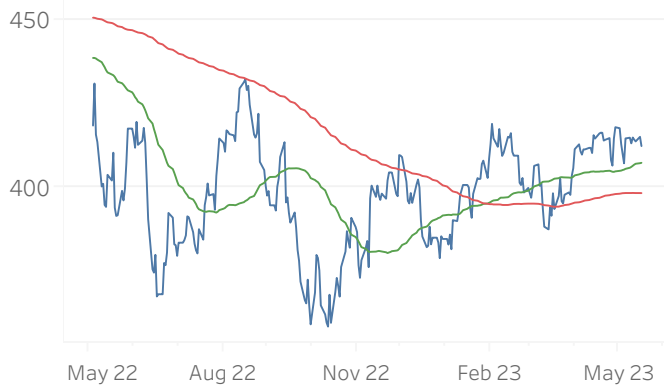


Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

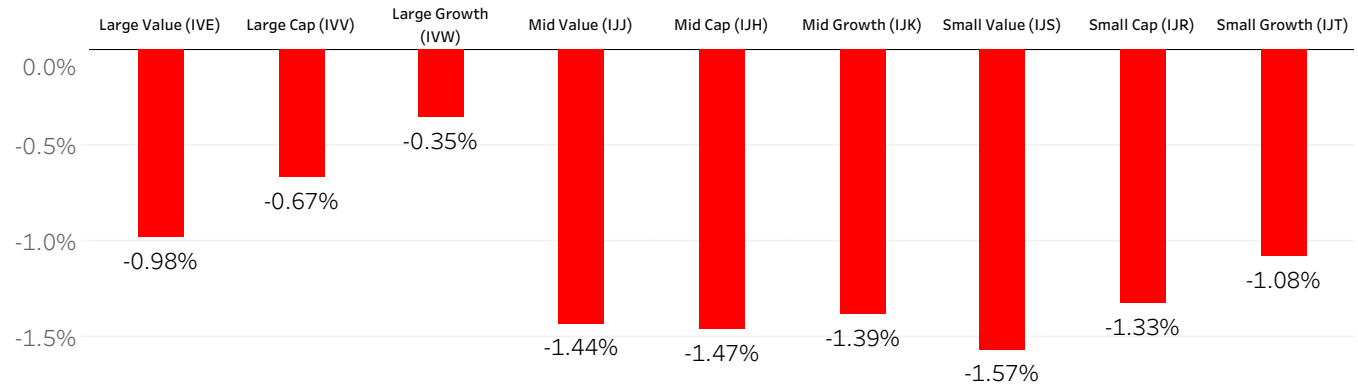


Small Cap Blend (S&P 600) IJR



■ 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
QQH	HCM Defender 100 Index ETF	0.16%
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ETF	0.15%
TMFC	Motley Fool 100 Index ETF	0.15%
MGK	Vanguard Mega Cap Growth ETF	0.13%
PTNQ	Pacer Trendpilot 100 ETF	0.13%
QQQ	Invesco QQQ Trust	0.11%
QQQM	Invesco NASDAQ 100 ETF	0.10%
SQEW	LeaderShares Equity Skew ETF	0.09%
SPC	CrossingBridge Pre-Merger SPAC ETF	0.07%
IWY	iShares Russell Top 200 Growth ETF	0.00%

Size & Style Most Overbought

Ticker	Fund	Value
SPC	CrossingBridge Pre-Merger SPAC ETF	67.04
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ETF	64.82
MGK	Vanguard Mega Cap Growth ETF	64.00
PTNQ	Pacer Trendpilot 100 ETF	63.69
WINN	Harbor Long-Term Growers ETF	63.27
IWY	iShares Russell Top 200 Growth ETF	63.20
QQQ	Invesco QQQ Trust	63.05
TMFC	Motley Fool 100 Index ETF	62.97
QQQM	Invesco NASDAQ 100 ETF	62.97
SCHG	Schwab U.S. Large-Cap Growth ETF	62.76

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
RDIV	Invesco S&P Ultra Dividend Revenue ETF	-2.22%
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	-2.09%
QQQN	VictoryShares Nasdaq Next 50 ETF	-2.09%
QVAL	Alpha Architect US Quantitative Value ETF	-1.92%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	-1.87%
IMCV	iShares Morningstar Mid-Cap Value ETF	-1.84%
AIEQ	AI Powered Equity ETF	-1.82%
EQAL	Invesco Russell 1000 Equal Weight ETF	-1.80%
SDOG	ALPS Sector Dividend Dogs ETF	-1.80%
DHS	WisdomTree U.S. High Dividend Fund	-1.76%

Size & Style Most Oversold

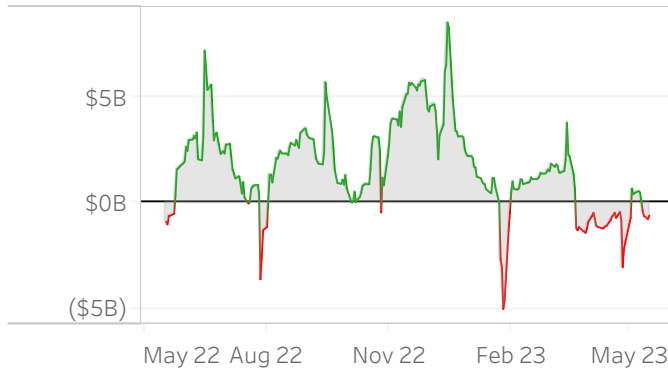
Ticker	Fund	Value
CDC	VictoryShares US EQ Income Enhanced Volatility Wt..	27.72
FDL	First Trust Morningstar Dividend Leaders Index Fund	29.87
PEY	Invesco High Yield Equity Dividend Achievers ETF	29.99
DHS	WisdomTree U.S. High Dividend Fund	30.71
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	31.03
DVY	iShares Select Dividend ETF	31.19
CDL	VictoryShares US Large Cap High Dividend Volatility ..	31.46
HDV	iShares Core High Dividend ETF	31.62
SDOG	ALPS Sector Dividend Dogs ETF	31.86
RDIV	Invesco S&P Ultra Dividend Revenue ETF	31.97

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

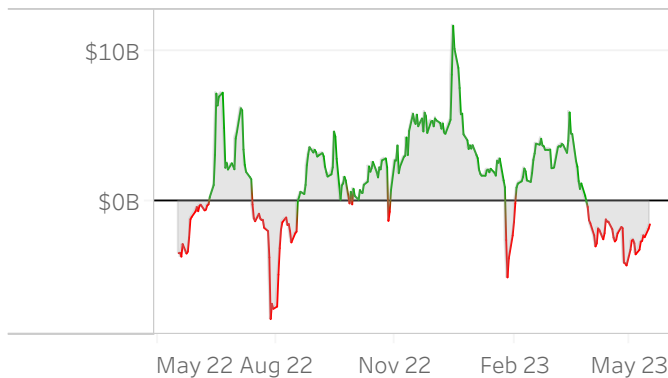
Large-Cap 30-Day Rolling Flows



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	\$1,297B	\$0.52B	\$8.45B	(\$13.54B)	\$67.25B
Large Cap, Beta, Beta: Growth	10	\$250B	\$0.09B	\$2.97B	\$5.38B	\$20.01B
Large Cap, Beta, Beta: Value	11	\$216B	(\$0.50B)	(\$5.60B)	(\$5.55B)	\$1.24B
Mid Cap, Beta, Beta	10	\$180B	\$0.15B	(\$0.38B)	\$2.59B	\$9.22B
Mid Cap, Beta, Beta: Growth	6	\$33B	(\$0.04B)	\$0.34B	(\$0.39B)	\$1.24B
Mid Cap, Beta, Beta: Value	6	\$38B	(\$0.08B)	(\$1.03B)	(\$0.79B)	\$1.17B
Small Cap, Beta, Beta	13	\$182B	(\$0.87B)	(\$4.51B)	(\$2.57B)	\$0.36B
Small Cap, Beta, Beta: Growth	7	\$31B	(\$0.01B)	(\$0.14B)	\$0.12B	\$1.00B
Small Cap, Beta, Beta: Value	7	\$46B	\$0.01B	(\$1.18B)	(\$0.29B)	\$0.73B

