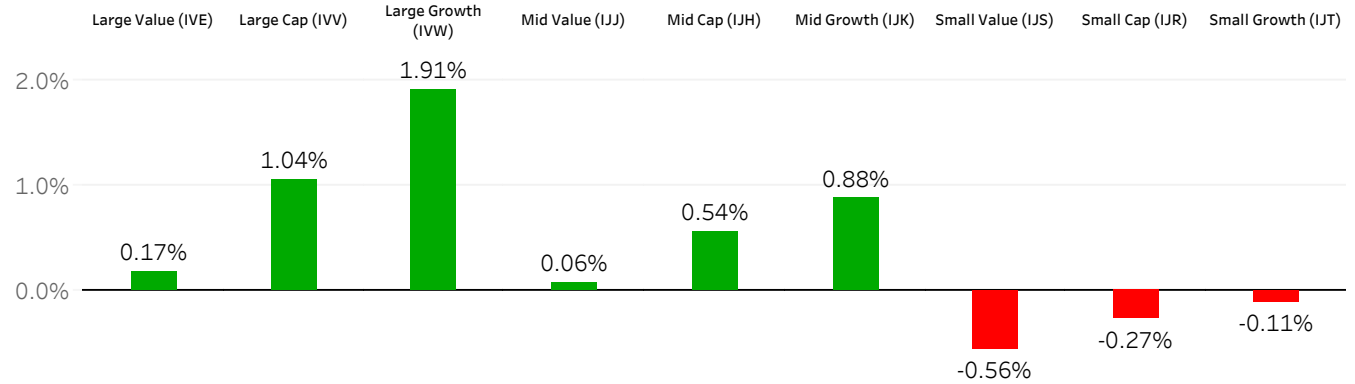


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
FFTY	Innovator IBD 50 ETF	3.06%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	2.29%
QQH	HCM Defender 100 Index ETF	2.11%
MTUM	iShares MSCI USA Momentum Factor ETF	2.10%
WINN	Harbor Long-Term Growers ETF	2.08%
SPMO	Invesco S&P 500 Momentum ETF	2.06%
SPYG	SPDR Portfolio S&P 500 Growth ETF	1.92%
PWB	Invesco Large Cap Growth ETF	1.91%
IVW	iShares S&P 500 Growth ETF	1.91%
VOOG	Vanguard S&P 500 Growth ETF	1.86%

Size & Style Most Overbought

Ticker	Fund	Price
PWV	Invesco Large Cap Value ETF	79.46
IWX	iShares Russell Top 200 Value ETF	77.80
RDVY	First Trust Rising Dividend Achievers ETF	77.30
BMVP	Invesco Bloomberg MVP Multi-factor ETF	76.89
SCHV	Schwab U.S. Large-Cap Value ETF	75.84
SPVU	Invesco S&P 500 Enhanced Value ETF	75.74
COWZ	Pacer US Cash Cows 100 ETF	75.53
WTV	WisdomTree US Value Fund of Benef Interest	75.39
AIVL	WisdomTree U.S. AI Enhanced Value Fund	75.37
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	75.29

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
SVAL	iShares US Small Cap Value Factor ETF	-0.85%
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	-0.79%
SMDV	ProShares Russell 2000 Dividend Growers ETF	-0.63%
SLYV	SPDR S&P 600 Small Cap Value ETF	-0.59%
CSB	VictoryShares US Small Cap High Dividend Volatility Wt..	-0.58%
FYT	First Trust Small Cap Value AlphaDEX Fund	-0.57%
IJS	iShares S&P Small-Cap 600 Value ETF	-0.56%
AVSC	Avantis U.S. Small Cap Equity ETF	-0.55%
VIOV	Vanguard S&P Small-Cap 600 Value ETF	-0.52%
PEY	Invesco High Yield Equity Dividend Achievers ETF	-0.50%

Size & Style Most Oversold

Ticker	Fund	Price
CALF	Pacer US Small Cap Cash Cows 100 ETF	46.86
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	46.92
SVAL	iShares US Small Cap Value Factor ETF	48.43
FYT	First Trust Small Cap Value AlphaDEX Fund	49.14
SIXS	ETC 6 Meridian Small Cap Equity ETF	49.30
RWJ	Invesco S&P SmallCap 600 Revenue ETF	49.63
XSHQ	Invesco S&P SmallCap Quality ETF	49.75
RZV	Invesco S&P Smallcap 600 Pure Value ETF	50.04
FYX	First Trust Small Cap Core AlphaDEX Fund	50.43
XSMO	Invesco S&P SmallCap Momentum ETF	50.46

■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

* 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	\$5.22B	\$74.19B	\$130.30B	\$202.82B
Large Cap, Beta, Beta: Growth	10	\$353B	\$2.42B	\$2.31B	\$15.35B	\$24.70B
Large Cap, Beta, Beta: Value	11	\$258B	\$0.51B	\$1.80B	\$7.15B	\$1.62B
Mid Cap, Beta, Beta	10	\$225B	\$0.78B	(\$1.29B)	(\$0.01B)	\$8.31B
Mid Cap, Beta, Beta: Growth	6	\$43B	\$0.19B	\$0.40B	\$1.23B	\$2.32B
Mid Cap, Beta, Beta: Value	6	\$42B	\$0.13B	(\$1.49B)	(\$2.32B)	(\$3.61B)
Small Cap, Beta, Beta	11	\$236B	\$1.64B	\$7.02B	\$13.19B	\$18.62B
Small Cap, Beta, Beta: Growth	7	\$40B	\$0.24B	\$1.07B	\$1.74B	\$2.81B
Small Cap, Beta, Beta: Value	7	\$54B	\$0.16B	(\$0.68B)	(\$0.34B)	(\$1.73B)

