

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

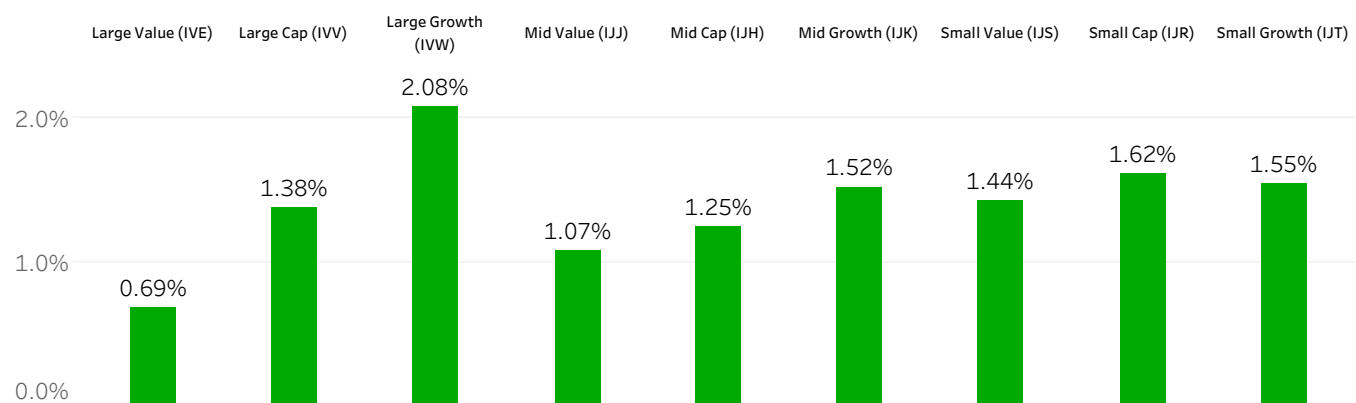


Small Cap Blend (S&P 600) IJR



■ 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
FFTY	Innovator IBD 50 ETF	2.91%
VFMO	Vanguard U.S. Momentum Factor ETF	2.74%
RYJ	Invesco Raymond James SB-1 Equity ETF	2.71%
LCG	Sterling Capital Focus Equity ETF	2.64%
IPO	Renaissance IPO ETF	2.62%
MMLG	First Trust Multi-Manager Large Growth ETF	2.58%
FPX	First Trust US Equity Opportunities ETF	2.55%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	2.51%
DWAS	Invesco Dorsey Wright SmallCap Momentum ETF	2.49%
IWO	iShares Russell 2000 Growth ETF	2.46%

Size & Style Most Overbought

Ticker	Fund	Price
SIXA	ETC 6 Meridian Mega Cap Equity ETF	73.09
DIA	SPDR Dow Jones Industrial Average ETF Trust	70.05
MGV	Vanguard Mega Cap Value ETF	69.90
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	69.65
SPVU	Invesco S&P 500 Enhanced Value ETF	69.39
SPYV	SPDR Portfolio S&P 500 Value ETF	69.07
DJD	Invesco Dow Jones Industrial Average Dividend ETF	69.01
HDV	iShares Core High Dividend ETF	68.89
EQWL	Invesco S&P 100 Equal Weight ETF	68.84
SCHD	Schwab US Dividend Equity ETF	68.74

Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
FDM	First Trust Dow Jones Select MicroCap Index Fund	-0.11%
SPC	CrossingBridge Pre-Merger SPAC ETF	0.14%
SPVU	Invesco S&P 500 Enhanced Value ETF	0.21%
HDV	iShares Core High Dividend ETF	0.23%
MGMT	Ballast Small/Mid Cap ETF	0.30%
TPHD	Timothy Plan High Dividend Stock ETF	0.30%
FDL	First Trust Morningstar Dividend Leaders Index Fund	0.33%
ABEQ	Absolute Select Value ETF	0.35%
EDOW	First Trust Dow 30 Equal Weight ETF	0.40%
DHS	WisdomTree U.S. High Dividend Fund	0.42%

Size & Style Most Oversold

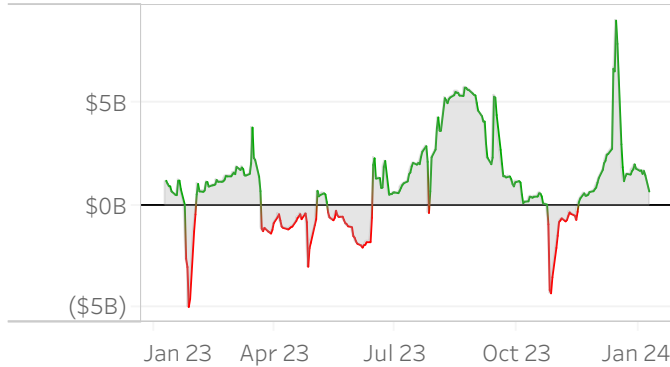
Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	25.20
CSF	VictoryShares US Discovery Enhanced Volatility Wt..	44.31
FDM	First Trust Dow Jones Select MicroCap Index Fund	48.87
IPO	Renaissance IPO ETF	50.41
FPX	First Trust US Equity Opportunities ETF	50.80
PTMC	Pacer Trendpilot US Mid Cap ETF	50.82
PTNQ	Pacer Trendpilot 100 ETF	50.99
XSLV	Invesco S&P SmallCap Low Volatility ETF	51.08
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	51.14
MGMT	Ballast Small/Mid Cap ETF	51.30

*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	\$1,651B	\$3.82B	\$97.56B	\$122.19B	\$162.02B
Large Cap, Beta, Beta: Growth	10	\$310B	(\$1.01B)	\$8.53B	\$13.19B	\$16.81B
Large Cap, Beta, Beta: Value	11	\$241B	(\$0.77B)	\$5.53B	\$6.91B	(\$1.00B)
Mid Cap, Beta, Beta	10	\$206B	\$0.07B	\$0.16B	\$6.12B	\$7.55B
Mid Cap, Beta, Beta: Growth	6	\$38B	(\$0.21B)	\$0.86B	\$0.85B	\$1.02B
Mid Cap, Beta, Beta: Value	6	\$41B	\$0.04B	\$0.07B	(\$0.59B)	(\$2.24B)
Small Cap, Beta, Beta	11	\$226B	(\$0.05B)	\$13.81B	\$15.32B	\$21.17B
Small Cap, Beta, Beta: Growth	7	\$36B	\$0.13B	\$1.45B	\$1.50B	\$1.16B
Small Cap, Beta, Beta: Value	7	\$53B	\$0.02B	\$1.18B	\$0.61B	(\$0.67B)