U.S. Size & Style Flow Leaders

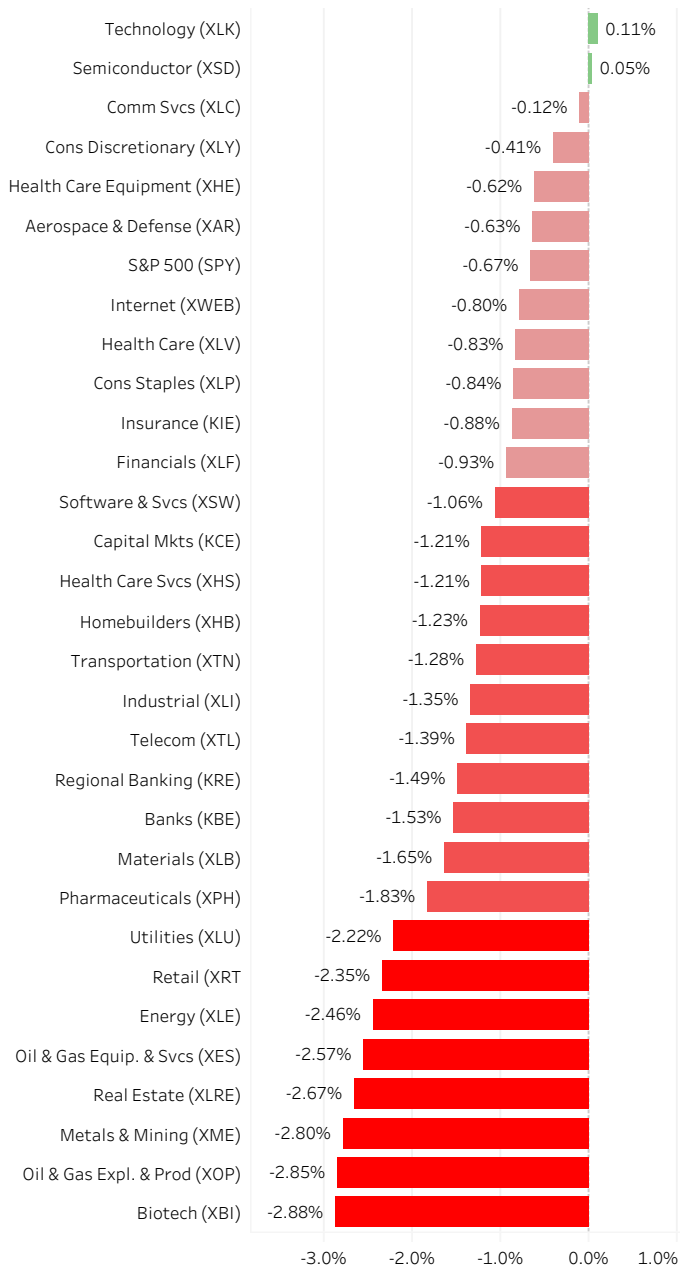
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$3.12B	\$3.33B	(\$7.88B)	\$9.14B	\$382.33B
VOO	Vanguard S&P 500 ETF	\$0.27B	\$6.85B	\$5.97B	\$32.43B	\$291.90B
QUAL	iShares MSCI USA Quality Factor ETF	\$0.25B	\$9.18B	\$8.81B	\$6.98B	\$28.79B
VO	Vanguard Mid-Cap ETF	\$0.22B	(\$0.59B)	\$0.33B	\$2.17B	\$50.50B
QQQM	Invesco NASDAQ 100 ETF	\$0.14B	\$1.66B	\$2.94B	\$5.07B	\$9.72B
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ..	\$0.11B	\$0.96B	\$1.75B	\$2.52B	\$2.68B
LGLV	SPDR SSGA US Large Cap Low Volatility Index ..	\$0.11B	\$0.15B	\$0.17B	\$0.15B	\$0.81B
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	\$0.11B	\$1.13B	\$1.30B	\$1.55B	\$3.70B
ITOT	iShares Core S&P Total U.S. Stock Market ETF	\$0.10B	\$0.48B	\$0.04B	\$0.94B	\$41.48B
VIG	Vanguard Dividend Appreciation ETF	\$0.09B	\$0.48B	\$0.30B	\$1.57B	\$66.17B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	(\$1.55B)	(\$3.69B)	(\$6.98B)	\$14.26B	\$307.84B
QQQ	Invesco QQQ Trust	(\$1.48B)	\$0.65B	(\$7.91B)	(\$1.54B)	\$175.29B
IWM	iShares Russell 2000 ETF	(\$0.68B)	(\$3.85B)	(\$5.38B)	(\$4.86B)	\$47.37B
VYM	Vanguard High Dividend Yield Index ETF	(\$0.27B)	(\$0.06B)	(\$0.20B)	\$4.82B	\$47.55B
RPV	Invesco S&P 500 Pure Value ETF	(\$0.26B)	(\$1.07B)	(\$1.09B)	(\$1.20B)	\$2.18B
VTV	Vanguard Value ETF	(\$0.26B)	(\$0.93B)	(\$0.77B)	\$2.96B	\$99.55B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.19B)	(\$2.34B)	(\$0.27B)	\$1.85B	\$32.28B
IWD	iShares Russell 1000 Value ETF	(\$0.13B)	(\$1.72B)	(\$4.09B)	(\$3.44B)	\$49.08B
VB	Vanguard Small-Cap ETF	(\$0.12B)	(\$0.15B)	\$0.97B	\$1.10B	\$41.77B
IUSV	iShares Core S&P US Value ETF	(\$0.10B)	(\$0.02B)	\$0.34B	\$1.17B	\$13.05B

\* 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)
XLK	Technology Select Sector SPDR Fund	0.00%	30.71%	3.60%	12.30%	60.23
XLP	Consumer Staples Select Sector SPDR Fund	-1.57%	14.71%	1.78%	3.67%	50.30
XLC	Communication Services Select Sector SPDR Fund	-1.67%	31.95%	4.37%	12.64%	60.17
SPY	SPDR S&P 500 ETF Trust	-4.53%	15.06%	1.24%	3.60%	50.34
XLI	Industrial Select Sector SPDR Fund	-5.84%	17.84%	-1.48%	0.37%	41.99
XLV	Health Care Select Sector SPDR Fund	-6.60%	9.15%	0.00%	-0.24%	41.48
XLB	Materials Select Sector SPDR Fund	-12.10%	15.06%	-2.15%	-1.24%	39.57
XLF	Financial Select Sector SPDR Fund	-13.89%	5.18%	-1.26%	-5.87%	42.54
XLU	Utilities Select Sector SPDR Fund	-14.68%	8.34%	-1.87%	-3.99%	37.15
XLY	Consumer Discretionary Select Sector SPDR Fund	-14.77%	16.76%	1.61%	1.28%	52.48
XLE	Energy Select Sector SPDR Fund	-18.18%	14.06%	-6.45%	-8.71%	32.67
XLRE	Real Estate Select Sector SPDR Fund	-21.23%	6.69%	-2.14%	-5.99%	39.65

## Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PSCT	Invesco S&P SmallCap Information Technology ETF	0.37%
IYW	iShares U.S. Technology ETF	0.27%
IGM	iShares Expanded Tech Sector ETF	0.26%
PTF	Invesco DWA Technology Momentum ETF	0.18%
IETC	iShares U.S. Tech Independence Focused ETF	0.17%
XLK	Technology Select Sector SPDR Fund	0.11%
PSJ	Invesco Dynamic Software ETF	0.07%
XNTK	SPDR NYSE Technology ETF	0.06%
XSD	SPDR S&P Semiconductor ETF	0.05%
VOX	Vanguard Communication Services ETF	-0.04%

## Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IYW	iShares U.S. Technology ETF	65.00
IGM	iShares Expanded Tech Sector ETF	64.59
ITB	iShares U.S. Home Construction ETF	63.33
IETC	iShares U.S. Tech Independence Focused ETF	63.05
XNTK	SPDR NYSE Technology ETF	61.19
XLK	Technology Select Sector SPDR Fund	60.23
XLC	Communication Services Select Sector SPDR Fund	60.17
VGT	Vanguard Information Technology ETF	59.58
PKB	Invesco Dynamic Building & Construction ETF	59.34
FTEC	Fidelity MSCI Information Technology Index ETF	59.29

## Sector & Industry 1 Day Performance Laggards

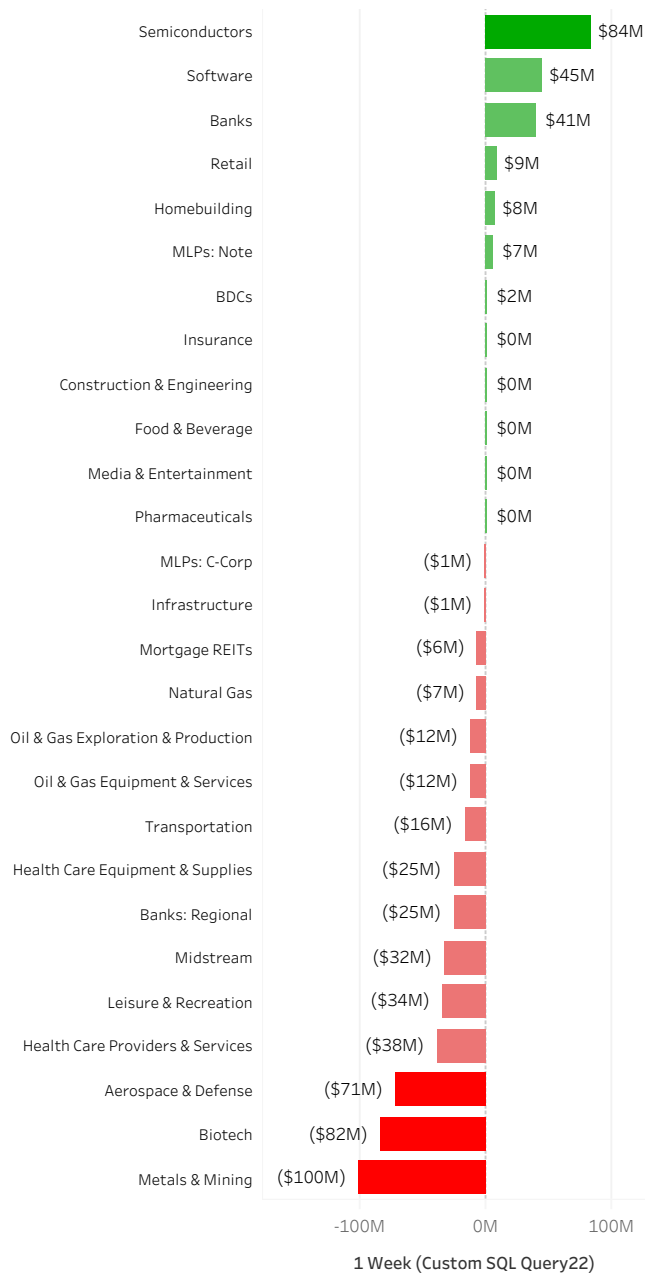
Ticker	Fund	1 Day Performance
PSCE	Invesco S&P SmallCap Energy ETF	-2.90%
XBI	SPDR S&P BIOTECH ETF	-2.88%
IEZ	iShares U.S. Oil Equipment & Services ETF	-2.86%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	-2.85%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	-2.84%
PXI	Invesco DWA Energy Momentum ETF	-2.82%
XME	SPDR S&P Metals & Mining ETF	-2.80%
RWR	SPDR Dow Jones REIT ETF	-2.77%
XLRE	Real Estate Select Sector SPDR Fund	-2.67%
PXE	Invesco Dynamic Energy Exploration & Production ETF	-2.67%

## Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XTL	SPDR S&P Telecom ETF	31.72
KBWY	Invesco KBW Premium Yield Equity REIT ETF	32.11
XLE	Energy Select Sector SPDR Fund	32.67
QABA	First Trust NASDAQ ABA Community Bank Index Fund	33.50
FENY	Fidelity MSCI Energy Index ETF	33.52
XME	SPDR S&P Metals & Mining ETF	33.59
IYE	iShares U.S. Energy ETF	33.67
VDE	Vanguard Energy ETF	33.81
IEZ	iShares U.S. Oil Equipment & Services ETF	33.91
RYE	Invesco S&P 500 Equal Weight Energy ETF	34.89

\* 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	\$16B	\$99M	\$1,518M	\$1,503M	\$1,865M
Consumer Discretionary	12	\$23B	\$71M	\$674M	\$106M	(\$770M)
Consumer Staples	10	\$32B	\$39M	\$1,763M	\$2,245M	\$4,016M
Energy	32	\$67B	(\$307M)	(\$4,911M)	(\$8,142M)	(\$9,760M)
Financials	26	\$51B	(\$536M)	(\$1,973M)	(\$1,984M)	(\$5,625M)
Health Care	23	\$92B	(\$250M)	(\$2,160M)	(\$3,330M)	\$1,987M
Industrial	13	\$31B	(\$165M)	(\$311M)	\$635M	(\$222M)
Materials	9	\$13B	(\$275M)	(\$1,002M)	\$65M	(\$2,673M)
Multi-Sector	19	\$14B	(\$78M)	\$447M	(\$242M)	(\$1,651M)
Real Estate	25	\$55B	(\$80M)	(\$3,102M)	(\$3,499M)	(\$6,220M)
Technology	23	\$133B	\$136M	\$384M	(\$1,232M)	\$887M
Utilities	9	\$26B	\$391M	\$755M	\$532M	\$2,011M

