

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

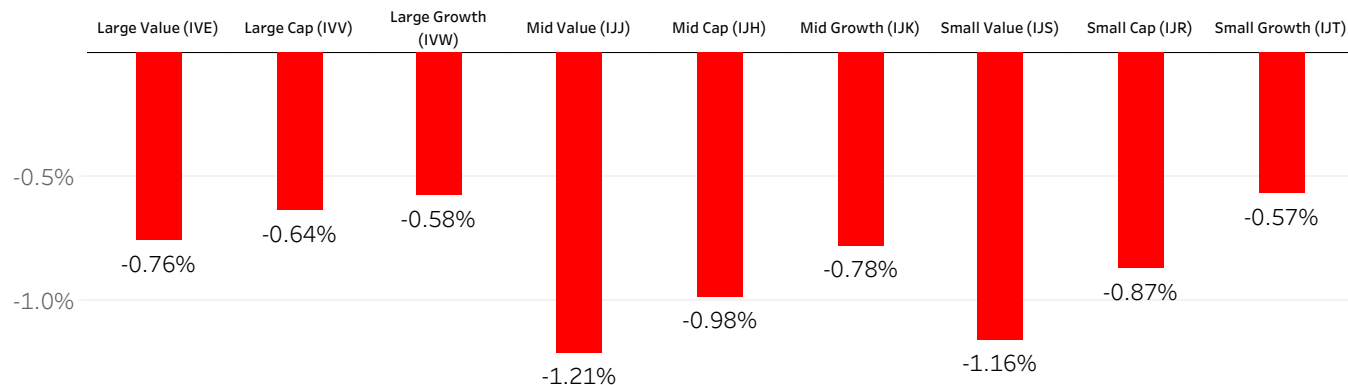


Small Cap Blend (S&P 600) IJR



■ 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
IPO	Renaissance IPO ETF	2.34%
BUZZ	VanEck Social Sentiment ETF	1.21%
FFTY	Innovator IBD 50 ETF	0.98%
TMFS	Motley Fool Small-Cap Growth ETF	0.92%
FPX	First Trust US Equity Opportunities ETF	0.91%
MMLG	First Trust Multi-Manager Large Growth ETF	0.68%
QQQJ	Invesco NASDAQ Next Gen 100 ETF	0.63%
AIEQ	AI Powered Equity ETF	0.55%
GVIP	Goldman Sachs Hedge Industry VIP ETF	0.54%
ISCG	iShares Morningstar Small-Cap Growth ETF	0.46%

Size & Style Most Overbought

Ticker	Fund	Value
ACSI	American Customer Satisfaction ETF	74.04
GUSA	Goldman Sachs MarketBeta U.S. 1000 Equity ETF	73.41
QVMS	Invesco S&P SmallCap 600 QVM Multi-factor ETF	70.35
PWC	Invesco Dynamic Market ETF	69.89
NZUS	SPDR MSCI USA Climate Paris Aligned ETF	69.33
USNZ	Xtrackers Net Zero Pathway Paris Aligned US Equity ETF	69.00
ETHO	Etho Climate Leadership U.S. ETF	67.99
JSML	Janus Henderson Small Cap Growth Alpha ETF	67.89
FDM	First Trust Dow Jones Select MicroCap Index Fund	67.73
USVM	VictoryShares USAA MSCI USA Small Cap Value Momentu..	67.58

Size & Style 1-Day Performance Laggards

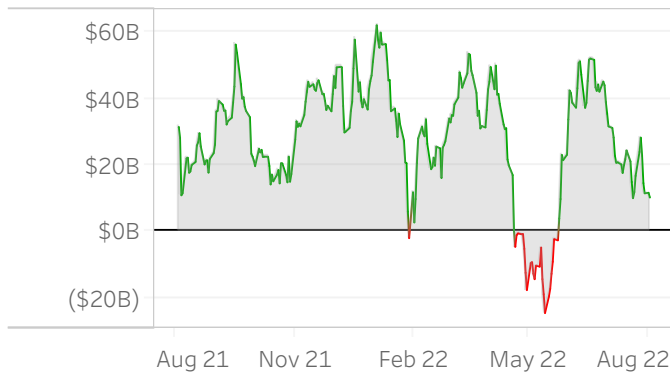
Ticker	Fund	1-Day Performance
DDIV	First Trust Dorsey Wright Momentum & Dividend ETF	-1.85%
SDVY	First Trust SMID Cap Rising Dividend Achievers ETF	-1.69%
FNK	First Trust Mid Cap Value AlphaDEX Fund	-1.68%
FYT	First Trust Small Cap Value AlphaDEX Fund	-1.67%
QVAL	Alpha Architect U.S. Quantitative Value ETF	-1.59%
RFV	Invesco S&P Midcap 400 Pure Value ETF	-1.54%
CALF	Pacer US Small Cap Cash Cows 100 ETF	-1.54%
DGRS	WisdomTree US Smallcap Quality Dividend Growth Fund	-1.48%
XMVM	Invesco S&P MidCap Value with Momentum ETF	-1.46%
LSAF	LeaderShares AlphaFactor US Core Equity ETF	-1.46%

Size & Style Most Oversold

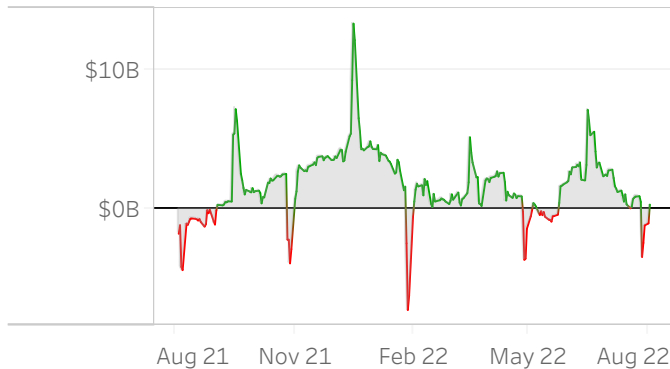
Ticker	Fund	Value
CDC	VictoryShares US EQ Income Enhanced Volatility Wt..	46.38
ABEQ	Absolute Core Strategy ETF	46.88
PTMC	Pacer Trendpilot US Mid Cap ETF	47.70
RUFF	Alpha Dog ETF	47.74
LGH	HCM Defender 500 Index ETF	47.94
DJD	Invesco Dow Jones Industrial Average Dividend ETF	49.27
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	49.40
RPHS	Regents Park Hedged Market Strategy ETF	50.18
LFEQ	VanEck Long/Flat Trend ETF	50.79
SPDV	AAM S&P 500 High Dividend Value ETF	52.29

