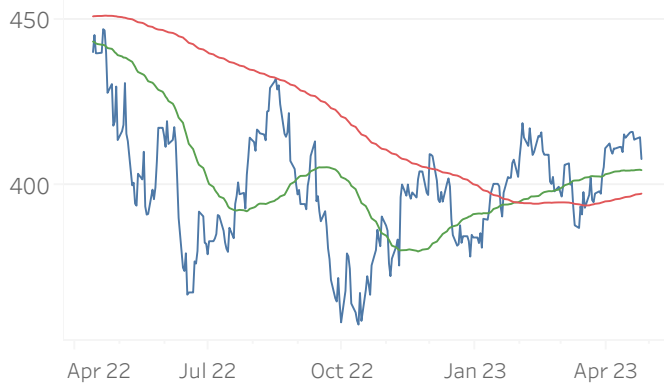


Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

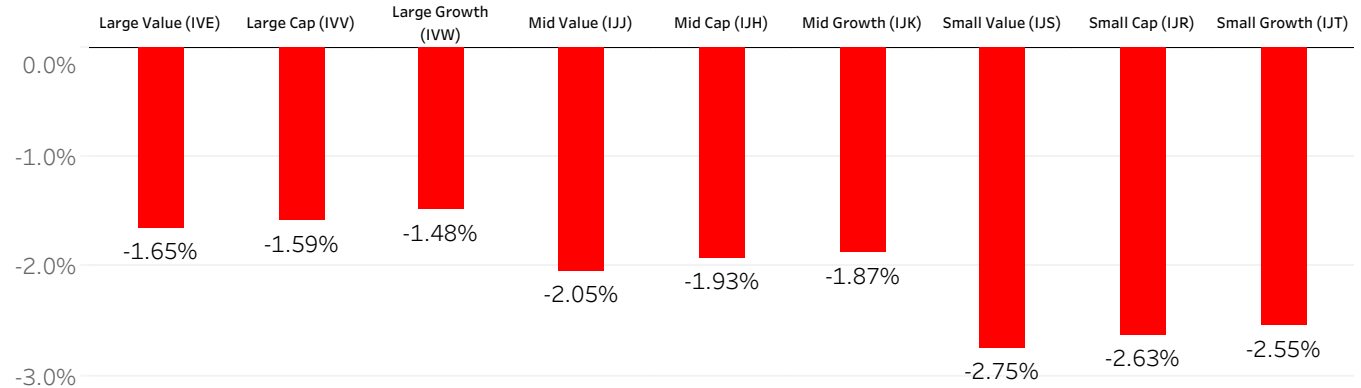


Small Cap Blend (S&P 600) IJR



■ 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
XRLV	Invesco S&P 500 ex-Rate Sensitive Low Volatility ETF	0.11%
SPLV	Invesco S&P 500 Low Volatility ETF	0.02%
SPC	CrossingBridge Pre-Merger SPAC ETF	-0.02%
HUSV	First Trust Horizon Managed Volatility Domestic ETF	-0.03%
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	-0.23%
LVHD	Franklin U.S. Low Volatility High Dividend Index ETF	-0.24%
ABEQ	Absolute Select Value ETF	-0.36%
RPHS	Regents Park Hedged Market Strategy ETF	-0.47%
DURA	VanEck Durable High Dividend ETF	-0.53%
AUSF	Global X Adaptive U.S. Factor ETF	-0.54%

Size & Style Most Overbought

Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	70.35
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	67.28
HUSV	First Trust Horizon Managed Volatility Domestic ETF	66.74
CGDV	Capital Group Dividend Value ETF	66.55
VIG	Vanguard Dividend Appreciation ETF	65.45
FDLO	Fidelity Low Volatility Factor ETF	64.92
XRLV	Invesco S&P 500 ex-Rate Sensitive Low Volatility ETF	64.65
SPHQ	Invesco S&P 500 Quality ETF	64.41
SPLV	Invesco S&P 500 Low Volatility ETF	64.36
QLV	FlexShares US Quality Low Volatility Index Fund	64.28

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
FCTR	First Trust Lunt U.S. Factor Rotation ETF	-5.15%
JSML	Janus Henderson Small Cap Growth Alpha ETF	-3.53%
SPHB	Invesco S&P 500 High Beta ETF	-3.16%
ALTL	Pacer Lunt Large Cap Alternator ETF	-3.13%
LCG	Sterling Capital Focus Equity ETF	-3.12%
XSVM	Invesco S&P SmallCap Value with Momentum ETF	-3.08%
DWAS	Invesco DWA SmallCap Momentum ETF	-3.08%
FYT	First Trust Small Cap Value AlphaDEX Fund	-3.08%
CALF	Pacer US Small Cap Cash Cows 100 ETF	-3.07%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	-3.04%

Size & Style Most Oversold

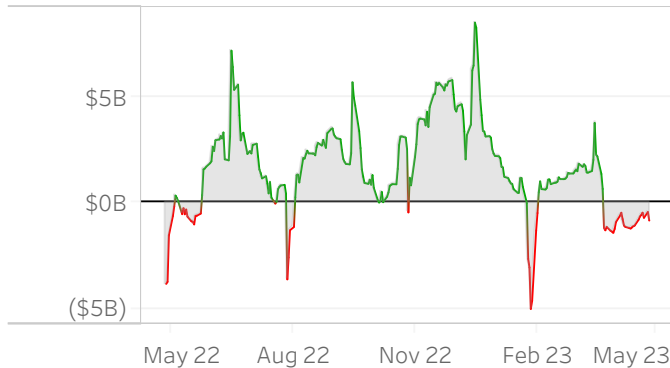
Ticker	Fund	Price
FDM	First Trust Dow Jones Select MicroCap Index Fund	39.50
XSLV	Invesco S&P SmallCap Low Volatility ETF	39.52
AIEQ	AI Powered Equity ETF	39.82
SVAL	iShares US Small Cap Value Factor ETF	40.72
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	41.37
RDIV	Invesco S&P Ultra Dividend Revenue ETF	43.80
XMVM	Invesco S&P MidCap Value with Momentum ETF	43.86
SMDV	ProShares Russell 2000 Dividend Growers ETF	44.04
BUZZ	VanEck Social Sentiment ETF	44.18
CSML	IQ Chaikin U.S. Small Cap ETF	44.18