U.S. Size & Style Flow Leaders

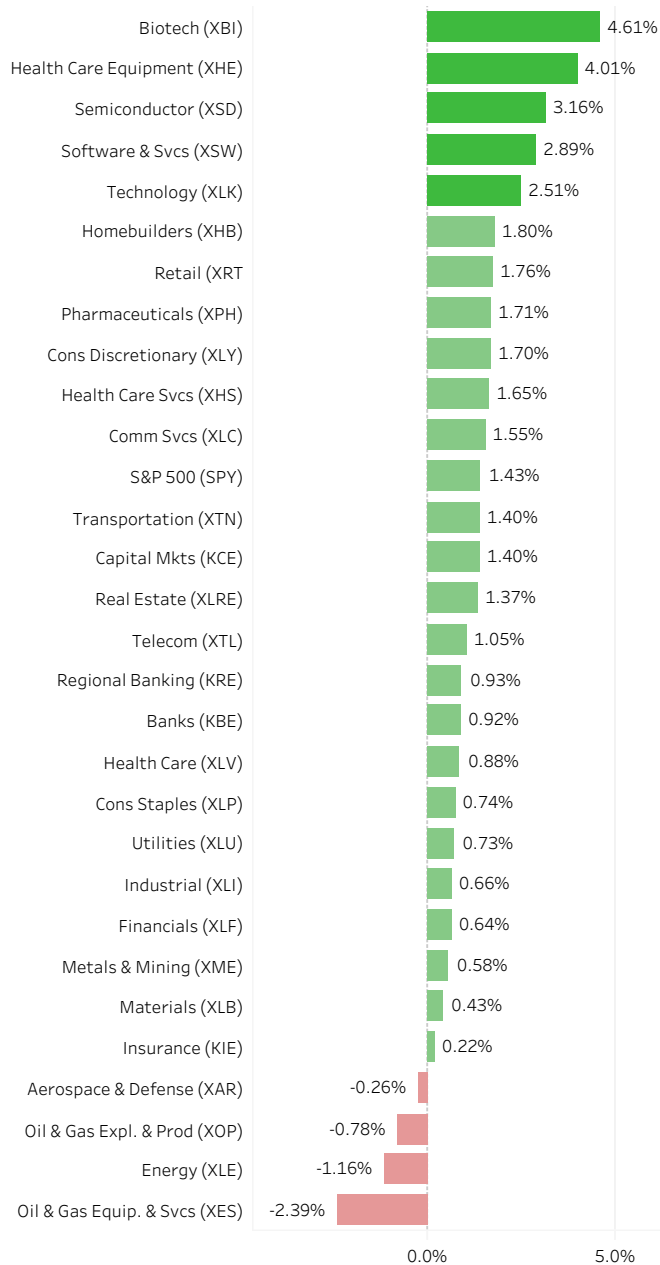
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	\$3.61B	\$13.50B	\$24.70B	\$45.34B	\$370.08B
IVV	iShares Core S&P 500 ETF	\$3.36B	\$20.77B	\$39.46B	\$41.82B	\$397.23B
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	\$1.72B	\$2.11B	\$1.26B	\$4.52B	\$7.15B
QQQ	Invesco QQQ Trust Series I	\$1.15B	\$5.25B	\$6.52B	\$9.74B	\$223.81B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.60B	\$5.90B	\$8.17B	\$13.40B	\$49.61B
VTI	Vanguard Total Stock Market ETF	\$0.54B	\$7.60B	\$12.86B	\$21.97B	\$342.37B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.41B	\$1.53B	\$0.84B	(\$0.17B)	\$32.67B
IWV	iShares Russell 3000 ETF	\$0.39B	\$0.58B	\$0.48B	(\$0.33B)	\$12.64B
IJR	iShares Core S&P Small Cap ETF	\$0.30B	\$1.10B	\$2.11B	\$3.08B	\$74.66B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.19B	\$4.13B	\$5.34B	\$7.15B	\$25.51B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWD	iShares Russell 1000 Value ETF	(\$0.78B)	\$1.74B	\$0.84B	(\$3.88B)	\$53.92B
IWF	iShares Russell 1000 Growth ETF	(\$0.55B)	\$1.94B	\$2.19B	(\$0.93B)	\$78.88B
VIG	Vanguard Dividend Appreciation ETF	(\$0.45B)	\$0.96B	\$0.78B	\$0.56B	\$72.91B
IWM	iShares Russell 2000 ETF	(\$0.44B)	\$9.33B	\$7.99B	\$8.40B	\$64.87B
IWY	iShares Russell Top 200 Growth ETF	(\$0.26B)	\$0.66B	\$0.29B	\$1.44B	\$7.95B
IJK	iShares S&P Mid-Cap 400 Growth ETF	(\$0.18B)	\$0.06B	(\$0.15B)	\$0.01B	\$7.95B
IVW	iShares S&P 500 Growth ETF	(\$0.16B)	(\$0.29B)	\$1.25B	\$0.73B	\$35.62B
DVY	iShares Select Dividend ETF	(\$0.10B)	(\$0.60B)	(\$1.56B)	(\$3.36B)	\$18.86B
HDV	iShares Core High Dividend ETF	(\$0.08B)	(\$0.29B)	(\$0.39B)	(\$2.59B)	\$10.35B
IWR	iShares Russell Midcap ETF	(\$0.07B)	\$0.11B	\$0.36B	(\$0.39B)	\$30.26B

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

S&P Sector & Industry 1 Day Performance



Select Sector SPDRs Technicals

Ticker	Fund Name	% From 52W High	% From 52W Low	% Abv/Below 50 SMA	% Abv/Below 200 SMA	RSI (14D)
XLC	Communication Services Select Sector SPDR Fund	0.00%	39.99%	4.03%	11.26%	64.69
XLF	Financial Select Sector SPDR Fund	0.00%	22.63%	5.95%	11.60%	69.62
XLV	Health Care Select Sector SPDR Fund	0.00%	13.98%	6.38%	6.49%	77.08
SPY	SPDR S&P 500 ETF Trust	-0.44%	23.16%	3.75%	8.34%	62.06
XLI	Industrial Select Sector SPDR Fund	-1.73%	16.30%	3.87%	7.30%	56.56
XLB	Materials Select Sector SPDR Fund	-1.75%	13.75%	3.38%	4.95%	55.72
XLK	Technology Select Sector SPDR Fund	-2.24%	43.70%	2.29%	11.09%	52.64
XLY	Consumer Discretionary Select Sector SPDR Fund	-3.22%	27.03%	2.84%	7.59%	51.42
XLRE	Real Estate Select Sector SPDR Fund	-4.78%	23.73%	6.23%	8.48%	58.95
XLP	Consumer Staples Select Sector SPDR Fund	-6.40%	9.54%	2.91%	0.06%	61.55
XLU	Utilities Select Sector SPDR Fund	-7.10%	15.68%	3.62%	1.08%	64.02
XLE	Energy Select Sector SPDR Fund	-10.35%	9.28%	-0.67%	-1.28%	46.00