*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 Growth, Beta	25	\$1,250B	(\$5.33B)	\$37.49B	\$39.94B	\$120.92B
Large Cap, Beta Growth, Beta: Growth	10	\$235B	\$1.13B	\$8.64B	\$12.30B	\$16.85B
Large Cap, Beta Growth, Beta: Value	11	\$217B	(\$0.28B)	\$3.58B	\$12.91B	\$25.99B
Mid Cap, Beta, Beta	10	\$179B	\$0.19B	\$2.81B	\$4.78B	\$13.01B
Mid Cap, Beta, Beta: Growth	6	\$33B	\$0.38B	\$0.91B	\$0.59B	\$0.97B
Mid Cap, Beta, Beta: Value	6	\$40B	\$0.07B	\$0.37B	(\$0.16B)	\$1.28B
Small Cap, Beta, Beta	13	\$194B	\$0.93B	(\$0.83B)	(\$2.25B)	\$8.20B
Small Cap, Beta, Beta: Growth	7	\$32B	\$0.03B	\$0.99B	\$1.11B	\$1.70B
Small Cap, Beta, Beta: Value	7	\$50B	(\$0.09B)	(\$0.97B)	(\$4.92B)	(\$2.54B)

U.S. Size & Style Flow Leaders

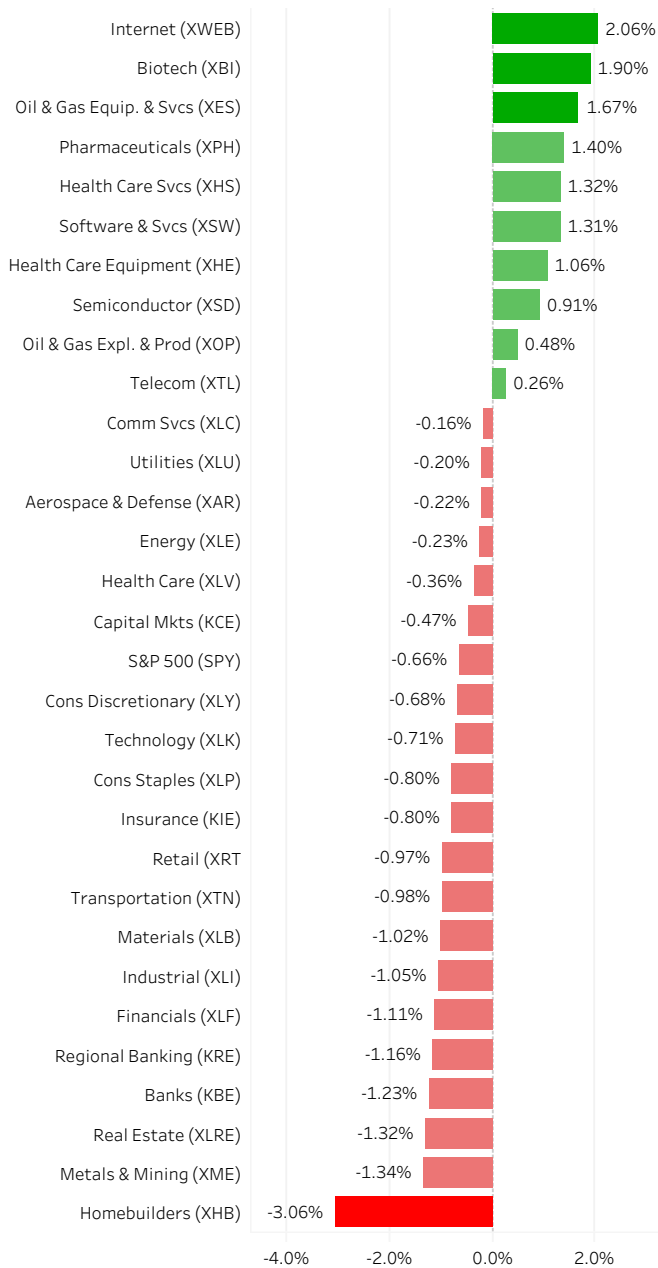
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	\$0.82B	\$14.84B	\$14.31B	\$43.81B	\$271.08B
IWM	iShares Russell 2000 ETF	\$0.55B	(\$0.49B)	(\$2.44B)	(\$1.39B)	\$54.15B
SPLV	Invesco S&P 500 Low Volatility ETF	\$0.50B	\$1.36B	\$1.76B	\$2.99B	\$11.07B
VTI	Vanguard Total Stock Market ETF	\$0.46B	\$4.18B	\$10.00B	\$35.35B	\$268.88B
IVV	iShares Core S&P 500 ETF	\$0.37B	\$13.91B	\$15.42B	\$30.91B	\$305.50B
MDYG	SPDR S&P 400 Mid Cap Growth ETF	\$0.33B	\$0.26B	\$0.25B	\$0.29B	\$1.76B
VUG	Vanguard Growth ETF	\$0.32B	\$3.31B	\$6.20B	\$7.18B	\$77.13B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.28B	\$0.29B	\$0.49B	\$0.01B	\$28.47B
IJR	iShares Core S&P Small Cap ETF	\$0.27B	\$0.83B	\$1.16B	\$5.20B	\$68.49B
VONG	Vanguard Russell 1000 Growth ETF	\$0.24B	\$0.64B	\$0.76B	\$1.39B	\$7.52B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	(\$4.30B)	\$0.67B	(\$2.23B)	\$14.61B	\$371.53B
QQQ	Invesco QQQ Trust	(\$2.21B)	\$3.62B	\$6.75B	\$17.17B	\$173.73B
IWD	iShares Russell 1000 Value ETF	(\$0.30B)	\$0.11B	(\$0.94B)	\$1.04B	\$53.14B
ITOT	iShares Core S&P Total U.S. Stock Market ETF	(\$0.30B)	\$2.44B	\$2.44B	\$5.12B	\$43.17B
IWB	iShares Russell 1000 ETF	(\$0.22B)	\$0.63B	\$0.69B	\$0.09B	\$28.19B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.18B)	\$0.95B	\$0.89B	\$0.88B	\$28.32B
IWO	iShares Russell 2000 Growth ETF	(\$0.10B)	\$0.26B	\$0.47B	\$0.75B	\$9.76B
BBMC	JPMorgan BetaBuilders U.S. Mid Cap Equity E..	(\$0.10B)	(\$0.03B)	\$0.15B	\$0.05B	\$1.47B
IJS	iShares S&P Small-Cap 600 Value ETF	(\$0.09B)	\$0.08B	(\$0.92B)	(\$0.99B)	\$7.38B
VLUE	iShares MSCI USA Value Factor ETF	(\$0.09B)	(\$2.50B)	(\$3.60B)	(\$5.86B)	\$9.12B