U.S. Size & Style Flow Leaders

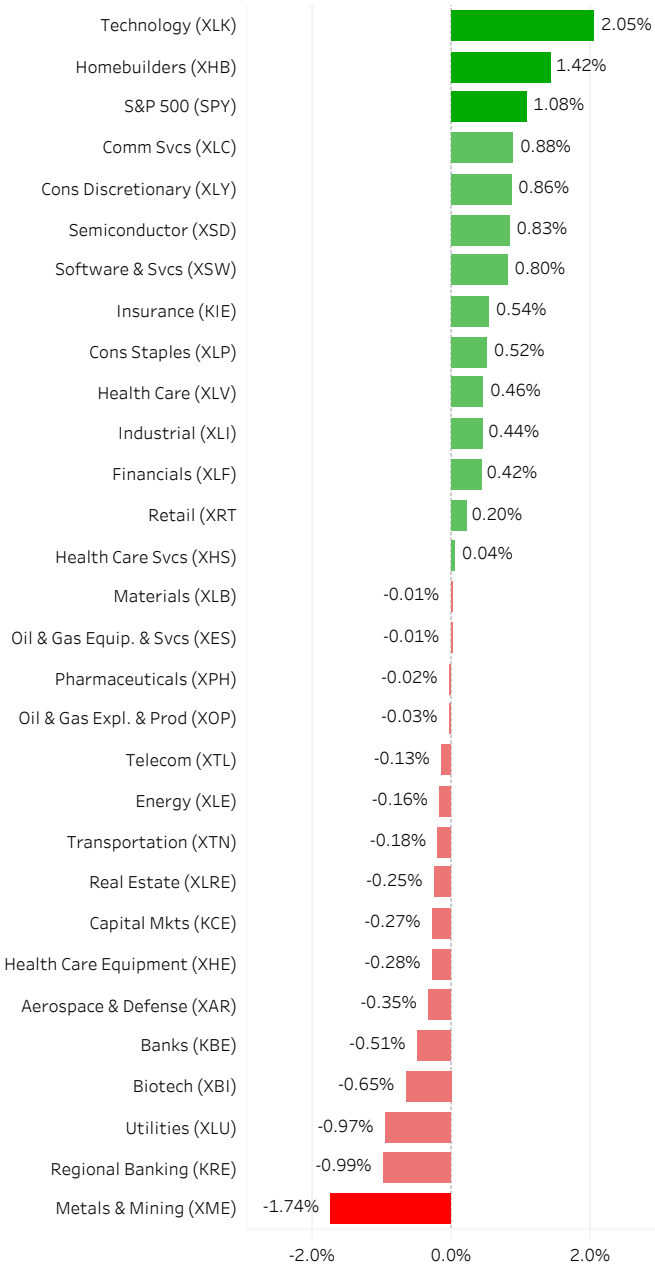
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	\$2.98B	\$23.17B	\$41.87B	\$60.96B	\$451.71B
VUG	Vanguard Growth ETF	\$2.04B	(\$0.18B)	\$4.62B	\$7.02B	\$117.62B
VOO	Vanguard S&P 500 ETF	\$1.27B	\$22.66B	\$34.57B	\$59.88B	\$421.67B
VTI	Vanguard Total Stock Market ETF	\$1.02B	\$6.31B	\$11.54B	\$24.85B	\$379.11B
DYNF	BlackRock U.S. Equity Factor Rotation ETF	\$0.83B	\$4.11B	\$4.12B	\$4.12B	\$4.32B
VB	Vanguard Small-Cap ETF	\$0.78B	\$1.79B	\$2.59B	\$4.54B	\$55.20B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.77B	\$2.84B	\$5.34B	\$11.34B	\$52.38B
IWM	iShares Russell 2000 ETF	\$0.73B	\$0.70B	\$4.63B	\$4.38B	\$62.86B
VO	Vanguard Mid-Cap ETF	\$0.61B	(\$1.16B)	(\$0.36B)	\$3.09B	\$63.41B
VTV	Vanguard Value ETF	\$0.41B	(\$0.02B)	(\$0.25B)	(\$2.27B)	\$113.32B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVW	iShares S&P 500 Growth ETF	(\$0.18B)	(\$2.13B)	(\$2.41B)	(\$0.35B)	\$38.17B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.15B)	\$0.08B	(\$0.70B)	(\$3.80B)	\$9.97B
IMCG	iShares Morningstar Mid-Cap Growth ETF	(\$0.10B)	\$0.11B	\$0.15B	\$0.30B	\$2.03B
COWZ	Pacer US Cash Cows 100 ETF	(\$0.10B)	\$1.98B	\$4.22B	\$5.61B	\$21.02B
DFAT	Dimensional U.S. Targeted Value ETF	(\$0.09B)	\$0.12B	\$0.26B	\$0.59B	\$9.62B
FDLO	Fidelity Low Volatility Factor ETF	(\$0.08B)	(\$0.17B)	\$0.32B	\$0.38B	\$0.98B
IWB	iShares Russell 1000 ETF	(\$0.07B)	(\$0.41B)	(\$0.58B)	(\$1.00B)	\$34.56B
IWS	iShares Russell Mid-Cap Value ETF	(\$0.07B)	(\$0.14B)	(\$0.32B)	(\$0.69B)	\$13.66B
DVY	iShares Select Dividend ETF	(\$0.05B)	(\$1.03B)	(\$1.53B)	(\$3.74B)	\$18.53B
SDY	SPDR S&P Dividend ETF	(\$0.05B)	(\$0.88B)	(\$1.86B)	(\$2.96B)	\$20.65B

* 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)
SPY	SPDR S&P 500 ETF Trust	0.00%	30.63%	4.80%	13.14%	67.16
XLF	Financial Select Sector SPDR Fund	0.00%	30.09%	4.70%	14.82%	74.31
XLK	Technology Select Sector SPDR Fund	0.00%	46.57%	5.04%	16.47%	60.47
XLB	Materials Select Sector SPDR Fund	-0.01%	21.34%	6.73%	10.16%	73.36
XLC	Communication Services Select Sector SPDR Fund	-0.07%	43.44%	3.83%	14.71%	59.15
XLI	Industrial Select Sector SPDR Fund	-0.29%	26.72%	5.19%	12.59%	67.93
XLV	Health Care Select Sector SPDR Fund	-0.56%	19.40%	2.86%	9.41%	61.67
XLRE	Real Estate Select Sector SPDR Fund	-1.56%	23.86%	2.63%	7.23%	60.08
XLY	Consumer Discretionary Select Sector SPDR Fund	-1.97%	28.00%	2.38%	6.80%	54.54
XLP	Consumer Staples Select Sector SPDR Fund	-1.99%	14.71%	3.36%	5.42%	68.57
XLE	Energy Select Sector SPDR Fund	-4.73%	16.12%	5.47%	4.22%	68.37
XLU	Utilities Select Sector SPDR Fund	-9.32%	12.92%	2.32%	0.84%	59.32

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
IGPT	Invesco AI and Next Gen Software ETF	2.60%
IGM	iShares Expanded Tech Sector ETF	2.25%
IGV	iShares Expanded Tech-Software Sector ETF	2.20%
XNTK	SPDR NYSE Technology ETF	2.17%
SOXQ	Invesco PHLX Semiconductor ETF	2.15%
SOXX	iShares Semiconductor ETF	2.07%
VGT	Vanguard Information Technology ETF	2.07%
XLK	Technology Select Sector SPDR Fund	2.05%
FTEC	Fidelity MSCI Information Technology Index ETF	2.04%
IYW	iShares U.S. Technology ETF	1.99%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IAK	iShares U.S. Insurance ETF	76.20
IYF	iShares U.S. Financials ETF	76.00
VFH	Vanguard Financials ETF	75.56
FNCL	Fidelity MSCI Financials Index ETF	75.46
FXG	First Trust Consumer Staples AlphaDEX Fund	75.20
XLF	Financial Select Sector SPDR Fund	74.31
IYG	iShares US Financial Services ETF	73.85
ENFR	Alerian Energy Infrastructure ETF	73.49
KBWP	Invesco KBW Property & Casualty Insurance ETF	73.45
XLB	Materials Select Sector SPDR Fund	73.36