*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	25	\$1,287B	\$3.82B	\$2.95B	(\$3.24B)	\$64.77B
Large Cap, Beta, Beta: Growth	10	\$245B	\$0.47B	\$2.94B	\$9.14B	\$22.66B
Large Cap, Beta, Beta: Value	11	\$221B	\$0.01B	(\$2.74B)	(\$3.98B)	\$3.66B
Mid Cap, Beta, Beta	10	\$184B	\$0.17B	\$1.23B	\$4.86B	\$11.09B
Mid Cap, Beta, Beta: Growth	6	\$33B	(\$0.04B)	\$0.12B	(\$0.09B)	\$1.09B
Mid Cap, Beta, Beta: Value	6	\$39B	(\$0.03B)	(\$0.54B)	(\$0.54B)	\$0.96B
Small Cap, Beta, Beta	13	\$189B	\$1.60B	\$1.05B	\$4.28B	\$2.92B
Small Cap, Beta, Beta: Growth	7	\$32B	(\$0.03B)	(\$0.07B)	\$0.36B	\$1.51B
Small Cap, Beta, Beta: Value	7	\$48B	(\$0.06B)	(\$0.51B)	\$0.53B	(\$0.27B)

U.S. Size & Style Flow Leaders

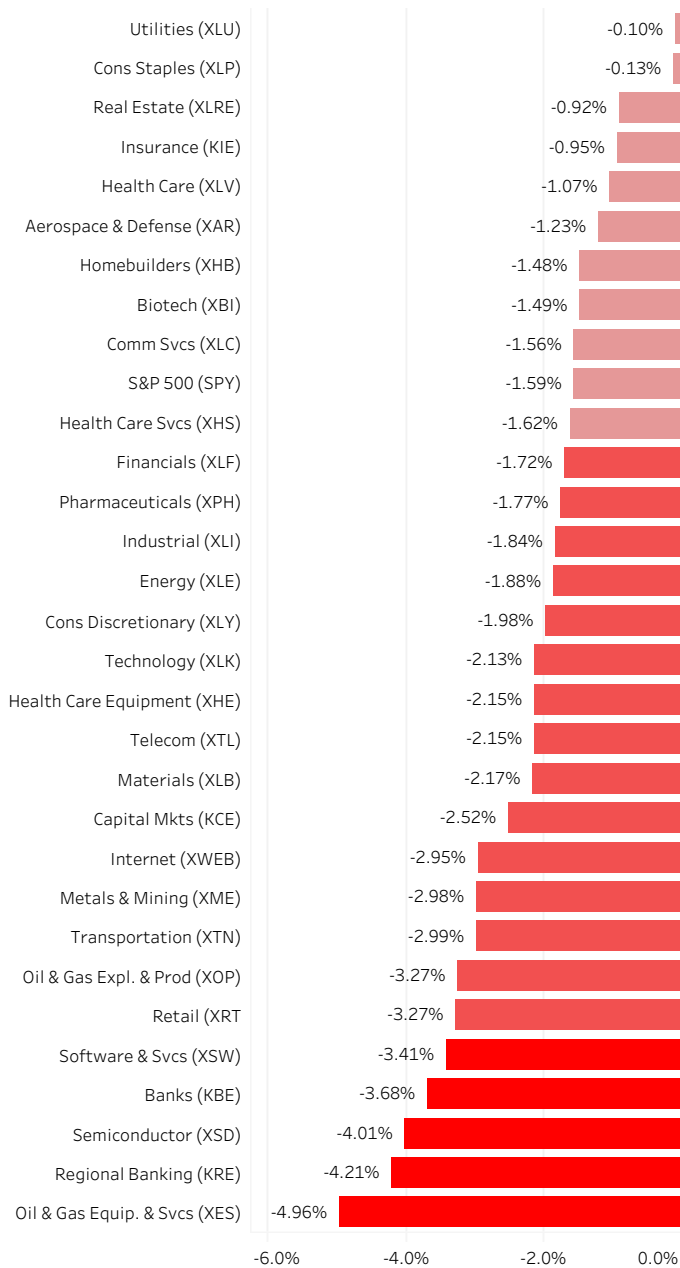
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$3.85B	(\$5.12B)	(\$6.53B)	\$4.47B	\$381.40B
IWM	iShares Russell 2000 ETF	\$1.16B	(\$0.43B)	(\$0.42B)	(\$1.66B)	\$50.62B
VOO	Vanguard S&P 500 ETF	\$0.57B	\$6.55B	\$7.80B	\$32.82B	\$290.21B
SPSM	SPDR Portfolio S&P 600 Small Cap ETF	\$0.37B	\$0.61B	\$1.00B	\$1.26B	\$5.31B
IJR	iShares Core S&P Small Cap ETF	\$0.32B	\$0.38B	\$1.76B	\$2.76B	\$65.73B
DFAC	Dimensional U.S. Core Equity 2 ETF	\$0.28B	\$1.32B	\$2.59B	\$4.27B	\$18.73B
XLG	Invesco S&P 500 Top 50 ETF	\$0.23B	\$0.15B	\$0.04B	\$0.05B	\$2.15B
SPYG	SPDR Portfolio S&P 500 Growth ETF	\$0.20B	\$1.00B	\$2.66B	\$4.22B	\$16.30B
IVW	iShares S&P 500 Growth ETF	\$0.18B	(\$0.31B)	\$0.23B	\$0.17B	\$30.34B
USMC	Principal U.S. Mega-Cap ETF	\$0.15B	\$0.16B	\$0.15B	(\$0.20B)	\$1.33B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	(\$0.61B)	\$1.40B	(\$4.00B)	(\$0.11B)	\$168.77B
ESGU	iShares ESG Aware MSCI USA ETF	(\$0.40B)	(\$6.38B)	(\$7.52B)	(\$9.09B)	\$13.53B
SCHX	Schwab U.S. Large-Cap ETF	(\$0.33B)	(\$0.58B)	(\$0.44B)	(\$0.15B)	\$31.00B
IWF	iShares Russell 1000 Growth ETF	(\$0.15B)	(\$1.34B)	(\$1.91B)	\$1.27B	\$62.78B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.14B)	(\$2.04B)	(\$1.79B)	(\$0.52B)	\$9.91B
VLUE	iShares MSCI USA Value Factor ETF	(\$0.12B)	(\$0.50B)	(\$1.01B)	(\$4.46B)	\$6.81B
VTI	Vanguard Total Stock Market ETF	(\$0.12B)	\$2.01B	\$7.67B	\$19.66B	\$283.70B
IWD	iShares Russell 1000 Value ETF	(\$0.12B)	(\$2.02B)	(\$3.79B)	(\$2.65B)	\$50.46B
VIOO	Vanguard S&P Small-Cap 600 ETF	(\$0.11B)	(\$0.03B)	\$0.05B	\$0.34B	\$2.11B
VTV	Vanguard Value ETF	(\$0.10B)	\$2.22B	(\$1.23B)	\$4.31B	\$102.51B