* 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)
XLU	Utilities Select Sector SPDR Fund	-4.00%	16.24%	4.64%	5.26%	68.25
XLP	Consumer Staples Select Sector SPDR Fund	-7.14%	8.75%	2.92%	0.38%	60.70
XLV	Health Care Select Sector SPDR Fund	-8.32%	9.23%	1.82%	-0.96%	53.91
XLI	Industrial Select Sector SPDR Fund	-11.57%	10.80%	5.06%	-3.88%	66.28
SPY	SPDR S&P 500 ETF Trust	-14.58%	11.53%	4.18%	-5.62%	62.44
XLB	Materials Select Sector SPDR Fund	-15.34%	8.15%	-1.25%	-8.79%	54.59
XLRE	Real Estate Select Sector SPDR Fund	-16.31%	11.61%	3.57%	-5.85%	60.09
XLE	Energy Select Sector SPDR Fund	-16.97%	67.33%	-1.11%	9.39%	56.79
XLK	Technology Select Sector SPDR Fund	-19.11%	15.71%	6.83%	-5.69%	63.75
XLF	Financial Select Sector SPDR Fund	-20.18%	7.55%	1.03%	-10.42%	54.77
XLY	Consumer Discretionary Select Sector SPDR Fund	-23.13%	20.72%	10.43%	-7.66%	67.00
XLC	Communication Services Select Sector SPDR Fund	-34.69%	5.88%	-0.47%	-16.60%	50.21

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XBI	SPDR S&P BIOTECH ETF	1.90%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	1.67%
XPH	SPDR S&P Pharmaceuticals ETF	1.40%
XHS	SPDR S&P Health Care Services ETF	1.32%
XSW	SPDR S&P Software & Services ETF	1.31%
PTH	Invesco DWA Healthcare Momentum ETF	1.21%
PNQI	Invesco NASDAQ Internet ETF	1.16%
XHE	SPDR S&P Health Care Equipment ETF	1.06%
PBE	Invesco Dynamic Biotechnology & Genome ETF	1.00%
PTF	Invesco DWA Technology Momentum ETF	0.98%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IGN	iShares North American Tech-Multimedia Networking E..	75.75
XTL	SPDR S&P Telecom ETF	72.55
PTF	Invesco DWA Technology Momentum ETF	70.96
XHS	SPDR S&P Health Care Services ETF	70.89
PSCT	Invesco S&P SmallCap Information Technology ETF	69.89
IDU	iShares U.S. Utilities ETF	69.56
UTES	Virtus Reaves Utilities ETF	69.22
PRN	Invesco DWA Industrials Momentum ETF	68.79
FUTY	Fidelity MSCI Utilities Index ETF	68.78
AIRR	First Trust RBA American Industrial Renaissance ETF	68.56

Sector & Industry 1 Day Performance Laggards

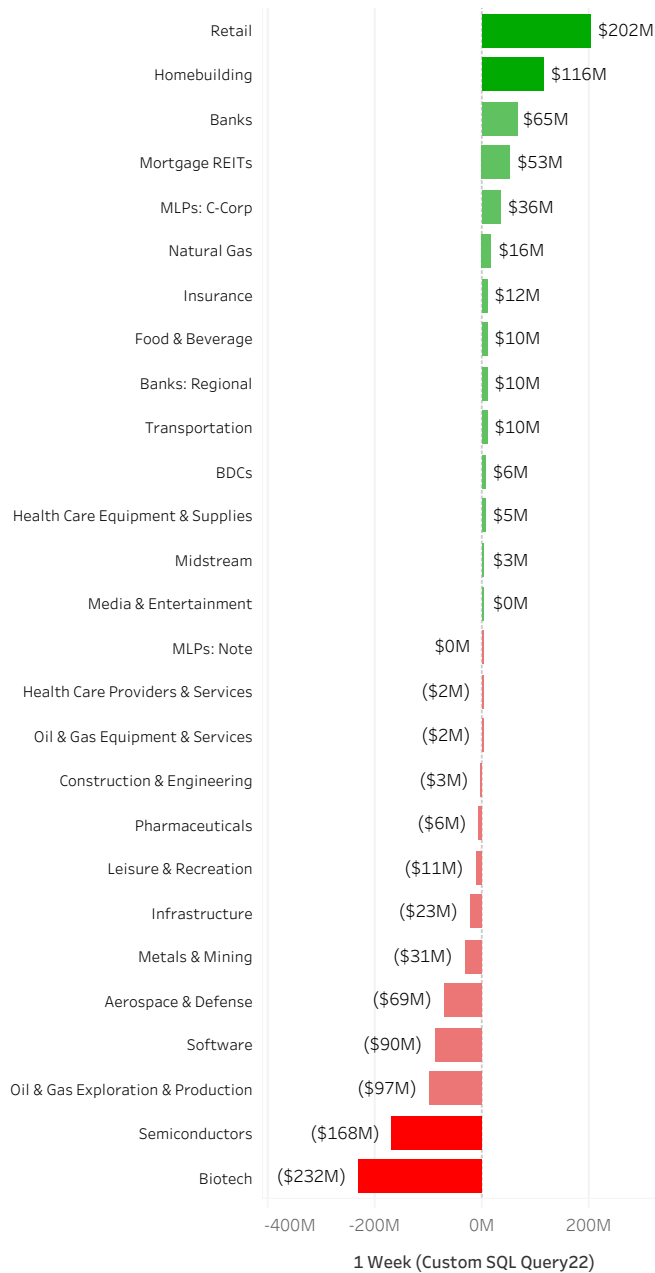
Ticker	Fund	1 Day Performance
ITB	iShares U.S. Home Construction ETF	-3.91%
MORT	VanEck Mortgage REIT Income ETF	-3.38%
REM	iShares Mortgage Real Estate ETF	-3.26%
XHB	SPDR S&P Homebuilders ETF	-3.06%
PKB	Invesco Dynamic Building & Construction ETF	-2.44%
AIRR	First Trust RBA American Industrial Renaissance ETF	-2.01%
PSCI	Invesco S&P SmallCap Industrials ETF	-1.78%
EWRE	Invesco S&P 500 Equal Weight Real Estate ETF	-1.69%
FTXG	First Trust Nasdaq Food & Beverage ETF	-1.64%
FXD	First Trust Consumer Discretionary AlphaDEX Fund	-1.60%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
KBWP	Invesco KBW Property & Casualty Insurance ETF	33.69
IHE	iShares U.S. Pharmaceuticals ETF	43.21
PJP	Invesco Dynamic Pharmaceuticals ETF	44.77
IAK	iShares U.S. Insurance ETF	45.07
IYZ	iShares U.S. Telecommunications ETF	45.65
KIE	SPDR S&P Insurance ETF	46.09
XLC	Communication Services Select Sector SPDR Fund	50.21
XPH	SPDR S&P Pharmaceuticals ETF	50.33
FCOM	Fidelity MSCI Communication Services Index ETF	51.26
VOX	Vanguard Communication Services ETF	51.35