Sector & Industry 1 Day Performance Laggards

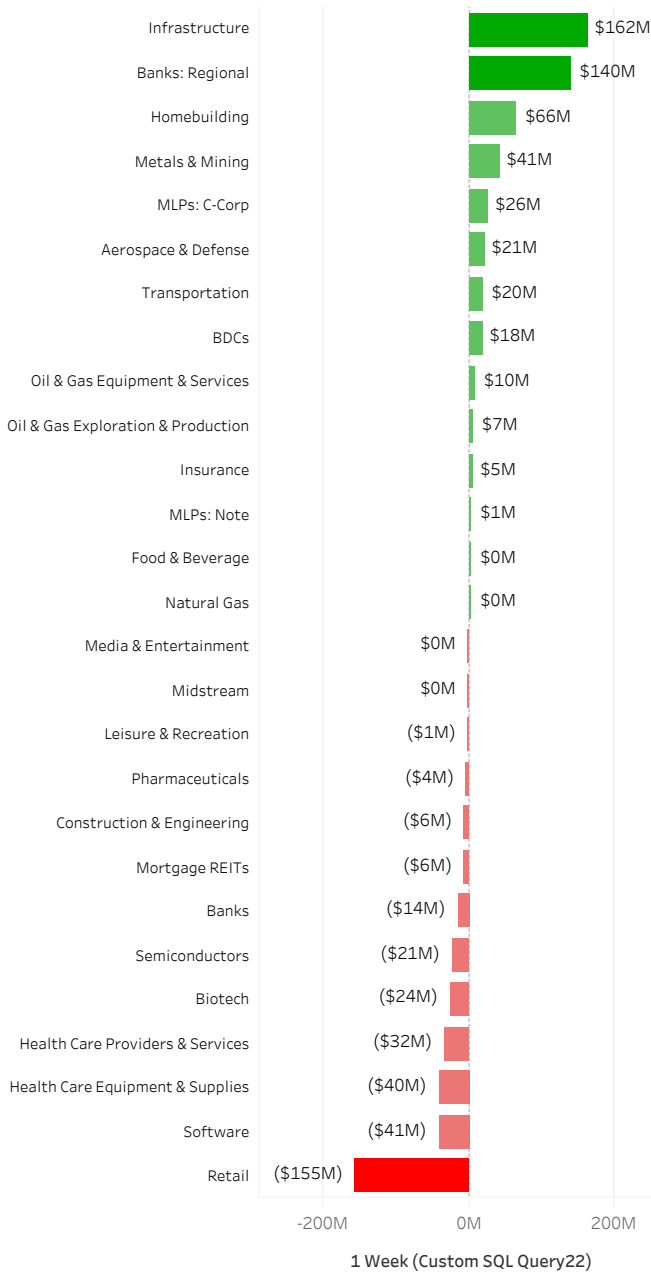
Ticker	Fund	1 Day Performance
XME	SPDR S&P Metals & Mining ETF	-1.74%
QABA	First Trust NASDAQ ABA Community Bank Index Fund	-1.64%
KRE	SPDR S&P Regional Banking ETF	-0.99%
XLU	Utilities Select Sector SPDR Fund	-0.97%
PBE	Invesco Biotechnology & Genome ETF	-0.96%
RSPU	Invesco S&P 500 Equal Weight Utilities ETF	-0.92%
FBT	First Trust NYSE Arca Biotechnology Index Fund	-0.91%
PXI	Invesco Dorsey Wright Energy Momentum ETF	-0.89%
VPU	Vanguard Utilities ETF	-0.89%
FUTY	Fidelity MSCI Utilities Index ETF	-0.85%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XPH	SPDR S&P Pharmaceuticals ETF	39.58
QABA	First Trust NASDAQ ABA Community Bank Index Fund	44.42
PSCC	Invesco S&P SmallCap Consumer Staples ETF	44.82
XTL	SPDR S&P Telecom ETF	45.24
IYZ	iShares U.S. Telecommunications ETF	46.97
KBWR	Invesco KBW Regional Banking ETF	48.02
PSCT	Invesco S&P SmallCap Information Technology ETF	48.90
XHE	SPDR S&P Health Care Equipment ETF	49.02
KBWY	Invesco KBW Premium Yield Equity REIT ETF	49.19
PBE	Invesco Biotechnology & Genome ETF	49.81

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

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	\$13M	\$90M	\$896M	\$3,908M
Consumer Discretionary	12	\$30B	(\$1,123M)	\$38M	\$278M	\$3,391M
Consumer Staples	10	\$26B	\$51M	(\$1,510M)	(\$3,704M)	(\$3,889M)
Energy	30	\$74B	\$161M	(\$2,215M)	(\$1,010M)	(\$7,601M)
Financials	26	\$65B	\$38M	(\$622M)	(\$2,468M)	(\$1,633M)
Health Care	23	\$94B	(\$206M)	\$430M	(\$3,440M)	(\$5,881M)
Industrial	13	\$40B	(\$311M)	\$912M	\$312M	\$786M
Materials	9	\$12B	\$246M	(\$193M)	(\$1,429M)	(\$3,559M)
Multi-Sector	16	\$23B	\$220M	\$1,015M	\$379M	\$3,490M
Real Estate	25	\$62B	\$43M	\$1,852M	\$2,943M	\$1,556M
Technology	23	\$194B	\$192M	\$3,100M	\$8,882M	\$11,865M
Utilities	9	\$20B	\$167M	(\$1,835M)	(\$3,202M)	(\$2,991M)