* 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)
XLP	Consumer Staples Select Sector SPDR Fund	-0.54%	15.61%	4.39%	4.80%	73.10
XLI	Industrial Select Sector SPDR Fund	-2.72%	21.74%	0.78%	4.18%	56.57
XLK	Technology Select Sector SPDR Fund	-2.94%	26.21%	2.47%	8.97%	51.20
XLV	Health Care Select Sector SPDR Fund	-3.60%	12.64%	4.01%	3.06%	65.05
SPY	SPDR S&P 500 ETF Trust	-3.97%	15.73%	2.52%	4.33%	60.32
XLC	Communication Services Select Sector SPDR Fund	-5.43%	26.91%	2.90%	8.67%	51.65
XLB	Materials Select Sector SPDR Fund	-7.80%	20.69%	1.44%	3.89%	56.07
XLE	Energy Select Sector SPDR Fund	-8.29%	27.84%	2.84%	2.98%	56.34
XLF	Financial Select Sector SPDR Fund	-10.43%	9.41%	-0.85%	-2.29%	55.59
XLU	Utilities Select Sector SPDR Fund	-10.43%	13.74%	4.00%	0.38%	62.88
XLY	Consumer Discretionary Select Sector SPDR Fund	-14.81%	16.70%	1.51%	0.57%	55.03
XLRE	Real Estate Select Sector SPDR Fund	-18.93%	9.80%	-0.83%	-4.47%	49.60

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
IYK	iShares U.S. Consumer Staples ETF	0.28%
FTXG	First Trust Nasdaq Food & Beverage ETF	0.04%
RYU	Invesco S&P 500 Equal Weight Utilities ETF	0.01%
RHS	Invesco S&P 500 Equal Weight Consumer Staples ..	-0.05%
IDU	iShares U.S. Utilities ETF	-0.06%
XLU	Utilities Select Sector SPDR Fund	-0.10%
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER ST..	-0.11%
VDC	Vanguard Consumer Staples ETF	-0.11%
XLP	Consumer Staples Select Sector SPDR Fund	-0.13%
FUTY	Fidelity MSCI Utilities Index ETF	-0.13%

Sector & Industry Most Overbought

Ticker	Fund	1 Day Performance
ITB	iShares U.S. Home Construction ETF	73.92
VDC	Vanguard Consumer Staples ETF	73.21
XLP	Consumer Staples Select Sector SPDR Fund	73.10
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPLES..	72.13
IHI	iShares U.S. Medical Devices ETF	71.58
PSL	Invesco DWA Consumer Staples Momentum ETF	69.33
IYK	iShares U.S. Consumer Staples ETF	69.06
PTH	Invesco DWA Healthcare Momentum ETF	68.84
PKB	Invesco Dynamic Building & Construction ETF	68.22
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	67.89

Sector & Industry 1 Day Performance Laggards

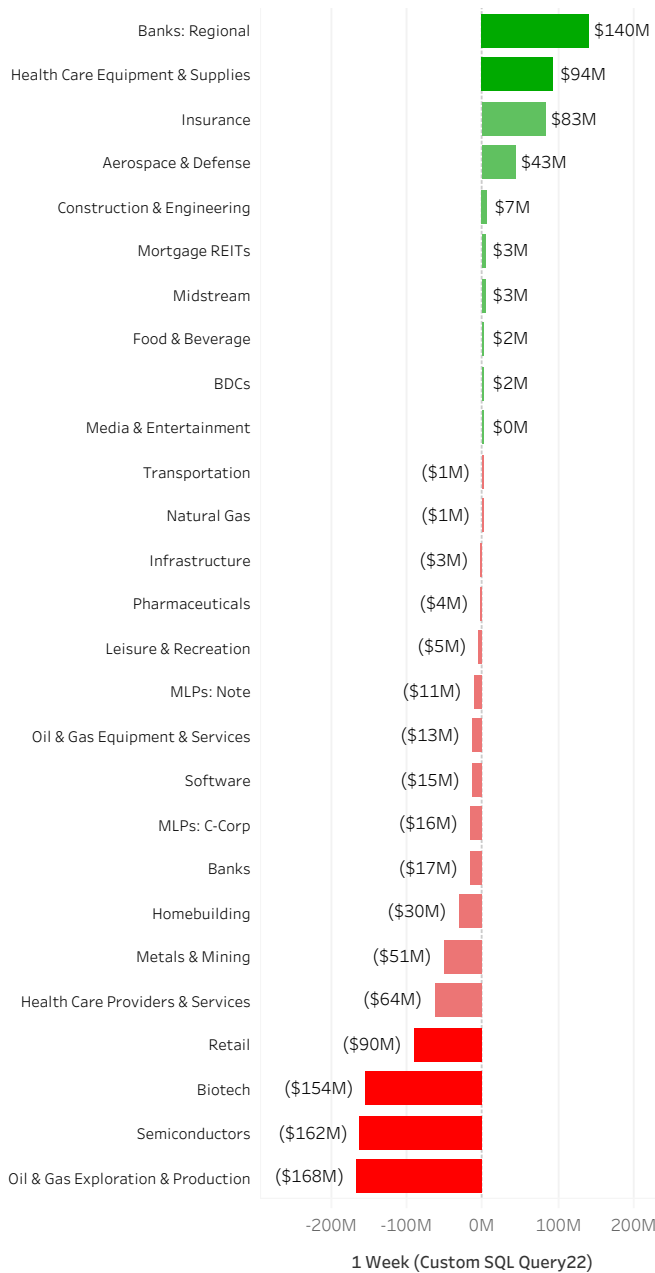
Ticker	Fund	1 Day Performance
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-4.96%
PSCE	Invesco S&P SmallCap Energy ETF	-4.54%
PXJ	Invesco Dynamic Oil & Gas Services ETF	-4.52%
IYT	iShares US Transportation ETF	-4.25%
KRE	SPDR S&P Regional Banking ETF	-4.21%
KBWR	Invesco KBW Regional Banking ETF	-4.08%
XSD	SPDR S&P Semiconductor ETF	-4.01%
IEZ	iShares U.S. Oil Equipment & Services ETF	-3.91%
QABA	First Trust NASDAQ ABA Community Bank Index Fund	-3.90%
PXI	Invesco DWA Energy Momentum ETF	-3.70%

Sector & Industry Most Oversold

Ticker	Fund	1 Day Performance
IGN	iShares North American Tech-Multimedia Networking ETF	34.06
XTL	SPDR S&P Telecom ETF	34.25
IYZ	iShares U.S. Telecommunications ETF	35.19
KBWY	Invesco KBW Premium Yield Equity REIT ETF	35.48
QABA	First Trust NASDAQ ABA Community Bank Index Fund	36.23
PSCT	Invesco S&P SmallCap Information Technology ETF	37.81
XSD	SPDR S&P Semiconductor ETF	38.93
KBWR	Invesco KBW Regional Banking ETF	39.24
IAT	iShares U.S. Regional Banks ETF	39.44
KRE	SPDR S&P Regional Banking ETF	39.92