## U.S. Sector & Industry Flow Leaders

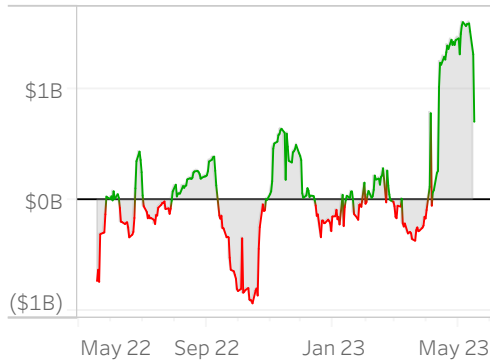
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLU	Utilities Select Sector SPDR Fund	\$389M	\$1,047M	\$689M	\$1,609M	\$16,496M
XLC	Communication Services Select Sector SPDR Fu..	\$110M	\$1,528M	\$1,503M	\$1,950M	\$11,701M
SOXX	iShares Semiconductor ETF	\$104M	\$388M	\$266M	(\$91M)	\$7,551M
XLK	Technology Select Sector SPDR Fund	\$68M	(\$1,387M)	(\$2,581M)	(\$1,569M)	\$43,626M
XLV	Consumer Discretionary Select Sector SPDR Fu..	\$52M	\$139M	(\$280M)	(\$836M)	\$14,453M
IGV	iShares Expanded Tech-Software Sector ETF	\$45M	(\$283M)	(\$73M)	\$644M	\$5,163M
KBE	SPDR S&P Bank ETF	\$35M	\$44M	(\$422M)	(\$732M)	\$1,218M
XLRE	Real Estate Select Sector SPDR Fund	\$32M	(\$533M)	(\$585M)	(\$464M)	\$4,389M
RHS	Invesco S&P 500 Equal Weight Consumer Stapl..	\$28M	\$392M	\$450M	\$540M	\$1,159M
IYW	iShares U.S. Technology ETF	\$24M	\$739M	\$778M	\$2,546M	\$10,853M

## U.S. Sector & Industry Flow Laggards

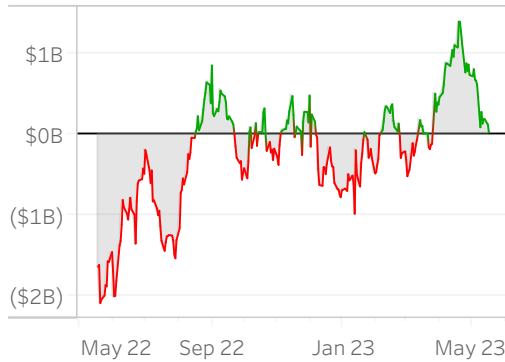
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$458M)	(\$1,224M)	(\$856M)	(\$2,993M)	\$28,969M
XLE	Energy Select Sector SPDR Fund	(\$122M)	(\$1,795M)	(\$2,788M)	(\$2,970M)	\$34,965M
XLB	Materials Select Sector SPDR Fund	(\$117M)	(\$372M)	\$71M	(\$1,097M)	\$5,471M
XLV	Health Care Select Sector SPDR Fund	(\$106M)	(\$170M)	(\$115M)	\$2,462M	\$40,171M
VDE	Vanguard Energy ETF	(\$101M)	(\$333M)	(\$495M)	(\$706M)	\$7,177M
XME	SPDR S&P Metals & Mining ETF	(\$100M)	(\$453M)	(\$72M)	(\$556M)	\$1,766M
XBI	SPDR S&P BIOTECH ETF	(\$89M)	(\$1,023M)	(\$1,532M)	(\$390M)	\$6,929M
XLI	Industrial Select Sector SPDR Fund	(\$74M)	(\$670M)	(\$747M)	(\$1,186M)	\$13,073M
RYT	Invesco S&P 500 Equal Weight Technology ETF	(\$55M)	\$346M	\$629M	\$341M	\$2,774M
FDN	First Trust Dow Jones Internet Index Fund	(\$50M)	(\$266M)	(\$597M)	(\$683M)	\$3,886M

