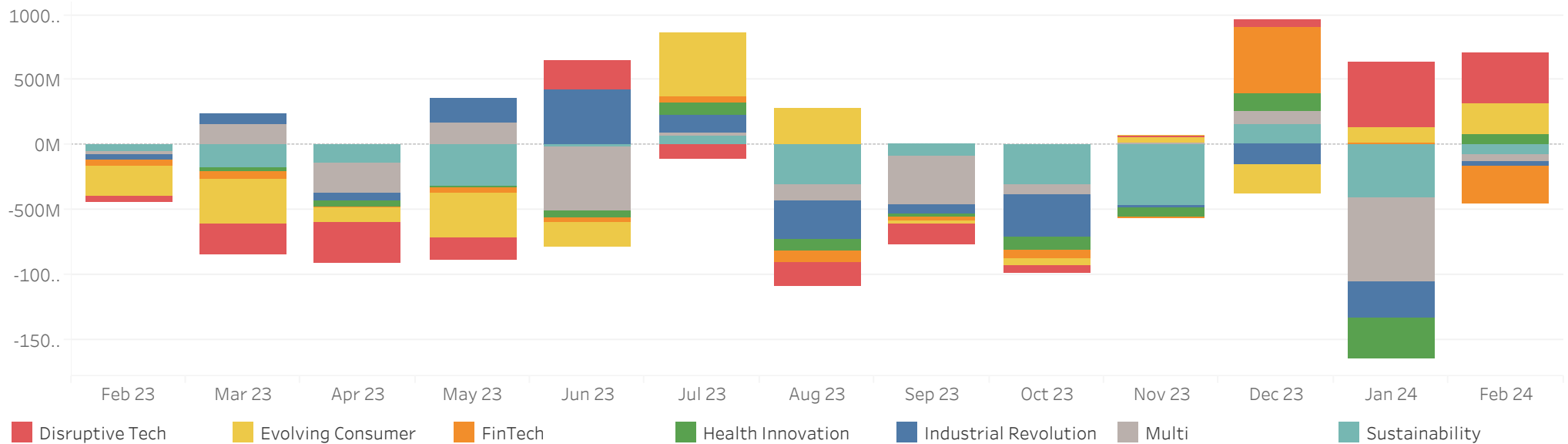
## Thematic 1 Week Flow Laggards

Ticker	Fund	
ARKK	ARK Innovation ETF	(\$248M)
BLOK	Amplify Transformational Data Sharing ETF	(\$167M)
SRVR	Pacer Data & Infrastructure Real Estate ETF	(\$27M)
MJUS	Amplify U.S. Alternative Harvest ETF	(\$17M)
FINX	Global X FinTech ETF	(\$11M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$11M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$8M)
CGW	Invesco S&P Global Water Index ETF	(\$8M)
CLOU	Global X Cloud Computing ETF	(\$8M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$7M)

## Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$21B	\$77M	\$972M	\$697M	(\$102M)
Evolving Consumer	35	\$9B	(\$10M)	\$130M	\$79M	(\$326M)
FinTech	17	\$4B	(\$188M)	\$247M	\$99M	(\$120M)
Health Innovation	17	\$3B	\$23M	(\$104M)	(\$273M)	(\$423M)
Industrial Revolution	30	\$10B	(\$10M)	(\$491M)	(\$925M)	(\$444M)
Multi	34	\$16B	(\$132M)	(\$713M)	(\$879M)	(\$1,560M)
Sustainability	39	\$13B	(\$13M)	(\$444M)	(\$1,244M)	(\$2,129M)
<b>Grand Total</b>	<b>205</b>	<b>\$74B</b>	<b>(\$253M)</b>	<b>(\$402M)</b>	<b>(\$2,446M)</b>	<b>(\$5,105M)</b>

