

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

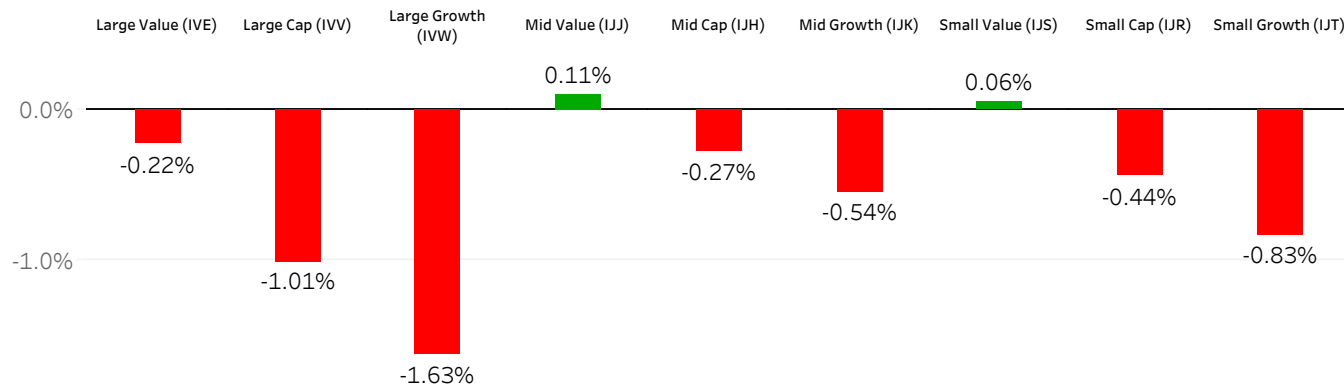


Small Cap Blend (S&P 600) IJR



■ 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
SVAL	iShares US Small Cap Value Factor ETF	0.72%
FDL	First Trust Morningstar Dividend Leaders Index Fund	0.68%
WBIY	WBI Power Factor High Dividend ETF	0.64%
CSB	VictoryShares US Small Cap High Dividend Volatility Wt..	0.54%
DHS	WisdomTree U.S. High Dividend Fund	0.45%
SPDV	AAM S&P 500 High Dividend Value ETF	0.44%
DVY	iShares Select Dividend ETF	0.43%
SDOG	ALPS Sector Dividend Dogs ETF	0.40%
FNK	First Trust Mid Cap Value AlphaDEX Fund	0.40%
SMDV	ProShares Russell 2000 Dividend Growers ETF	0.38%

Size & Style Most Overbought

Ticker	Fund	Value
RFG	Invesco S&P Midcap 400 Pure Growth ETF	77.72
XMHQ	Invesco S&P MidCap Quality ETF	76.53
XMMO	Invesco S&P MidCap Momentum ETF	76.00
PWV	Invesco Large Cap Value ETF	75.81
SPMO	Invesco S&P 500 Momentum ETF	75.16
BMVP	Invesco Bloomberg MVP Multi-factor ETF	73.75
GRPM	Invesco S&P MidCap 400 GARP ETF	73.73
IJK	iShares S&P Mid-Cap 400 Growth ETF	73.53
IVOG	Vanguard S&P Mid-Cap 400 Growth ETF	73.36
MDYG	SPDR S&P 400 Mid Cap Growth ETF	73.01

Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
FFTY	Innovator IBD 50 ETF	-3.82%
BUZZ	VanEck Social Sentiment ETF	-2.92%
IPO	Renaissance IPO ETF	-2.79%
FPX	First Trust US Equity Opportunities ETF	-2.67%
QQH	HCM Defender 100 Index ETF	-2.63%
DRUP	GraniteShares Nasdaq Select Disruptors ETF	-2.45%
LCG	Sterling Capital Focus Equity ETF	-2.41%
AIEQ	Amplify AI Powered Equity ETF	-1.88%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	-1.88%
MMLG	First Trust Multi-Manager Large Growth ETF	-1.87%

Size & Style Most Oversold

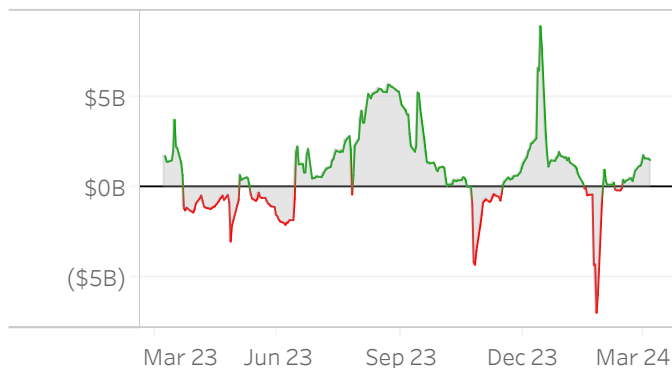
Ticker	Fund	Value
SIXS	ETC 6 Meridian Small Cap Equity ETF	43.08
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	45.33
PEY	Invesco High Yield Equity Dividend Achievers ETF	47.02
SEIQ	SEI Enhanced U.S. Large Cap Quality Factor ETF	47.52
LCG	Sterling Capital Focus Equity ETF	48.48
ACSI	American Customer Satisfaction ETF	48.56
CALF	Pacer US Small Cap Cash Cows 100 ETF	49.00
HLAL	Wahed FTSE USA Shariah ETF	49.07
AIEQ	Amplify AI Powered Equity ETF	49.51
XSLV	Invesco S&P SmallCap Low Volatility ETF	49.64

\* 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	\$1,831B	\$3.03B	\$61.80B	\$129.84B	\$191.72B
Large Cap, Beta, Beta: Growth	10	\$356B	\$1.01B	\$5.09B	\$16.22B	\$22.33B
Large Cap, Beta, Beta: Value	11	\$255B	\$0.02B	\$3.84B	\$8.27B	\$0.75B
Mid Cap, Beta, Beta	10	\$223B	\$0.03B	\$0.47B	\$2.03B	\$7.27B
Mid Cap, Beta, Beta: Growth	6	\$43B	\$0.10B	\$0.18B	\$0.72B	\$1.70B
Mid Cap, Beta, Beta: Value	6	\$41B	\$0.01B	(\$0.70B)	(\$1.37B)	(\$3.44B)
Small Cap, Beta, Beta	11	\$235B	\$0.09B	\$7.65B	\$12.69B	\$17.30B
Small Cap, Beta, Beta: Growth	7	\$40B	\$0.14B	\$1.41B	\$2.31B	\$2.57B
Small Cap, Beta, Beta: Value	7	\$53B	\$0.00B	\$0.48B	\$0.23B	(\$2.03B)