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XBI	SPDR S&P BIOTECH ETF	4.61%
PTH	Invesco Dorsey Wright Healthcare Momentum ETF	4.58%
XHE	SPDR S&P Health Care Equipment ETF	4.01%
PSCH	Invesco S&P SmallCap Health Care ETF	3.73%
PTF	Invesco Dorsey Wright Technology Momentum ETF	3.45%
SOXQ	Invesco PHLX Semiconductor ETF	3.26%
SOXX	iShares Semiconductor ETF	3.26%
XSD	SPDR S&P Semiconductor ETF	3.16%
XSW	SPDR S&P Software & Services ETF	2.89%
PSI	Invesco Semiconductors ETF	2.85%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IHE	iShares U.S. Pharmaceuticals ETF	78.52
XPH	SPDR S&P Pharmaceuticals ETF	77.93
PJP	Invesco Pharmaceuticals ETF	77.17
XLV	Health Care Select Sector SPDR Fund	77.08
IYH	iShares U.S. Healthcare ETF	76.33
VHT	Vanguard Health Care ETF	76.10
FHLC	Fidelity MSCI Health Care Index ETF	75.97
PINK	Simplify Health Care ETF	73.82
XBI	SPDR S&P BIOTECH ETF	71.26
IBB	iShares Biotechnology ETF	70.09

Sector & Industry 1 Day Performance Laggards

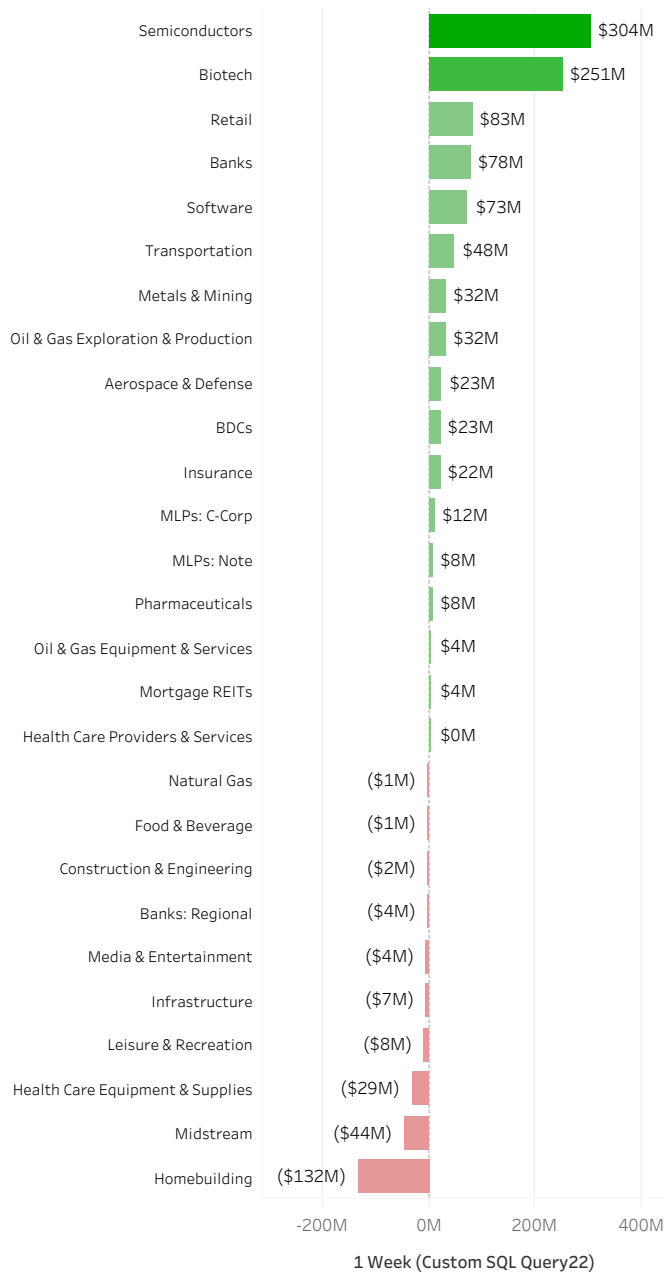
Ticker	Fund	1 Day Performance
IEZ	iShares U.S. Oil Equipment & Services ETF	-2.50%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-2.39%
PXJ	Invesco Oil & Gas Services ETF	-2.28%
PSCE	Invesco S&P SmallCap Energy ETF	-1.45%
FENY	Fidelity MSCI Energy Index ETF	-1.16%
XLE	Energy Select Sector SPDR Fund	-1.16%
VDE	Vanguard Energy ETF	-1.14%
ITA	iShares U.S. Aerospace & Defense ETF	-1.14%
IYE	iShares U.S. Energy ETF	-1.10%
RSPG	Invesco S&P 500 Equal Weight Energy ETF	-1.03%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IEZ	iShares U.S. Oil Equipment & Services ETF	39.77
XES	SPDR S&P Oil & Gas Equipment & Services ETF	41.09
PSCE	Invesco S&P SmallCap Energy ETF	42.46
FCG	First Trust Natural Gas ETF	44.14
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	44.60
ITA	iShares U.S. Aerospace & Defense ETF	44.63
RSPG	Invesco S&P 500 Equal Weight Energy ETF	45.09
VDE	Vanguard Energy ETF	45.26
FTXN	First Trust Nasdaq Oil & Gas ETF	45.45
XAR	SPDR S&P Aerospace & Defense ETF	45.52

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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	\$21B	(\$379M)	\$1,190M	\$1,251M	\$3,485M
Consumer Discretionary	12	\$28B	(\$332M)	\$240M	\$1,312M	\$2,734M
Consumer Staples	10	\$25B	\$101M	(\$2,462M)	(\$3,962M)	(\$3,653M)
Energy	30	\$71B	(\$65M)	(\$403M)	\$2,410M	(\$7,881M)
Financials	26	\$62B	\$249M	\$1,218M	(\$787M)	\$753M
Health Care	23	\$89B	\$1,011M	(\$2,383M)	(\$5,652M)	(\$9,581M)
Industrial	13	\$36B	\$600M	\$458M	\$656M	\$945M
Materials	9	\$12B	\$418M	(\$677M)	(\$1,192M)	(\$2,191M)
Multi-Sector	16	\$19B	(\$167M)	(\$270M)	(\$128M)	\$2,206M
Real Estate	25	\$61B	\$424M	\$2,504M	\$2,393M	(\$931M)
Technology	23	\$168B	\$176M	\$4,943M	\$5,074M	\$6,062M
Utilities	9	\$22B	\$99M	(\$1,188M)	(\$1,525M)	(\$1,659M)

