

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

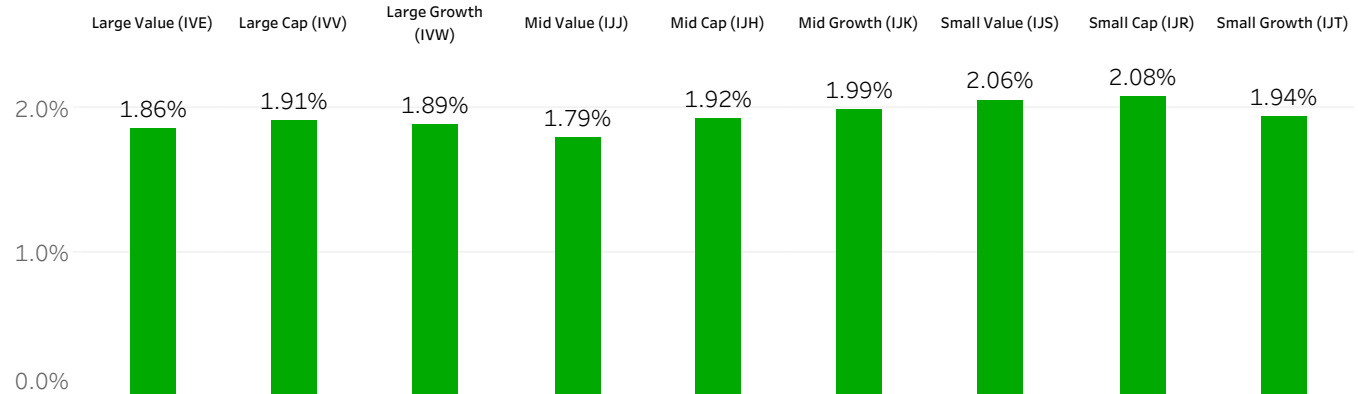


Small Cap Blend (S&P 600) IJR



■ 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
SPVU	Invesco S&P 500 Enhanced Value ETF	3.13%
EQRR	ProShares Equities for Rising Rates ETF	3.03%
BUZZ	VanEck Social Sentiment ETF	2.87%
SPHB	Invesco S&P 500 High Beta ETF	2.78%
RDVY	First Trust Rising Dividend Achievers ETF	2.65%
SHE	SPDR SSGA Gender Diversity Index ETF	2.63%
VFVA	Vanguard U.S. Value Factor ETF	2.62%
TMFM	Motley Fool Mid-Cap Growth ETF	2.61%
DUSA	Davis Select U.S. Equity ETF	2.57%
XSVM	Invesco S&P SmallCap Value with Momentum ETF	2.52%

Size & Style Most Overbought

Ticker	Fund	Value
PTNQ	Pacer Trendpilot 100 ETF	54.37
NZUS	SPDR MSCI USA Climate Paris Aligned ETF	53.76
QQXT	First Trust Nasdaq-100 Ex-Technology Sector Index Fund	53.15
FDM	First Trust Dow Jones Select MicroCap Index Fund	52.86
SMMV	iShares MSCI USA Small-Cap Min Vol Factor ETF	52.78
JSMD	Janus Henderson Small/Mid Cap Growth Alpha ETF	52.75
IWY	iShares Russell Top 200 Growth ETF	52.50
OUSA	ALPS O'Shares U.S. Quality Dividend ETF	52.48
QQQ	Invesco QQQ Trust	52.42
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	52.38

Size & Style 1-Day Performance Laggards

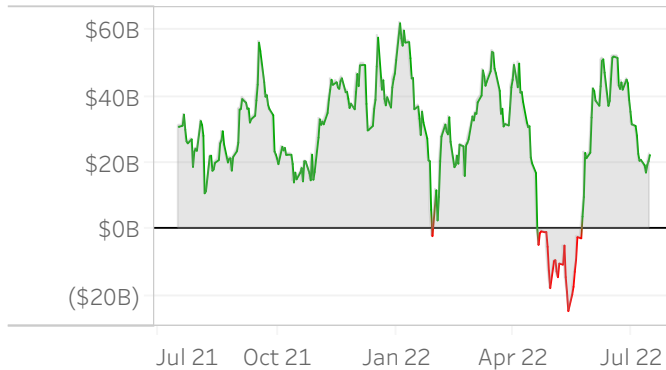
Ticker	Fund	1-Day Performance
PTMC	Pacer Trendpilot US Mid Cap ETF	-0.03%
LGH	HCM Defender 500 Index ETF	-0.03%
LFEQ	VanEck Long/Flat Trend ETF	0.00%
PTLC	Pacer Trendpilot US Large Cap ETF	0.00%
QQH	HCM Defender 100 Index ETF	0.00%
SPC	CrossingBridge Pre-Merger SPAC ETF	0.05%
RPHS	Regents Park Hedged Market Strategy ETF	0.11%
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	0.20%
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	0.29%
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	0.38%

Size & Style Most Oversold

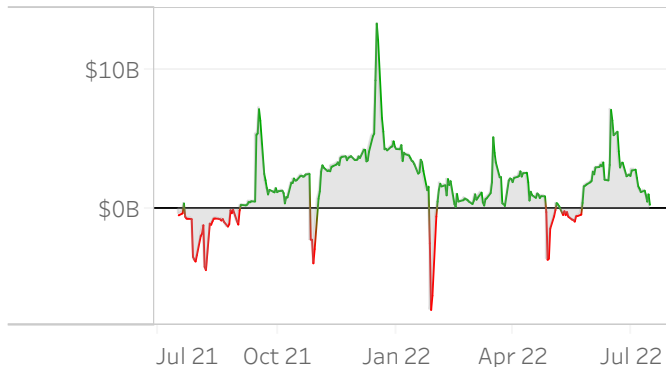
Ticker	Fund	Value
LGH	HCM Defender 500 Index ETF	32.22
QQH	HCM Defender 100 Index ETF	36.32
ABEQ	Absolute Core Strategy ETF	37.56
CSD	Invesco S&P Spin-Off ETF	38.06
LFEQ	VanEck Long/Flat Trend ETF	39.25
FFTY	Innovator IBD 50 ETF	39.54
RUFF	Alpha Dog ETF	39.59
SPDV	AAM S&P 500 High Dividend Value ETF	40.08
EQRR	ProShares Equities for Rising Rates ETF	40.36
WBIY	WBI Power Factor High Dividend ETF	40.38