U.S. Size & Style Flow Leaders

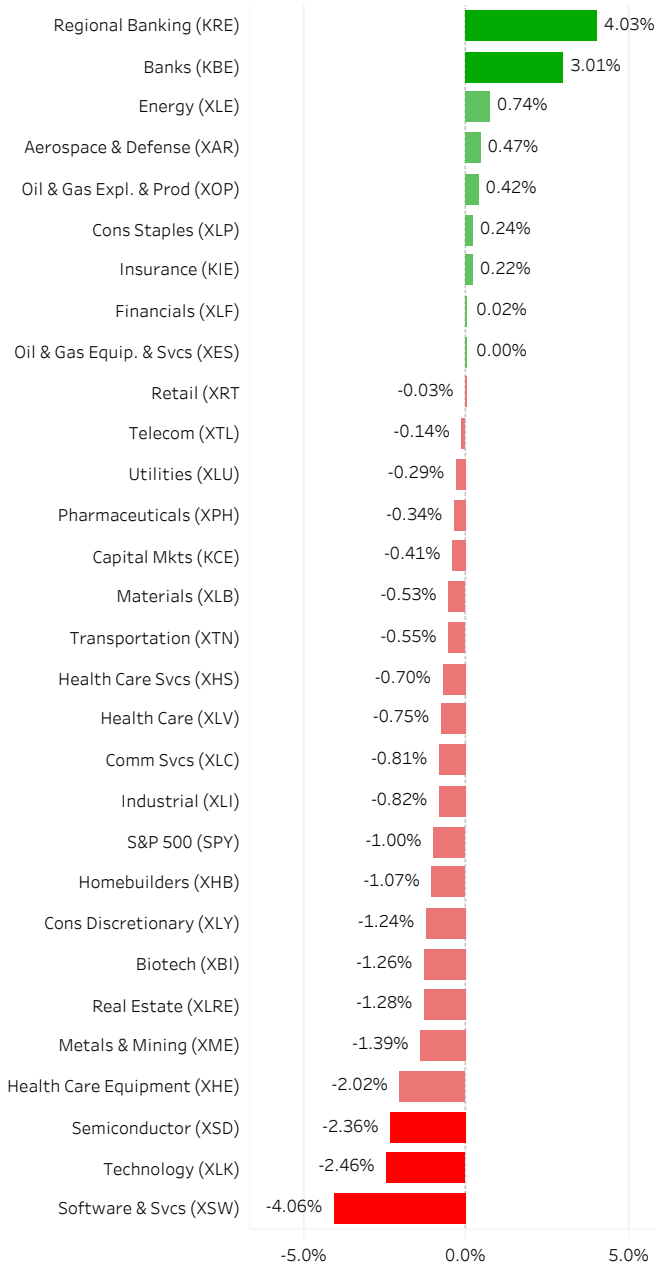
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	\$2.47B	\$19.97B	\$30.21B	\$58.20B	\$420.65B
IVV	iShares Core S&P 500 ETF	\$2.20B	\$23.13B	\$42.79B	\$58.72B	\$449.69B
VTI	Vanguard Total Stock Market ETF	\$1.11B	\$9.06B	\$15.68B	\$24.64B	\$379.90B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.46B	\$2.89B	\$4.62B	\$10.30B	\$51.13B
VUG	Vanguard Growth ETF	\$0.41B	\$2.76B	\$4.91B	\$5.01B	\$117.12B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.37B	\$6.05B	\$8.91B	\$11.65B	\$32.65B
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ..	\$0.24B	\$2.49B	\$4.82B	\$8.08B	\$10.98B
SPYG	SPDR Portfolio S&P 500 Growth ETF	\$0.24B	\$0.71B	\$1.87B	\$3.05B	\$24.19B
CALF	Pacer US Small Cap Cash Cows 100 ETF	\$0.20B	\$3.18B	\$4.86B	\$6.09B	\$9.02B
IVW	iShares S&P 500 Growth ETF	\$0.18B	(\$1.90B)	(\$2.27B)	(\$0.04B)	\$39.04B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.50B)	(\$3.74B)	(\$6.19B)	(\$7.42B)	\$24.82B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.27B)	(\$0.06B)	(\$0.20B)	(\$0.29B)	\$33.13B
IWF	iShares Russell 1000 Growth ETF	(\$0.17B)	(\$0.61B)	\$2.39B	\$2.03B	\$88.37B
QGRO	American Century U.S. Quality Growth ETF	(\$0.14B)	\$0.06B	\$0.08B	\$0.37B	\$0.89B
USXF	iShares ESG Advanced MSCI USA ETF	(\$0.14B)	\$0.04B	\$0.07B	\$0.06B	\$0.96B
NULG	Nuveen ESG Large-Cap Growth ETF	(\$0.13B)	\$0.01B	(\$0.01B)	\$0.03B	\$1.31B
IWM	iShares Russell 2000 ETF	(\$0.10B)	\$0.33B	\$3.81B	\$3.67B	\$62.74B
VLUE	iShares MSCI USA Value Factor ETF	(\$0.08B)	\$0.04B	(\$0.09B)	(\$1.04B)	\$7.12B
PABU	iShares Paris-Aligned Climate MSCI USA ETF	(\$0.08B)	\$0.09B	\$0.10B	\$0.46B	\$1.78B
SPTM	SPDR Portfolio S&P 1500 Composite Stock Ma..	(\$0.08B)	\$0.15B	\$0.36B	\$0.61B	\$8.09B

\* 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)
XLF	Financial Select Sector SPDR Fund	0.00%	30.36%	4.33%	14.19%	69.45
XLB	Materials Select Sector SPDR Fund	-0.53%	18.36%	4.61%	7.86%	68.29
XLI	Industrial Select Sector SPDR Fund	-0.82%	25.43%	4.86%	12.03%	67.60
SPY	SPDR S&P 500 ETF Trust	-1.11%	29.35%	3.65%	11.58%	60.63
XLV	Health Care Select Sector SPDR Fund	-1.91%	17.78%	2.16%	8.27%	53.81
XLC	Communication Services Select Sector SPDR Fund	-2.33%	41.72%	2.38%	12.78%	50.16
XLK	Technology Select Sector SPDR Fund	-2.46%	43.51%	3.20%	14.14%	53.80
XLRE	Real Estate Select Sector SPDR Fund	-2.52%	22.65%	1.53%	6.42%	58.37
XLY	Consumer Discretionary Select Sector SPDR Fund	-2.58%	27.37%	1.82%	6.53%	51.85
XLP	Consumer Staples Select Sector SPDR Fund	-3.61%	12.81%	2.12%	3.76%	62.90
XLE	Energy Select Sector SPDR Fund	-6.97%	13.40%	3.46%	2.05%	60.18
XLU	Utilities Select Sector SPDR Fund	-10.56%	11.37%	0.94%	-0.60%	56.82