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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	9	\$14B	\$58M	(\$217M)	(\$510M)	(\$545M)
Consumer Discretionary	13	\$24B	\$527M	(\$1,958M)	(\$3,643M)	(\$4,830M)
Consumer Staples	12	\$28B	\$382M	\$57M	\$3,107M	\$5,357M
Energy	34	\$72B	\$163M	(\$4,137M)	(\$3,971M)	\$851M
Financials	28	\$58B	\$572M	(\$8,740M)	(\$18,160M)	(\$8,114M)
Health Care	26	\$92B	\$116M	\$3,438M	\$7,420M	\$12,747M
Industrial	14	\$29B	\$26M	(\$2,669M)	(\$2,430M)	(\$5,485M)
Materials	10	\$14B	\$44M	(\$2,376M)	(\$476M)	(\$1,519M)
Multi-Sector	19	\$15B	\$100M	(\$335M)	(\$4,253M)	(\$3,536M)
Real Estate	25	\$70B	(\$59M)	(\$2,978M)	(\$5,185M)	\$2,259M
Technology	24	\$127B	\$260M	(\$215M)	(\$474M)	\$4,335M
Utilities	10	\$27B	(\$85M)	\$1,102M	\$3,500M	\$4,797M

U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	\$431M	(\$5,097M)	(\$11,103M)	(\$5,114M)	\$30,058M
XLK	Technology Select Sector SPDR Fund	\$378M	(\$3M)	\$864M	\$1,925M	\$43,493M
XLP	Consumer Staples Select Sector SPDR Fund	\$333M	(\$575M)	\$491M	\$1,994M	\$15,795M
XLV	Health Care Select Sector SPDR Fund	\$326M	(\$1,400M)	(\$1,706M)	(\$1,370M)	\$15,956M
XLV	Health Care Select Sector SPDR Fund	\$231M	\$2,636M	\$5,550M	\$7,886M	\$39,705M
XLE	Energy Select Sector SPDR Fund	\$215M	(\$1,062M)	(\$3,097M)	(\$289M)	\$35,757M
XRT	SPDR S&P Retail ETF	\$202M	\$99M	\$304M	(\$320M)	\$563M
VGT	Vanguard Information Technology ETF	\$156M	\$703M	\$1,109M	\$2,137M	\$46,049M
XLB	Materials Select Sector SPDR Fund	\$91M	(\$825M)	(\$1,064M)	(\$1,864M)	\$6,077M
XHB	SPDR S&P Homebuilders ETF	\$85M	(\$70M)	(\$497M)	(\$391M)	\$1,169M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SOXX	iShares Semiconductor ETF	(\$182M)	(\$350M)	(\$240M)	\$898M	\$7,110M
XBI	SPDR S&P BIOTECH ETF	(\$150M)	\$1,003M	\$1,638M	\$3,292M	\$7,289M
VNQ	Vanguard Real Estate ETF	(\$119M)	(\$2,072M)	(\$2,360M)	\$499M	\$40,573M
XLU	Utilities Select Sector SPDR Fund	(\$117M)	\$501M	\$2,104M	\$2,855M	\$16,654M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$101M)	(\$782M)	(\$929M)	(\$1,124M)	\$4,367M
IGV	iShares Expanded Tech-Software Sector ETF	(\$87M)	\$127M	(\$366M)	\$1,252M	\$4,486M
IBB	iShares Biotechnology ETF	(\$74M)	\$50M	(\$255M)	(\$171M)	\$7,876M
ITA	iShares U.S. Aerospace & Defense ETF	(\$72M)	\$100M	\$1,375M	\$1,028M	\$3,834M
XME	SPDR S&P Metals & Mining ETF	(\$31M)	(\$626M)	(\$170M)	(\$14M)	\$1,952M
IYE	iShares U.S. Energy ETF	(\$19M)	(\$1,551M)	(\$1,256M)	(\$1,273M)	\$2,114M

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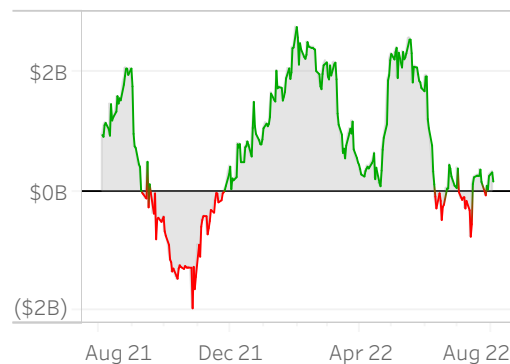
Communication Services