U.S. Sector & Industry Flow Leaders

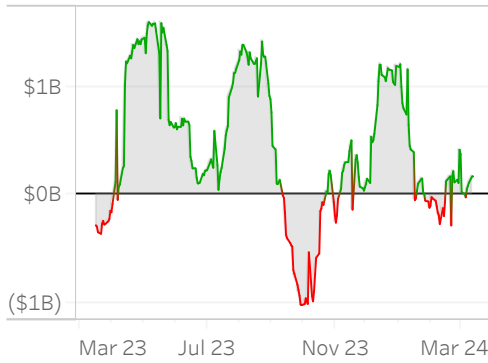
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLB	Materials Select Sector SPDR Fund	\$216M	\$23M	(\$607M)	(\$867M)	\$5,411M
XBI	SPDR S&P BIOTECH ETF	\$185M	\$76M	\$152M	(\$160M)	\$7,764M
VNQ	Vanguard Real Estate ETF	\$167M	\$1,313M	\$244M	(\$376M)	\$34,213M
PAVE	Global X U.S. Infrastructure Development ETF	\$159M	\$528M	\$464M	\$1,165M	\$6,762M
XLU	Utilities Select Sector SPDR Fund	\$156M	(\$1,703M)	(\$2,310M)	(\$1,739M)	\$12,425M
XLE	Energy Select Sector SPDR Fund	\$154M	(\$1,927M)	(\$745M)	(\$4,378M)	\$36,844M
KRE	SPDR S&P Regional Banking ETF	\$147M	(\$555M)	(\$225M)	\$808M	\$2,909M
VGT	Vanguard Information Technology ETF	\$93M	\$1,384M	\$2,271M	\$1,929M	\$64,953M
IYW	iShares U.S. Technology ETF	\$60M	\$543M	\$1,853M	\$1,246M	\$15,781M
ITB	iShares U.S. Home Construction ETF	\$49M	\$464M	\$216M	\$572M	\$3,065M

U.S. Sector & Industry Flow Laggards

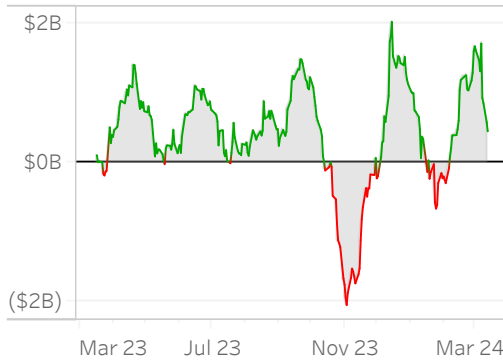
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$980M)	(\$107M)	\$357M	\$2,445M	\$19,790M
XLI	Industrial Select Sector SPDR Fund	(\$373M)	\$211M	(\$303M)	(\$96M)	\$16,929M
IBB	iShares Biotechnology ETF	(\$187M)	\$315M	(\$221M)	(\$767M)	\$7,856M
XRT	SPDR S&P Retail ETF	(\$155M)	(\$129M)	(\$70M)	(\$325M)	\$399M
IYR	iShares U.S. Real Estate ETF	(\$144M)	(\$164M)	\$1,108M	\$643M	\$4,159M
XLV	Health Care Select Sector SPDR Fund	(\$131M)	\$296M	(\$1,848M)	(\$2,267M)	\$41,373M
KCE	SPDR S&P Capital Markets ETF	(\$92M)	\$9M	\$30M	\$131M	\$310M
IGV	iShares Expanded Tech-Software Sector ETF	(\$64M)	(\$378M)	(\$460M)	(\$17M)	\$7,427M
SOXX	iShares Semiconductor ETF	(\$42M)	\$718M	\$545M	\$949M	\$12,803M
VOX	Vanguard Communication Services ETF	(\$38M)	\$73M	(\$19M)	\$304M	\$3,924M