U.S. Sector & Industry Flow Leaders

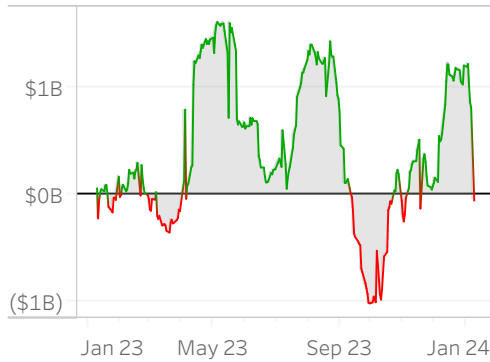
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	\$749M	(\$1,450M)	(\$3,687M)	(\$3,521M)	\$39,167M
XLI	Industrial Select Sector SPDR Fund	\$493M	(\$136M)	\$44M	(\$565M)	\$15,465M
XLB	Materials Select Sector SPDR Fund	\$397M	(\$202M)	(\$488M)	(\$256M)	\$5,383M
SOXX	iShares Semiconductor ETF	\$298M	\$196M	(\$16M)	\$554M	\$9,918M
VNQ	Vanguard Real Estate ETF	\$291M	(\$326M)	(\$107M)	(\$1,564M)	\$33,219M
IBB	iShares Biotechnology ETF	\$218M	(\$43M)	(\$335M)	(\$1,273M)	\$7,682M
XLP	Consumer Staples Select Sector SPDR Fund	\$127M	(\$1,541M)	(\$1,701M)	(\$1,390M)	\$15,345M
XLRE	Real Estate Select Sector SPDR Fund	\$110M	\$891M	\$818M	\$467M	\$5,723M
XLU	Utilities Select Sector SPDR Fund	\$93M	(\$488M)	(\$618M)	(\$515M)	\$14,466M
XRT	SPDR S&P Retail ETF	\$83M	\$10M	(\$36M)	\$54M	\$431M

U.S. Sector & Industry Flow Laggards

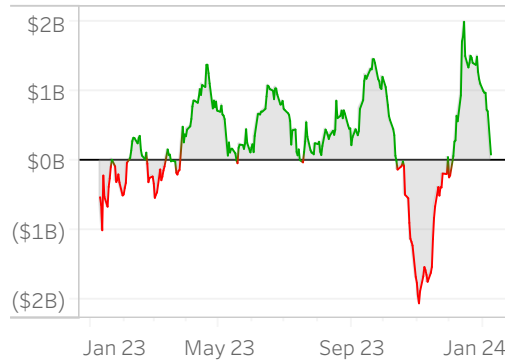
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$411M)	\$535M	\$1,230M	\$1,497M	\$18,447M
XLC	Communication Services Select Sector SPDR Fu..	(\$382M)	\$1,314M	\$979M	\$3,248M	\$15,847M
IGM	iShares Expanded Tech Sector ETF	(\$87M)	(\$6M)	\$34M	\$6M	\$3,531M
XHB	SPDR S&P Homebuilders ETF	(\$83M)	\$166M	(\$18M)	\$232M	\$1,550M
ITB	iShares U.S. Home Construction ETF	(\$49M)	(\$106M)	(\$389M)	\$11M	\$2,289M
TPYP	Tortoise North American Pipeline Fund	(\$45M)	(\$10M)	(\$21M)	(\$90M)	\$495M
XLE	Energy Select Sector SPDR Fund	(\$36M)	(\$136M)	\$1,630M	(\$2,466M)	\$36,394M
JPRE	JPMorgan Realty Income ETF	(\$33M)	(\$33M)	(\$67M)	(\$373M)	\$326M
IHI	iShares U.S. Medical Devices ETF	(\$29M)	(\$248M)	(\$432M)	(\$921M)	\$5,262M
VDE	Vanguard Energy ETF	(\$21M)	(\$93M)	\$237M	(\$163M)	\$7,960M

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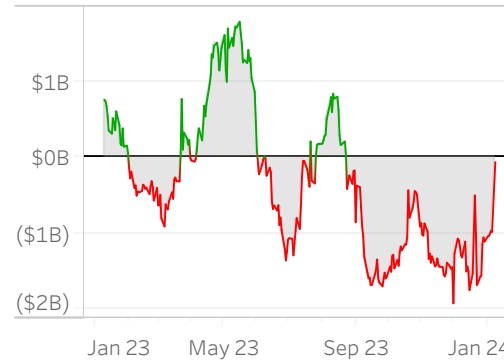
Communication Services