## Thematic Monthly Flows

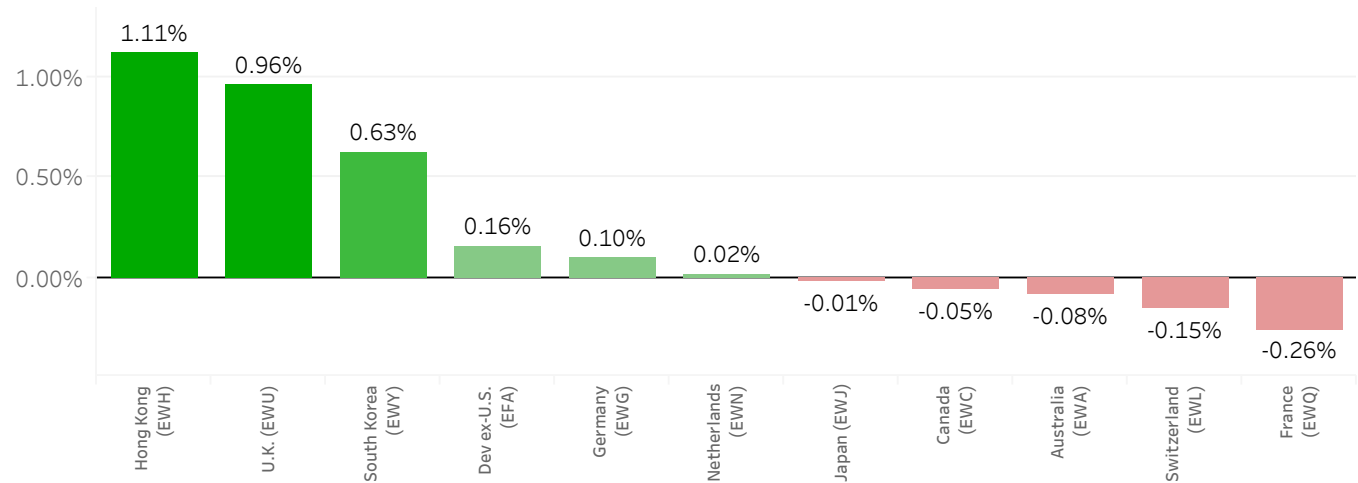


\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day

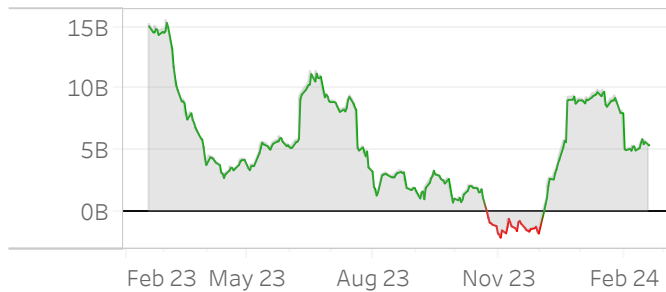
Developed ex-U.S. (EFA)



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



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



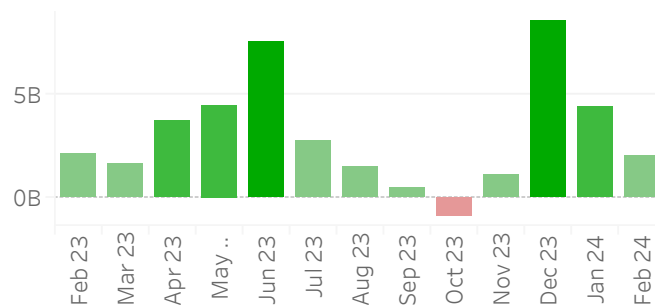
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	Performance
EWH	iShares MSCI Hong Kong ETF	1.11%
ENZL	iShares MSCI New Zealand ETF	1.06%
EWU	iShares MSCI United Kingdom ETF	0.96%
EWS	iShares MSCI Singapore ETF	0.94%
FLGB	Franklin FTSE United Kingdom ETF	0.89%
FKU	First Trust United Kingdom AlphaDEX Fund	0.74%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	0.70%
FDT	First Trust Developed Markets ex-US AlphaDEX Fund	0.69%
EWY	iShares MSCI South Korea ETF	0.63%
EWO	iShares MSCI Austria ETF	0.61%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
DXJ	WisdomTree Japan Hedged Equity Fund	83.63
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	78.95
HEWJ	iShares Currency Hedged MSCI Japan ETF	78.54
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	74.22
HEFA	iShares Currency Hedged MSCI EAFE ETF	73.34
HEDJ	WisdomTree Europe Hedged Equity Fund	70.79
IHDG	WisdomTree International Hedged Quality Dividend Grow..	69.68
IMTM	iShares MSCI Intl Momentum Factor ETF	69.65
EIS	iShares MSCI Israel ETF	68.19
IDMO	Invesco S&P International Developed Momentum ETF	67.17