* 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	\$15B	(\$6M)	\$1,119M	\$1,235M	\$940M
Consumer Discretionary	12	\$23B	(\$252M)	\$926M	\$357M	(\$1,829M)
Consumer Staples	10	\$32B	\$36M	\$707M	\$2,686M	\$4,038M
Energy	32	\$73B	(\$962M)	(\$5,108M)	(\$6,005M)	(\$8,862M)
Financials	26	\$56B	\$561M	\$2,737M	\$1,608M	(\$7,069M)
Health Care	23	\$93B	(\$133M)	(\$2,972M)	(\$1,379M)	\$2,193M
Industrial	13	\$32B	\$127M	\$428M	\$1,917M	(\$1,319M)
Materials	9	\$15B	\$43M	\$68M	\$628M	(\$3,173M)
Multi-Sector	19	\$14B	(\$52M)	\$275M	(\$266M)	(\$1,979M)
Real Estate	25	\$55B	(\$141M)	(\$2,685M)	(\$2,701M)	(\$6,411M)
Technology	23	\$129B	(\$313M)	\$712M	(\$477M)	(\$363M)
Utilities	9	\$26B	\$5M	(\$195M)	(\$302M)	\$2,239M

U.S. Sector & Industry Flow Leaders

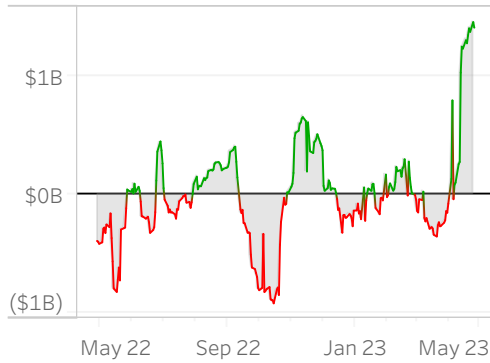
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	\$426M	\$1,858M	\$2,096M	(\$3,079M)	\$32,044M
KRE	SPDR S&P Regional Banking ETF	\$144M	\$1,387M	\$402M	(\$215M)	\$3,001M
KIE	SPDR S&P Insurance ETF	\$85M	\$26M	\$62M	\$75M	\$511M
XLI	Industrial Select Sector SPDR Fund	\$81M	(\$548M)	\$54M	(\$1,507M)	\$13,505M
IYM	iShares U.S. Basic Materials ETF	\$79M	\$140M	(\$14M)	(\$107M)	\$920M
IHI	iShares U.S. Medical Devices ETF	\$77M	(\$139M)	(\$541M)	(\$1,037M)	\$6,404M
XLU	Utilities Select Sector SPDR Fund	\$42M	\$193M	\$45M	\$1,833M	\$16,326M
ITA	iShares U.S. Aerospace & Defense ETF	\$35M	\$748M	\$1,560M	\$1,720M	\$5,967M
RHS	Invesco S&P 500 Equal Weight Consumer Stapl..	\$29M	\$293M	\$379M	\$482M	\$1,066M
XLV	Health Care Select Sector SPDR Fund	\$28M	(\$1,023M)	(\$30M)	\$2,576M	\$40,417M

U.S. Sector & Industry Flow Laggards

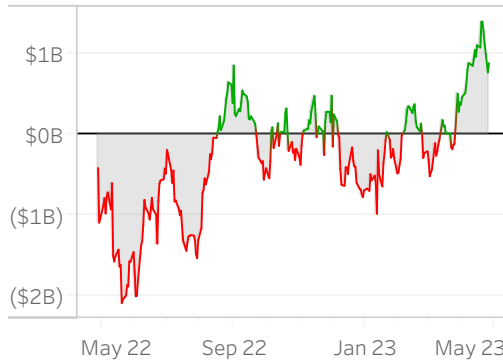
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	(\$737M)	(\$1,181M)	(\$1,618M)	(\$1,715M)	\$39,208M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$161M)	\$69M	(\$245M)	(\$1,043M)	\$14,505M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$154M)	(\$471M)	(\$931M)	(\$1,873M)	\$3,484M
SOXX	iShares Semiconductor ETF	(\$147M)	\$341M	\$324M	(\$297M)	\$7,365M
IYR	iShares U.S. Real Estate ETF	(\$103M)	(\$742M)	(\$602M)	(\$1,219M)	\$2,814M
XRT	SPDR S&P Retail ETF	(\$90M)	\$20M	(\$45M)	(\$194M)	\$322M
XBI	SPDR S&P BIOTECH ETF	(\$88M)	(\$885M)	(\$718M)	\$77M	\$6,447M
IBB	iShares Biotechnology ETF	(\$67M)	(\$634M)	(\$71M)	(\$412M)	\$8,165M
IHF	iShares U.S. Healthcare Providers ETF	(\$64M)	(\$252M)	(\$386M)	(\$149M)	\$1,141M
VGT	Vanguard Information Technology ETF	(\$57M)	(\$541M)	(\$402M)	(\$1,058M)	\$45,293M