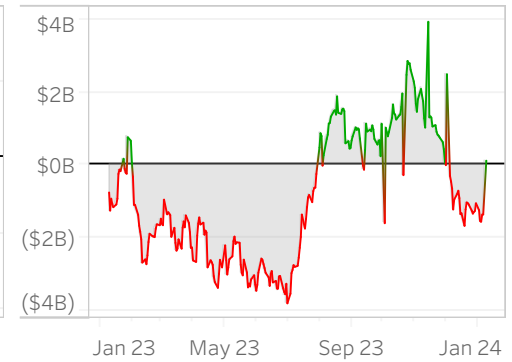
Consumer Discretionary



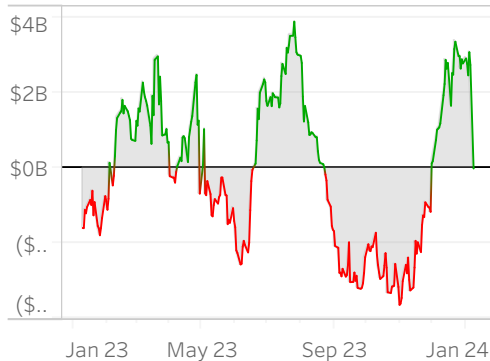
Consumer Staples



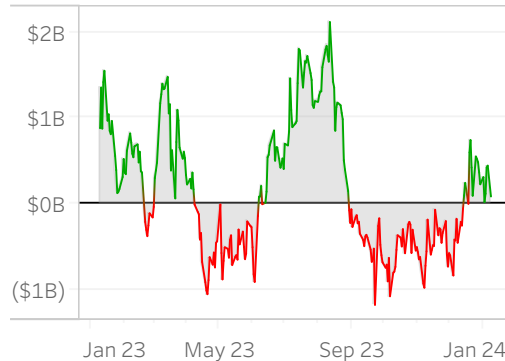
Energy



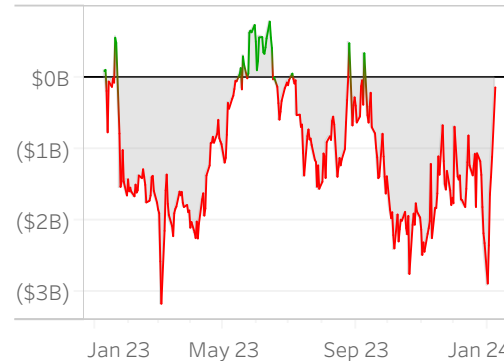
Financials



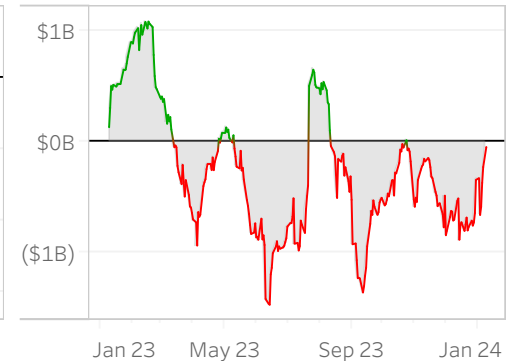
Industrial



Health Care



Materials



Real Estate



Technology



Utilities

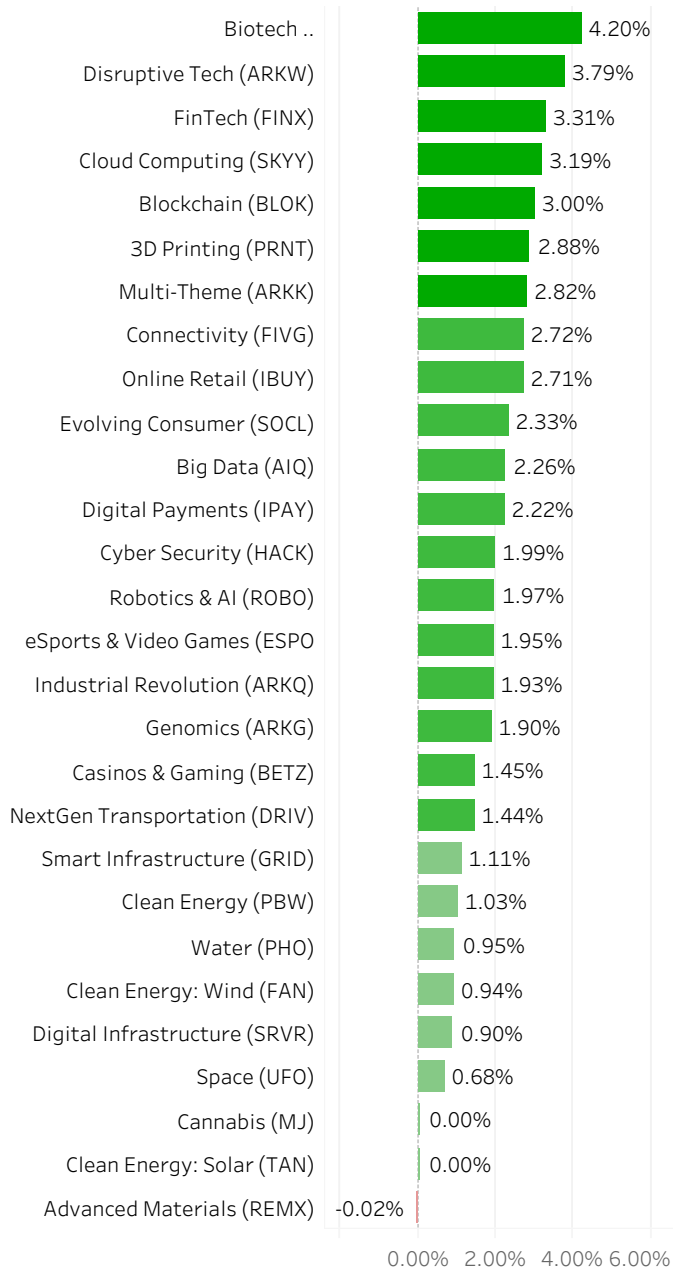


Multi-Sector

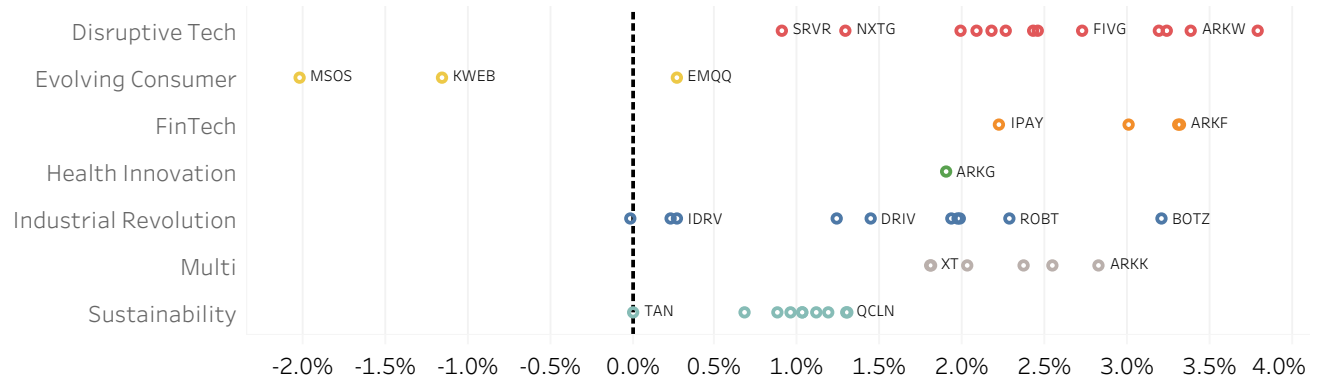


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance (%)
FDIG	Fidelity Crypto Industry and Digital Payments ETF	5.73%
WGMi	Valkyrie Bitcoin Miners ETF	5.34%
BKCH	Global X Blockchain ETF	5.13%
DAPP	VanEck Digital Transformation ETF	4.51%
BITQ	Bitwise Crypto Industry Innovators ETF	4.23%
SBIO	ALPS Medical Breakthroughs ETF	4.20%
ARKW	ARK Next Generation Internet ETF	3.79%
WCLD	WisdomTree Cloud Computing Fund	3.38%
ENTR	ERShares Entrepreneurs ETF	3.37%
THNQ	ROBO Global Artificial Intelligence ETF	3.33%

Thematic Most Overbought

Ticker	Fund	Value
AGNG	Global X Aging Population ETF	67.92
IDNA	iShares Genomics Immunology and Healthcare ETF	67.37
SBIO	ALPS Medical Breakthroughs ETF	66.97
MJUS	ETFMG U.S. Alternative Harvest ETF	65.46
HTEC	ROBO Global Healthcare Technology and Innovation ETF	64.22
MSOS	AdvisorShares Pure US Cannabis ETF	63.14
MJ	ETFMG Alternative Harvest ETF	62.91
TECB	iShares U.S. Tech Breakthrough Multisector ETF	62.08
IPAY	ETFMG Prime Mobile Payments ETF	61.51
GNOM	Global X Genomics & Biotechnology ETF	60.46

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance (%)
MSOS	AdvisorShares Pure US Cannabis ETF	-2.02%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-1.49%
KWEB	KraneShares CSI China Internet ETF	-1.16%
MJUS	ETFMG U.S. Alternative Harvest ETF	-0.80%
REMX	VanEck Rare Earth/Strategic Metals ETF	-0.02%
MJ	ETFMG Alternative Harvest ETF	0.00%
TAN	Invesco Solar ETF	0.00%
CTEC	Global X CleanTech ETF	0.10%
KARS	KraneShares Electric Vehicles & Future Mobility Index ..	0.19%
LIT	Global X Lithium & Battery Tech ETF	0.23%

Thematic Most Oversold

Ticker	Fund	Value
KGRN	KraneShares MSCI China Clean Technology Index ETF	38.89
KWEB	KraneShares CSI China Internet ETF	40.42
EVX	VanEck Environmental Services ETF	41.44
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	41.74
BATT	Amplify Lithium & Battery Technology ETF	42.34
TAN	Invesco Solar ETF	43.43
PBW	Invesco WilderHill Clean Energy ETF	43.58
SAMT	Stratgas Macro Thematic Opportunities ETF	43.65
IDRV	iShares Self-driving EV & Tech ETF	43.97
REMX	VanEck Rare Earth/Strategic Metals ETF	44.17