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
KBWR	Invesco KBW Regional Banking ETF	4.20%
KRE	SPDR S&P Regional Banking ETF	4.03%
QABA	First Trust NASDAQ ABA Community Bank Index F..	3.18%
KBE	SPDR S&P Bank ETF	3.01%
IAT	iShares U.S. Regional Banks ETF	2.81%
FTXO	First Trust Nasdaq Bank ETF	2.36%
KBWB	Invesco KBW Bank ETF	1.40%
MLPA	Global X MLP ETF	1.09%
FXO	First Trust Financials AlphaDEX Fund	1.00%
RSPG	Invesco S&P 500 Equal Weight Energy ETF	0.83%

### Sector & Industry Most Overbought

Ticker	Fund	1 Day Performance
PPA	Invesco Aerospace & Defense ETF	76.72
XAR	SPDR S&P Aerospace & Defense ETF	72.30
ITA	iShares U.S. Aerospace & Defense ETF	71.75
IYF	iShares U.S. Financials ETF	71.58
VFH	Vanguard Financials ETF	70.65
FNCL	Fidelity MSCI Financials Index ETF	70.18
IYG	iShares US Financial Services ETF	69.85
KBWB	Invesco KBW Bank ETF	69.48
XLF	Financial Select Sector SPDR Fund	69.45
PAVE	Global X U.S. Infrastructure Development ETF	69.24

### Sector & Industry 1 Day Performance Laggards

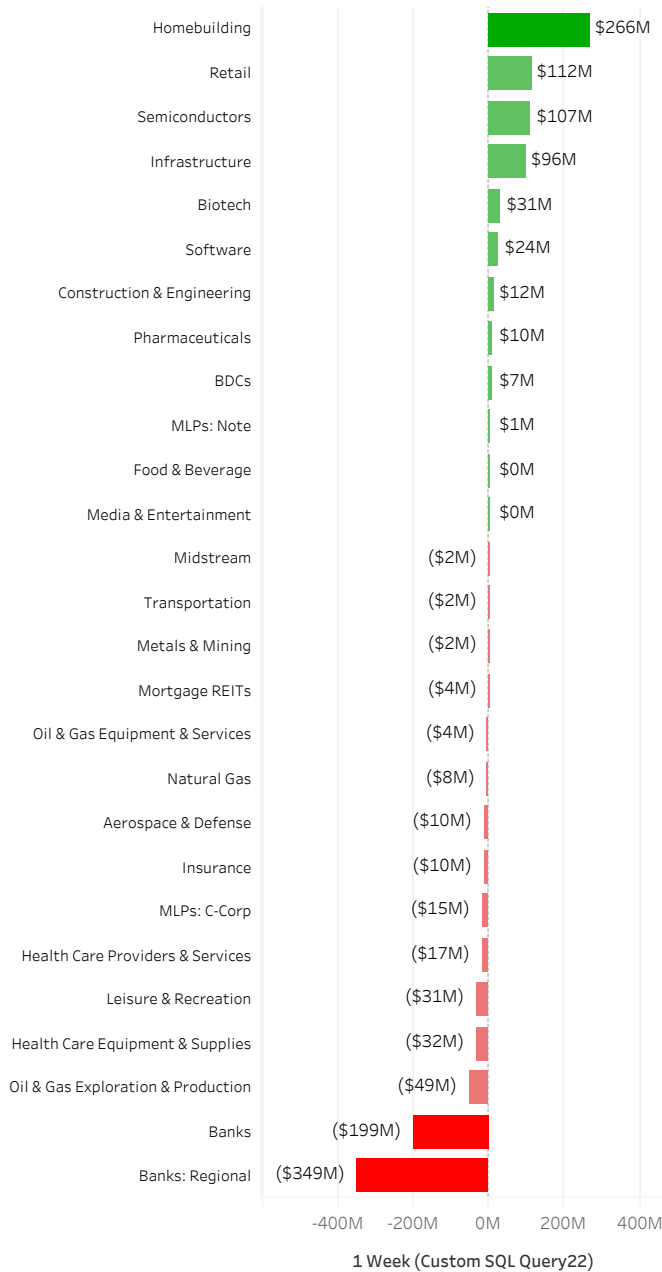
Ticker	Fund	1 Day Performance
PTF	Invesco Dorsey Wright Technology Momentum ETF	-4.54%
XSW	SPDR S&P Software & Services ETF	-4.06%
IGV	iShares Expanded Tech-Software Sector ETF	-3.82%
FXL	First Trust Technology AlphaDEX Fund	-2.82%
PSI	Invesco Semiconductors ETF	-2.62%
QTEC	First Trust NASDAQ-100 Technology Sector Index Fund	-2.59%
XLK	Technology Select Sector SPDR Fund	-2.46%
VGT	Vanguard Information Technology ETF	-2.40%
XSD	SPDR S&P Semiconductor ETF	-2.36%
IYW	iShares U.S. Technology ETF	-2.35%

### Sector & Industry Most Oversold

Ticker	Fund	1 Day Performance
PSCC	Invesco S&P SmallCap Consumer Staples ETF	39.93
IHF	iShares U.S. Healthcare Providers ETF	40.64
RSPC	Invesco S&P 500 Equal Weight Communication Services E..	41.26
XSW	SPDR S&P Software & Services ETF	42.71
KBWY	Invesco KBW Premium Yield Equity REIT ETF	42.77
IGV	iShares Expanded Tech-Software Sector ETF	43.17
INDS	Pacer Industrial Real Estate ETF	43.92
IYZ	iShares U.S. Telecommunications ETF	44.25
NETL	NETLease Corporate Real Estate ETF	44.57
XHE	SPDR S&P Health Care Equipment ETF	44.60

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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	(\$228M)	\$165M	\$681M	\$3,830M
Consumer Discretionary	12	\$31B	\$113M	\$1,856M	\$1,804M	\$4,429M
Consumer Staples	10	\$25B	\$200M	(\$1,983M)	(\$4,377M)	(\$3,807M)
Energy	30	\$71B	(\$501M)	(\$3,453M)	(\$1,279M)	(\$7,992M)
Financials	26	\$63B	(\$1,088M)	(\$1,031M)	(\$3,015M)	(\$3,040M)
Health Care	23	\$94B	\$492M	\$74M	(\$4,043M)	(\$6,366M)
Industrial	13	\$40B	\$662M	\$1,519M	\$691M	\$1,389M
Materials	9	\$12B	(\$157M)	(\$1,043M)	(\$1,874M)	(\$4,015M)
Multi-Sector	16	\$23B	\$409M	\$1,031M	\$380M	\$3,447M
Real Estate	25	\$61B	\$1,021M	\$1,609M	\$2,463M	\$877M
Technology	23	\$198B	(\$4,613M)	\$4,808M	\$9,564M	\$11,737M
Utilities	9	\$19B	(\$70M)	(\$1,956M)	(\$3,347M)	(\$2,891M)