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

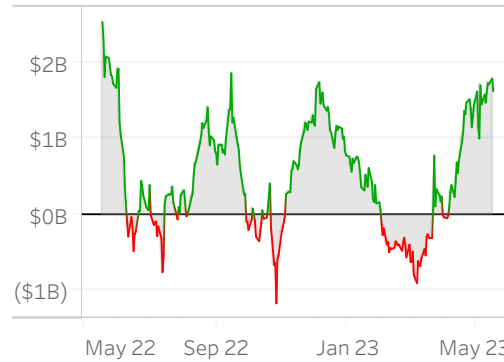
Communication Services



Consumer Discretionary



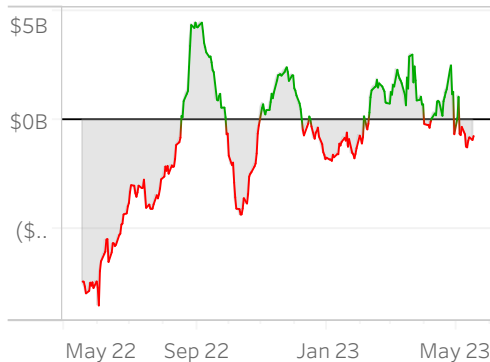
Consumer Staples



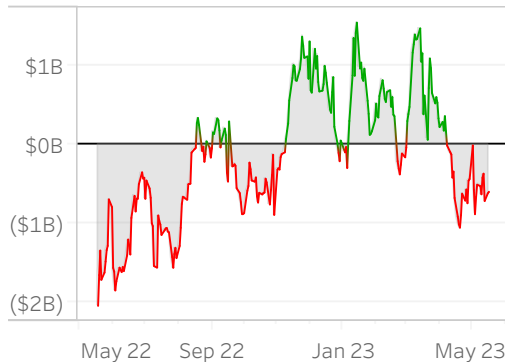
Energy



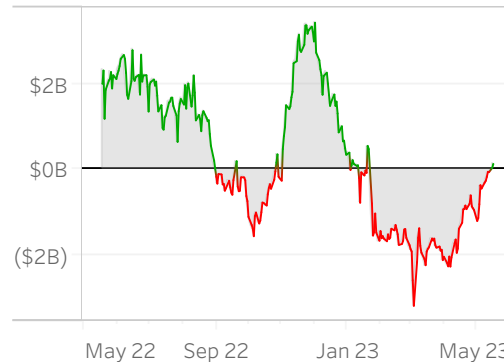
Financials



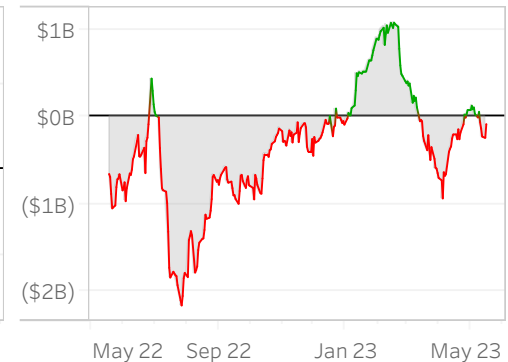
Industrial



Health Care



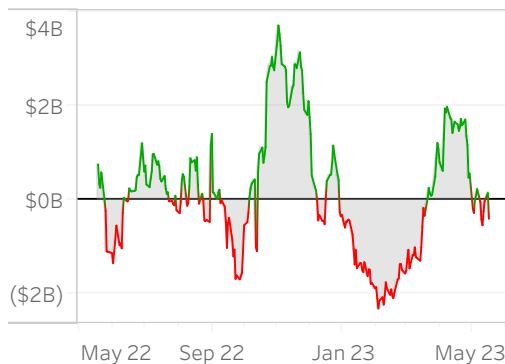
Materials



Real Estate



Technology



Utilities

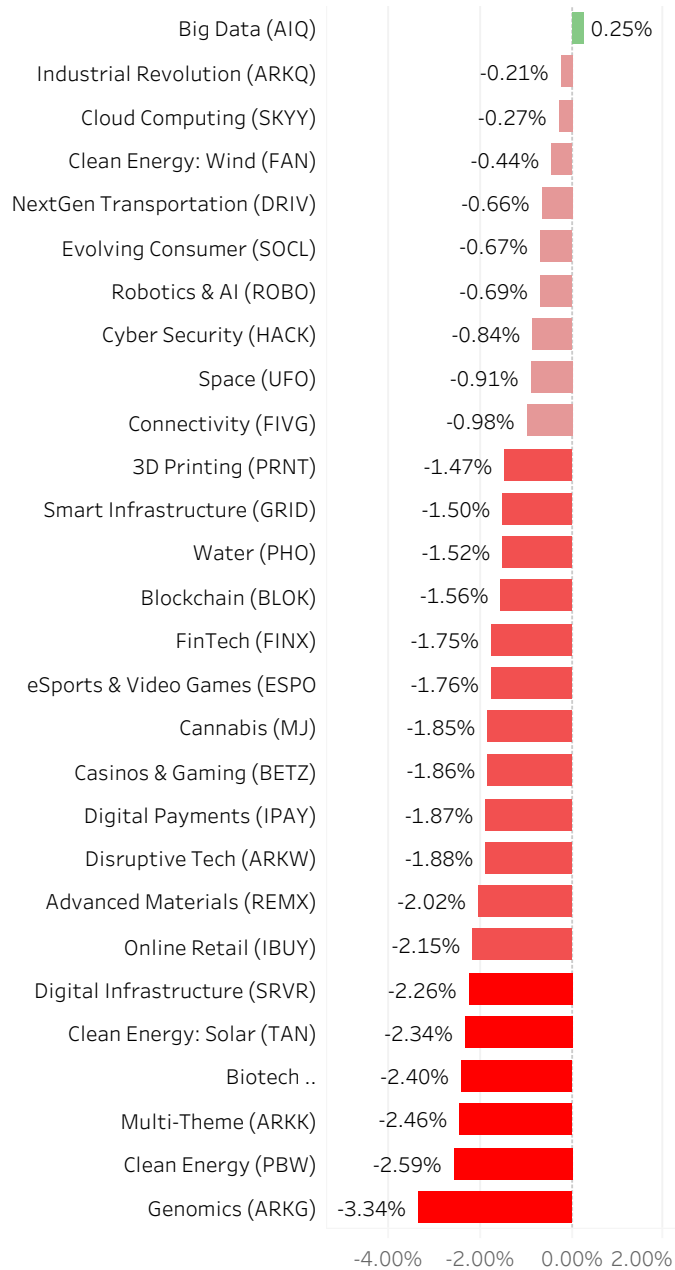


Multi-Sector

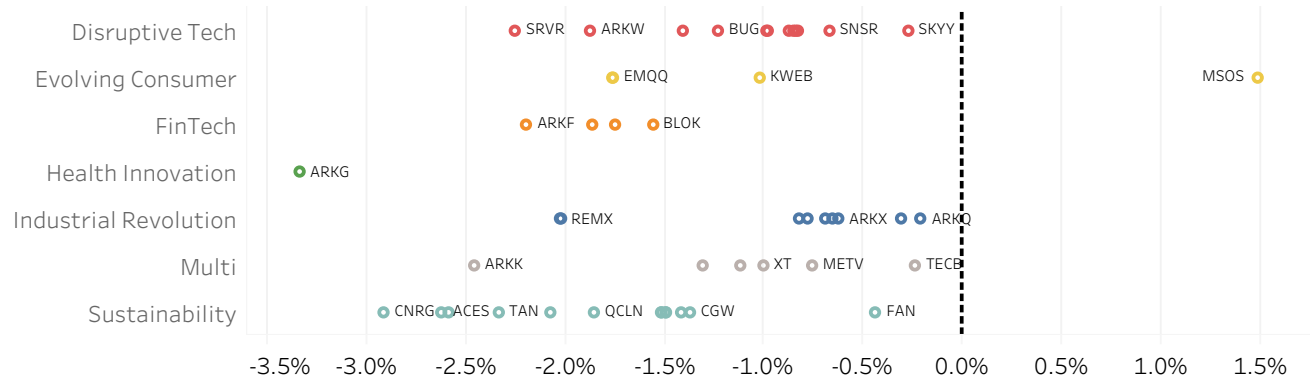


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## Global Thematic Segment 1-Day Performance



## Global Thematic 1-Day Performance Landscape



## Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
BITQ	Bitwise Crypto Industry Innovators ETF	1.97%
MSOS	AdvisorShares Pure US Cannabis ETF	1.49%
BKCH	Global X Blockchain ETF	1.08%
MJUS	ETFMG U.S. Alternative Harvest ETF	0.36%
AIQ	Global X Artificial Intelligence & Technology ETF	0.25%
QTUM	Defiance Quantum ETF	0.21%
TIME	Clockwise Capital Innovation ETF	-0.05%
ARKQ	ARK Autonomous Technology & Robotics ETF	-0.21%
TECB	iShares U.S. Tech Breakthrough Multisector ETF	-0.24%
SKYY	First Trust Cloud Computing ETF	-0.27%

## Thematic Most Overbought

Ticker	Fund	Price
TIME	Clockwise Capital Innovation ETF	61.83
BOTZ	Global X Robotics & Artificial Intelligence ETF	61.33
REMX	VanEck Rare Earth/Strategic Metals ETF	59.31
SKYY	First Trust Cloud Computing ETF	58.85
TECB	iShares U.S. Tech Breakthrough Multisector ETF	58.72
SBIO	ALPS Medical Breakthroughs ETF	58.57
AIQ	Global X Artificial Intelligence & Technology ETF	58.51
QTUM	Defiance Quantum ETF	57.63
IZRL	ARK Israel Innovative Technology ETF	57.43
EVX	VanEck Environmental Services ETF	57.27

## Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
ARKG	ARK Genomic Revolution ETF	-3.34%
GNOM	Global X Genomics & Biotechnology ETF	-3.06%
CNRG	SPDR S&P Kensho Clean Power ETF	-2.92%
ONLN	ProShares Online Retail ETF	-2.84%
IDNA	iShares Genomics Immunology and Healthcare ETF	-2.65%
ACES	ALPS Clean Energy ETF	-2.63%
PBW	Invesco WilderHill Clean Energy ETF	-2.59%
BTEC	Principal Healthcare Innovators ETF	-2.56%
ARKK	ARK Innovation ETF	-2.46%
SBIO	ALPS Medical Breakthroughs ETF	-2.40%

