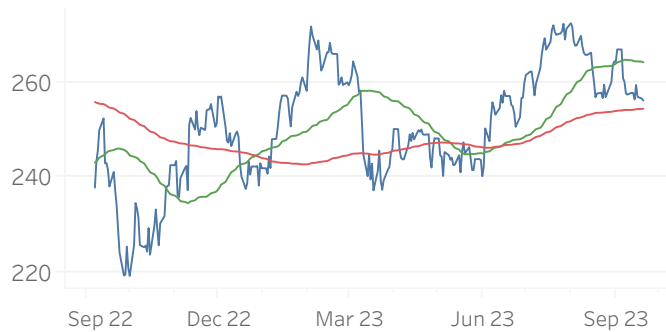


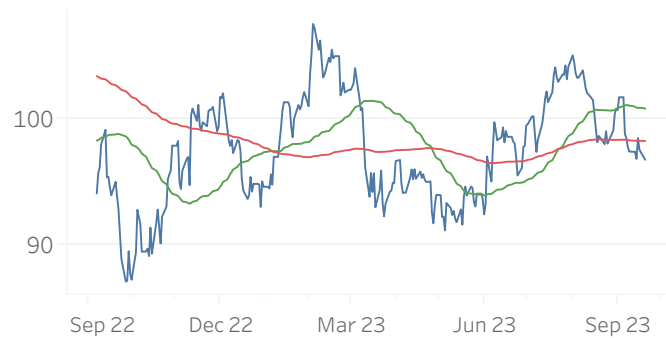
### Large Cap Blend (S&P 500) IVV



### Mid Cap Blend (S&P 400) IJH

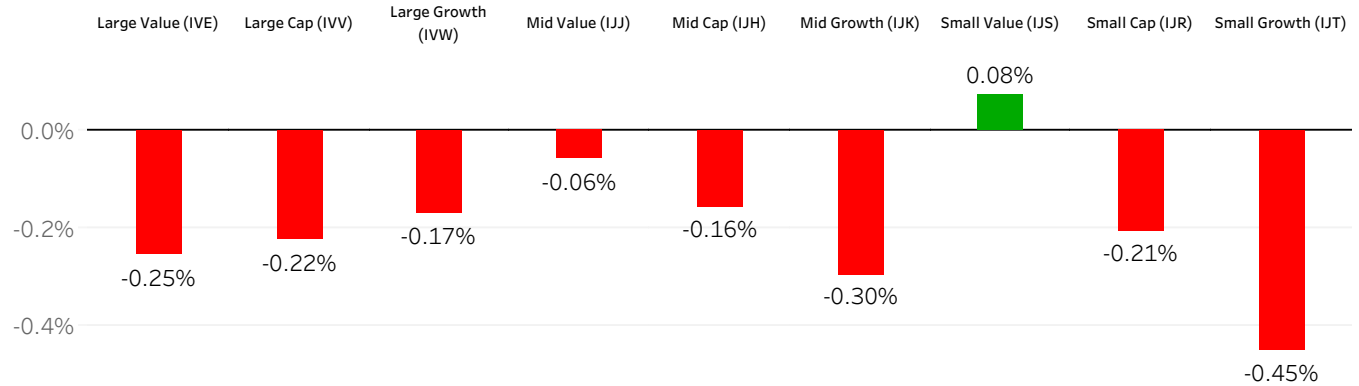


### Small Cap Blend (S&P 600) IJR



■ 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
SQEW	LeaderShares Equity Skew ETF	0.39%
RFV	Invesco S&P Midcap 400 Pure Value ETF	0.37%
ISMD	Inspire Small/Mid Cap ETF	0.35%
SYLD	Cambria Shareholder Yield ETF	0.32%
XMMO	Invesco S&P MidCap Momentum ETF	0.27%
VUSE	Vident U.S. Equity Strategy ETF	0.13%
FLQM	Franklin U.S. Mid Cap Multifactor Index ETF	0.12%
TMFM	Motley Fool Mid-Cap Growth ETF	0.12%
FDRR	Fidelity Dividend ETF for Rising Rates	0.10%
USMV	iShares MSCI USA Min Vol Factor ETF	0.09%

### Size & Style Most Overbought

Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	60.62
ABEQ	Absolute Select Value ETF	56.79
SPMO	Invesco S&P 500 Momentum ETF	54.83
QVAL	Alpha Architect US Quantitative Value ETF	53.97
USMV	iShares MSCI USA Min Vol Factor ETF	53.31
FTCS	First Trust Capital Strength ETF	52.31
HDV	iShares Core High Dividend ETF	52.13
MGV	Vanguard Mega Cap Value ETF	50.90
SYLD	Cambria Shareholder Yield ETF	50.64
IWX	iShares Russell Top 200 Value ETF	50.50

### Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
IPO	Renaissance IPO ETF	-1.58%
FFTY	Innovator IBD 50 ETF	-1.08%
DWAS	Invesco Dorsey Wright SmallCap Momentum ETF	-0.82%
PSC	Principal U.S. Small-Cap ETF	-0.69%
CSF	VictoryShares US Discovery Enhanced Volatility Wtd ETF	-0.69%
BUZZ	VanEck Social Sentiment ETF	-0.69%
LCG	Sterling Capital Focus Equity ETF	-0.58%
FNY	First Trust Mid Cap Growth AlphaDEX Fund	-0.57%
REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	-0.56%
TPHD	Timothy Plan High Dividend Stock ETF	-0.54%

### Size & Style Most Oversold

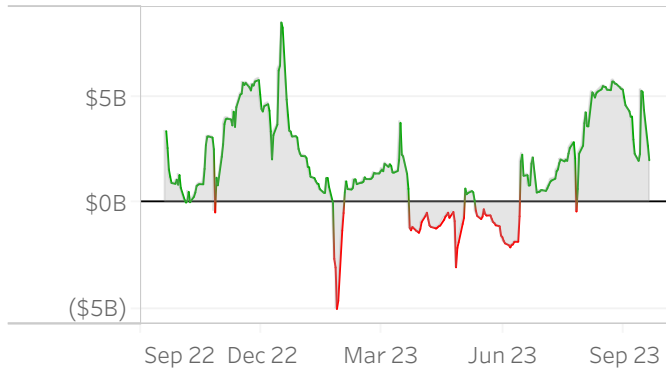
Ticker	Fund	Price
QQQN	VictoryShares Nasdaq Next 50 ETF	31.75
JSML	Janus Henderson Small Cap Growth Alpha ETF	31.84
IWC	iShares Micro-Cap ETF	33.59
QQQJ	Invesco NASDAQ Next Gen 100 ETF	33.71
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	34.22
BBSC	JPMorgan BetaBuilders U.S. Small Cap Equity ETF	34.32
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	34.45
FFTY	Innovator IBD 50 ETF	34.50
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	34.55
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	34.58