## U.S. Sector & Industry Flow Leaders

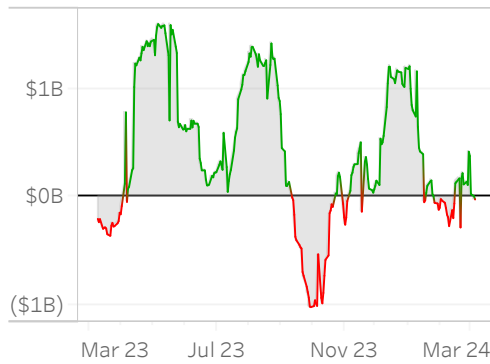
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IYR	iShares U.S. Real Estate ETF	\$710M	(\$67M)	\$876M	\$458M	\$3,925M
XLI	Industrial Select Sector SPDR Fund	\$598M	\$803M	\$230M	\$376M	\$17,564M
XLV	Health Care Select Sector SPDR Fund	\$468M	\$67M	(\$2,543M)	(\$2,331M)	\$41,416M
XLK	Technology Select Sector SPDR Fund	\$464M	\$1,752M	\$3,538M	\$3,724M	\$65,399M
VNQ	Vanguard Real Estate ETF	\$225M	\$862M	\$13M	(\$626M)	\$34,046M
XLP	Consumer Staples Select Sector SPDR Fund	\$220M	(\$1,272M)	(\$1,824M)	(\$1,223M)	\$15,318M
ITB	iShares U.S. Home Construction ETF	\$213M	\$413M	\$205M	\$725M	\$3,024M
XRT	SPDR S&P Retail ETF	\$112M	\$97M	\$231M	\$224M	\$610M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$111M	\$1,420M	\$1,671M	\$2,964M	\$20,678M
SOXX	iShares Semiconductor ETF	\$106M	\$523M	\$575M	\$1,023M	\$12,937M

## U.S. Sector & Industry Flow Laggards

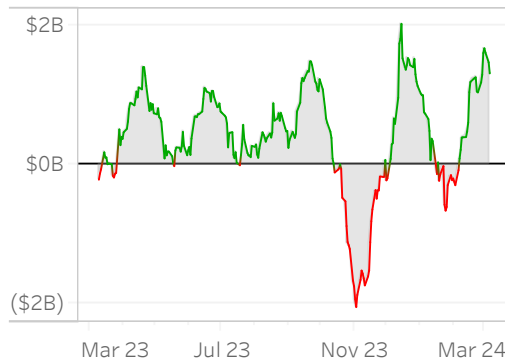
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	(\$353M)	(\$2,722M)	(\$1,049M)	(\$4,739M)	\$35,531M
KRE	SPDR S&P Regional Banking ETF	(\$345M)	(\$1,035M)	(\$522M)	\$529M	\$2,507M
XLF	Financial Select Sector SPDR Fund	(\$333M)	\$314M	(\$1,245M)	(\$541M)	\$36,853M
KBE	SPDR S&P Bank ETF	(\$216M)	(\$88M)	(\$347M)	(\$67M)	\$1,395M
FTEC	Fidelity MSCI Information Technology Index ETF	(\$215M)	\$397M	\$562M	\$906M	\$9,393M
VOX	Vanguard Communication Services ETF	(\$215M)	\$86M	(\$24M)	\$338M	\$3,933M
VFH	Vanguard Financials ETF	(\$184M)	(\$621M)	(\$1,008M)	(\$801M)	\$9,083M
XLB	Materials Select Sector SPDR Fund	(\$125M)	(\$761M)	(\$962M)	(\$1,135M)	\$5,038M
VCR	Vanguard Consumer Discretionary ETF	(\$107M)	\$200M	(\$34M)	\$378M	\$5,586M
VDE	Vanguard Energy ETF	(\$69M)	\$7M	(\$27M)	(\$145M)	\$8,110M

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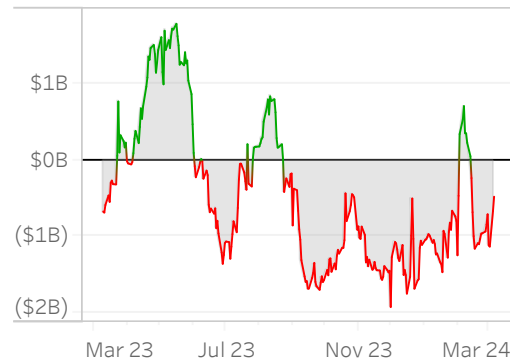
Communication Services