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Thematic 1 Week Flow Leaders

Ticker	Fund	
AIO	Global X Artificial Intelligence & Technology ETF	\$38M
LIT	Global X Lithium & Battery Tech ETF	\$31M
WCLD	WisdomTree Cloud Computing Fund	\$17M
REMX	VanEck Rare Earth/Strategic Metals ETF	\$15M
MSOS	AdvisorShares Pure US Cannabis ETF	\$9M
IZRL	ARK Israel Innovative Technology ETF	\$8M
IHAK	iShares Cybersecurity & Tech ETF	\$7M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$5M
TARK	AXS 2X Innovation ETF	\$5M
WGMI	Valkyrie Bitcoin Miners ETF	\$4M

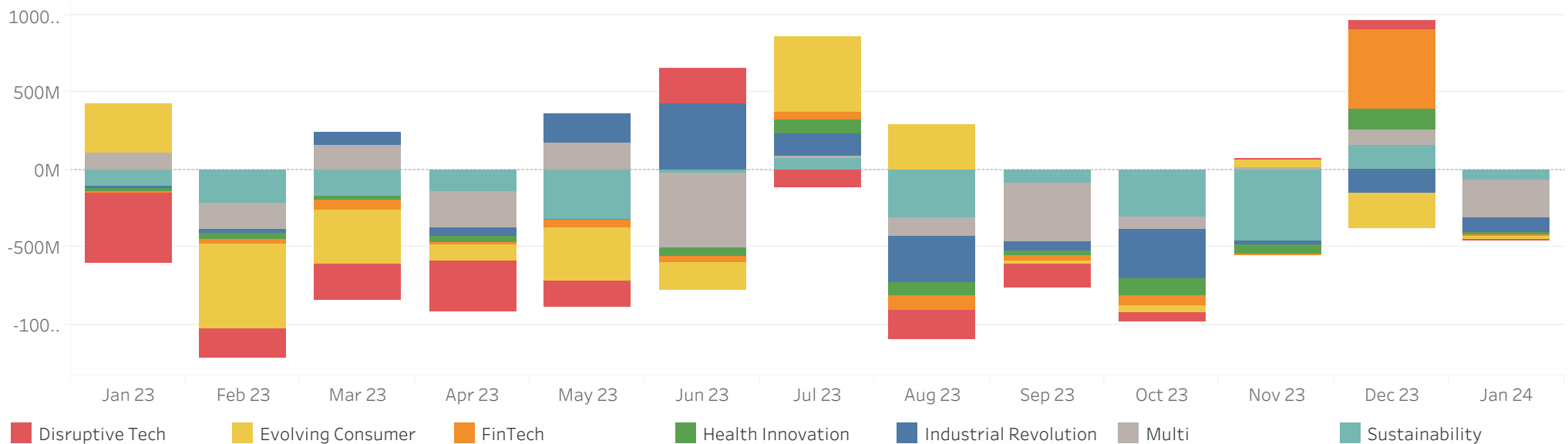
Thematic 1 Week Flow Laggards

Ticker	Fund	
ARKK	ARK Innovation ETF	(\$240M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$89M)
ARKW	ARK Next Generation Internet ETF	(\$43M)
TAN	Invesco Solar ETF	(\$28M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$22M)
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Security Fund	(\$18M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$12M)
ARKF	ARK Fintech Innovation ETF	(\$12M)
METV	Roundhill Ball Metaverse ETF	(\$10M)
IDRV	iShares Self-driving EV & Tech ETF	(\$10M)

Thematic Landscape Assets & Flows

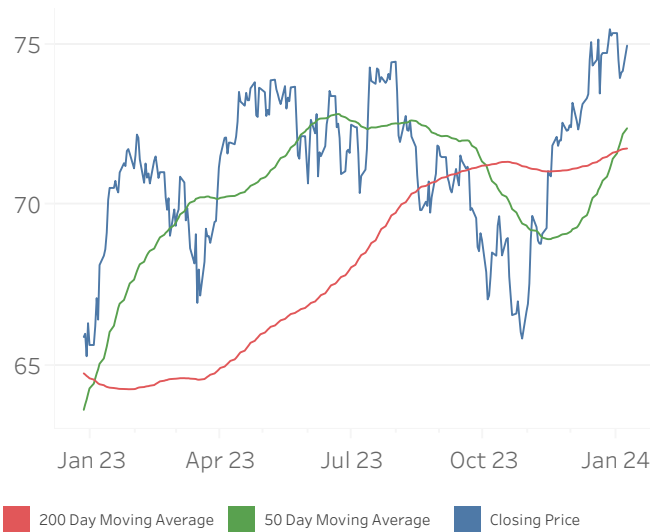
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$18B	(\$3M)	\$24M	(\$468M)	(\$1,594M)
Evolving Consumer	37	\$8B	(\$9M)	(\$233M)	\$500M	(\$691M)
FinTech	17	\$4B	(\$21M)	\$468M	\$317M	\$142M
Health Innovation	17	\$3B	(\$16M)	(\$35M)	(\$60M)	(\$256M)
Industrial Revolution	30	\$10B	(\$72M)	(\$554M)	(\$879M)	(\$237M)
Multi	35	\$16B	(\$185M)	(\$232M)	(\$643M)	(\$1,140M)
Sustainability	40	\$13B	(\$63M)	(\$599M)	(\$969M)	(\$1,971M)
Grand Total	209	\$71B	(\$368M)	(\$1,162M)	(\$2,202M)	(\$5,747M)