\*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	\$1,464B	\$2.86B	\$42.99B	\$63.21B	\$75.71B
Large Cap, Beta, Beta: Growth	10	\$283B	(\$1.35B)	\$1.97B	\$6.13B	\$16.39B
Large Cap, Beta, Beta: Value	11	\$225B	(\$0.49B)	\$0.82B	(\$5.93B)	(\$3.89B)
Mid Cap, Beta, Beta	10	\$195B	(\$1.64B)	\$6.41B	\$6.09B	\$12.86B
Mid Cap, Beta, Beta: Growth	6	\$35B	(\$0.11B)	\$0.14B	\$0.78B	\$0.45B
Mid Cap, Beta, Beta: Value	6	\$39B	(\$0.89B)	(\$0.75B)	(\$2.04B)	(\$1.19B)
Small Cap, Beta, Beta	11	\$197B	(\$0.85B)	\$0.68B	\$3.89B	\$9.76B
Small Cap, Beta, Beta: Growth	7	\$33B	(\$0.50B)	\$0.32B	\$0.36B	\$0.99B
Small Cap, Beta, Beta: Value	7	\$48B	(\$0.52B)	(\$0.37B)	(\$2.03B)	(\$0.39B)

### U.S. Size & Style Flow Leaders

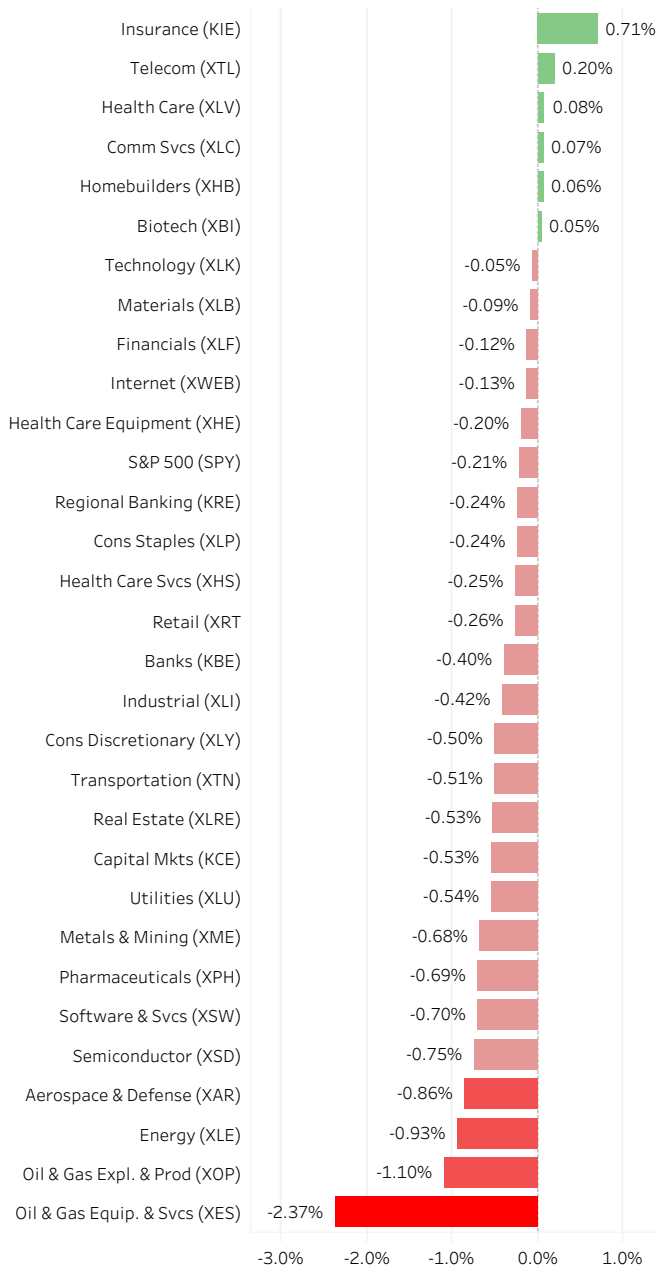
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$1.90B	\$0.30B	\$0.63B	\$6.95B	\$412.51B
VOO	Vanguard S&P 500 ETF	\$0.79B	\$15.77B	\$25.38B	\$33.43B	\$335.15B
IVV	iShares Core S&P 500 ETF	\$0.63B	\$18.93B	\$20.98B	\$20.05B	\$353.96B
IWD	iShares Russell 1000 Value ETF	\$0.32B	(\$0.44B)	(\$1.94B)	(\$3.86B)	\$50.90B
IWF	iShares Russell 1000 Growth ETF	\$0.26B	(\$0.89B)	(\$0.53B)	(\$1.21B)	\$71.13B
IJH	iShares Core S&P Mid-Cap ETF	\$0.21B	\$5.02B	\$4.53B	\$8.37B	\$72.78B
IJR	iShares Core S&P Small Cap ETF	\$0.17B	\$1.57B	\$1.19B	\$2.93B	\$68.36B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.16B	\$5.22B	\$7.02B	\$9.72B	\$41.50B
IWY	iShares Russell Top 200 Growth ETF	\$0.15B	(\$0.45B)	(\$0.10B)	\$0.81B	\$6.71B
SCHD	Schwab US Dividend Equity ETF	\$0.14B	\$1.28B	\$2.80B	\$10.96B	\$49.23B

### U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VTI	Vanguard Total Stock Market ETF	(\$2.93B)	\$5.77B	\$9.16B	\$21.10B	\$316.13B
VO	Vanguard Mid-Cap ETF	(\$1.88B)	\$0.40B	\$0.73B	\$2.20B	\$54.38B
VUG	Vanguard Growth ETF	(\$1.58B)	(\$0.62B)	\$0.24B	\$3.98B	\$93.21B
VB	Vanguard Small-Cap ETF	(\$0.97B)	\$0.81B	\$0.56B	\$2.13B	\$45.18B
VTV	Vanguard Value ETF	(\$0.85B)	\$0.22B	(\$3.52B)	(\$2.77B)	\$102.06B
VOE	Vanguard Mid-Cap Value ETF	(\$0.83B)	(\$0.42B)	(\$0.48B)	(\$0.08B)	\$15.84B
VBK	Vanguard Small-Cap Growth ETF	(\$0.46B)	\$0.14B	\$0.39B	\$0.92B	\$13.94B
VBR	Vanguard Small Cap Value ETF	(\$0.44B)	\$0.06B	(\$0.39B)	\$0.96B	\$24.93B
QQQ	Invesco QQQ Trust Series I	(\$0.30B)	\$4.97B	\$8.27B	\$1.51B	\$204.77B
IWB	iShares Russell 1000 ETF	(\$0.26B)	(\$0.56B)	(\$0.38B)	(\$0.22B)	\$30.36B