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

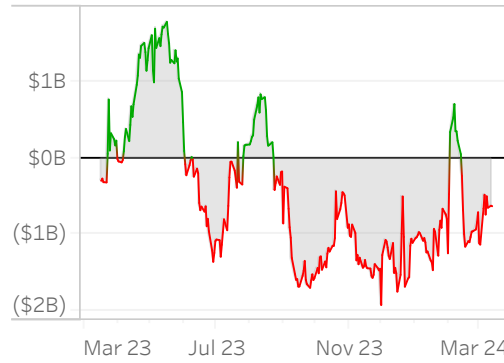
Communication Services



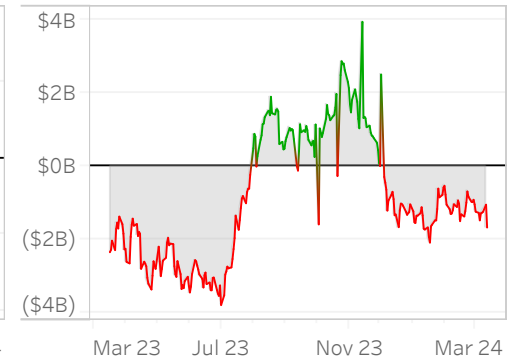
Consumer Discretionary



Consumer Staples



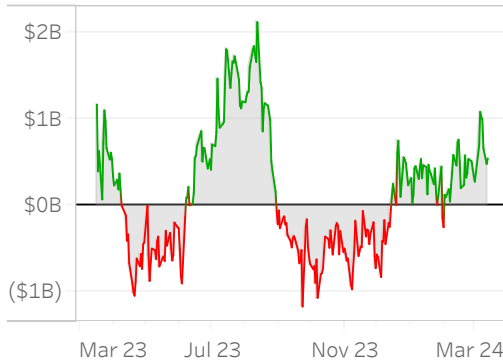
Energy



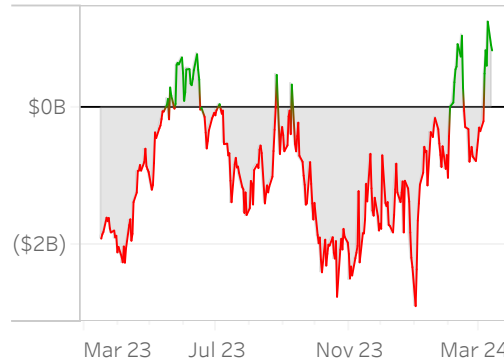
Financials



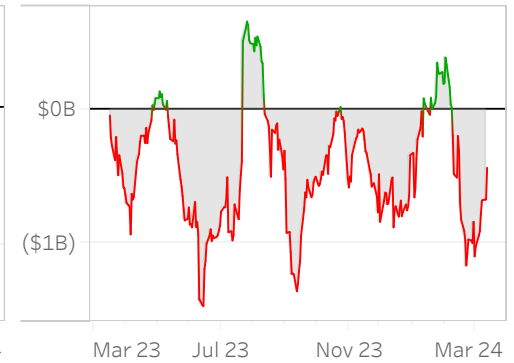
Industrial



Health Care



Materials



Real Estate



Technology



Utilities

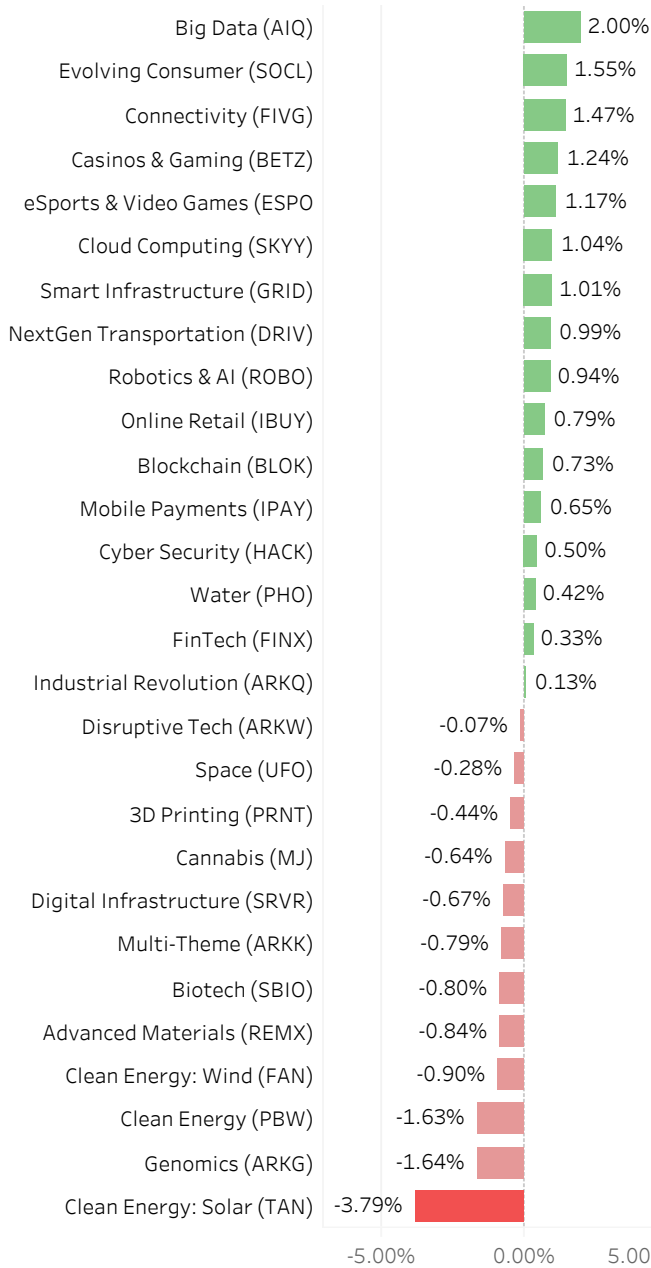


Multi-Sector

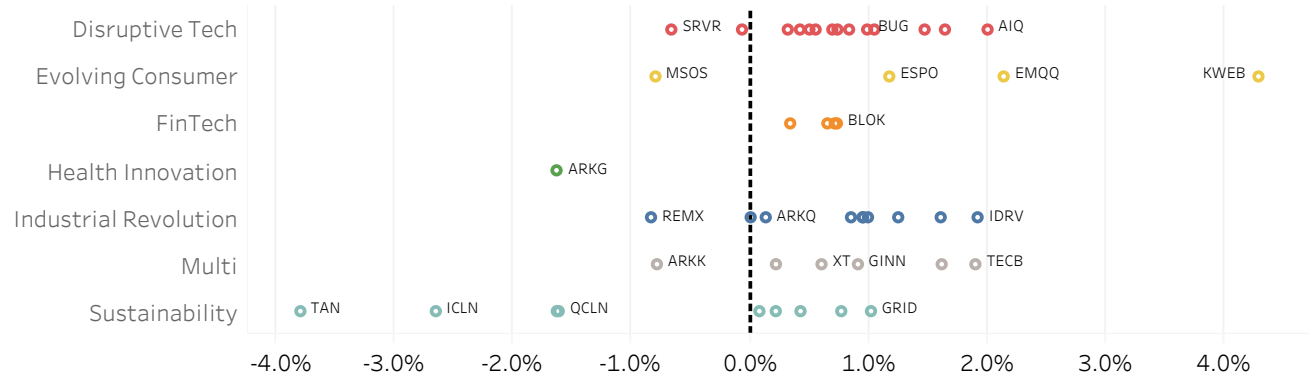


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
KWEB	KraneShares CSI China Internet ETF	4.28%
ENTR	ERShares Entrepreneurs ETF	2.91%
FCLD	Fidelity Cloud Computing ETF	2.32%
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	2.13%
AIQ	Global X Artificial Intelligence & Technology ETF	2.00%
IDRV	iShares Self-driving EV & Tech ETF	1.91%
TECB	iShares U.S. Tech Breakthrough Multisector ETF	1.89%
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	1.72%
SPRX	Spear Alpha ETF	1.72%
QTUM	Defiance Quantum ETF	1.64%

Thematic Most Overbought

Ticker	Fund	Value
IPAY	Amplify Mobile Payments ETF	73.94
PIO	Invesco Global Water ETF	72.37
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	71.97
EVX	VanEck Environmental Services ETF	70.78
AGNG	Global X Aging Population ETF	70.66
ONLN	ProShares Online Retail ETF	70.04
KLDW	Knowledge Leaders Developed World ETF	69.59
VPN	Global X Data Center REITs & Digital Infrastructure ETF	69.52
EBIZ	Global X E-Commerce ETF	69.03
GBUY	Goldman Sachs Future Consumer Equity ETF	68.59

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
TAN	Invesco Solar ETF	-3.79%
ACES	ALPS Clean Energy ETF	-2.78%
ICLN	iShares Global Clean Energy ETF	-2.65%
GNOM	Global X Genomics & Biotechnology ETF	-1.86%
CTEC	Global X CleanTech ETF	-1.84%
BKCH	Global X Blockchain ETF	-1.79%
CNRG	SPDR S&P Kensho Clean Power ETF	-1.68%
ARKG	ARK Genomic Revolution ETF	-1.64%
PBW	Invesco WilderHill Clean Energy ETF	-1.63%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	-1.62%

Thematic Most Oversold

Ticker	Fund	Value
MJ	Amplify Alternative Harvest ETF	33.79
MJUS	Amplify U.S. Alternative Harvest ETF	34.57
MSOS	AdvisorShares Pure US Cannabis ETF	34.81
PBW	Invesco WilderHill Clean Energy ETF	41.73
ACES	ALPS Clean Energy ETF	42.22
ARKG	ARK Genomic Revolution ETF	43.12
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	45.61
WGM1	Valkyrie Bitcoin Miners ETF	45.66
PAWZ	ProShares Pet Care ETF	46.19
ICLN	iShares Global Clean Energy ETF	46.29

* 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	Flow
AIQ	Global X Artificial Intelligence & Technology ETF	\$93M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$48M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$17M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$15M
IHAK	iShares Cybersecurity & Tech ETF	\$7M
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	\$7M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$7M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$6M
PHO	Invesco Water Resources ETF	\$5M
BUG	Global X Cybersecurity ETF	\$5M