Consumer Discretionary



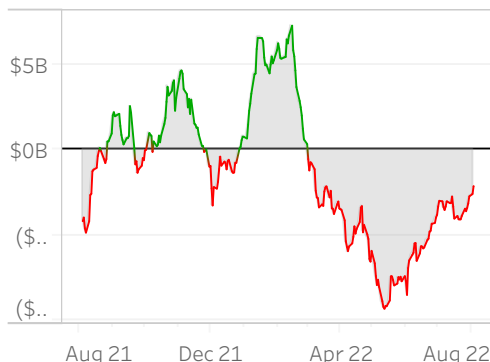
Consumer Staples



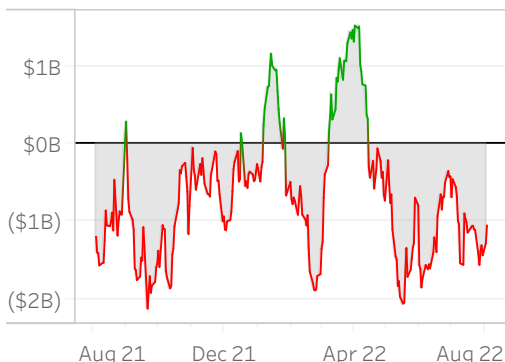
Energy



Financials



Industrial



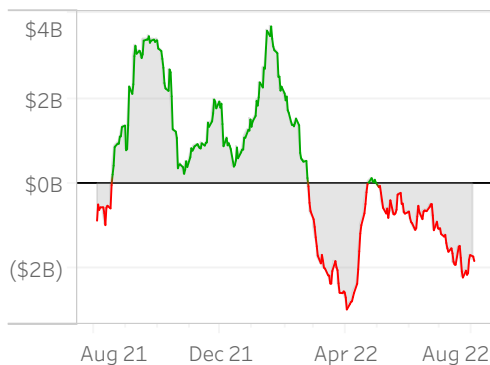
Health Care



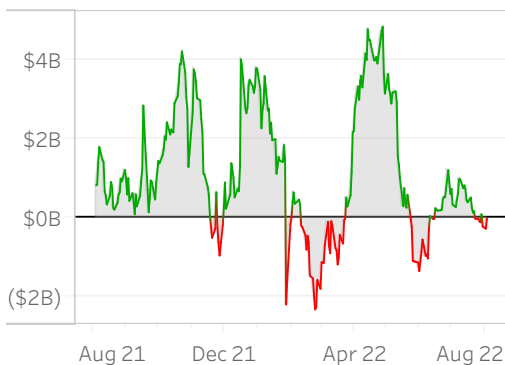
Materials



Real Estate



Technology



Utilities

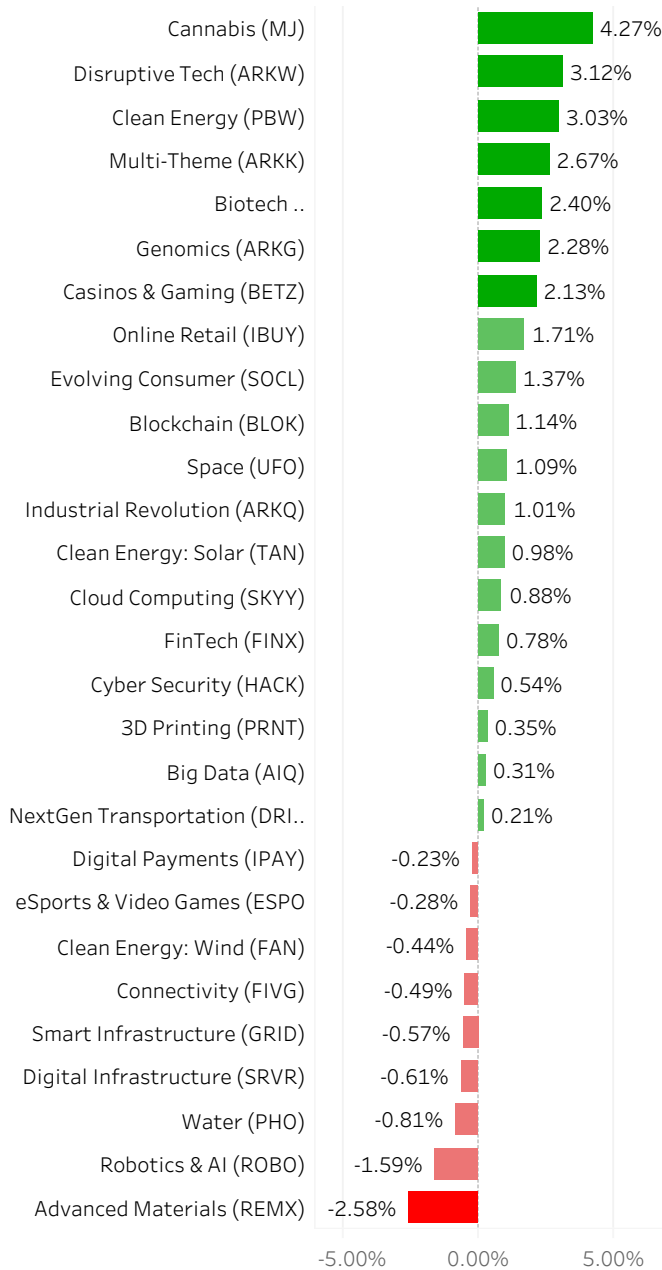


Multi-Sector

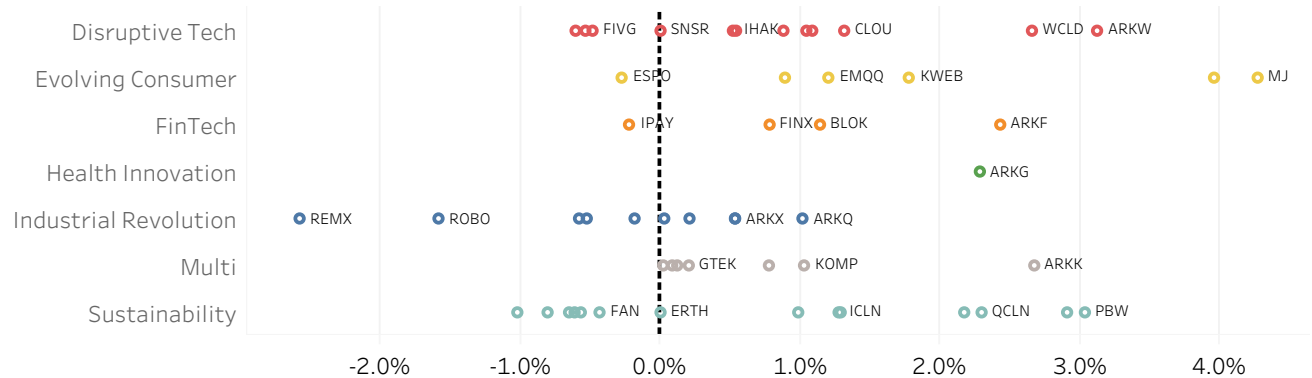


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance (%)
YOLO	AdvisorShares Pure Cannabis ETF	5.80%
POTX	Global X Cannabis ETF	5.04%
BKCH	Global X Blockchain ETF	4.91%
MJ	ETFMG Alternative Harvest ETF	4.27%
BITQ	Bitwise Crypto Industry Innovators ETF	3.97%
MSOS	AdvisorShares Pure US Cannabis ETF	3.95%
ARKW	ARK Next Generation Internet ETF	3.12%
PBW	Invesco WilderHill Clean Energy ETF	3.03%
ACES	ALPS Clean Energy ETF	2.90%
HAIL	SPDR S&P Kensho Smart Mobility ETF	2.88%

Thematic Most Overbought

Ticker	Fund	Value
EVX	VanEck Environmental Services ETF	72.72
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	72.43
ACES	ALPS Clean Energy ETF	72.29
ICLN	iShares Global Clean Energy ETF	71.33
FIW	First Trust Water ETF	71.15
CNRG	SPDR S&P Kensho Clean Power ETF	70.92
CGW	Invesco S&P Global Water Index ETF	70.34
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	69.87
PHO	Invesco Water Resources ETF	69.82
SMOG	VanEck Low Carbon Energy ETF	68.80