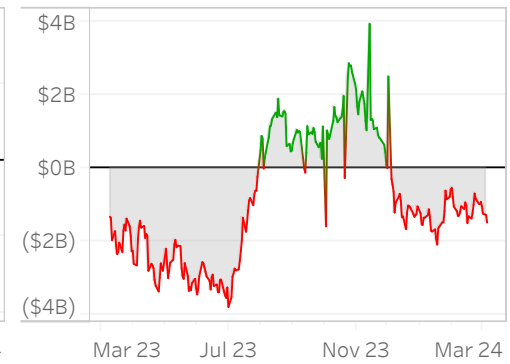
Consumer Discretionary



Consumer Staples



Energy



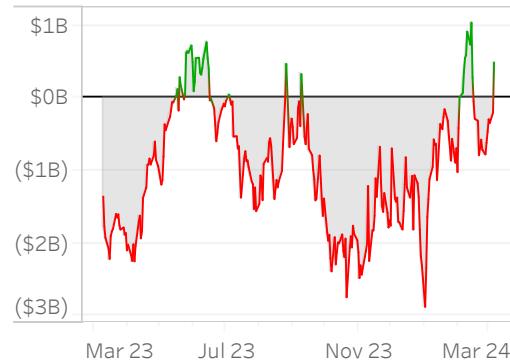
Financials



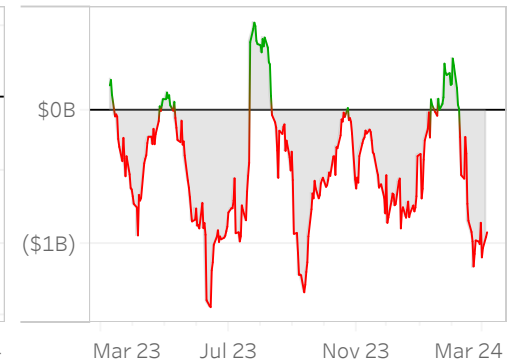
Industrial



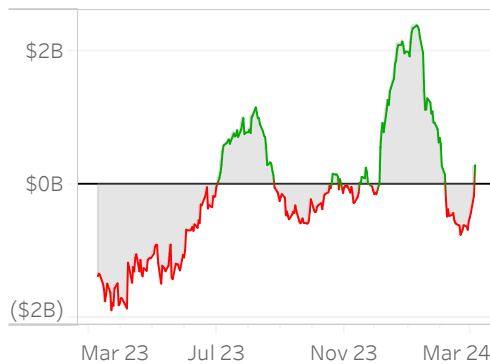
Health Care



Materials



Real Estate



Technology



Utilities

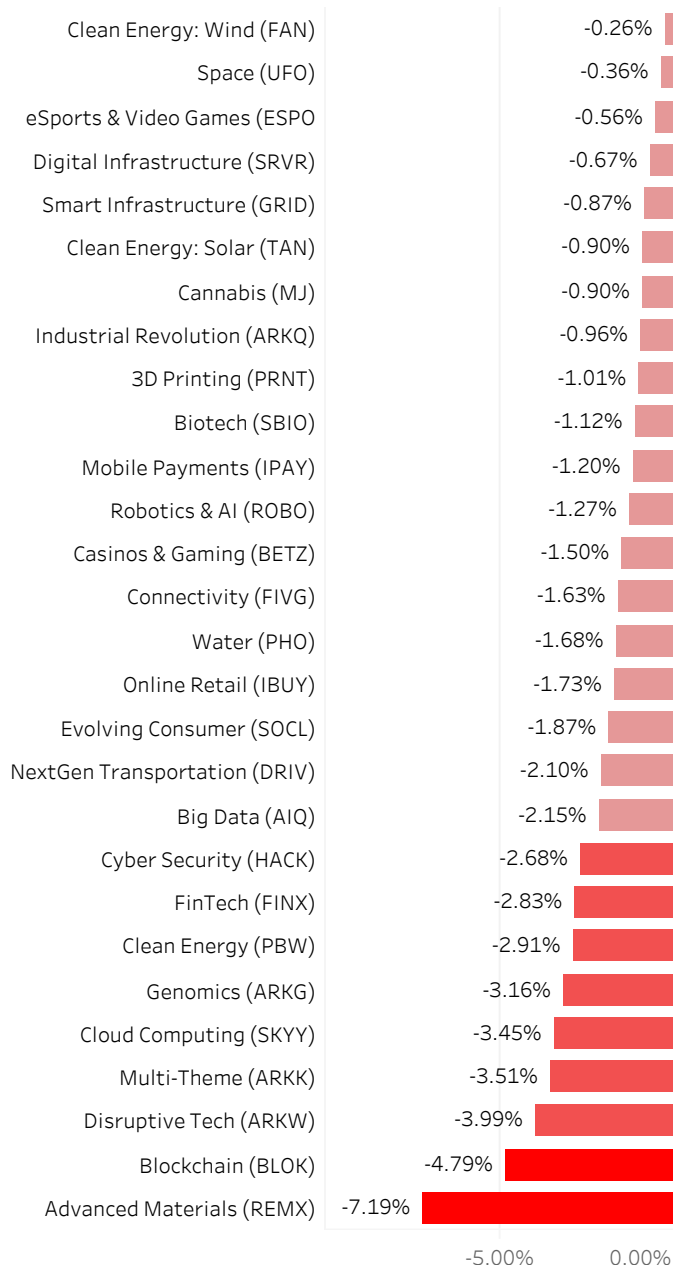


Multi-Sector

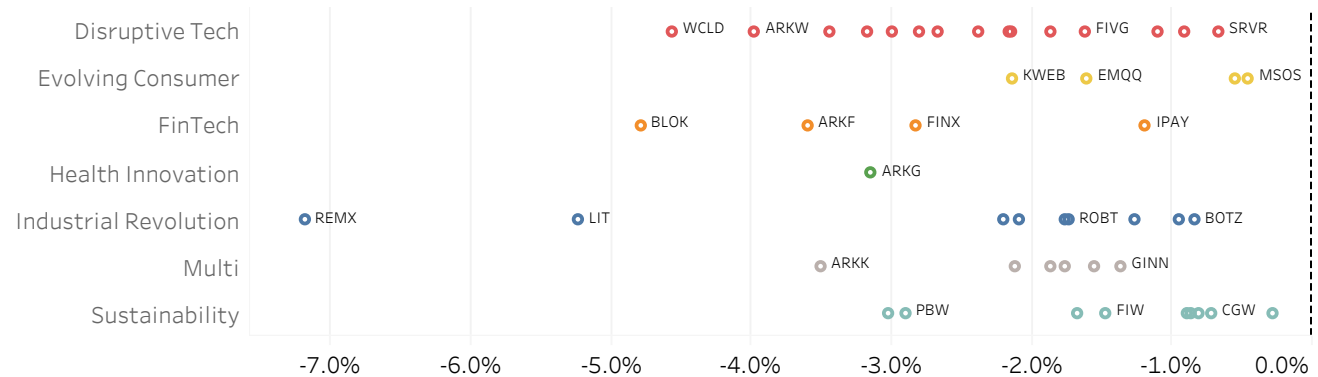


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
ARKX	ARK Space Exploration & Innovation ETF	1.17%
KGRN	KraneShares MSCI China Clean Technology Index ETF	0.11%
SMOG	VanEck Low Carbon Energy ETF	-0.08%
CTEC	Global X CleanTech ETF	-0.11%
FAN	First Trust Global Wind Energy ETF	-0.26%
ICLN	iShares Global Clean Energy ETF	-0.29%
MSOS	AdvisorShares Pure US Cannabis ETF	-0.47%
KLDW	Knowledge Leaders Developed World ETF	-0.50%
SAMT	Strategas Macro Thematic Opportunities ETF	-0.54%
ESPO	VanEck Video Gaming and eSports ETF	-0.56%

Thematic Most Overbought

Ticker	Fund	Value
PIO	Invesco Global Water ETF	69.84
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	68.49
BOTZ	Global X Robotics & Artificial Intelligence ETF	67.10
EVX	VanEck Environmental Services ETF	66.84
ONLN	ProShares Online Retail ETF	66.74
KLDW	Knowledge Leaders Developed World ETF	66.43
VPN	Global X Data Center REITs & Digital Infrastructure ETF	66.04
QTUM	Defiance Quantum ETF	65.76
FIVG	Defiance Next Gen Connectivity ETF	65.71
AGNG	Global X Aging Population ETF	65.70