Thematic Monthly Flows

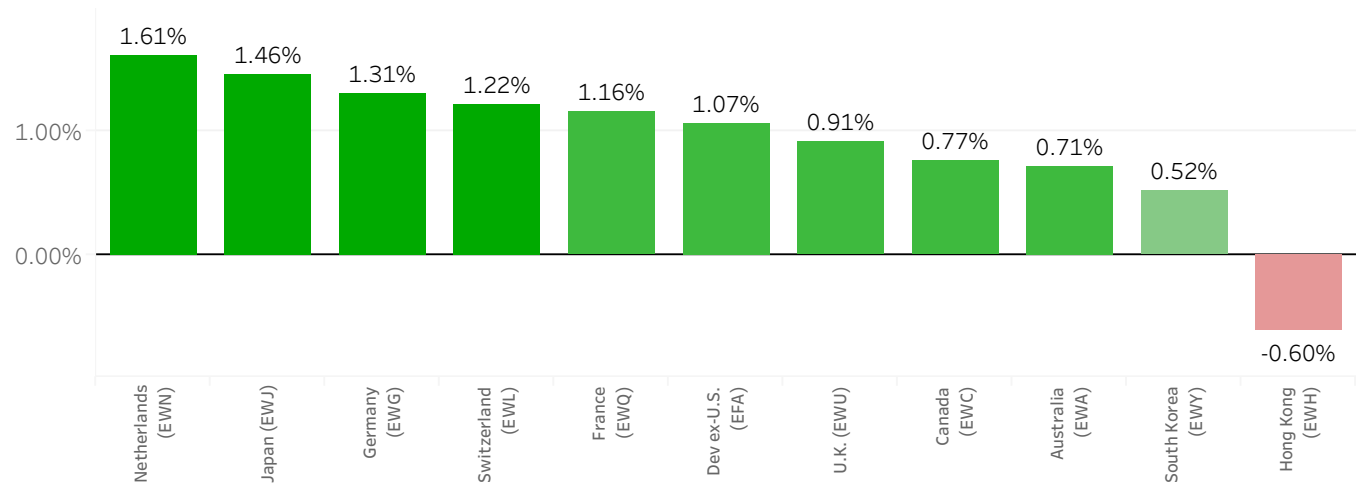


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

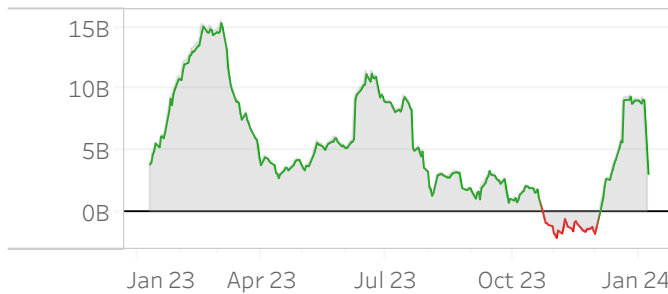
Developed ex-U.S. (EFA)



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



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



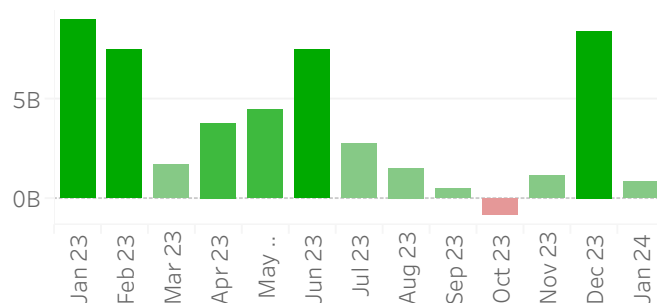
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
GREK	Global X MSCI Greece ETF	2.25%
IMOM	Alpha Architect International Quantitative Momentum ETF	1.99%
FSZ	First Trust Switzerland AlphaDEX Fund	1.74%
IEUS	iShares MSCI Europe Small-Cap ETF	1.70%
EWN	iShares MSCI Netherlands ETF	1.61%
IQDG	WisdomTree International Quality Dividend Growth Fund	1.50%
ISVL	iShares International Developed Small Cap Value Factor ETF	1.49%
EWJ	iShares MSCI Japan ETF	1.46%
BBJP	JPMorgan BetaBuilders Japan ETF	1.44%
IDMO	Invesco S&P International Developed Momentum ETF	1.44%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
EDEN	iShares MSCI Denmark ETF	70.00
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	69.08
RFDI	First Trust Riverfront Dynamic Developed International E..	68.92
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	68.87
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	68.60
EWL	iShares MSCI Switzerland ETF	68.00
FYLD	Cambria Foreign Shareholder Yield ETF	66.92
QLVD	FlexShares Developed Markets ex-US Quality Low Volatilit..	66.76
IDOG	ALPS International Sector Dividend Dogs ETF	66.56
FIDI	Fidelity International High Dividend ETF	66.56

Developed ex-U.S. Monthly Flows



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

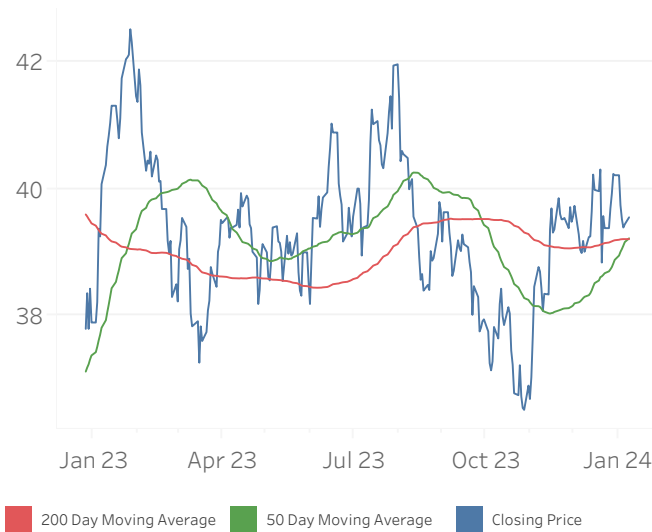
Ticker	Fund	1-Day Performance
NORW	Global X MSCI Norway ETF	-1.13%
EWH	iShares MSCI Hong Kong ETF	-0.60%
ICOW	Pacer Developed Markets International Cash Cows 100 ETF	0.03%
EIS	iShares MSCI Israel ETF	0.09%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	0.17%
MINV	Matthews Asia Innovators Active ETF	0.17%
FYLD	Cambria Foreign Shareholder Yield ETF	0.31%
IDV	iShares International Select Dividend ETF	0.32%
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	0.33%
EWO	iShares MSCI Austria ETF	0.43%

Developed ex-U.S. Most Oversold

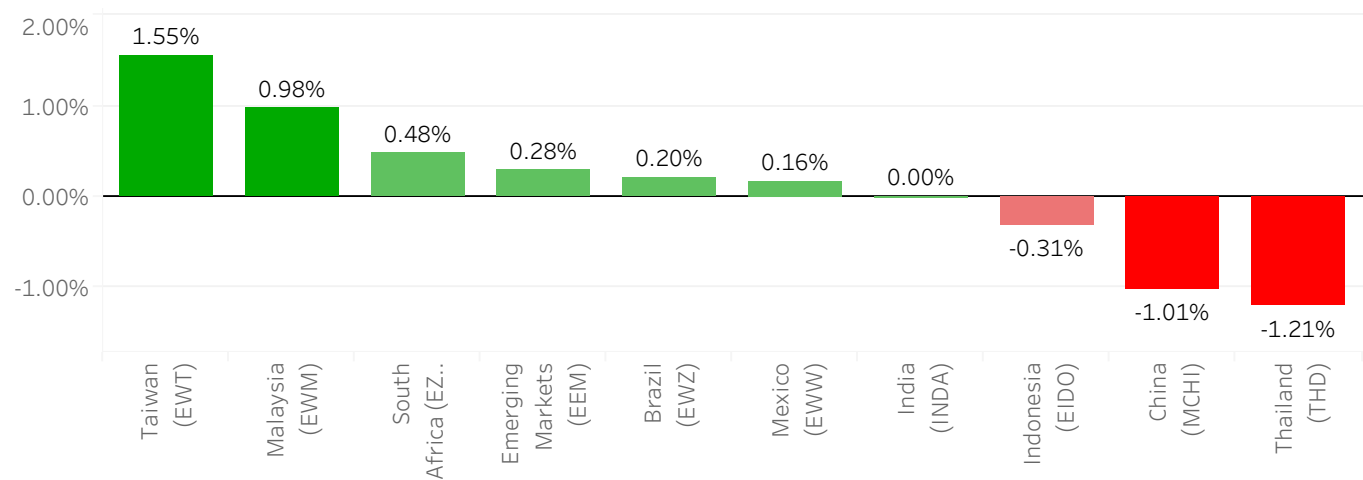
Ticker	Fund	Price
EWH	iShares MSCI Hong Kong ETF	40.17
AIA	iShares Asia 50 ETF	45.04
AAXJ	iShares MSCI All Country Asia ex Japan ETF	46.87
EWY	iShares MSCI South Korea ETF	47.94
EWD	iShares MSCI Sweden ETF	50.51
NORW	Global X MSCI Norway ETF	50.83
MINV	Matthews Asia Innovators Active ETF	51.16
EWQ	iShares MSCI France ETF	51.48
EWS	iShares MSCI Singapore ETF	51.55
EWN	iShares MSCI Netherlands ETF	51.85