\* 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	-1.99%	48.51%	0.61%	13.20%	52.92
XLE	Energy Select Sector SPDR Fund	-3.01%	19.92%	3.87%	7.76%	56.15
SPY	SPDR S&P 500 ETF Trust	-3.29%	24.16%	-1.11%	5.81%	44.99
XLY	Consumer Discretionary Select Sector SPDR Fund	-4.63%	33.67%	-0.81%	10.05%	47.65
XLB	Materials Select Sector SPDR Fund	-5.61%	18.67%	-2.28%	0.10%	41.17
XLI	Industrial Select Sector SPDR Fund	-5.87%	23.02%	-3.37%	1.68%	35.56
XLK	Technology Select Sector SPDR Fund	-6.10%	45.21%	-2.01%	10.38%	43.60
XLV	Health Care Select Sector SPDR Fund	-6.10%	7.97%	-1.45%	-0.44%	40.88
XLF	Financial Select Sector SPDR Fund	-6.14%	14.66%	0.15%	2.24%	54.95
XLP	Consumer Staples Select Sector SPDR Fund	-7.91%	7.32%	-3.05%	-3.61%	38.87
XLU	Utilities Select Sector SPDR Fund	-11.90%	4.06%	-1.08%	-4.49%	51.21
XLRE	Real Estate Select Sector SPDR Fund	-13.96%	6.57%	-3.49%	-4.14%	38.65

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
KBWP	Invesco KBW Property & Casualty Insurance ETF	0.79%
AMPL	Alerian MLP ETF	0.74%
KIE	SPDR S&P Insurance ETF	0.71%
MLPA	Global X MLP ETF	0.70%
PBE	Invesco Biotechnology & Genome ETF	0.69%
IAK	iShares U.S. Insurance ETF	0.57%
PINK	Simplify Health Care ETF	0.47%
IBB	iShares Biotechnology ETF	0.37%
FXZ	First Trust Materials AlphaDEX Fund	0.30%
FBT	First Trust NYSE Arca Biotechnology Index Fund	0.28%

### Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IAK	iShares U.S. Insurance ETF	69.47
KIE	SPDR S&P Insurance ETF	67.82
KBWP	Invesco KBW Property & Casualty Insurance ETF	66.55
BIZD	VanEck BDC Income ETF	66.36
AMPL	Alerian MLP ETF	65.26
MLPA	Global X MLP ETF	64.54
IYF	iShares U.S. Financials ETF	60.14
IAI	iShares U.S. Broker-Dealers & Securities Exchanges ETF	59.43
REM	iShares Mortgage Real Estate ETF	58.91
VDE	Vanguard Energy ETF	58.27

### Sector & Industry 1 Day Performance Laggards

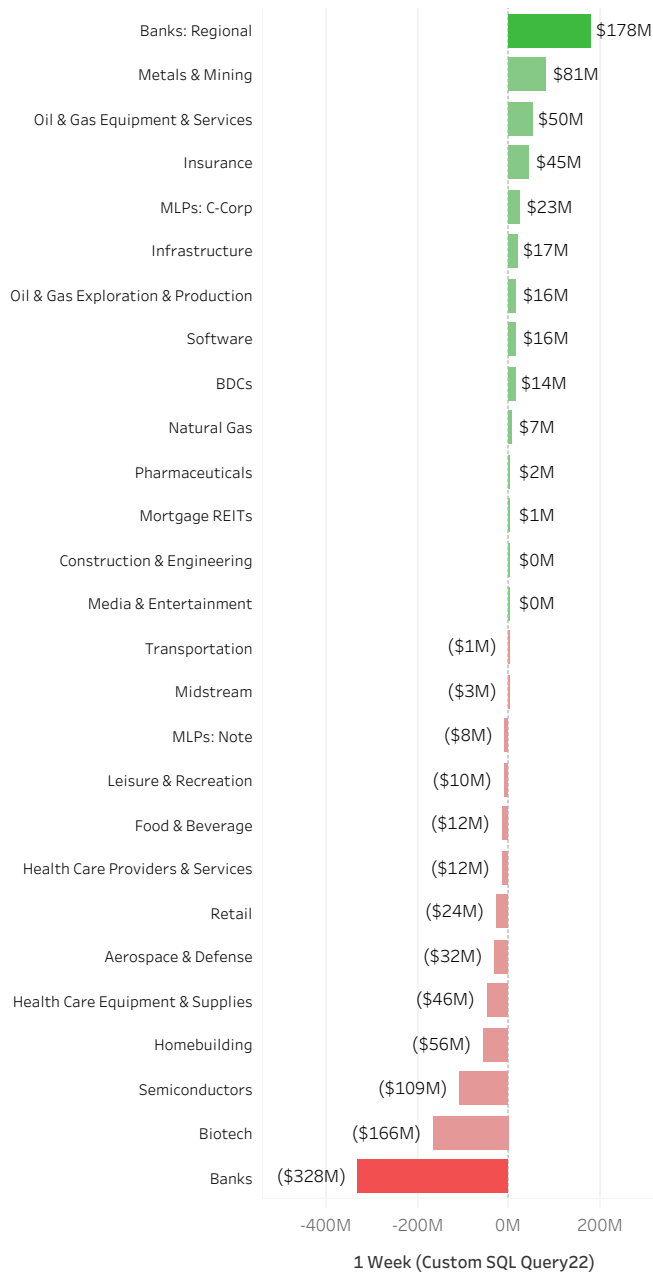
Ticker	Fund	1 Day Performance
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-2.37%
IEZ	iShares U.S. Oil Equipment & Services ETF	-1.87%
PSCE	Invesco S&P SmallCap Energy ETF	-1.58%
PSCC	Invesco S&P SmallCap Consumer Staples ETF	-1.40%
PXE	Invesco Energy Exploration & Production ETF	-1.40%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	-1.35%
PXI	Invesco Dorsey Wright Energy Momentum ETF	-1.31%
FTXN	First Trust Nasdaq Oil & Gas ETF	-1.30%
RSPG	Invesco S&P 500 Equal Weight Energy ETF	-1.19%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	-1.10%

### Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XHS	SPDR S&P Health Care Services ETF	22.80
PSCH	Invesco S&P SmallCap Health Care ETF	27.46
XHE	SPDR S&P Health Care Equipment ETF	28.74
ITA	iShares U.S. Aerospace & Defense ETF	30.66
RSPS	Invesco S&P 500 Equal Weight Consumer Staples ETF	30.89
XBI	SPDR S&P BIOTECH ETF	32.15
SZNE	Pacer CFRA-Stovall Equal Weight Seasonal Rotation ETF	32.33
XTN	SPDR S&P Transportation ETF	32.36
XAR	SPDR S&P Aerospace & Defense ETF	32.90
RSPH	Invesco S&P 500 Equal Weight Health Care ETF	33.15

\* 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	\$18B	(\$154M)	\$1,014M	\$2,933M	\$2,710M
Consumer Discretionary	12	\$28B	\$211M	\$1,694M	\$3,262M	\$2,401M
Consumer Staples	10	\$28B	\$200M	(\$1,244M)	\$52M	\$679M
Energy	31	\$75B	\$162M	\$1,466M	(\$4,749M)	(\$7,020M)
Financials	26	\$57B	(\$932M)	(\$587M)	(\$1,906M)	\$339M
Health Care	23	\$87B	(\$174M)	(\$2,128M)	(\$2,779M)	(\$3,660M)
Industrial	13	\$34B	\$34M	\$762M	\$1,356M	\$2,608M
Materials	9	\$13B	\$187M	(\$705M)	(\$1,734M)	(\$1,568M)
Multi-Sector	18	\$19B	(\$24M)	\$1,522M	\$2,803M	\$2,055M
Real Estate	25	\$54B	(\$69M)	\$363M	(\$1,178M)	(\$3,904M)
Technology	23	\$150B	(\$126M)	\$151M	\$1,393M	\$3,335M
Utilities	9	\$23B	(\$91M)	(\$859M)	(\$383M)	(\$1,404M)