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
CRPT	First Trust SkyBridge Crypto Industry & Digital Econo..	-11.75%
BITQ	Bitwise Crypto Industry Innovators ETF	-8.91%
WGMI	Valkyrie Bitcoin Miners ETF	-8.35%
DAPP	VanEck Digital Transformation ETF	-7.80%
REMX	VanEck Rare Earth/Strategic Metals ETF	-7.19%
BKCH	Global X Blockchain ETF	-7.00%
FDIG	Fidelity Crypto Industry and Digital Payments ETF	-6.27%
LIT	Global X Lithium & Battery Tech ETF	-5.24%
BLOK	Amplify Transformational Data Sharing ETF	-4.79%
WCLD	WisdomTree Cloud Computing Fund	-4.57%

Thematic Most Oversold

Ticker	Fund	Value
MJ	Amplify Alternative Harvest ETF	39.45
CLOU	Global X Cloud Computing ETF	39.63
PBW	Invesco WilderHill Clean Energy ETF	39.91
PRNT	3D Printing ETF	40.57
WCLD	WisdomTree Cloud Computing Fund	40.67
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	41.02
ACES	ALPS Clean Energy ETF	41.30
HERO	Global X Video Games & Esports ETF	41.79
WCBR	WisdomTree Cybersecurity Fund	42.77
MJUS	Amplify U.S. Alternative Harvest ETF	42.86

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## Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
AIQ	Global X Artificial Intelligence & Technology ETF	\$74M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$49M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$31M
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	\$25M
MSOS	AdvisorShares Pure US Cannabis ETF	\$10M
IHAK	iShares Cybersecurity & Tech ETF	\$10M
QTUM	Defiance Quantum ETF	\$9M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$7M
XT	iShares Exponential Technologies ETF	\$6M
FFLC	Fidelity Fundamental Large Cap Core ETF	\$5M

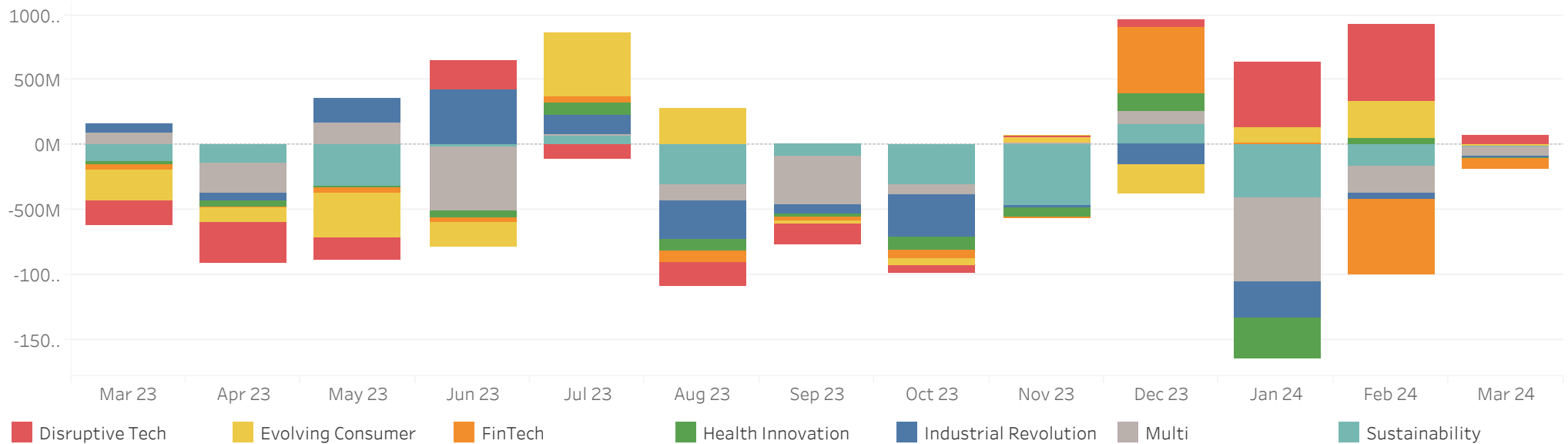
## Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
BLOK	Amplify Transformational Data Sharing ETF	(\$204M)
ARKK	ARK Innovation ETF	(\$115M)
WCLD	WisdomTree Cloud Computing Fund	(\$48M)
XITK	SPDR FactSet Innovative Technology ETF	(\$30M)
ARKW	ARK Next Generation Internet ETF	(\$20M)
IBUY	Amplify Online Retail ETF	(\$17M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$15M)
TAN	Invesco Solar ETF	(\$14M)
LIT	Global X Lithium & Battery Tech ETF	(\$14M)
WGMI	Valkyrie Bitcoin Miners ETF	(\$11M)

## Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$21B	\$77M	\$1,200M	\$979M	\$260M
Evolving Consumer	34	\$9B	(\$10M)	\$203M	\$168M	\$86M
FinTech	17	\$3B	(\$156M)	(\$204M)	(\$221M)	(\$429M)
Health Innovation	17	\$3B	(\$3M)	(\$152M)	(\$323M)	(\$450M)
Industrial Revolution	30	\$10B	(\$11M)	(\$496M)	(\$913M)	(\$436M)
Multi	33	\$16B	(\$88M)	(\$564M)	(\$1,108M)	(\$1,829M)
Sustainability	39	\$12B	(\$29M)	(\$518M)	(\$1,281M)	(\$2,147M)
Grand Total	203	\$74B	(\$221M)	(\$531M)	(\$2,700M)	(\$4,946M)