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	Performance
EWP	iShares MSCI Spain ETF	-1.23%
ISRA	VanEck Israel ETF	-0.63%
EWI	iShares MSCI Italy ETF	-0.58%
EIRL	iShares MSCI Ireland ETF	-0.43%
MINV	Matthews Asia Innovators Active ETF	-0.36%
FSZ	First Trust Switzerland AlphaDEX Fund	-0.29%
TOK	iShares MSCI Kokusai ETF	-0.28%
EIS	iShares MSCI Israel ETF	-0.28%
PIZ	Invesco Dorsey Wright Developed Markets Momentum ETF	-0.27%
FDD	First Trust Stoxx European Select Dividend Index Fund	-0.27%

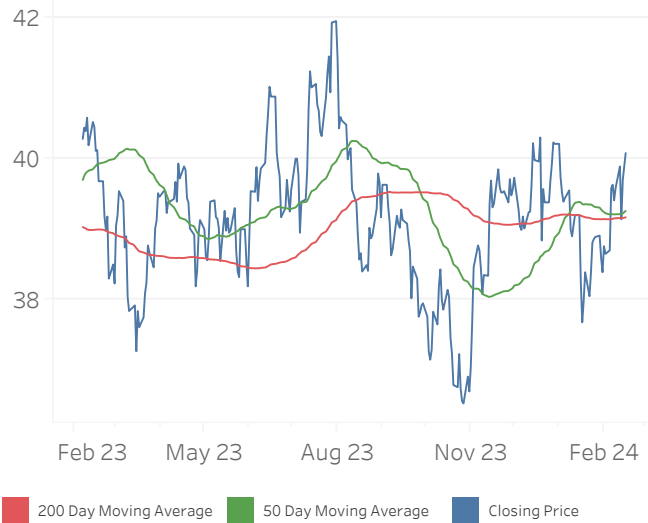
Developed ex-U.S. Most Oversold

Ticker	Fund	Value
FDD	First Trust Stoxx European Select Dividend Index Fu..	37.84
EWP	iShares MSCI Spain ETF	39.30
ENZL	iShares MSCI New Zealand ETF	44.51
EWL	iShares MSCI Switzerland ETF	47.03
SCJ	iShares MSCI Japan Small-Cap ETF	47.19
EWO	iShares MSCI Austria ETF	47.74
IDLV	Invesco S&P International Developed Low Volatility ..	48.44
DFJ	WisdomTree Japan SmallCap Dividend Fund	49.02
FSZ	First Trust Switzerland AlphaDEX Fund	49.34
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	50.46