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

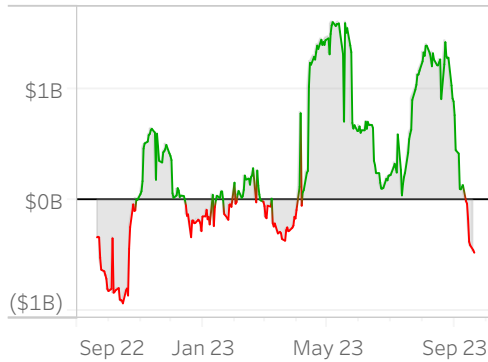
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$259M	\$1,328M	\$2,162M	\$1,145M	\$18,688M
XLP	Consumer Staples Select Sector SPDR Fund	\$227M	(\$234M)	\$995M	\$1,364M	\$16,952M
KRE	SPDR S&P Regional Banking ETF	\$182M	(\$345M)	(\$366M)	\$708M	\$2,889M
IEO	iShares U.S. Oil & Gas Exploration & Production..	\$111M	\$173M	(\$78M)	(\$107M)	\$913M
XLV	Health Care Select Sector SPDR Fund	\$93M	(\$1,430M)	(\$515M)	(\$267M)	\$39,211M
XME	SPDR S&P Metals & Mining ETF	\$81M	(\$308M)	(\$421M)	(\$74M)	\$1,824M
XLI	Industrial Select Sector SPDR Fund	\$79M	\$244M	\$1,109M	\$550M	\$15,018M
XLE	Energy Select Sector SPDR Fund	\$74M	\$531M	(\$2,395M)	(\$2,511M)	\$39,198M
XLB	Materials Select Sector SPDR Fund	\$70M	(\$315M)	(\$21M)	(\$135M)	\$5,557M
XLK	Technology Select Sector SPDR Fund	\$58M	\$452M	(\$9M)	(\$1,432M)	\$49,213M

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

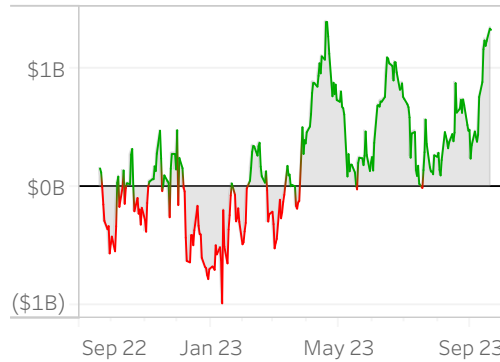
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$804M)	(\$469M)	\$66M	\$894M	\$32,384M
KBE	SPDR S&P Bank ETF	(\$341M)	(\$219M)	(\$222M)	(\$538M)	\$1,192M
XLC	Communication Services Select Sector SPDR Fu..	(\$162M)	\$646M	\$2,469M	\$2,442M	\$13,882M
XBI	SPDR S&P BIOTECH ETF	(\$139M)	(\$56M)	(\$607M)	(\$825M)	\$5,790M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$101M)	\$151M	(\$273M)	(\$735M)	\$3,795M
SOXX	iShares Semiconductor ETF	(\$98M)	\$377M	\$264M	\$321M	\$8,645M
XLU	Utilities Select Sector SPDR Fund	(\$81M)	(\$663M)	(\$2M)	(\$711M)	\$14,829M
IYR	iShares U.S. Real Estate ETF	(\$75M)	(\$162M)	(\$660M)	(\$967M)	\$2,723M
QTEC	First Trust NASDAQ-100 Technology Sector Ind..	(\$52M)	\$913M	\$1,006M	\$870M	\$2,857M
IHI	iShares U.S. Medical Devices ETF	(\$46M)	(\$183M)	(\$328M)	(\$920M)	\$5,336M