## Thematic Monthly Flows

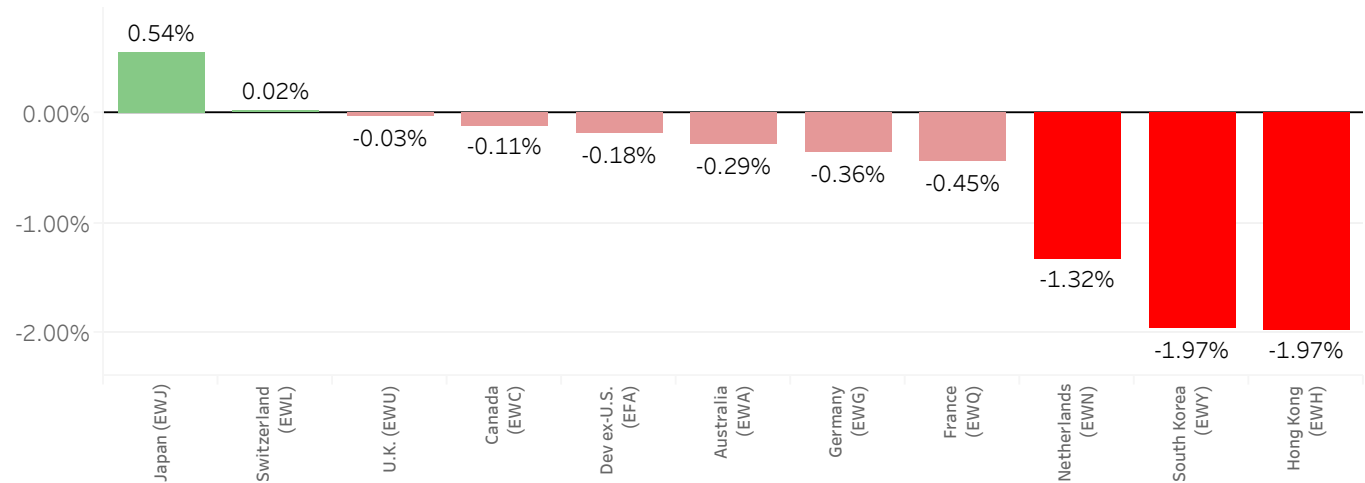


\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day

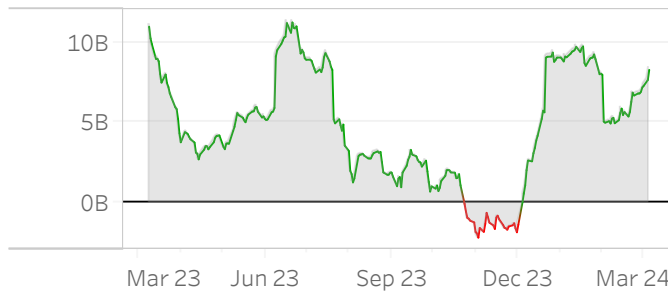
Developed ex-U.S. (EFA)



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



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



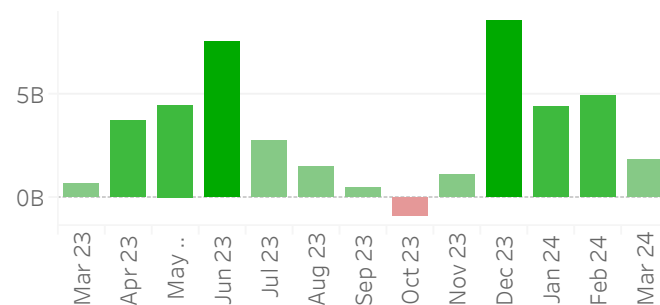
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWJV	iShares MSCI Japan Value ETF	0.88%
FJP	First Trust Japan AlphaDEX Fund	0.75%
DFJ	WisdomTree Japan SmallCap Dividend Fund	0.66%
EWI	iShares MSCI Italy ETF	0.64%
EWJ	iShares MSCI Japan ETF	0.54%
EWP	iShares MSCI Spain ETF	0.54%
FLJP	Franklin FTSE Japan ETF	0.53%
BBJP	JPMorgan BetaBuilders Japan ETF	0.52%
IVAL	Alpha Architect International Quantitative Value ETF	0.46%
JPNX	iShares JPX-Nikkei 400 ETF	0.46%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	84.56
DXJ	WisdomTree Japan Hedged Equity Fund	83.05
HEWJ	iShares Currency Hedged MSCI Japan ETF	80.26
IMTM	iShares MSCI Intl Momentum Factor ETF	79.02
IDMO	Invesco S&P International Developed Momentum ETF	75.71
EWI	iShares MSCI Italy ETF	73.90
EWJV	iShares MSCI Japan Value ETF	73.65
HEDJ	WisdomTree Europe Hedged Equity Fund	73.19
EWJ	iShares MSCI Japan ETF	72.59
BBJP	JPMorgan BetaBuilders Japan ETF	72.31

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	-1.97%
EWY	iShares MSCI South Korea ETF	-1.97%
ISRA	VanEck Israel ETF	-1.86%
FLKR	Franklin FTSE South Korea ETF	-1.80%
EDEN	iShares MSCI Denmark ETF	-1.53%
EIS	iShares MSCI Israel ETF	-1.51%
AIA	iShares Asia 50 ETF	-1.47%
EWN	iShares MSCI Netherlands ETF	-1.32%
MINV	Matthews Asia Innovators Active ETF	-0.98%
PIZ	Invesco Dorsey Wright Developed Markets Momentum ETF	-0.97%

Developed ex-U.S. Most Oversold

Ticker	Fund	Value
EWH	iShares MSCI Hong Kong ETF	40.72
FDD	First Trust Stoxx European Select Dividend Index Fu..	42.72
ENZL	iShares MSCI New Zealand ETF	43.31
EWS	iShares MSCI Singapore ETF	45.53
EWO	iShares MSCI Austria ETF	46.35
EWL	iShares MSCI Switzerland ETF	48.44
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Ja..	49.59
FSZ	First Trust Switzerland AlphaDEX Fund	50.01
IDOG	ALPS International Sector Dividend Dogs ETF	50.06
AIVI	WisdomTree International AI Enhanced Value Fund	50.16

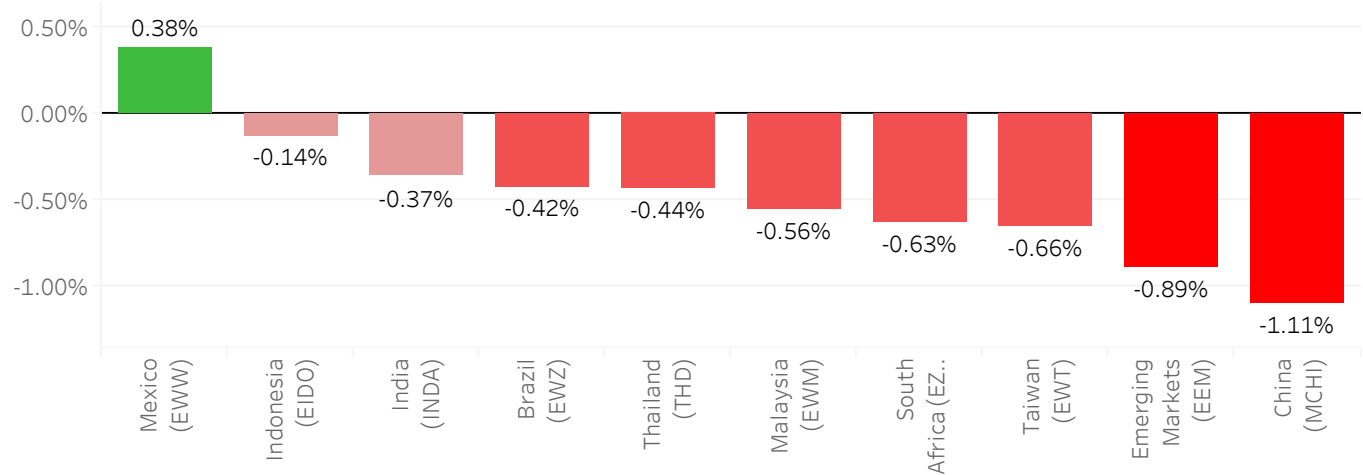
\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