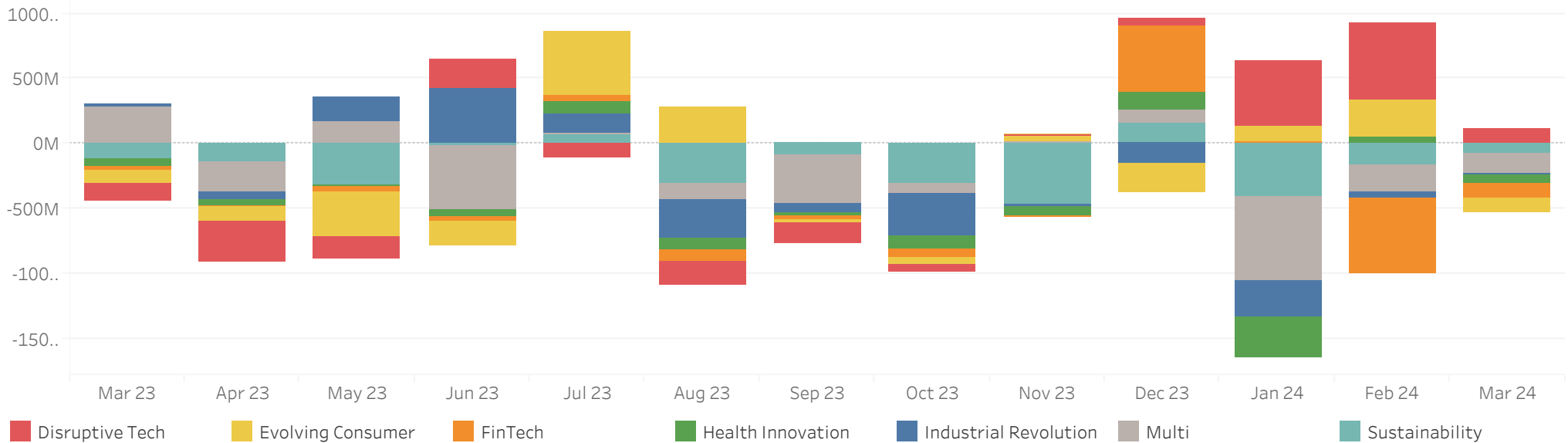
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	(\$95M)
ARKK	ARK Innovation ETF	(\$82M)
ARKG	ARK Genomic Revolution ETF	(\$59M)
TAN	Invesco Solar ETF	(\$39M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$30M)
ARKF	ARK Fintech Innovation ETF	(\$23M)
ARKW	ARK Next Generation Internet ETF	(\$20M)
WCLD	WisdomTree Cloud Computing Fund	(\$19M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$14M)
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	(\$11M)

Thematic Landscape Assets & Flows

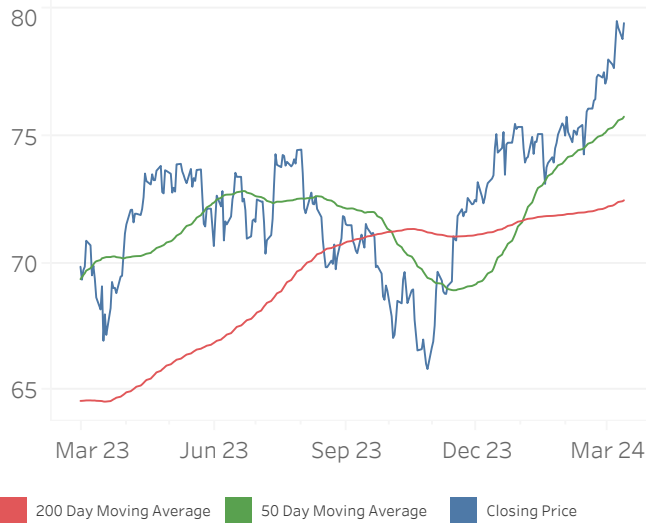
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$21B	\$50M	\$1,176M	\$1,081M	\$366M
Evolving Consumer	34	\$9B	(\$83M)	\$114M	\$43M	\$103M
FinTech	17	\$3B	(\$20M)	(\$343M)	(\$234M)	(\$457M)
Health Innovation	17	\$2B	(\$24M)	(\$192M)	(\$328M)	(\$537M)
Industrial Revolution	30	\$10B	(\$10M)	(\$463M)	(\$908M)	(\$492M)
Multi	33	\$16B	(\$55M)	(\$786M)	(\$1,097M)	(\$1,718M)
Sustainability	39	\$13B	(\$40M)	(\$561M)	(\$1,337M)	(\$2,191M)
Grand Total	203	\$74B	(\$183M)	(\$1,056M)	(\$2,780M)	(\$4,927M)

Thematic Monthly Flows

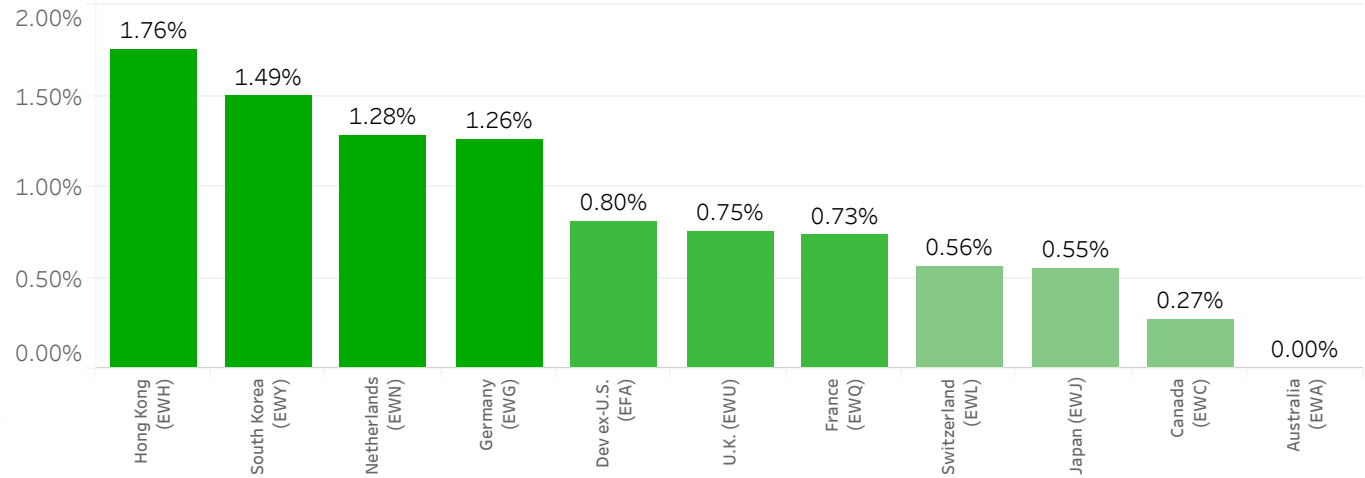


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

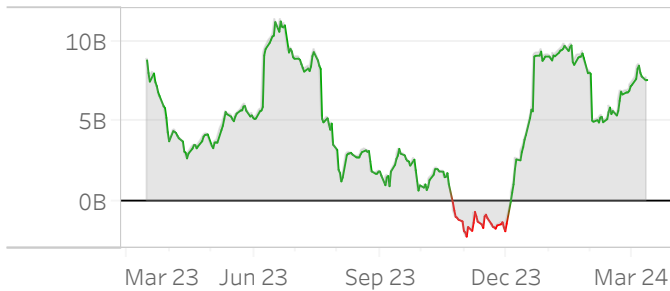
Developed ex-U.S. (EFA)