\* 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



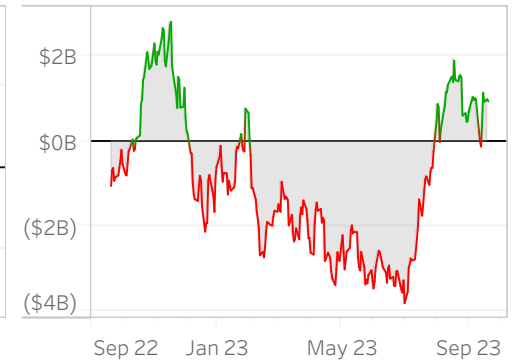
Consumer Discretionary



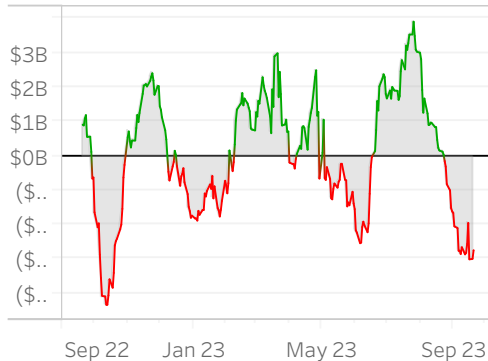
Consumer Staples



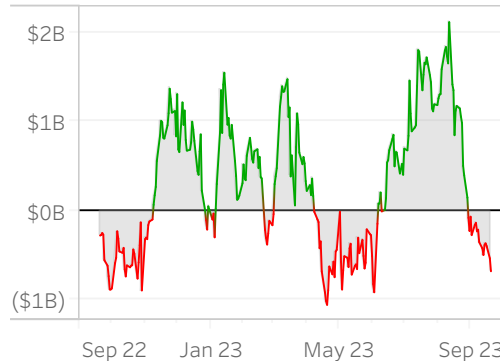
Energy



Financials



Industrial



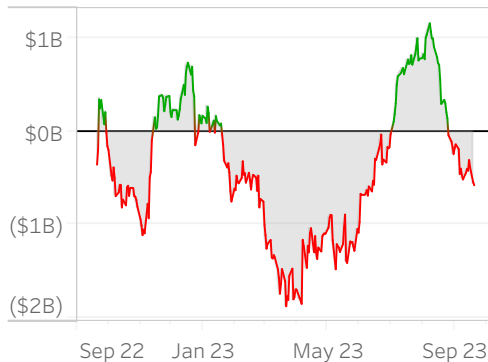
Health Care



Materials



Real Estate



Technology



Utilities

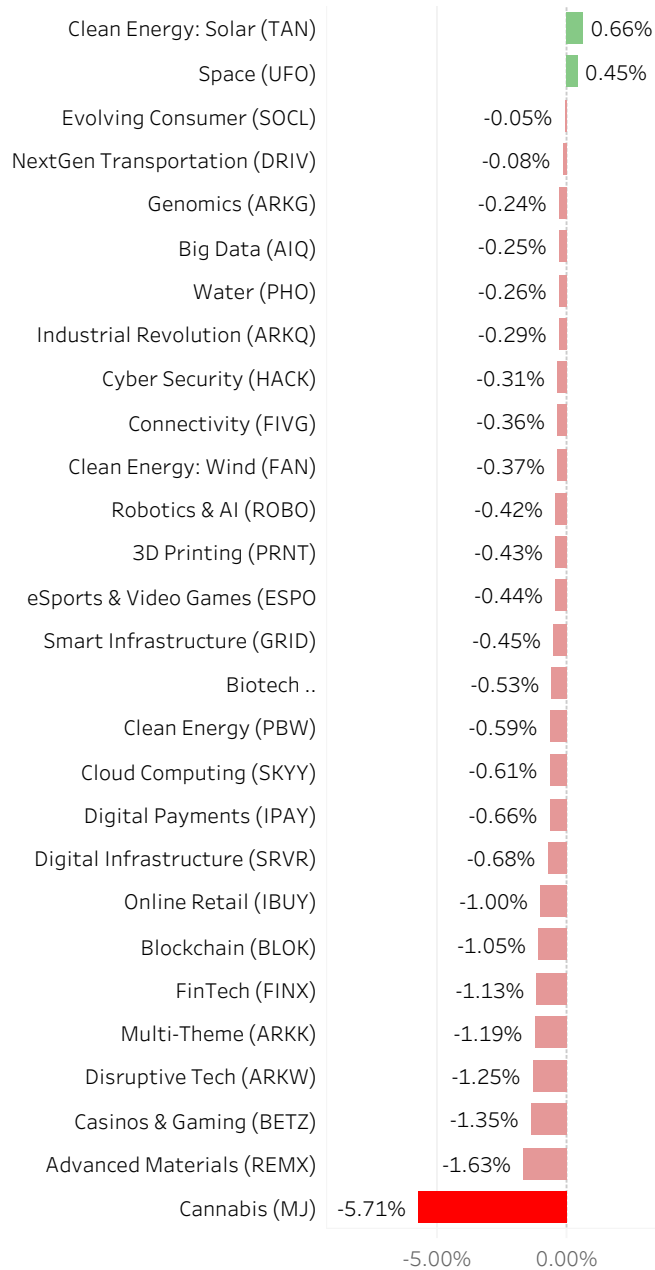


Multi-Sector

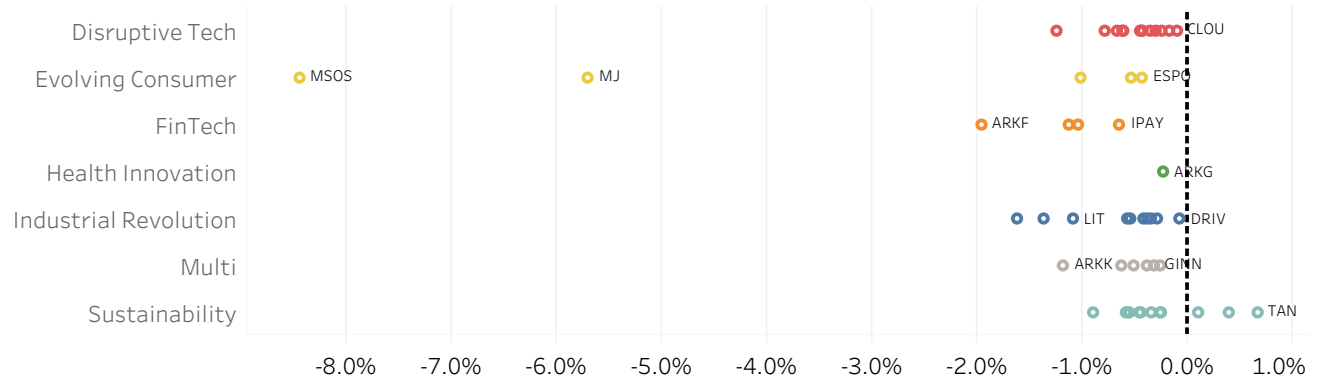


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### Global Thematic Segment 1-Day Performance



### Global Thematic 1-Day Performance Landscape



### Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
TAN	Invesco Solar ETF	0.66%
CTEC	Global X CleanTech ETF	0.52%
ICLN	iShares Global Clean Energy ETF	0.39%
PBD	Invesco Global Clean Energy ETF	0.25%
PAWZ	ProShares Pet Care ETF	0.14%
CNRG	SPDR S&P Kensho Clean Power ETF	0.10%
IDNA	iShares Genomics Immunology and Healthcare ETF	0.05%
SOCL	Global X Social Media ETF	-0.05%
GDOC	Goldman Sachs Future Health Care Equity ETF	-0.07%
DRIV	Global X Autonomous & Electric Vehicles ETF	-0.08%

### Thematic Most Overbought

Ticker	Fund	Price
MSOS	AdvisorShares Pure US Cannabis ETF	61.08
MJUS	ETFMG U.S. Alternative Harvest ETF	60.87
MJ	ETFMG Alternative Harvest ETF	56.81
IHAK	iShares Cybersecurity & Tech ETF	52.30
BUG	Global X Cybersecurity ETF	49.88
HACK	ETFMG Prime Cyber Security ETF	48.33
LEGR	First Trust Indxx Innovative Transaction & Process ETF	48.19
SAMT	Stratigas Macro Thematic Opportunities ETF	47.57
NXTG	First Trust Indxx NextG ETF	47.45
CIBR	First Trust NASDAQ Cybersecurity ETF	46.95

### Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
MSOS	AdvisorShares Pure US Cannabis ETF	-8.46%
MJUS	ETFMG U.S. Alternative Harvest ETF	-5.77%
MJ	ETFMG Alternative Harvest ETF	-5.71%
BKCH	Global X Blockchain ETF	-2.28%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	-2.01%
ARKF	ARK Fintech Innovation ETF	-1.96%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-1.80%
BJK	VanEck Gaming ETF	-1.76%
REMX	VanEck Rare Earth/Strategic Metals ETF	-1.63%
BATT	Amplify Lithium & Battery Technology ETF	-1.42%

### Thematic Most Oversold

Ticker	Fund	Price
EDOC	Global X Telemedicine & Digital Health ETF Registered	23.35
PAWZ	ProShares Pet Care ETF	24.00
HTEC	ROBO Global Healthcare Technology and Innovation ETF	26.82
ARKG	ARK Genomic Revolution ETF	30.82
IZRL	ARK Israel Innovative Technology ETF	30.87
GNOM	Global X Genomics & Biotechnology ETF	31.01
GDOC	Goldman Sachs Future Health Care Equity ETF	31.81
ROBO	ROBO Global Robotics & Automation Index ETF	32.09
KOMP	SPDR S&P Kensho New Economies Composite ETF	32.63
PRNT	3D Printing ETF	32.69