* 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



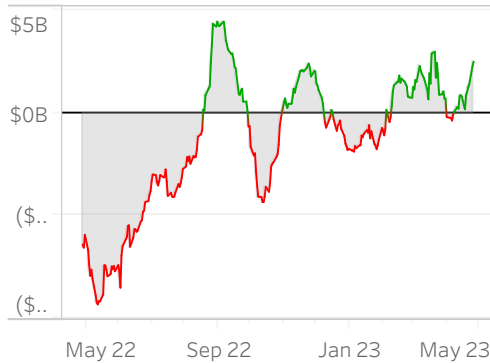
Consumer Staples



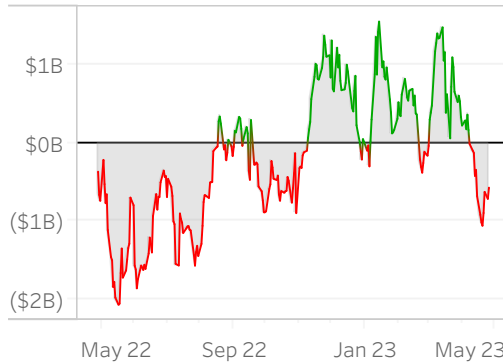
Energy



Financials



Industrial



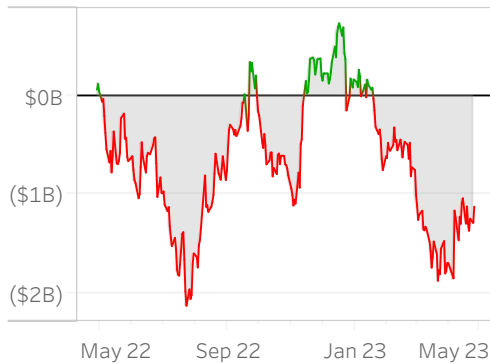
Health Care



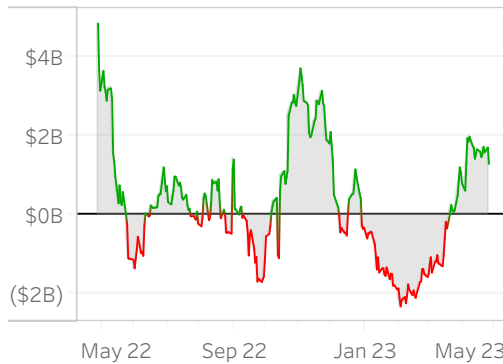
Materials



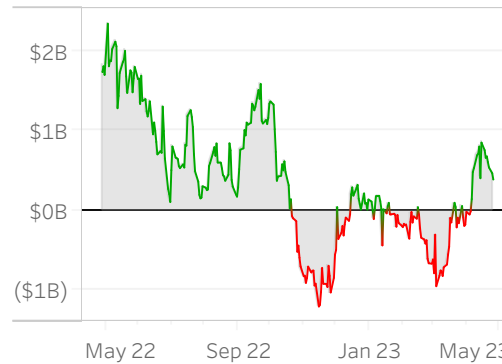
Real Estate



Technology



Utilities

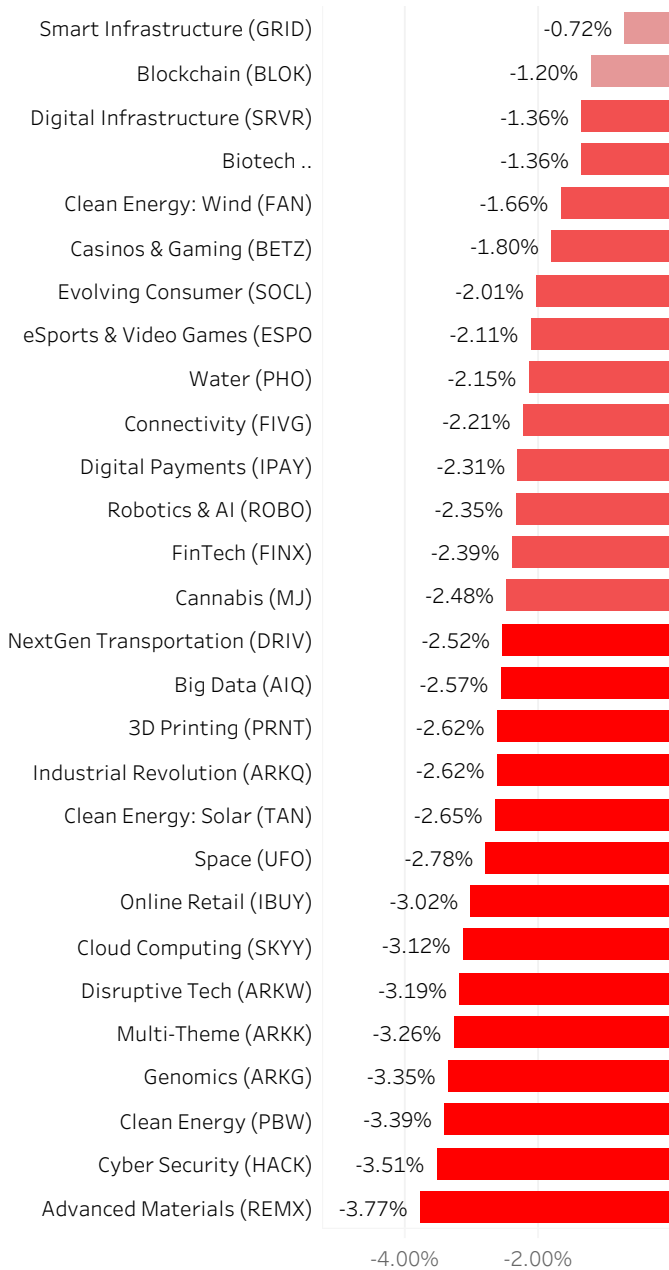


Multi-Sector

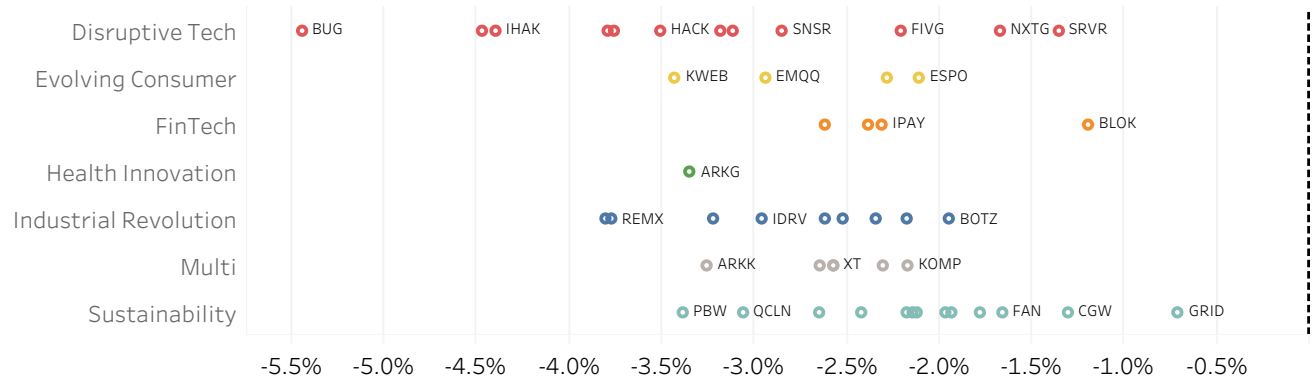


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
AGNG	Global X Aging Population ETF	-0.57%
SAMT	Strategas Macro Thematic Opportunities ETF	-0.69%
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure..	-0.72%
EVX	VanEck Environmental Services ETF	-0.91%
BKCH	Global X Blockchain ETF	-1.12%
BITQ	Bitwise Crypto Industry Innovators ETF	-1.15%
BLOK	Amplify Transformational Data Sharing ETF	-1.20%
CGW	Invesco S&P Global Water Index ETF	-1.31%
SRVR	Pacer Data & Infrastructure Real Estate ETF	-1.36%
SBIO	ALPS Medical Breakthroughs ETF	-1.36%

Thematic Most Overbought

Ticker	Fund	Price
AGNG	Global X Aging Population ETF	72.99
GDOC	Goldman Sachs Future Health Care Equity ETF	68.60
BJK	VanEck Gaming ETF	67.61
PAWZ	ProShares Pet Care ETF	67.10
KLDW	Knowledge Leaders Developed World ETF	64.58
SBIO	ALPS Medical Breakthroughs ETF	63.79
PIO	Invesco Global Water ETF	62.51
BETZ	Roundhill Sports Betting & iGaming ETF	60.28
CGW	Invesco S&P Global Water Index ETF	60.10
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	59.62