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



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



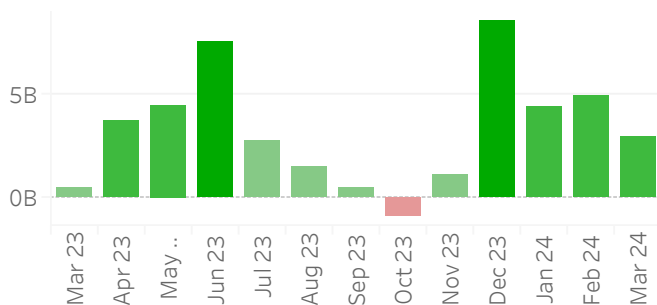
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
AIA	iShares Asia 50 ETF	2.50%
EWD	iShares MSCI Sweden ETF	1.87%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	1.77%
EWH	iShares MSCI Hong Kong ETF	1.76%
BKCI	BNY Mellon Concentrated International ETF	1.61%
HEDJ	WisdomTree Europe Hedged Equity Fund	1.54%
EWY	iShares MSCI South Korea ETF	1.49%
FLKR	Franklin FTSE South Korea ETF	1.46%
EWN	iShares MSCI Netherlands ETF	1.28%
IDMO	Invesco S&P International Developed Momentum ETF	1.28%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
EWI	iShares MSCI Italy ETF	78.94
DAX	Global X DAX Germany ETF	76.55
HEDJ	WisdomTree Europe Hedged Equity Fund	75.80
EIRL	iShares MSCI Ireland ETF	75.06
EWD	iShares MSCI Sweden ETF	74.67
BBEU	JPMorgan BetaBuilders Europe ETF	74.14
FLEE	Franklin FTSE Europe ETF	73.93
EWG	iShares MSCI Germany ETF	73.77
IEUR	iShares Core MSCI Europe ETF	73.62
IEV	iShares Europe ETF	73.52

Developed ex-U.S. Monthly Flows



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

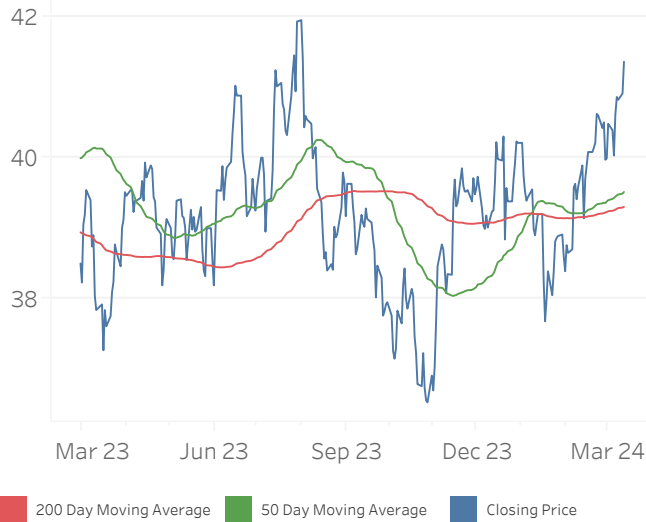
Ticker	Fund	1-Day Performance
ISRA	VanEck Israel ETF	-0.45%
ENZL	iShares MSCI New Zealand ETF	-0.29%
EWA	iShares MSCI Australia ETF	0.00%
FKU	First Trust United Kingdom AlphaDEX Fund	0.00%
EWJV	iShares MSCI Japan Value ETF	0.03%
IDLV	Invesco S&P International Developed Low Volatility ETF	0.11%
EWS	iShares MSCI Singapore ETF	0.11%
EIS	iShares MSCI Israel ETF	0.18%
IDV	iShares International Select Dividend ETF	0.18%
EWP	iShares MSCI Spain ETF	0.26%

Developed ex-U.S. Most Oversold

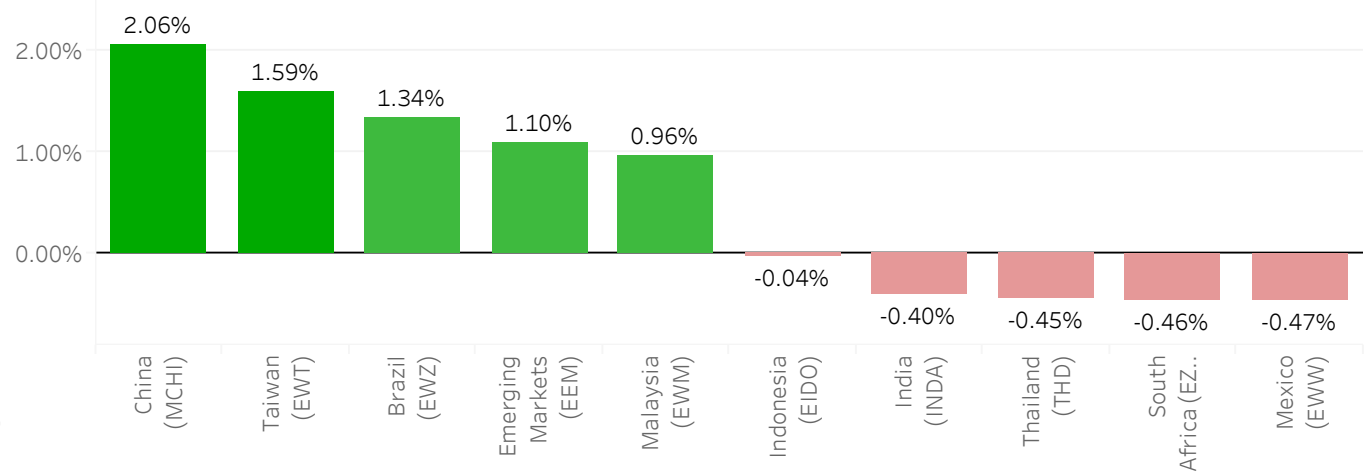
Ticker	Fund	Price
GREK	Global X MSCI Greece ETF	48.24
EWQ	iShares MSCI Austria ETF	50.61
ENZL	iShares MSCI New Zealand ETF	50.96
ISRA	VanEck Israel ETF	51.31
FJP	First Trust Japan AlphaDEX Fund	53.52
EIS	iShares MSCI Israel ETF	53.66
HEWJ	iShares Currency Hedged MSCI Japan ETF	56.01
IDV	iShares International Select Dividend ETF	56.31
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	56.32
DXJ	WisdomTree Japan Hedged Equity Fund	56.95