\* 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	
ARKK	ARK Innovation ETF	\$66M
AIQ	Global X Artificial Intelligence & Technology ETF	\$14M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$12M
REMX	VanEck Rare Earth/Strategic Metals ETF	\$7M
TAN	Invesco Solar ETF	\$4M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$2M
MSOS	AdvisorShares Pure US Cannabis ETF	\$2M
THNQ	ROBO Global Artificial Intelligence ETF	\$2M
FDIG	Fidelity Crypto Industry and Digital Payments ETF	\$2M
INQQ	India Internet & Ecommerce ETF	\$1M

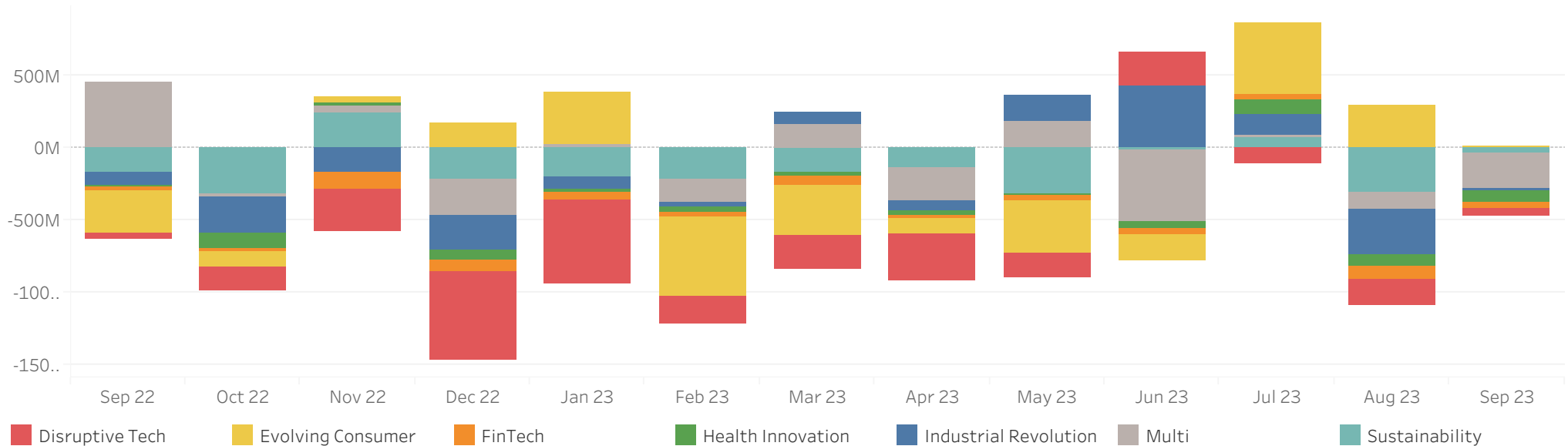
### Thematic 1 Week Flow Laggards

Ticker	Fund	
ARKG	ARK Genomic Revolution ETF	(\$31M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$30M)
LIT	Global X Lithium & Battery Tech ETF	(\$25M)
PBW	Invesco WilderHill Clean Energy ETF	(\$23M)
IPAY	ETFMG Prime Mobile Payments ETF	(\$15M)
ROBO	ROBO Global Robotics & Automation Index ETF	(\$14M)
BUG	Global X Cybersecurity ETF	(\$13M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$11M)
LEGR	First Trust Indxx Innovative Transaction & Process ETF	(\$10M)
ARKW	ARK Next Generation Internet ETF	(\$9M)

### Thematic Landscape Assets & Flows

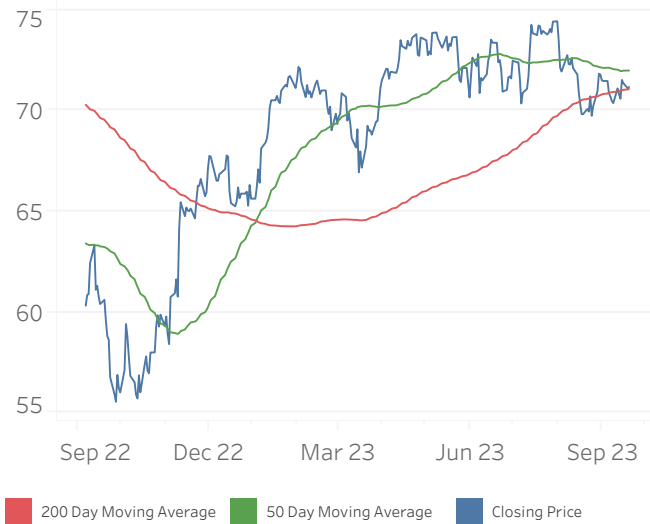
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$16B	(\$40M)	(\$351M)	(\$679M)	(\$2,722M)
Evolving Consumer	40	\$9B	(\$5M)	\$699M	\$134M	(\$587M)
FinTech	17	\$3B	(\$4M)	(\$110M)	(\$203M)	(\$566M)
Health Innovation	18	\$3B	(\$19M)	(\$71M)	(\$224M)	(\$451M)
Industrial Revolution	30	\$11B	(\$27M)	(\$164M)	\$407M	(\$414M)
Multi	38	\$14B	\$14M	(\$495M)	(\$900M)	(\$648M)
Sustainability	40	\$14B	(\$18M)	(\$366M)	(\$850M)	(\$1,820M)
Grand Total	217	\$70B	(\$100M)	(\$858M)	(\$2,316M)	(\$7,209M)

### Thematic Monthly Flows

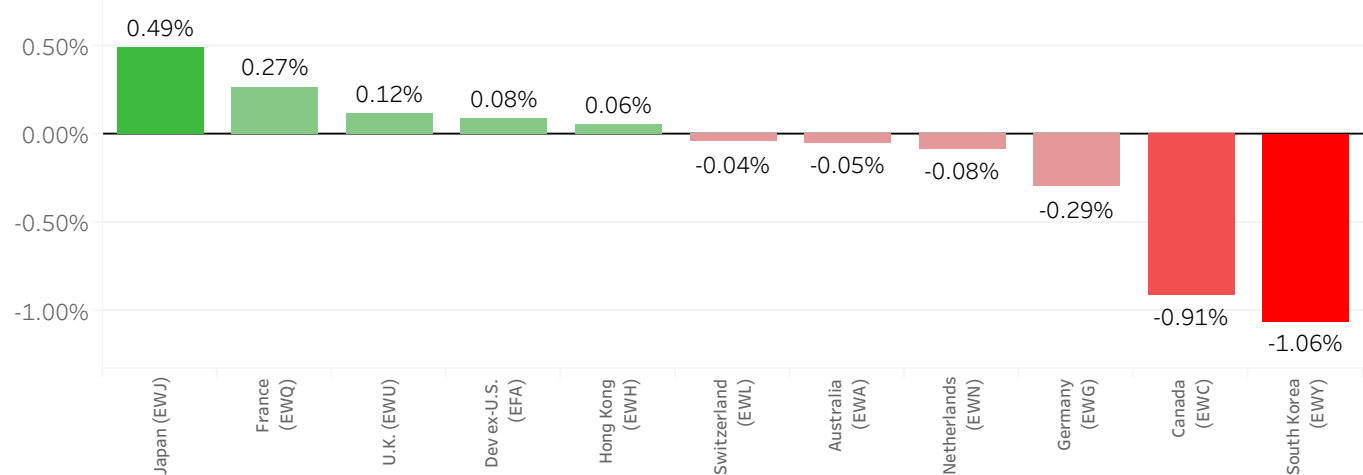


\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day

Developed ex-U.S. (EFA)