## Thematic Most Oversold

Ticker	Fund	Price
SRVR	Pacer Data & Infrastructure Real Estate ETF	36.97
AWAY	ETFMG Travel Tech ETF	38.66
MJ	ETFMG Alternative Harvest	40.81
PRNT	3D Printing ETF	42.80
FIVG	Defiance Next Gen Connectivity ETF	43.15
EDOC	Global X Telemedicine & Digital Health ETF Registered	43.35
MILN	Global X Millennial Consumer ETF	43.41
MJUS	ETFMG U.S. Alternative Harvest ETF	43.59
BJK	VanEck Gaming ETF	43.76
HTEC	ROBO Global Healthcare Technology and Innovation ETF	43.79

\* 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
ARKG	ARK Genomic Revolution ETF	\$46M
ARKK	ARK Innovation ETF	\$42M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$9M
AIQ	Global X Artificial Intelligence & Technology ETF	\$8M
BUG	Global X Cybersecurity ETF	\$6M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$5M
ARKF	ARK Fintech Innovation ETF	\$5M
FIW	First Trust Water ETF	\$4M
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	\$4M
IHAK	iShares Cybersecurity & Tech ETF	\$3M

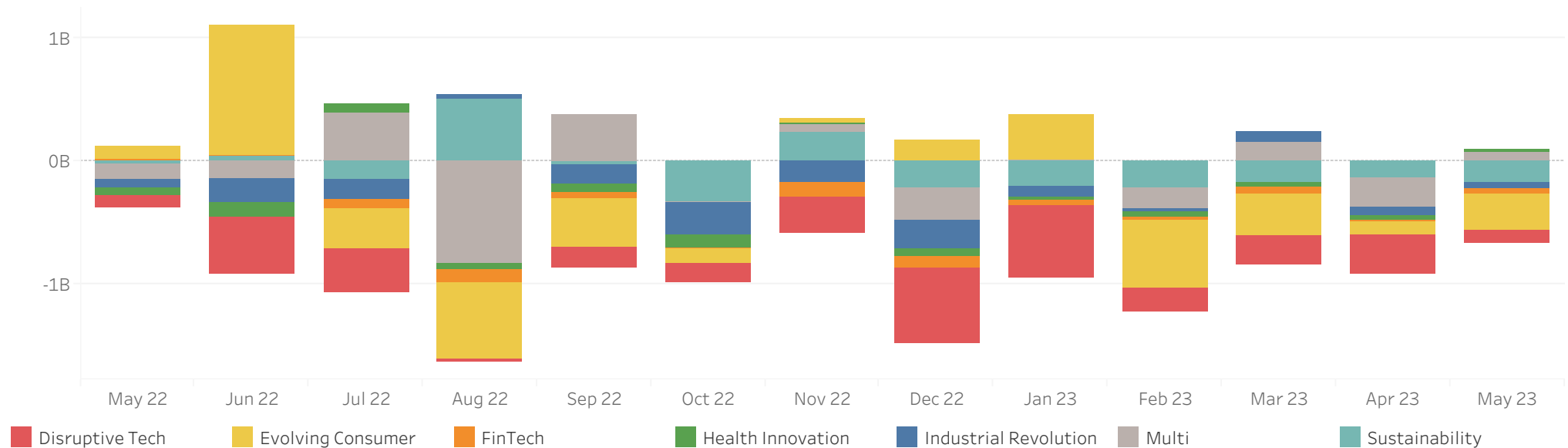
## Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	(\$28M)
REMX	VanEck Rare Earth/Strategic Metals ETF	(\$25M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$24M)
TAN	Invesco Solar ETF	(\$17M)
KEMQ	KraneShares Emerging Markets Consumer Technology Index ETF	(\$16M)
PBW	Invesco WilderHill Clean Energy ETF	(\$14M)
ICLN	iShares Global Clean Energy ETF	(\$13M)
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	(\$12M)
ARKW	ARK Next Generation Internet ETF	(\$10M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$9M)

## Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$15B	(\$39M)	(\$715M)	(\$2,163M)	(\$3,588M)
Evolving Consumer	43	\$8B	(\$58M)	(\$978M)	(\$758M)	(\$1,036M)
FinTech	18	\$3B	\$0M	(\$152M)	(\$312M)	(\$606M)
Health Innovation	18	\$3B	\$47M	(\$58M)	(\$256M)	(\$518M)
Industrial Revolution	31	\$11B	(\$21M)	(\$81M)	(\$461M)	(\$1,378M)
Multi	40	\$14B	\$31M	(\$14M)	(\$809M)	(\$680M)
Sustainability	40	\$16B	(\$98M)	(\$533M)	(\$914M)	(\$834M)
Grand Total	224	\$70B	(\$139M)	(\$2,531M)	(\$5,674M)	(\$8,640M)

## Thematic Monthly Flows

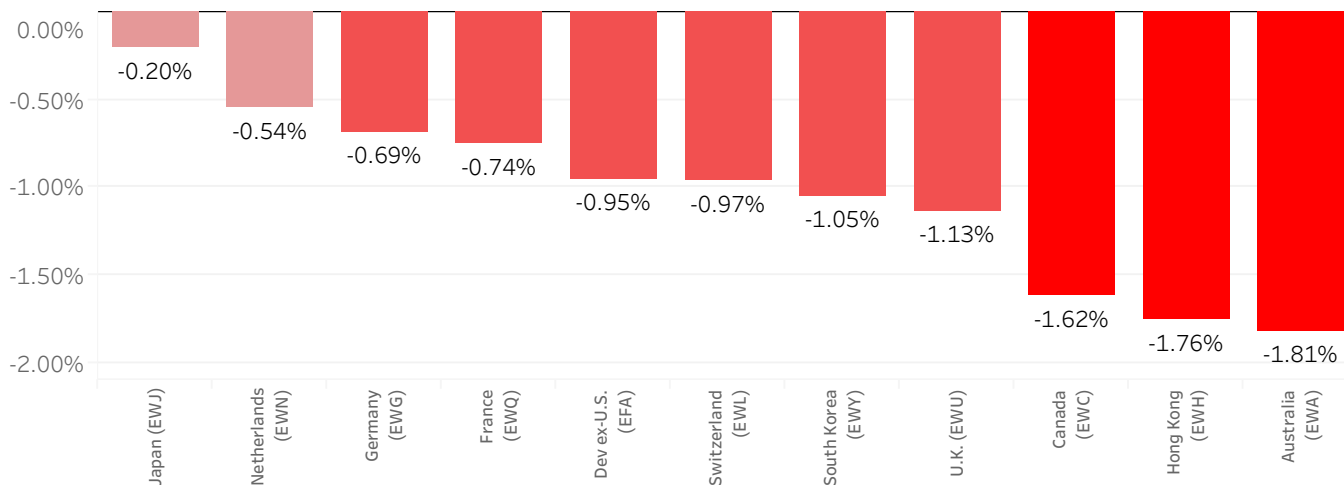


\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day

Developed ex-U.S. (EFA)