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
BUG	Global X Cybersecurity ETF	-5.44%
WCLD	WisdomTree Cloud Computing Fund	-4.47%
IHAK	iShares Cybersecurity & Tech ETF	-4.40%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-4.07%
XITK	SPDR FactSet Innovative Technology ETF	-4.06%
LIT	Global X Lithium & Battery Tech ETF	-3.81%
CLOU	Global X Cloud Computing ETF	-3.79%
REMX	VanEck Rare Earth/Strategic Metals ETF	-3.77%
CIBR	First Trust NASDAQ Cybersecurity ETF	-3.76%
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Secu..	-3.51%

Thematic Most Oversold

Ticker	Fund	Price
MJ	ETFMG Alternative Harvest ETFMG Alternative Harvest	30.74
MJUS	ETFMG U.S. Alternative Harvest ETF	33.99
FIVG	Defiance Next Gen Connectivity ETF	34.34
KWEB	KraneShares CSI China Internet ETF	35.80
SOCL	Global X Social Media ETF	37.22
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	37.64
KGRN	KraneShares MSCI China Clean Technology Index ETF	38.11
MSOS	AdvisorShares Pure US Cannabis ETF	38.20
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	40.10
IRBO	iShares Robotics and Artificial Intelligence Multisector E..	40.33

* 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	
ARKG	ARK Genomic Revolution ETF	\$15M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$15M
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	\$6M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$6M
AIQ	Global X Artificial Intelligence & Technology ETF	\$6M
BJK	VanEck Gaming ETF	\$2M
QTUM	Defiance Quantum ETF	\$2M
TARK	AXS 2X Innovation ETF	\$1M
KWEB	KraneShares CSI China Internet ETF	\$1M
MJUS	ETFMG U.S. Alternative Harvest ETF	\$1M

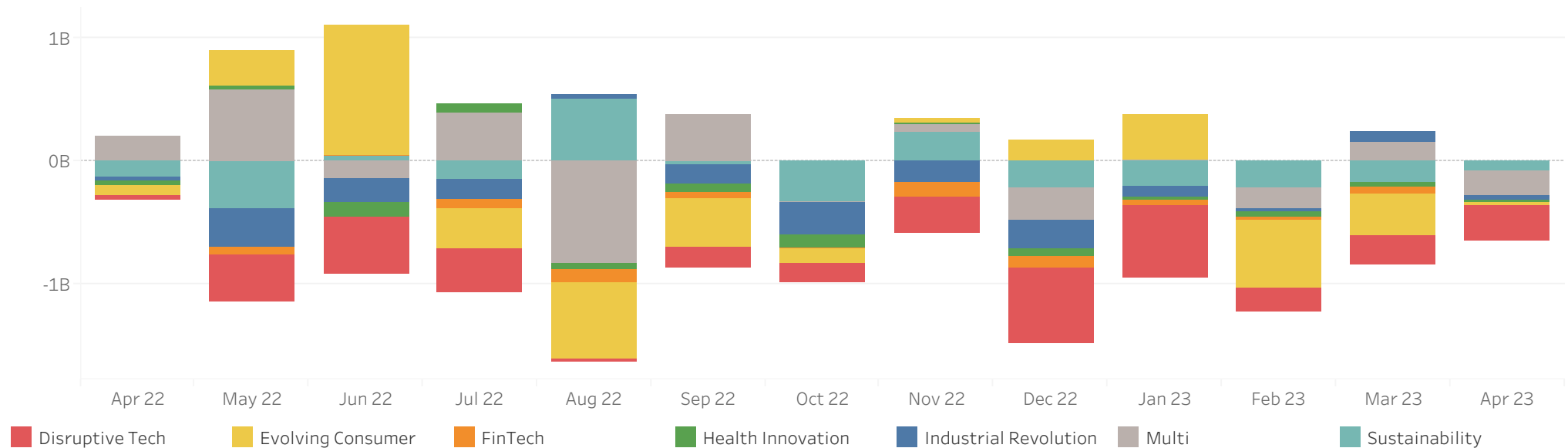
Thematic 1 Week Flow Laggards

Ticker	Fund	
ARKK	ARK Innovation ETF	(\$250M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$48M)
LIT	Global X Lithium & Battery Tech ETF	(\$39M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$19M)
BUG	Global X Cybersecurity ETF	(\$13M)
GNOM	Global X Genomics & Biotechnology ETF	(\$12M)
SKYY	First Trust Cloud Computing ETF	(\$10M)
TAN	Invesco Solar ETF	(\$6M)
ROBO	ROBO Global Robotics & Automation Index ETF	(\$5M)
CLOU	Global X Cloud Computing ETF	(\$5M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$15B	(\$84M)	(\$790M)	(\$2,217M)	(\$3,764M)
Evolving Consumer	44	\$9B	(\$1M)	(\$763M)	(\$314M)	(\$557M)
FinTech	18	\$3B	(\$4M)	(\$97M)	(\$343M)	(\$637M)
Health Innovation	18	\$3B	(\$16M)	(\$93M)	(\$187M)	(\$453M)
Industrial Revolution	31	\$10B	(\$28M)	\$26M	(\$524M)	(\$1,581M)
Multi	41	\$14B	(\$257M)	(\$206M)	(\$294M)	\$194M
Sustainability	40	\$17B	\$10M	(\$482M)	(\$650M)	(\$1,096M)
Grand Total	226	\$70B	(\$380M)	(\$2,406M)	(\$4,529M)	(\$7,893M)