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



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



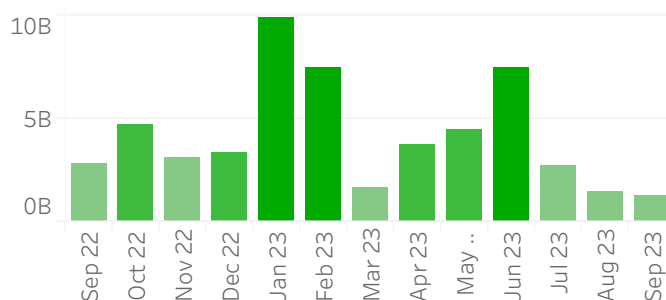
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
DXJ	WisdomTree Japan Hedged Equity Fund	1.33%
EWJV	iShares MSCI Japan Value ETF	1.31%
IVAL	Alpha Architect International Quantitative Value ETF	1.24%
FJP	First Trust Japan AlphaDEX Fund	1.23%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	1.16%
IDOG	ALPS International Sector Dividend Dogs ETF	0.96%
DFJ	WisdomTree Japan SmallCap Dividend Fund	0.92%
DTH	WisdomTree International High Dividend Fund	0.81%
FLJH	Franklin FTSE Japan Hedged ETF	0.80%
EWP	iShares MSCI Spain ETF	0.71%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
DXJ	WisdomTree Japan Hedged Equity Fund	79.29
EWJV	iShares MSCI Japan Value ETF	78.42
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	76.16
FJP	First Trust Japan AlphaDEX Fund	75.99
FLJH	Franklin FTSE Japan Hedged ETF	75.60
HEWJ	iShares Currency Hedged MSCI Japan ETF	75.60
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	75.60
LVHI	Franklin International Low Volatility High Dividend Index ..	66.47
IVAL	Alpha Architect International Quantitative Value ETF	65.95
DFJ	WisdomTree Japan SmallCap Dividend Fund	65.87

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
GREK	Global X MSCI Greece ETF	-2.37%
EWY	iShares MSCI South Korea ETF	-1.06%
EWS	iShares MSCI Singapore ETF	-0.97%
EWC	iShares MSCI Canada ETF	-0.91%
FLKR	Franklin FTSE South Korea ETF	-0.87%
FLCA	Franklin FTSE Canada ETF	-0.85%
BBCA	JPMorgan BetaBuilders Canada ETF	-0.83%
AIA	iShares Asia 50 ETF	-0.82%
MINV	Matthews Asia Innovators Active ETF	-0.79%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-0.78%

Developed ex-U.S. Most Oversold

Ticker	Fund	Value
EWN	iShares MSCI Netherlands ETF	30.31
GREK	Global X MSCI Greece ETF	32.11
EWH	iShares MSCI Hong Kong ETF	34.19
BKCI	BNY Mellon Concentrated International ETF	36.86
EFG	iShares MSCI EAFE Growth ETF	37.42
PIZ	Invesco Dorsey Wright Developed Markets Moment..	38.13
MINV	Matthews Asia Innovators Active ETF	39.04
EIRL	iShares MSCI Ireland ETF	39.19
EWG	iShares MSCI Germany ETF	39.29
DAX	Global X DAX Germany ETF	39.38

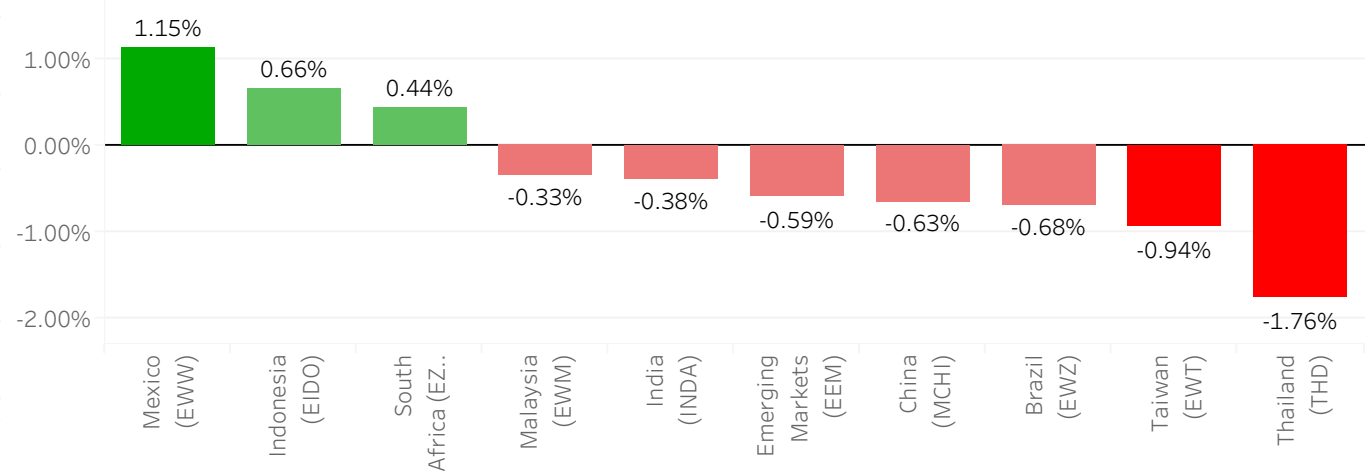
\*ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



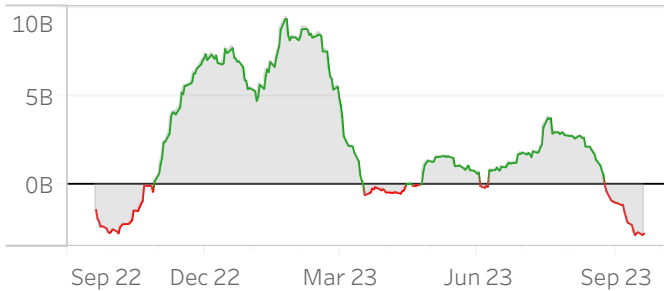
Emerging (EEM)