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



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



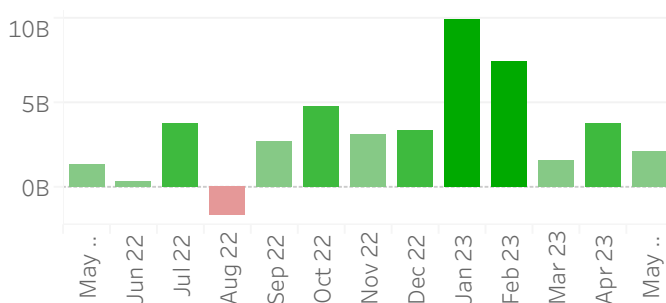
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	Performance
GREK	Global X MSCI Greece ETF	1.25%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	0.02%
HEWJ	iShares Currency Hedged MSCI Japan ETF	-0.03%
SCJ	iShares MSCI Japan Small-Cap ETF	-0.11%
JPXN	iShares JPX-Nikkei 400 ETF	-0.12%
EIS	iShares MSCI Israel ETF	-0.17%
EWJ	iShares MSCI Japan ETF	-0.20%
ENZL	iShares MSCI New Zealand ETF	-0.20%
BBJP	JPMorgan BetaBuilders Japan ETF	-0.20%
FLJP	Franklin FTSE Japan ETF	-0.29%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	68.98
HEWJ	iShares Currency Hedged MSCI Japan ETF	68.36
BBJP	JPMorgan BetaBuilders Japan ETF	66.26
JPXN	iShares JPX-Nikkei 400 ETF	65.62
EWJ	iShares MSCI Japan ETF	65.24
SCJ	iShares MSCI Japan Small-Cap ETF	64.92
FLJP	Franklin FTSE Japan ETF	64.90
DXJ	WisdomTree Japan Hedged Equity Fund	63.75
EWJV	iShares MSCI Japan Value ETF	62.68
DFJ	WisdomTree Japan SmallCap Dividend Fund	60.07

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	Performance
EWS	iShares MSCI Singapore ETF	-2.32%
NORW	Global X MSCI Norway ETF	-2.09%
EWD	iShares MSCI Sweden ETF	-2.08%
EPP	iShares MSCI Pacific ex-Japan ETF	-1.95%
EWA	iShares MSCI Australia ETF	-1.81%
EWH	iShares MSCI Hong Kong ETF	-1.76%
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Japan E..	-1.76%
BBCA	JPMorgan BetaBuilders Canada ETF	-1.67%
EWC	iShares MSCI Canada ETF	-1.62%
ICOW	Pacer Developed Markets International Cash Cows 100 ETF	-1.59%

Developed ex-U.S. Most Oversold

Ticker	Fund	Value
EWS	iShares MSCI Singapore ETF	40.71
IDV	iShares International Select Dividend ETF	40.92
EWO	iShares MSCI Austria ETF	41.17
IMOM	Alpha Architect International Quantitative Moment..	41.30
FYLD	Cambria Foreign Shareholder Yield ETF	41.54
ICOW	Pacer Developed Markets International Cash Cows 1..	41.54
DTH	WisdomTree International High Dividend Fund	42.04
EWH	iShares MSCI Hong Kong ETF	42.06
EPP	iShares MSCI Pacific ex-Japan ETF	42.29
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Ja..	42.43

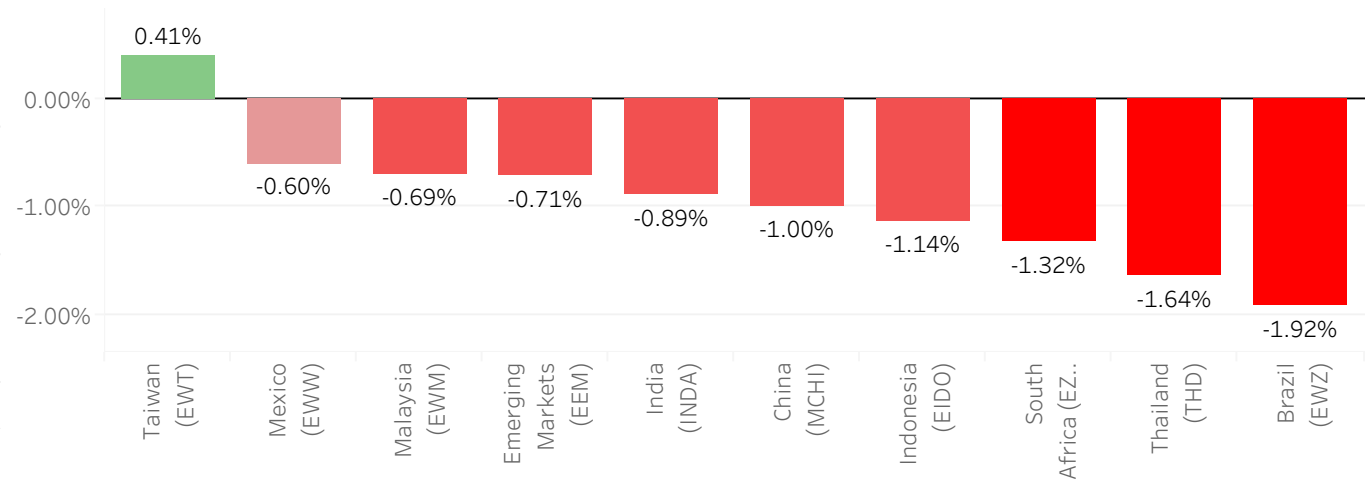
\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



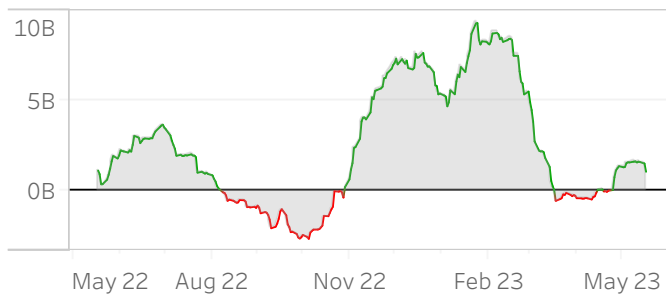
Emerging (EEM)



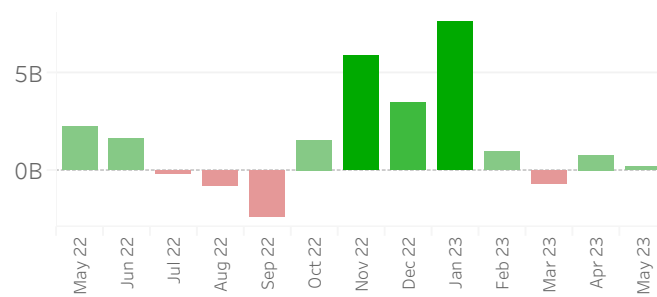
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
TUR	iShares MSCI Turkey ETF	2.12%
EWT	iShares MSCI Taiwan ETF	0.41%
EPHE	iShares MSCI Philippines ETF	0.23%
FLTW	Franklin FTSE Taiwan ETF	0.19%
EPOL	iShares MSCI Poland ETF	0.17%
SMIN	iShares MSCI India Small Cap ETF	0.08%
GLIN	VanEck India Growth Leaders ETF	-0.09%
KSA	iShares MSCI Saudi Arabia ETF	-0.17%
FLN	First Trust Latin America AlphaDEX Fund	-0.19%
ECNS	iShares MSCI China Small-Cap ETF	-0.31%