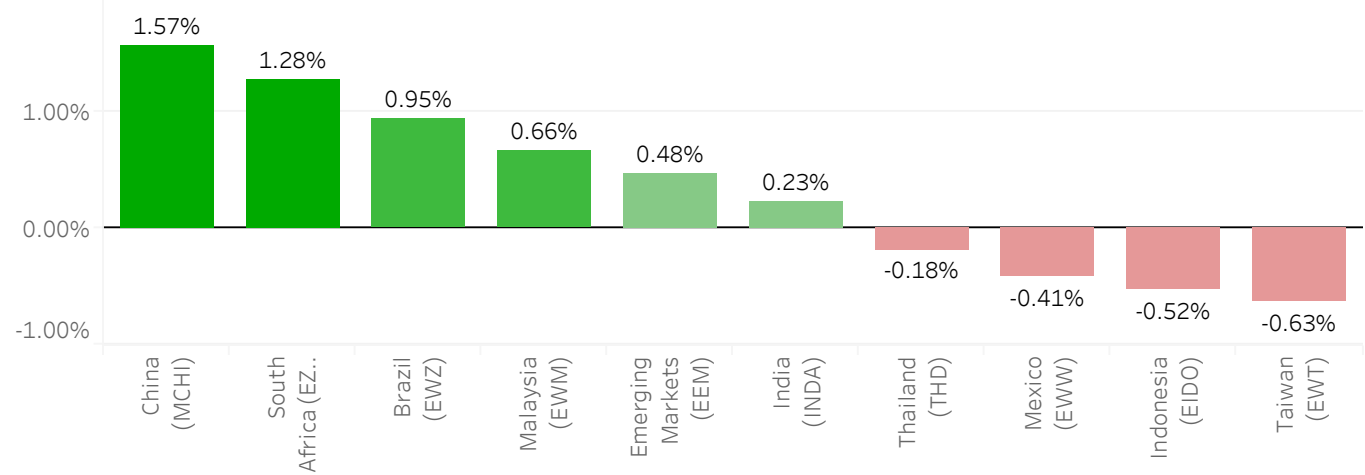
\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



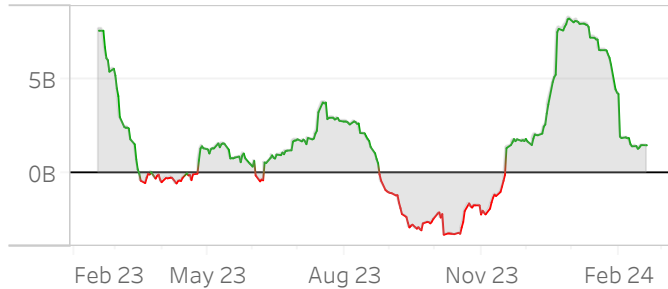
Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



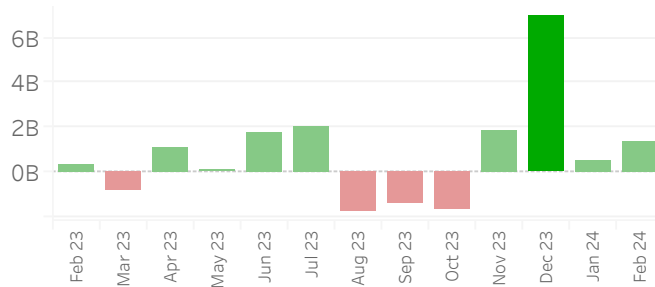
Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	1.95%
FLN	First Trust Latin America AlphaDEX Fund	1.70%
MCHI	iShares MSCI China ETF	1.57%
GXC	SPDR S&P China ETF	1.54%
FLCH	Franklin FTSE China ETF	1.52%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	1.51%
FXI	iShares China Large-Cap ETF	1.36%
EYLD	Cambria Emerging Shareholder Yield ETF	1.31%
EZA	iShares MSCI South Africa ETF	1.28%
CNYA	iShares MSCI China A ETF	1.28%

Emerging Most Overbought

Ticker	Fund	Price
GLIN	VanEck India Growth Leaders ETF	70.68
TUR	iShares MSCI Turkey ETF	70.60
EYLD	Cambria Emerging Shareholder Yield ETF	68.79
KSA	iShares MSCI Saudi Arabia ETF	67.89
EPHE	iShares MSCI Philippines ETF	66.29
DGRE	WisdomTree Emerging Markets Quality Dividend Gro..	65.77
NFTY	First Trust India NIFTY 50 Equal Weight ETF	65.55
EPI	WisdomTree India Earnings Fund	64.71
EPU	iShares MSCI Peru and Global Exposure ETF	64.39
INDA	iShares MSCI India ETF	63.43