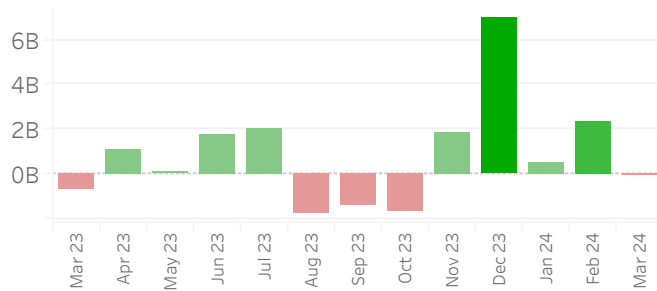
Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	0.91%
EWZS	iShares MSCI Brazil Small-Cap ETF	0.42%
DVYE	iShares Emerging Markets Dividend ETF	0.40%
PIE	Invesco Dorsey Wright Emerging Markets Momentum E..	0.39%
CNYA	iShares MSCI China A ETF	0.38%
EWZ	iShares MSCI Mexico ETF	0.38%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	0.37%
DGS	WisdomTree Emerging Markets SmallCap Dividend Fund	0.10%
EYLD	Cambria Emerging Shareholder Yield ETF	0.06%
EPI	WisdomTree India Earnings Fund	-0.07%

Emerging Most Overbought

Ticker	Fund	Price
EYLD	Cambria Emerging Shareholder Yield ETF	77.16
FM	iShares Frontier and Select EM ETF	68.89
KBA	KraneShares Bosera MSCI China A 50 Connect Index E..	64.94
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	64.62
EPU	iShares MSCI Peru and Global Exposure ETF	64.42
VNM	VanEck Vietnam ETF	63.79
DGS	WisdomTree Emerging Markets SmallCap Dividend F..	63.66
CNYA	iShares MSCI China A ETF	63.63
PIE	Invesco Dorsey Wright Emerging Markets Momentu..	63.49
EPI	WisdomTree India Earnings Fund	62.15

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
ECNS	iShares MSCI China Small-Cap ETF	-2.35%
ECH	iShares MSCI Chile ETF	-1.84%
FXI	iShares China Large-Cap ETF	-1.54%
PGJ	Invesco Golden Dragon China ETF	-1.44%
FLCH	Franklin FTSE China ETF	-1.33%
FRDM	Freedom 100 Emerging Markets ETF	-1.22%
EPOL	iShares MSCI Poland ETF	-1.21%
QAT	iShares MSCI Qatar ETF	-1.19%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-1.19%
MCHI	iShares MSCI China ETF	-1.11%

Emerging Most Oversold

Ticker	Fund	Price
TUR	iShares MSCI Turkey ETF	38.84
THD	iShares MSCI Thailand ETF	40.24
ARGT	Global X MSCI Argentina ETF	41.62
EIDO	iShares MSCI Indonesia ETF	43.63
ECH	iShares MSCI Chile ETF	44.85
EZA	iShares MSCI South Africa ETF	44.93
FLLA	Franklin FTSE Latin America ETF	45.37
EWZ	iShares MSCI Mexico ETF	45.49
EWZ	iShares MSCI Brazil ETF	45.58
FLBR	Franklin FTSE Brazil ETF	45.83

\* 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	0.54%	0.47%	-0.86%
SHY	1-3 Year Treasury Bonds	0.07%	0.15%	0.10%
IEF	7-10 Year Treasury Bonds	0.62%	0.41%	-1.18%
TLT	20+ Year Treasury Bonds	1.42%	1.70%	-2.88%
TIP	TIPS Bonds	0.46%	1.05%	0.03%
FLOT	Floating Rate Bonds	0.04%	0.63%	1.43%
LQD	Investment Grade Corporate	0.55%	0.12%	-1.42%
HYG	High Yield Corporate	-0.08%	0.92%	0.69%
BKLN	Senior Loan	-0.09%	1.28%	1.12%
PFF	Preferred & Income Securities	0.42%	1.58%	3.58%
MUB	Municipal Bonds	0.35%	0.81%	0.12%
MBB	MBS	0.73%	0.55%	-1.11%
EMB	Dollar Denominated EM Bonds	0.22%	2.33%	0.26%
LEMB	Local Currency EM Bond	-0.06%	0.56%	-1.63%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.41%	1.41%	-0.53%
DBE	Energy	-0.75%	1.95%	3.75%
USO	WTI Crude Oil	-0.76%	7.73%	10.20%
BNO	Brent Crude Oil	-0.90%	6.50%	9.23%
UNG	Natural Gas	1.21%	-9.04%	-13.66%
UGA	Gasoline	-2.22%	3.75%	8.04%
DBP	Precious Metals	0.17%	5.19%	2.48%
GLD	Gold	0.60%	5.13%	3.15%
SLV	Silver	-0.87%	5.86%	-0.51%
PPLT	abrdn Physical Platin..	-1.81%	-2.18%	-10.96%
PALL	abrdn Physical Palla..	-1.37%	-0.19%	-13.67%
DBB	Base Metals	-0.06%	1.46%	-4.92%
CPER	Copper	-0.37%	1.83%	-0.87%
DBA	Agriculture	-1.16%	2.21%	6.99%
CORN	Corn	-1.02%	-4.86%	-10.20%
SOYB	Soybeans	-0.29%	-3.54%	-10.15%
WEAT	Wheat	-1.89%	-7.83%	-13.23%
CANE	Sugar	0.56%	-7.74%	2.30%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.11%	-0.28%	3.40%
UDN	Short Dollar	0.11%	0.89%	-1.84%
FXE	Euro	0.02%	1.27%	-1.20%
FXB	British Pound Sterling	0.14%	1.59%	0.26%
FXF	Swiss Franc	0.23%	-1.41%	-4.70%
FXJ	Japanese Yen	0.41%	-0.82%	-6.08%
FXC	Canadian Dollar	-0.10%	-0.17%	-2.11%
FXA	Australian Dollar	-0.04%	0.40%	-4.27%

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