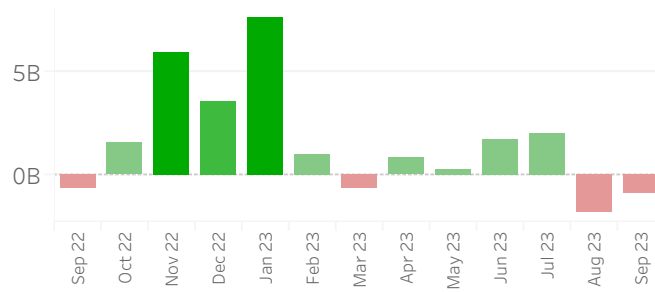
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
FLN	First Trust Latin America AlphaDEX Fund	1.73%
EWW	iShares MSCI Mexico ETF	1.15%
TUR	iShares MSCI Turkey ETF	0.83%
GLIN	VanEck India Growth Leaders ETF	0.77%
EIDO	iShares MSCI Indonesia ETF	0.66%
EDIV	SPDR S&P Emerging Markets Dividend ETF	0.53%
EZA	iShares MSCI South Africa ETF	0.44%
ECH	iShares MSCI Chile ETF	0.41%
EYLD	Cambria Emerging Shareholder Yield ETF	0.31%
FEM	First Trust Emerging Markets AlphaDEX Fund	0.19%

Emerging Most Overbought

Ticker	Fund	Price
GLIN	VanEck India Growth Leaders ETF	62.43
EYLD	Cambria Emerging Shareholder Yield ETF	61.50
NFTY	First Trust India NIFTY 50 Equal Weight ETF	59.76
INDY	iShares India 50 ETF	59.45
INDA	iShares MSCI India ETF	59.32
EPI	WisdomTree India Earnings Fund	58.48
FLIN	Franklin FTSE India ETF	58.33
DVYE	iShares Emerging Markets Dividend ETF	57.53
DEM	WisdomTree Emerging Markets High Dividend Fund	57.49
FLN	First Trust Latin America AlphaDEX Fund	57.03

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
PGJ	Invesco Golden Dragon China ETF	-2.00%
THD	iShares MSCI Thailand ETF	-1.76%
EPU	iShares MSCI Peru and Global Exposure ETF	-1.41%
EWZS	iShares MSCI Brazil Small-Cap ETF	-1.34%
DBEM	Xtrackers MSCI Emerging Markets Hedged Equity ETF	-1.25%
EPHE	iShares MSCI Philippines ETF	-1.20%
JEMA	JPMorgan ActiveBuilders Emerging Markets Equity ETF	-1.00%
EEMA	iShares MSCI Emerging Markets Asia ETF	-0.94%
EWT	iShares MSCI Taiwan ETF	-0.94%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-0.92%

Emerging Most Oversold

Ticker	Fund	Price
EPOL	iShares MSCI Poland ETF	27.18
EPHE	iShares MSCI Philippines ETF	30.30
THD	iShares MSCI Thailand ETF	31.79
KSA	iShares MSCI Saudi Arabia ETF	32.00
FRDM	Freedom 100 Emerging Markets ETF	35.79
PIE	Invesco Dorsey Wright Emerging Markets Momentum	36.42
EELV	Invesco S&P Emerging Markets Low Volatility ETF	36.56
ECH	iShares MSCI Chile ETF	37.60
PGJ	Invesco Golden Dragon China ETF	37.95
DFEV	Dimensional Emerging Markets Value ETF	38.34

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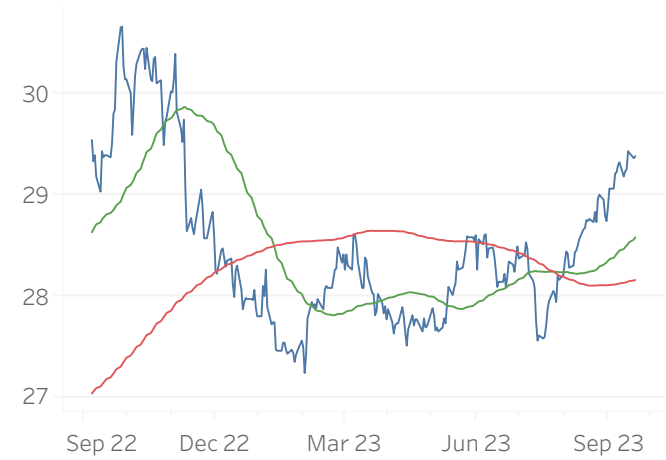
### Fixed Income (AGG)



### 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	-0.29%	-0.01%	0.35%
SHY	1-3 Year Treasury Bonds	-0.07%	0.03%	1.44%
IEF	7-10 Year Treasury Bonds	-0.36%	-0.56%	-1.26%
TLT	20+ Year Treasury Bonds	-0.74%	-0.73%	-4.78%
TIP	TIPS Bonds	-0.28%	0.26%	0.58%
FLOT	Floating Rate Bonds	0.02%	0.54%	4.69%
LQD	Investment Grade Corporate	-0.33%	0.48%	1.52%
HYG	High Yield Corporate	-0.31%	0.97%	5.18%
BKLN	Senior Loan	-0.05%	1.93%	9.73%
PFF	Preferred & Income Securities	0.03%	2.15%	4.78%
MUB	Municipal Bonds	-0.18%	-0.30%	0.91%
MBB	MBS	-0.32%	0.06%	-0.28%
EMB	Dollar Denominated EM Bonds	-0.12%	0.68%	3.07%
LEMB	Local Currency EM Bond	-0.32%	-1.98%	2.56%

### Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.06%	4.09%	-1.78%
DBE	Energy	0.04%	8.28%	6.70%
USO	WTI Crude Oil	0.06%	11.97%	16.25%
BNO	Brent Crude Oil	0.03%	12.44%	14.75%
UNG	Natural Gas	1.15%	1.30%	-50.14%
UGA	Gasoline	-1.06%	3.61%	22.74%
DBP	Precious Metals	-0.12%	2.10%	3.27%
GLD	Gold	-0.09%	2.22%	5.65%
SLV	Silver	-0.14%	1.92%	-3.41%
PPLT	abrdn Physical Platin..	0.95%	3.30%	-12.41%
PALL	abrdn Physical Palla..	1.07%	0.26%	-29.66%
DBB	Base Metals	-0.80%	3.88%	-4.94%
CPER	Copper	-0.86%	0.65%	0.17%
DBA	Agriculture	0.41%	4.31%	10.52%
CORN	Corn	0.69%	-2.44%	-18.42%
SOYB	Soybeans	0.00%	-2.54%	-3.19%
WEAT	Wheat	-0.34%	-7.31%	-26.94%
CANE	Sugar	0.93%	14.14%	60.13%

### Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.07%	2.16%	5.68%
UDN	Short Dollar	-0.03%	-1.57%	0.08%
FXE	Euro	-0.13%	-1.65%	0.76%
FXB	British Pound Sterling	0.03%	-2.53%	4.55%
FXF	Swiss Franc	-0.05%	-1.76%	2.68%
FXJ	Japanese Yen	-0.08%	-1.80%	-11.63%
FXC	Canadian Dollar	0.38%	0.97%	2.20%
FXA	Australian Dollar	0.32%	1.03%	-4.46%

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