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EWT	iShares MSCI Taiwan ETF	-0.63%
FTW	Franklin FTSE Taiwan ETF	-0.59%
EIDO	iShares MSCI Indonesia ETF	-0.52%
NUEM	Nuveen ESG Emerging Markets Equity ETF	-0.52%
EWW	iShares MSCI Mexico ETF	-0.41%
EPHE	iShares MSCI Philippines ETF	-0.29%
THD	iShares MSCI Thailand ETF	-0.18%
XCEM	Columbia EM Core ex-China ETF	-0.13%
SMIN	iShares MSCI India Small Cap ETF	-0.03%
EMXC	iShares MSCI Emerging Markets ex China ETF	0.00%

Emerging Most Oversold

Ticker	Fund	Price
THD	iShares MSCI Thailand ETF	43.15
EWZS	iShares MSCI Brazil Small-Cap ETF	45.43
ARGT	Global X MSCI Argentina ETF	47.26
EZA	iShares MSCI South Africa ETF	48.62
EWZ	iShares MSCI Brazil ETF	49.43
FLBR	Franklin FTSE Brazil ETF	49.88
FLLA	Franklin FTSE Latin America ETF	50.64
ECH	iShares MSCI Chile ETF	50.67
FM	iShares Frontier and Select EM ETF	51.95
EWW	iShares MSCI Mexico ETF	53.33

\* 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	-0.32%	-0.99%	-1.88%
SHY	1-3 Year Treasury Bonds	-0.12%	-0.38%	-0.17%
IEF	7-10 Year Treasury Bonds	-0.44%	-1.55%	-2.51%
TLT	20+ Year Treasury Bonds	-0.58%	-1.86%	-5.89%
TIP	TIPS Bonds	-0.10%	-1.01%	-1.24%
FLOT	Floating Rate Bonds	-0.08%	0.71%	1.05%
LQD	Investment Grade Corporate	-0.36%	-1.34%	-2.53%
HYG	High Yield Corporate	-0.30%	0.10%	-0.13%
BKLN	Senior Loan	0.09%	0.42%	0.46%
PFF	Preferred & Income Securities	-0.38%	1.57%	2.42%
MUB	Municipal Bonds	-0.09%	-0.16%	-0.24%
MBB	MBS	-0.40%	-1.27%	-2.24%
EMB	Dollar Denominated EM Bonds	-0.68%	-0.16%	-1.69%
LEMB	Local Currency EM Bond	-0.08%	-0.78%	-2.40%

### Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.64%	-0.73%	-2.01%
DBE	Energy	0.10%	2.77%	4.17%
USO	WTI Crude Oil	0.78%	9.16%	10.14%
BNO	Brent Crude Oil	0.50%	8.05%	9.59%
UNG	Natural Gas	1.22%	-35.16%	-26.08%
UGA	Gasoline	0.32%	8.91%	9.59%
DBP	Precious Metals	0.79%	-0.12%	-2.16%
GLD	Gold	0.37%	-0.84%	-2.53%
SLV	Silver	2.15%	2.05%	-1.79%
PPLT	abrdn Physical Platin..	0.73%	0.65%	-8.62%
PALL	abrdn Physical Palla..	-0.46%	1.39%	-13.51%
DBB	Base Metals	0.76%	-1.32%	-6.07%
CPER	Copper	1.97%	1.88%	-1.24%
DBA	Agriculture	-0.50%	4.48%	4.58%
CORN	Corn	0.21%	-4.56%	-9.83%
SOYB	Soybeans	0.74%	-4.57%	-8.74%
WEAT	Wheat	-1.32%	-6.94%	-12.40%
CANE	Sugar	1.60%	3.29%	9.75%

### Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.04%	1.44%	3.69%
UDN	Short Dollar	-0.03%	-0.70%	-2.58%
FXE	Euro	0.07%	-0.68%	-2.07%
FXB	British Pound Sterling	0.03%	0.04%	-0.72%
FXF	Swiss Franc	-0.11%	-2.18%	-4.51%
FXJ	Japanese Yen	-0.23%	-2.02%	-6.31%
FXC	Canadian Dollar	-0.11%	0.20%	-1.49%
FXA	Australian Dollar	0.16%	-0.69%	-3.94%

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