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance (%)
REMX	VanEck Rare Earth/Strategic Metals ETF	-2.58%
ROBO	ROBO Global Robotics & Automation Index ETF	-1.59%
KLDW	Knowledge Leaders Developed World ETF	-1.35%
PIO	Invesco Global Water ETF	-1.02%
PHO	Invesco Water Resources ETF	-0.81%
GAMR	Wedbush ETFMG Video Game Tech ETF	-0.72%
SAMT	Strategas Macro Thematic Opportunities ETF	-0.66%
FIW	First Trust Water ETF	-0.65%
PAWZ	ProShares Pet Care ETF	-0.64%
LEGR	First Trust Indxx Innovative Transaction & Process ETF	-0.62%

Thematic Most Oversold

Ticker	Fund	Value
KWEB	KraneShares CSI China Internet ETF	39.16
KGRN	KraneShares MSCI China Clean Technology Index ETF	41.85
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	44.08
SOCL	Global X Social Media ETF	48.00
MSOS	AdvisorShares Pure US Cannabis ETF	50.07
SBIO	ALPS Medical Breakthroughs ETF	51.53
HERO	Global X Video Games & Esports ETF	51.70
MJ	ETFMG Alternative Harvest ETF	51.76
BUG	Global X Cybersecurity ETF	51.86
GAMR	Wedbush ETFMG Video Game Tech ETF	52.35

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Thematic 1 Week Flow Leaders

Ticker	Fund	
TAN	Invesco Solar ETF	\$199M
ICLN	iShares Global Clean Energy ETF	\$35M
FIW	First Trust Water ETF	\$12M
BUG	Global X Cybersecurity ETF	\$10M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$9M
PHO	Invesco Water Resources ETF	\$8M
PBW	Invesco WilderHill Clean Energy ETF	\$8M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$7M
TARK	AXS 2X Innovation ETF	\$6M
CRPT	First Trust SkyBridge Crypto Industry & Digital Economy ETF	\$2M

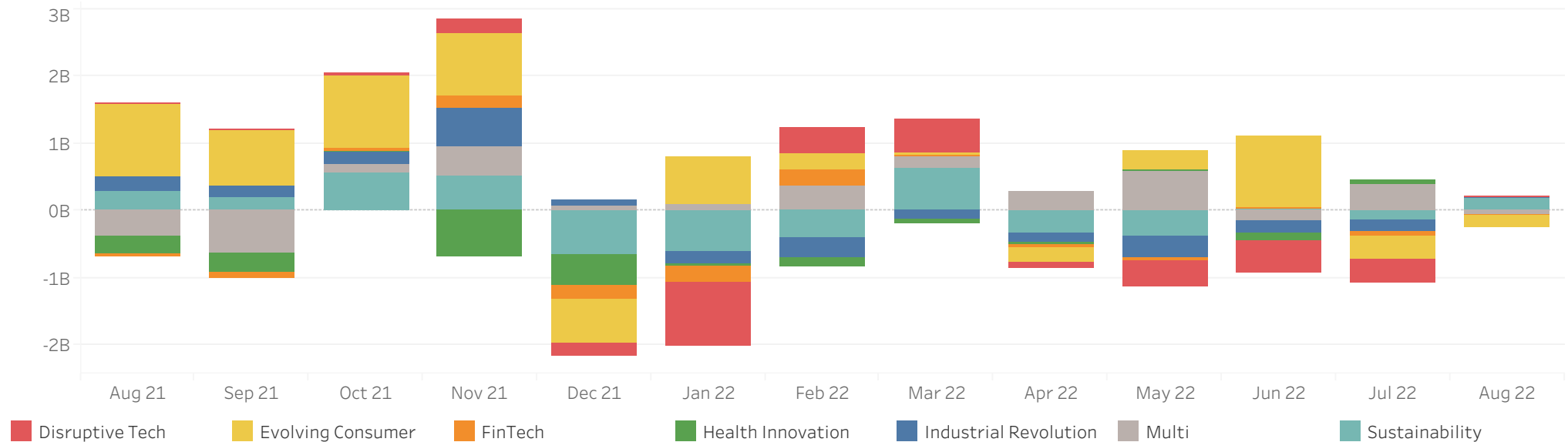
Thematic 1 Week Flow Laggards

Ticker	Fund	
KWEB	KraneShares CSI China Internet ETF	(\$246M)
ARKG	ARK Genomic Revolution ETF	(\$52M)
IPAY	ETFMG Prime Mobile Payments ETF	(\$19M)
ARKK	ARK Innovation ETF	(\$19M)
FINX	Global X FinTech ETF	(\$16M)
IBUY	Amplify Online Retail ETF	(\$13M)
WCLD	WisdomTree Cloud Computing Fund	(\$13M)
ARKW	ARK Next Generation Internet ETF	(\$8M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$8M)
NXTG	First Trust Indxx NextG ETF	(\$7M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$19B	\$1M	(\$1,164M)	(\$340M)	(\$1,262M)
Evolving Consumer	48	\$11B	(\$225M)	\$836M	\$871M	\$4,889M
FinTech	24	\$3B	(\$32M)	(\$149M)	\$4M	(\$289M)
Health Innovation	19	\$4B	(\$34M)	(\$7M)	(\$245M)	(\$1,929M)
Industrial Revolution	32	\$13B	(\$3M)	(\$667M)	(\$1,082M)	(\$194M)
Multi	42	\$17B	\$0M	\$865M	\$1,857M	\$1,309M
Sustainability	42	\$20B	\$259M	(\$255M)	(\$334M)	(\$85M)
Grand Total	242	\$86B	(\$35M)	(\$542M)	\$731M	\$2,438M