Thematic Monthly Flows

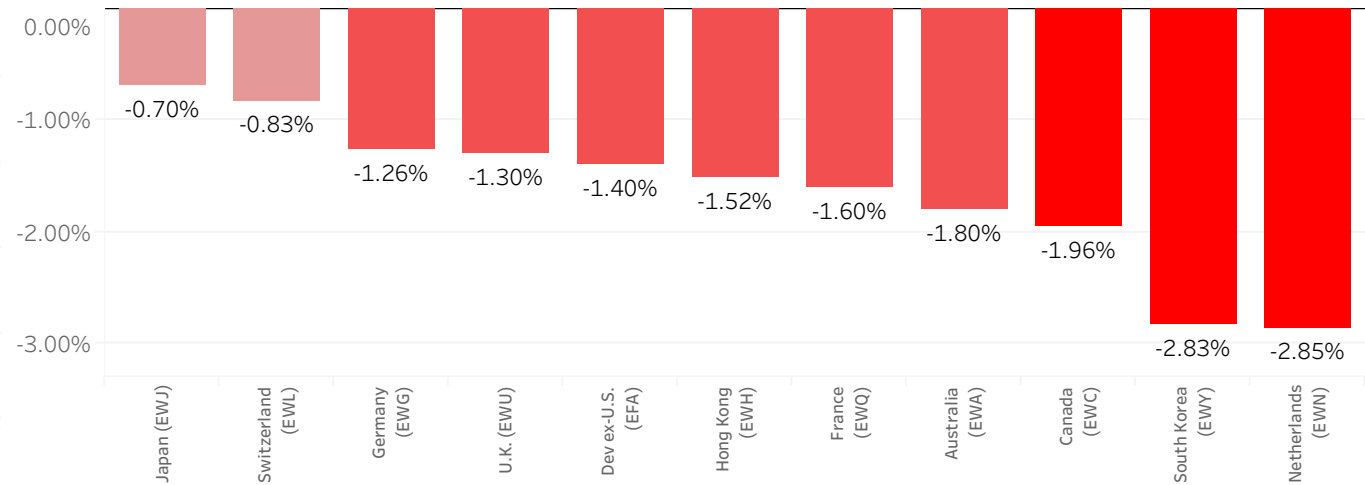


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



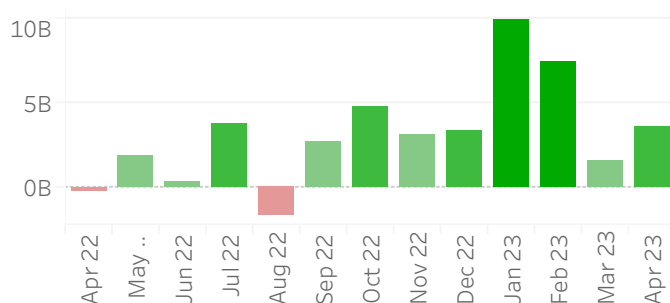
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	Performance
IDLV	Invesco S&P International Developed Low Volatility ETF	-0.43%
DFJ	WisdomTree Japan SmallCap Dividend Fund	-0.45%
IHDG	WisdomTree International Hedged Quality Dividend Growth ..	-0.52%
SCJ	iShares MSCI Japan Small-Cap ETF	-0.54%
JPXN	iShares JPX-Nikkei 400 ETF	-0.68%
FLJP	Franklin FTSE Japan ETF	-0.69%
EWJ	iShares MSCI Japan ETF	-0.70%
BBJP	JPMorgan BetaBuilders Japan ETF	-0.72%
EFAV	iShares MSCI EAFE Min Vol Factor ETF	-0.74%
LVHI	Franklin International Low Volatility High Dividend Index ETF	-0.76%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWL	iShares MSCI Switzerland ETF	81.32
FLSW	Franklin FTSE Switzerland ETF	81.32
EFAV	iShares MSCI EAFE Min Vol Factor ETF	76.71
EUDG	WisdomTree Europe Quality Dividend Growth Fund	76.66
IMFL	Invesco International Developed Dynamic Multifactor ETF	75.53
QLVD	FlexShares Developed Markets ex-US Quality Low Volatilit..	74.71
EWQ	iShares MSCI France ETF	73.11
FSZ	First Trust Switzerland AlphaDEX Fund	73.05
IQDG	WisdomTree International Quality Dividend Growth Fund	72.66
BBEU	JPMorgan BetaBuilders Europe ETF	72.01

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	Performance
EWN	iShares MSCI Netherlands ETF	-2.85%
EWP	iShares MSCI Spain ETF	-2.85%
EWY	iShares MSCI South Korea ETF	-2.83%
GREK	Global X MSCI Greece ETF	-2.76%
AIA	iShares Asia 50 ETF	-2.66%
FLKR	Franklin FTSE South Korea ETF	-2.63%
EIS	iShares MSCI Israel ETF	-2.57%
MINV	Matthews Asia Innovators Active ETF	-2.50%
NORW	Global X MSCI Norway ETF	-2.44%
IVAL	Alpha Architect International Quantitative Value ETF	-2.41%

Developed ex-U.S. Most Oversold

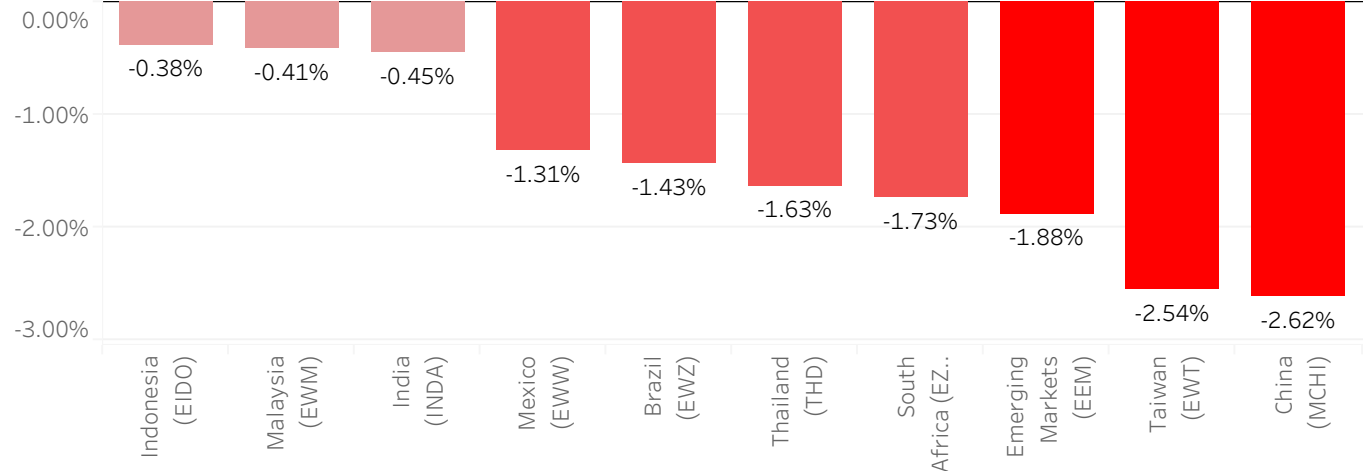
Ticker	Fund	Value
MINV	Matthews Asia Innovators Active ETF	37.10
AIA	iShares Asia 50 ETF	38.25
AAXJ	iShares MSCI All Country Asia ex Japan ETF	41.85
EWH	iShares MSCI Hong Kong ETF	42.60
ISRA	VanEck Israel ETF	46.82
EIS	iShares MSCI Israel ETF	48.09
FLKR	Franklin FTSE South Korea ETF	49.15
EWY	iShares MSCI South Korea ETF	49.24
NORW	Global X MSCI Norway ETF	50.98
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Ja..	51.92