*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)



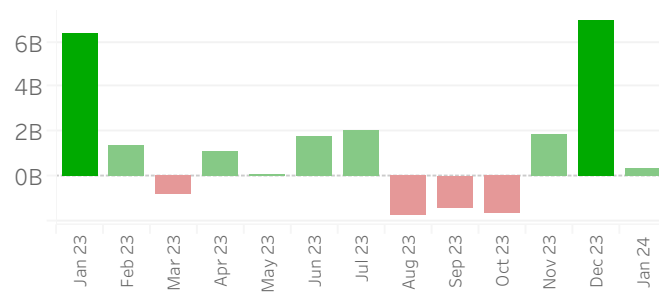
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
TUR	iShares MSCI Turkey ETF	2.61%
EPOL	iShares MSCI Poland ETF	2.02%
QAT	iShares MSCI Qatar ETF	1.84%
EWZS	iShares MSCI Brazil Small-Cap ETF	1.59%
EWT	iShares MSCI Taiwan ETF	1.55%
FLTW	Franklin FTSE Taiwan ETF	1.45%
KSA	iShares MSCI Saudi Arabia ETF	1.40%
EWM	iShares MSCI Malaysia ETF	0.98%
PIE	Invesco Dorsey Wright Emerging Markets Momentum E..	0.83%
EMXC	iShares MSCI Emerging Markets ex China ETF	0.83%

Emerging Most Overbought

Ticker	Fund	Value
KWT	iShares MSCI Kuwait ETF	76.37
SMIN	iShares MSCI India Small Cap ETF	71.89
EPHE	iShares MSCI Philippines ETF	71.23
KSA	iShares MSCI Saudi Arabia ETF	71.19
EPI	WisdomTree India Earnings Fund	68.95
INDA	iShares MSCI India ETF	68.59
FLIN	Franklin FTSE India ETF	67.45
QAT	iShares MSCI Qatar ETF	66.01
EWM	iShares MSCI Malaysia ETF	64.90
FM	iShares Frontier and Select EM ETF	64.88

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
ECNS	iShares MSCI China Small-Cap ETF	-1.99%
PGJ	Invesco Golden Dragon China ETF	-1.45%
CNYA	iShares MSCI China A ETF	-1.32%
ECH	iShares MSCI Chile ETF	-1.26%
FXI	iShares China Large-Cap ETF	-1.25%
THD	iShares MSCI Thailand ETF	-1.21%
GXC	SPDR S&P China ETF	-1.19%
FLCH	Franklin FTSE China ETF	-1.14%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-1.09%
MCHI	iShares MSCI China ETF	-1.01%

Emerging Most Oversold

Ticker	Fund	Value
CNYA	iShares MSCI China A ETF	30.34
KBA	KraneShares Boser MSCI China A 50 Connect Index ..	33.79
ECNS	iShares MSCI China Small-Cap ETF	33.97
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	33.97
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	36.54
GXC	SPDR S&P China ETF	37.51
MCHI	iShares MSCI China ETF	38.15
FXI	iShares China Large-Cap ETF	38.75
FLCH	Franklin FTSE China ETF	38.78
PGJ	Invesco Golden Dragon China ETF	40.55

*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	0.38%	2.02%	-0.69%
SHY	1-3 Year Treasury Bonds	0.09%	0.91%	-0.10%
IEF	7-10 Year Treasury Bonds	0.34%	2.11%	-0.77%
TLT	20+ Year Treasury Bonds	0.99%	3.18%	-1.66%
TIP	TIPS Bonds	0.27%	1.49%	-0.40%
FLOT	Floating Rate Bonds	0.02%	0.53%	0.16%
LQD	Investment Grade Corporate	0.76%	2.35%	-1.06%
HYG	High Yield Corporate	0.56%	2.15%	-0.36%
BKLN	Senior Loan	0.24%	1.66%	0.05%
PFF	Preferred & Income Securities	0.93%	3.08%	0.71%
MUB	Municipal Bonds	0.35%	1.49%	0.04%
MBB	MBS	0.46%	2.29%	-0.72%
EMB	Dollar Denominated EM Bonds	0.13%	0.92%	-2.00%
LEMB	Local Currency EM Bond	0.08%	2.22%	-0.79%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-1.14%	-0.01%	-1.08%
DBE	Energy	-2.03%	-0.13%	0.47%
USO	WTI Crude Oil	-3.81%	-0.20%	-0.38%
BNO	Brent Crude Oil	-3.07%	0.89%	-0.44%
UNG	Natural Gas	2.91%	19.72%	18.54%
UGA	Gasoline	-3.34%	-1.13%	-3.18%
DBP	Precious Metals	-0.66%	0.85%	-1.78%
GLD	Gold	-0.78%	1.20%	-1.73%
SLV	Silver	-0.38%	0.14%	-2.98%
PPLT	abrdn Physical Platin..	-1.68%	3.24%	-4.28%
PALL	abrdn Physical Palla..	-2.86%	5.83%	-8.88%
DBB	Base Metals	-0.57%	3.17%	-4.48%
CPER	Copper	0.42%	0.08%	-1.62%
DBA	Agriculture	-0.34%	-1.71%	-1.11%
CORN	Corn	-1.49%	-5.68%	-3.06%
SOYB	Soybeans	-0.50%	-5.72%	-3.56%
WEAT	Wheat	-2.38%	-4.01%	-3.85%
CANE	Sugar	2.26%	-3.45%	3.75%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.18%	-1.20%	1.00%
UDN	Short Dollar	0.11%	1.88%	-0.87%
FXE	Euro	0.17%	2.01%	-0.69%
FXB	British Pound Sterling	0.24%	1.85%	0.10%
FXF	Swiss Franc	0.31%	3.80%	-0.76%
FXJ	Japanese Yen	0.39%	0.50%	-2.29%
FXC	Canadian Dollar	0.10%	1.85%	-0.80%
FXA	Australian Dollar	0.06%	2.27%	-1.35%

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