Thematic Monthly Flows

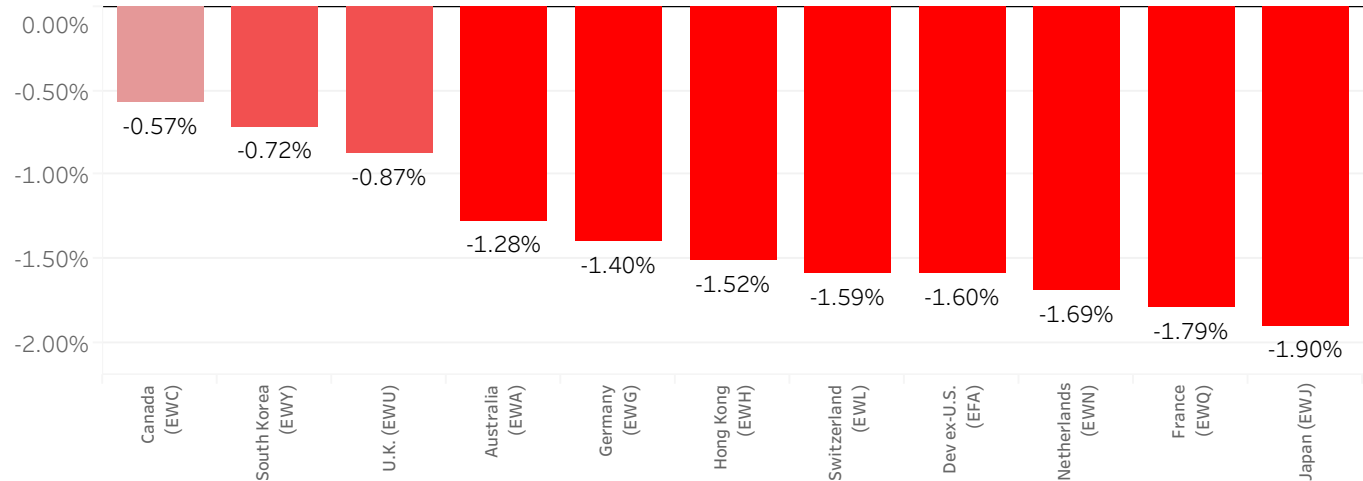


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



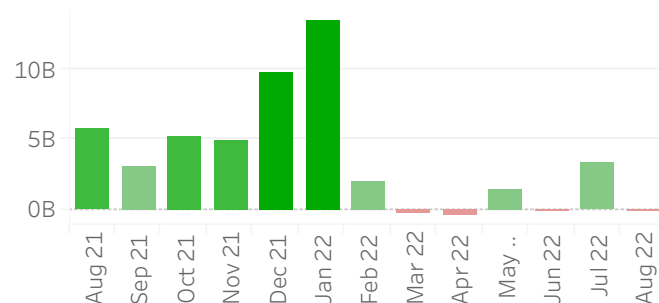
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	Performance
ISRA	VanEck Israel ETF	0.15%
CIL	VictoryShares International Volatility Wtd ETF	0.08%
GREK	Global X MSCI Greece ETF	0.00%
PTIN	Pacer Trendpilot International ETF	0.00%
AIA	iShares Asia 50 ETF	-0.07%
EWS	iShares MSCI Singapore ETF	-0.27%
FLCA	Franklin FTSE Canada ETF	-0.41%
LVHI	Franklin International Low Volatility High Dividend Index ETF	-0.46%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-0.53%
EIS	iShares MSCI Israel ETF	-0.55%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
ENZL	iShares MSCI New Zealand ETF	64.64
SCJ	iShares MSCI Japan Small-Cap ETF	63.70
DFJ	WisdomTree Japan SmallCap Dividend Fund	63.55
EWS	iShares MSCI Singapore ETF	63.52
ISRA	VanEck Israel ETF	62.87
EFAD	ProShares MSCI EAFE Dividend Growers ETF	62.79
GREK	Global X MSCI Greece ETF	61.97
IMOM	Alpha Architect International Quantitative Momentum ETF	61.89
TOK	iShares MSCI Kokusai ETF	61.39
BBJP	JPMorgan BetaBuilders Japan ETF	60.57

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	Performance
EWD	iShares MSCI Sweden ETF	-2.42%
IVAL	Alpha Architect International Quantitative Value ETF	-2.38%
EIRL	iShares MSCI Ireland ETF	-2.07%
IEUS	iShares MSCI Europe Small-Cap ETF	-2.05%
DFE	WisdomTree Europe SmallCap Dividend Fund	-2.03%
BBJP	JPMorgan BetaBuilders Japan ETF	-1.96%
SCZ	iShares MSCI EAFE Small-Cap ETF	-1.92%
JPNX	iShares JPX-Nikkei 400 ETF	-1.92%
EWJ	iShares MSCI Japan ETF	-1.90%
DLS	WisdomTree International SmallCap Dividend Fund	-1.87%

Developed ex-U.S. Most Oversold

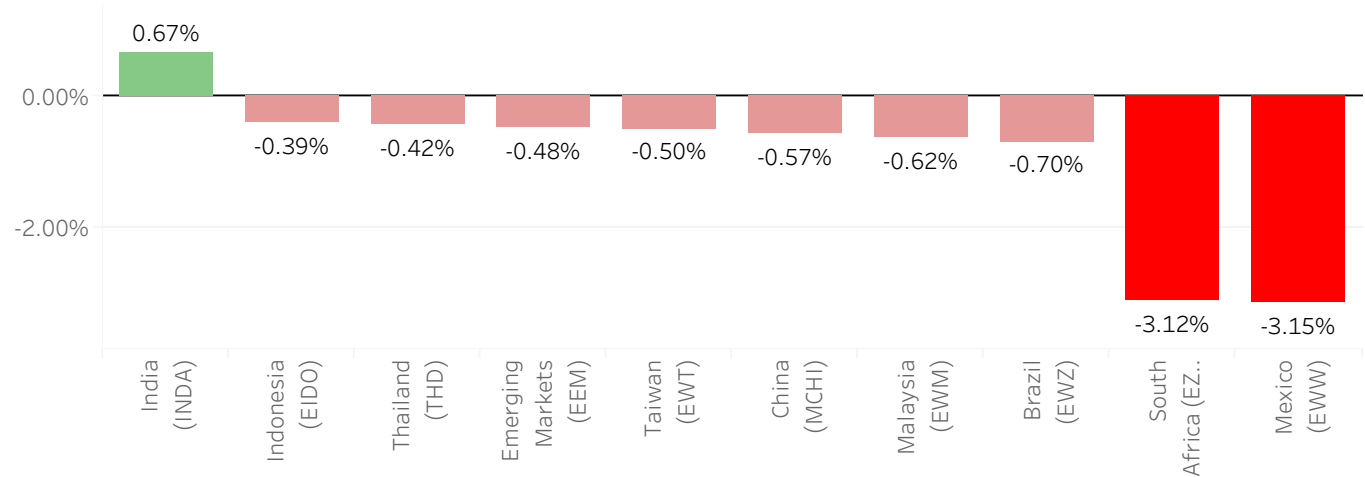
Ticker	Fund	Value
EWH	iShares MSCI Hong Kong ETF	35.63
AIA	iShares Asia 50 ETF	38.60
AAXJ	iShares MSCI All Country Asia ex Japan ETF	43.23
EWP	iShares MSCI Spain ETF	46.45
IDOG	ALPS International Sector Dividend Dogs ETF	47.97
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	49.25
EWO	iShares MSCI Austria ETF	49.45
DTH	WisdomTree International High Dividend Fund	49.54
FIDI	Fidelity International High Dividend ETF	50.01
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	50.42