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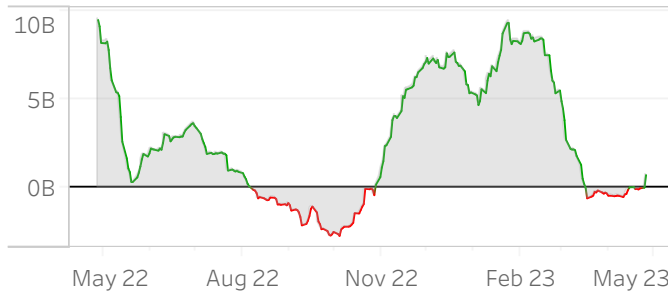
Emerging (EEM)



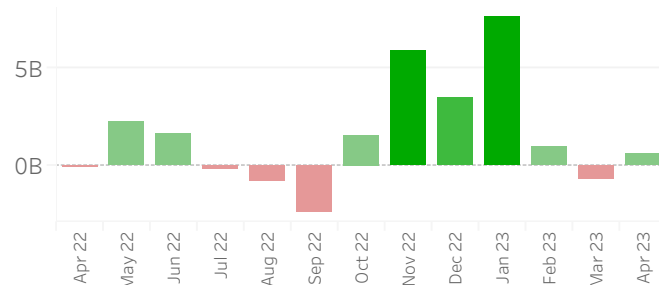
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
KSA	iShares MSCI Saudi Arabia ETF	0.37%
ECH	iShares MSCI Chile ETF	-0.04%
PIN	Invesco India ETF	-0.35%
EIDO	iShares MSCI Indonesia ETF	-0.38%
EPI	WisdomTree India Earnings Fund	-0.40%
FLIN	Franklin FTSE India ETF	-0.41%
EWM	iShares MSCI Malaysia ETF	-0.41%
EPHE	iShares MSCI Philippines ETF	-0.41%
INDA	iShares MSCI India ETF	-0.45%
INDY	iShares India 50 ETF	-0.64%

Emerging Most Overbought

Ticker	Fund	Value
EPOL	iShares MSCI Poland ETF	74.45
KSA	iShares MSCI Saudi Arabia ETF	67.07
NFTY	First Trust India NIFTY 50 Equal Weight ETF	63.88
SMIN	iShares MSCI India Small Cap ETF	63.86
INDY	iShares India 50 ETF	61.98
EPI	WisdomTree India Earnings Fund	60.88
EWW	iShares MSCI Mexico ETF	60.74
EPU	iShares MSCI Peru and Global Exposure ETF	60.63
UEVM	VictoryShares Emerging Markets Value Momentum E..	60.61
INDA	iShares MSCI India ETF	60.49

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-3.85%
PGJ	Invesco Golden Dragon China ETF	-3.17%
TUR	iShares MSCI Turkey ETF	-2.85%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	-2.79%
ECNS	iShares MSCI China Small-Cap ETF	-2.78%
FXI	iShares China Large-Cap ETF	-2.70%
GXC	SPDR S&P China ETF	-2.64%
MCHI	iShares MSCI China ETF	-2.62%
EWT	iShares MSCI Taiwan ETF	-2.54%
FLTW	Franklin FTSE Taiwan ETF	-2.52%

Emerging Most Oversold

Ticker	Fund	Value
RAYC	Rayliant Quantamental China Equity ETF	33.42
PGJ	Invesco Golden Dragon China ETF	35.03
CNYA	iShares MSCI China A ETF	35.70
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	36.07
ECNS	iShares MSCI China Small-Cap ETF	36.89
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	37.19
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	37.35
FLCH	Franklin FTSE China ETF	38.13
MCHI	iShares MSCI China ETF	38.97
EWT	iShares MSCI Taiwan ETF	39.14

*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	0.62%	0.27%	4.05%
SHY	1-3 Year Treasury Bonds	0.39%	0.01%	2.07%
IEF	7-10 Year Treasury Bonds	0.99%	0.34%	5.08%
TLT	20+ Year Treasury Bonds	1.47%	0.36%	8.25%
TIP	TIPS Bonds	0.59%	0.94%	4.23%
FLOT	Floating Rate Bonds	-0.32%	0.85%	1.36%
LQD	Investment Grade Corporate	0.44%	0.76%	5.31%
HYG	High Yield Corporate	-0.16%	2.47%	3.55%
BKLN	Senior Loan	-0.38%	2.46%	3.89%
PFF	Preferred & Income Securities	-1.18%	4.04%	3.58%
MUB	Municipal Bonds	0.21%	0.40%	2.61%
MBB	MBS	0.63%	-0.18%	3.43%
EMB	Dollar Denominated EM Bonds	0.61%	0.63%	2.40%
LEMB	Local Currency EM Bond	-0.02%	1.12%	3.54%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-1.24%	2.35%	-6.88%
DBE	Energy	-2.62%	3.92%	-9.93%
USO	WTI Crude Oil	-2.35%	10.93%	-3.55%
BNO	Brent Crude Oil	-2.42%	8.74%	-4.49%
UNG	Natural Gas	-2.64%	-4.50%	-50.35%
UGA	Gasoline	-1.96%	2.37%	-1.38%
DBP	Precious Metals	0.25%	2.73%	8.16%
GLD	Gold	0.51%	1.14%	9.50%
SLV	Silver	-0.39%	8.34%	4.41%
PPLT	abrdn Physical Platin..	0.05%	11.52%	1.67%
PALL	abrdn Physical Palla..	-3.07%	3.64%	-16.86%
DBB	Base Metals	-2.42%	-4.77%	-2.57%
CPER	Copper	-2.83%	-4.75%	2.47%
LD	Lead	-1.43%	0.02%	-7.84%
JJN	Nickel	-4.96%	-1.75%	-22.77%
JJU	Aluminum	-1.68%	-0.41%	-3.37%
JJT	Tin	-4.18%	2.50%	2.49%
DBA	Agriculture	-0.33%	5.16%	4.17%
CORN	Corn	-0.37%	-2.65%	-10.10%
SOYB	Soybeans	-0.83%	-0.04%	-7.79%
WEAT	Wheat	-0.61%	-6.54%	-17.67%
CANE	Sugar	2.71%	27.26%	43.02%
BAL	Cotton	-2.75%	2.73%	-5.11%
NIB	Cocoa	-2.37%	4.88%	17.47%
JO	Coffee	-1.97%	6.84%	15.71%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.47%	-0.86%	-0.07%
UDN	Short Dollar	-0.53%	1.50%	2.37%
FXE	Euro	-0.68%	2.07%	2.78%
FXB	British Pound Sterling	-0.67%	1.62%	3.44%
FXF	Swiss Franc	-0.44%	3.08%	3.49%
FXJ	Japanese Yen	0.65%	-2.05%	-1.86%
FXC	Canadian Dollar	-0.70%	1.03%	-0.09%
FXA	Australian Dollar	-1.07%	-0.28%	-2.52%

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