Emerging Most Overbought

Ticker	Fund	Value
SMIN	iShares MSCI India Small Cap ETF	74.47
GLIN	VanEck India Growth Leaders ETF	65.09
EWW	iShares MSCI Mexico ETF	64.40
EPOL	iShares MSCI Poland ETF	63.53
VNM	VanEck Vietnam ETF	63.35
FLLA	Franklin FTSE Latin America ETF	62.78
FLN	First Trust Latin America AlphaDEX Fund	62.70
ILF	iShares Latin America 40 ETF	61.94
FLBR	Franklin FTSE Brazil ETF	61.32
EWZS	iShares MSCI Brazil Small-Cap ETF	61.23

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
EWZS	iShares MSCI Brazil Small-Cap ETF	-3.09%
EWZ	iShares MSCI Brazil ETF	-1.92%
ECH	iShares MSCI Chile ETF	-1.88%
FLBR	Franklin FTSE Brazil ETF	-1.74%
THD	iShares MSCI Thailand ETF	-1.64%
NUEM	Nuveen ESG Emerging Markets Equity ETF	-1.58%
ILF	iShares Latin America 40 ETF	-1.51%
CNYA	iShares MSCI China A ETF	-1.47%
FLLA	Franklin FTSE Latin America ETF	-1.40%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-1.35%

Emerging Most Oversold

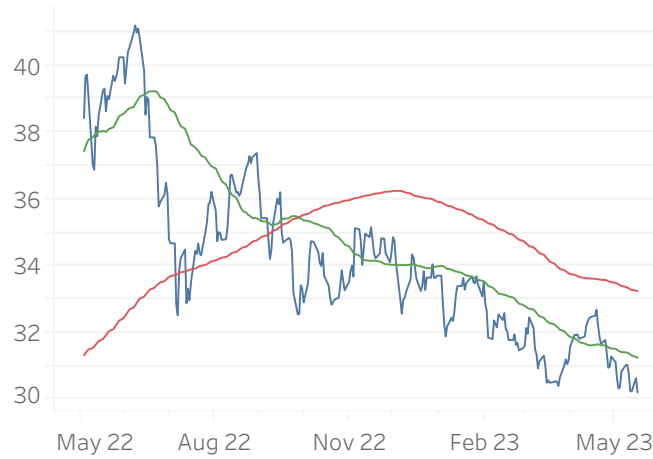
Ticker	Fund	Value
EWM	iShares MSCI Malaysia ETF	34.41
KWT	iShares MSCI Kuwait ETF	34.58
EZA	iShares MSCI South Africa ETF	36.29
FEMS	First Trust Emerging Markets Small Cap AlphaDEX F..	38.38
RAYC	Rayliant Quantamental China Equity ETF	40.25
FEM	First Trust Emerging Markets AlphaDEX Fund	40.92
CNYA	iShares MSCI China A ETF	41.22
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	42.04
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	42.06
TUR	iShares MSCI Turkey ETF	42.17

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

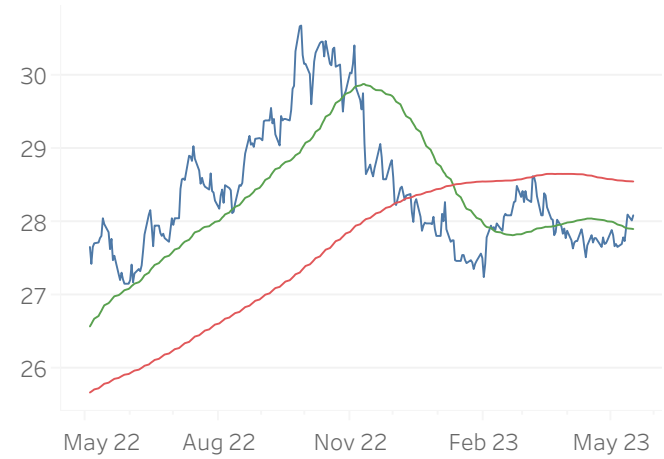
Fixed Income (AGG)



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	-0.23%	-0.24%	2.99%
SHY	1-3 Year Treasury Bonds	-0.12%	0.33%	1.97%
IEF	7-10 Year Treasury Bonds	-0.32%	0.25%	4.18%
TLT	20+ Year Treasury Bonds	-0.30%	-1.84%	4.39%
TIP	TIPS Bonds	-0.27%	-0.27%	3.03%
FLOT	Floating Rate Bonds	0.00%	0.66%	2.12%
LQD	Investment Grade Corporate	-0.50%	-1.66%	3.02%
HYG	High Yield Corporate	-0.70%	-1.43%	2.34%
BKLN	Senior Loan	-0.43%	-0.27%	3.69%
PFF	Preferred & Income Securities	-0.94%	-5.64%	-1.38%
MUB	Municipal Bonds	0.07%	-0.62%	2.33%
MBB	MBS	-0.21%	-0.08%	2.53%
EMB	Dollar Denominated EM Bonds	-0.39%	-1.20%	1.54%
LEMB	Local Currency EM Bond	-0.01%	2.54%	6.41%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-1.41%	-6.96%	-10.38%
DBE	Energy	-0.77%	-10.76%	-15.09%
USO	WTI Crude Oil	-0.71%	-13.25%	-10.80%
BNO	Brent Crude Oil	-0.95%	-13.10%	-11.32%
UNG	Natural Gas	-1.15%	2.54%	-51.35%
UGA	Gasoline	0.33%	-10.95%	-4.43%
DBP	Precious Metals	-1.30%	-1.88%	6.72%
GLD	Gold	-1.25%	-0.80%	8.98%
SLV	Silver	-1.31%	-6.44%	-0.95%
PPLT	abrdn Physical Platin..	-0.23%	1.97%	-0.87%
PALL	abrdn Physical Palla..	-2.10%	-0.86%	-16.41%
DBB	Base Metals	-1.35%	-8.65%	-6.12%
CPER	Copper	-2.17%	-10.50%	-2.56%
LD	Lead	-1.57%	-5.51%	-10.96%
JJN	Nickel	-3.29%	-13.93%	-29.50%
JJU	Aluminum	-0.17%	-5.24%	-6.45%
JJT	Tin	-2.56%	-1.48%	-0.85%
DBA	Agriculture	-0.71%	0.14%	3.92%
CORN	Corn	-1.99%	-9.96%	-16.04%
SOYB	Soybeans	-1.79%	-6.34%	-11.34%
WEAT	Wheat	-2.26%	-6.62%	-18.67%
CANE	Sugar	-0.94%	11.14%	44.49%
BAL	Cotton	0.92%	0.70%	0.88%
NIB	Cocoa	0.47%	4.13%	21.12%
JO	Coffee	-1.16%	-3.02%	14.41%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.25%	1.48%	1.01%
UDN	Short Dollar	-0.27%	-0.90%	1.68%
FXE	Euro	-0.08%	-1.14%	1.85%
FXB	British Pound Sterling	-0.38%	0.79%	4.23%
FXF	Swiss Franc	-0.17%	-0.34%	2.96%
FXJ	Japanese Yen	-0.20%	-1.94%	-3.92%
FXC	Canadian Dollar	-0.10%	-0.65%	1.15%
FXA	Australian Dollar	-0.72%	-0.69%	-1.98%

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