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

Emerging (EEM)



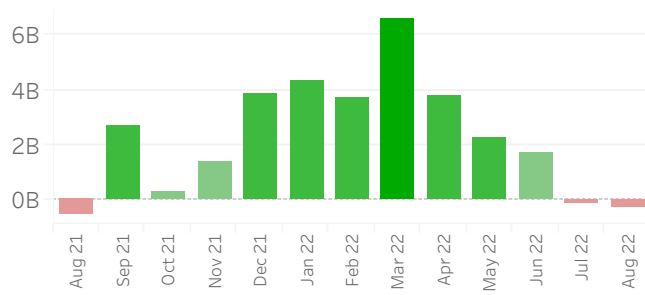
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
PGJ	Invesco Golden Dragon China ETF	1.37%
SMIN	iShares MSCI India Small Cap ETF	1.03%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	0.92%
EPI	WisdomTree India Earnings Fund	0.87%
EPHE	iShares MSCI Philippines ETF	0.86%
FLIN	Franklin FTSE India ETF	0.81%
INDY	iShares India 50 ETF	0.74%
PIN	Invesco India ETF	0.68%
INDA	iShares MSCI India ETF	0.67%
FNI	First Trust Chindia ETF	0.50%

Emerging Most Overbought

Ticker	Fund	Value
PIN	Invesco India ETF	73.44
FLIN	Franklin FTSE India ETF	72.85
NFTY	First Trust India NIFTY 50 Equal Weight ETF	72.53
INDA	iShares MSCI India ETF	71.22
INDY	iShares India 50 ETF	70.94
SMIN	iShares MSCI India Small Cap ETF	70.14
EPI	WisdomTree India Earnings Fund	69.58
QAT	iShares MSCI Qatar ETF	66.37
KSA	iShares MSCI Saudi Arabia ETF	64.89
EIDO	iShares MSCI Indonesia ETF	62.46

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EWZ	iShares MSCI Mexico ETF	-3.15%
EZA	iShares MSCI South Africa ETF	-3.12%
EPOL	iShares MSCI Poland ETF	-3.03%
EWZS	iShares MSCI Brazil Small-Cap ETF	-1.76%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	-1.58%
DVYE	iShares Emerging Markets Dividend ETF	-1.52%
ECH	iShares MSCI Chile ETF	-1.40%
RAYC	Rayliant Quantamental China Equity ETF	-1.34%
FLLA	Franklin FTSE Latin America ETF	-1.31%
PIE	Invesco DWA Emerging Markets Momentum ETF	-1.23%

Emerging Most Oversold

Ticker	Fund	Value
ECNS	iShares MSCI China Small-Cap ETF	27.95
GXC	SPDR S&P China ETF	30.91
FLCH	Franklin FTSE China ETF	31.54
MCHI	iShares MSCI China ETF	31.89
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	32.88
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	32.88
RAYC	Rayliant Quantamental China Equity ETF	32.96
FXI	iShares China Large-Cap ETF	32.97
CNYA	iShares MSCI China A ETF	33.29
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	33.35

*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	-1.03%	1.00%	-8.51%
SHY	1-3 Year Treasury Bonds	-0.35%	-0.24%	-2.94%
IEF	7-10 Year Treasury Bonds	-1.38%	1.05%	-8.65%
TLT	20+ Year Treasury Bonds	-2.12%	1.63%	-19.80%
TIP	TIPS Bonds	-1.18%	1.49%	-6.20%
FLOT	Floating Rate Bonds	0.04%	0.54%	-0.71%
LQD	Investment Grade Corporate	-1.22%	2.08%	-13.25%
HYG	High Yield Corporate	-0.46%	5.23%	-8.39%
BKLN	Senior Loan	0.05%	3.09%	-3.08%
PFF	Preferred & Income Securities	0.81%	6.56%	-8.78%
MUB	Municipal Bonds	-0.14%	1.83%	-5.79%
MBB	MBS	-1.31%	1.41%	-6.65%
EMB	Dollar Denominated EM Bonds	-1.45%	1.14%	-18.25%
LEMB	Local Currency EM Bond	-1.05%	-0.62%	-13.59%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-2.55%	0.17%	21.05%
DBE	Energy	0.12%	-6.20%	46.08%
USO	WTI Crude Oil	1.06%	-7.03%	39.68%
BNO	Brent Crude Oil	0.51%	-6.06%	49.78%
UNG	Natural Gas	-7.33%	36.77%	111.45%
UGA	Gasoline	1.98%	-12.70%	49.76%
DBP	Precious Metals	-0.65%	-2.08%	-6.96%
GLD	Gold	-0.59%	-2.54%	-4.04%
SLV	Silver	-2.02%	0.55%	-14.41%
PPLT	abrdn Physical Platin..	-1.14%	1.07%	-7.14%
PALL	abrdn Physical Palla..	-6.32%	5.20%	8.13%
DBB	Base Metals	-1.79%	-0.41%	-13.70%
CPER	Copper	-1.31%	-3.53%	-22.64%
LD	Lead	0.70%	5.79%	-10.72%
JJN	Nickel	-8.53%	1.05%	8.04%
JJU	Aluminum	-1.53%	-3.62%	-14.25%
JJT	Tin	-3.19%	-8.13%	-36.68%
DBA	Agriculture	-1.40%	-1.50%	-0.35%
CORN	Corn	-2.47%	-2.32%	11.61%
SOYB	Soybeans	-1.56%	-0.46%	13.89%
WEAT	Wheat	-3.23%	-6.26%	9.47%
CANE	Sugar	0.69%	-3.51%	-4.35%
BAL	Cotton	0.55%	-2.33%	1.18%
NIB	Cocoa	-1.06%	0.46%	-14.76%
JO	Coffee	-1.47%	-6.94%	-6.93%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.64%	1.11%	10.65%
UDN	Short Dollar	-0.83%	-1.13%	-10.36%
FXE	Euro	-0.89%	-2.59%	-11.16%
FXB	British Pound Sterling	-0.71%	0.60%	-10.15%
FXF	Swiss Franc	-0.71%	0.21%	-5.36%
FXJ	Japanese Yen	-1.13%	1.56%	-13.76%
FXC	Canadian Dollar	-0.22%	0.17%	-1.97%
FXA	Australian Dollar	-1.46%	1.46%	-4.93%

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