* 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)



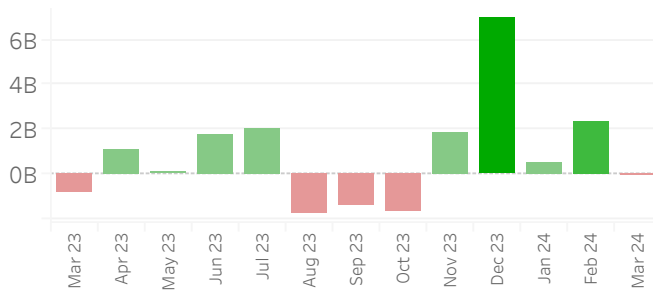
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
PGJ	Invesco Golden Dragon China ETF	4.01%
EPOL	iShares MSCI Poland ETF	2.41%
ECH	iShares MSCI Chile ETF	2.18%
FXI	iShares China Large-Cap ETF	2.16%
FRDM	Freedom 100 Emerging Markets ETF	2.11%
MCHI	iShares MSCI China ETF	2.06%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	2.01%
FLCH	Franklin FTSE China ETF	1.88%
GXC	SPDR S&P China ETF	1.61%
EWT	iShares MSCI Taiwan ETF	1.59%

Emerging Most Overbought

Ticker	Fund	Value
EPU	iShares MSCI Peru and Global Exposure ETF	77.51
FRDM	Freedom 100 Emerging Markets ETF	73.96
FM	iShares Frontier and Select EM ETF	73.47
KBA	KraneShares Boserá MSCI China A 50 Connect Index E..	72.87
EEMA	iShares MSCI Emerging Markets Asia ETF	71.15
EYLD	Cambria Emerging Shareholder Yield ETF	71.06
GMF	SPDR S&P Emerging Asia Pacific ETF	70.74
EWM	iShares MSCI Malaysia ETF	70.34
FLTW	Franklin FTSE Taiwan ETF	70.13
XSOE	WisdomTree Emerging Markets ex-State-Owned Ent..	69.58

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
SMIN	iShares MSCI India Small Cap ETF	-1.83%
GLIN	VanEck India Growth Leaders ETF	-1.13%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	-0.90%
TUR	iShares MSCI Turkey ETF	-0.74%
EPI	WisdomTree India Earnings Fund	-0.59%
EWW	iShares MSCI Mexico ETF	-0.47%
EZA	iShares MSCI South Africa ETF	-0.46%
FLIN	Franklin FTSE India ETF	-0.46%
THD	iShares MSCI Thailand ETF	-0.45%
CNYA	iShares MSCI China A ETF	-0.41%

Emerging Most Oversold

Ticker	Fund	Value
SMIN	iShares MSCI India Small Cap ETF	34.51
EWW	iShares MSCI Mexico ETF	43.13
FLLA	Franklin FTSE Latin America ETF	43.23
TUR	iShares MSCI Turkey ETF	43.45
EWZ	iShares MSCI Brazil ETF	44.44
FLBR	Franklin FTSE Brazil ETF	45.50
ILF	iShares Latin America 40 ETF	45.88
GLIN	VanEck India Growth Leaders ETF	47.88
ARGT	Global X MSCI Argentina ETF	48.65
THD	iShares MSCI Thailand ETF	51.04

* 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	-0.25%	0.56%	-0.77%
SHY	1-3 Year Treasury Bonds	-0.10%	0.09%	0.11%
IEF	7-10 Year Treasury Bonds	-0.41%	0.41%	-1.23%
TLT	20+ Year Treasury Bonds	-0.84%	1.29%	-3.44%
TIP	TIPS Bonds	-0.20%	0.77%	-0.28%
FLOT	Floating Rate Bonds	0.10%	0.67%	1.59%
LQD	Investment Grade Corporate	-0.32%	0.85%	-1.08%
HYG	High Yield Corporate	0.09%	0.92%	1.16%
BKLN	Senior Loan	0.14%	1.37%	1.55%
PFF	Preferred & Income Securities	0.25%	1.03%	4.52%
MUB	Municipal Bonds	-0.06%	0.45%	0.18%
MBB	MBS	-0.31%	0.75%	-0.99%
EMB	Dollar Denominated EM Bonds	-0.13%	2.02%	0.73%
LEMB	Local Currency EM Bond	-0.33%	1.06%	-1.01%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.13%	2.31%	0.69%
DBE	Energy	-0.45%	-1.48%	3.80%
USO	WTI Crude Oil	-0.37%	1.72%	10.05%
BNO	Brent Crude Oil	-0.33%	1.29%	9.37%
UNG	Natural Gas	-2.42%	-5.32%	-24.51%
UGA	Gasoline	0.45%	-0.78%	10.76%
DBP	Precious Metals	-1.11%	6.64%	3.96%
GLD	Gold	-1.09%	6.78%	4.51%
SLV	Silver	-1.16%	6.41%	1.42%
PPLT	abrdrn Physical Platin..	-1.51%	3.60%	-6.80%
PALL	abrdrn Physical Palla..	0.91%	16.13%	-5.34%
DBB	Base Metals	0.22%	5.25%	-2.46%
CPER	Copper	0.08%	5.80%	1.53%
DBA	Agriculture	1.14%	4.31%	10.90%
CORN	Corn	0.00%	0.70%	-6.86%
SOYB	Soybeans	1.16%	0.60%	-6.67%
WEAT	Wheat	0.00%	-6.09%	-12.23%
CANE	Sugar	-0.53%	-4.07%	6.82%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.07%	-0.68%	2.73%
UDN	Short Dollar	-0.35%	1.22%	-1.19%
FXE	Euro	0.00%	1.59%	-0.55%
FXB	British Pound Sterling	-0.10%	1.59%	1.03%
FXF	Swiss Franc	-0.09%	-0.18%	-4.11%
FXY	Japanese Yen	-0.54%	1.08%	-4.70%
FXC	Canadian Dollar	-0.01%	-0.04%	-1.25%
FXA	Australian Dollar	-0.10%	1.23%	-2.77%

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[FactSet Research Systems](#)

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