*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	24	\$1,146B	\$3.48B	\$19.35B	\$33.66B	\$120.65B
Large Cap, Beta Growth, Beta: Growth	9	\$212B	\$0.35B	\$5.10B	\$8.47B	\$16.08B
Large Cap, Beta Growth, Beta: Value	10	\$206B	\$0.05B	\$4.52B	\$15.34B	\$27.72B
Mid Cap, Beta, Beta	10	\$161B	\$0.25B	\$3.08B	\$4.95B	\$11.85B
Mid Cap, Beta, Beta: Growth	6	\$29B	(\$0.01B)	\$0.22B	(\$0.25B)	\$0.54B
Mid Cap, Beta, Beta: Value	6	\$36B	(\$0.09B)	(\$0.22B)	(\$0.21B)	\$0.76B
Small Cap, Beta, Beta	13	\$173B	(\$1.77B)	(\$4.78B)	(\$4.99B)	\$6.04B
Small Cap, Beta, Beta: Growth	7	\$29B	(\$0.33B)	\$0.61B	\$0.75B	\$1.43B
Small Cap, Beta, Beta: Value	7	\$47B	(\$0.30B)	(\$0.01B)	(\$2.68B)	(\$1.67B)

U.S. Size & Style Flow Leaders

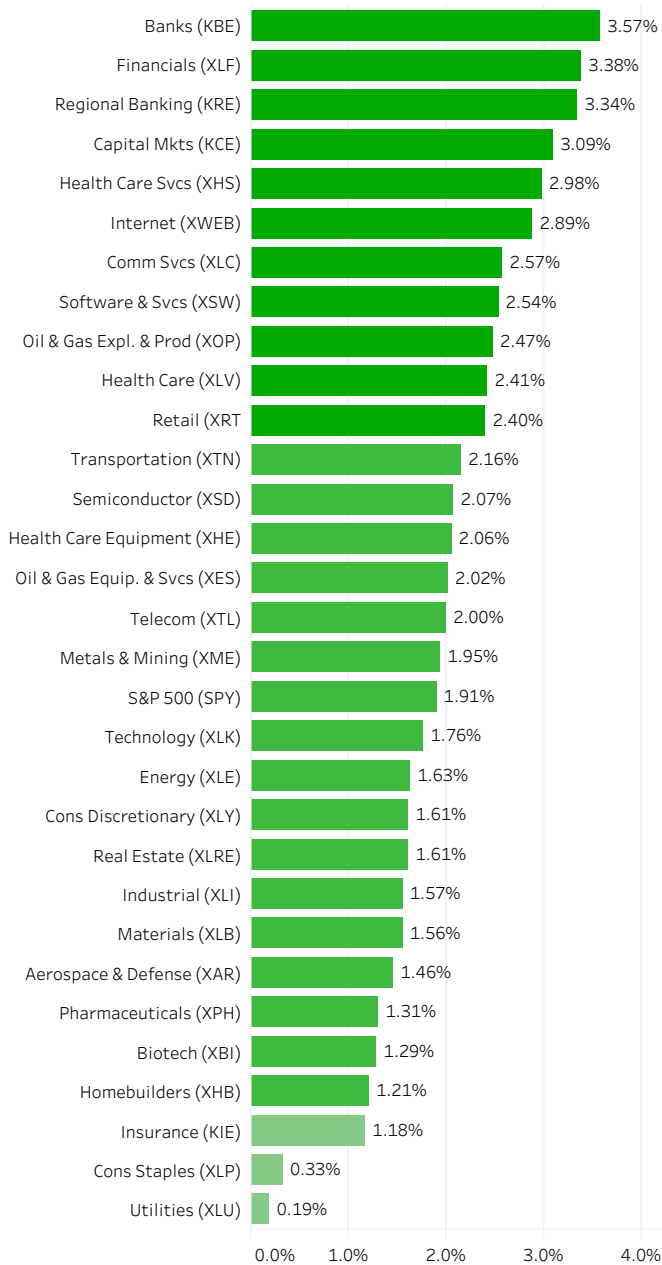
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	\$1.92B	\$5.88B	\$4.98B	\$17.76B	\$158.72B
SPY	SPDR S&P 500 ETF Trust	\$0.57B	(\$2.40B)	(\$21.20B)	\$13.58B	\$342.46B
VOO	Vanguard S&P 500 ETF	\$0.47B	\$9.16B	\$28.34B	\$44.49B	\$247.07B
VUG	Vanguard Growth ETF	\$0.36B	\$2.81B	\$5.37B	\$6.96B	\$68.89B
VTV	Vanguard Value ETF	\$0.28B	\$3.57B	\$11.84B	\$18.04B	\$93.53B
VTI	Vanguard Total Stock Market ETF	\$0.22B	\$4.42B	\$11.71B	\$35.81B	\$245.86B
IVV	iShares Core S&P 500 ETF	\$0.19B	\$5.02B	\$16.23B	\$30.37B	\$280.07B
DGRW	WisdomTree US Quality Dividend Growth Fund	\$0.18B	(\$0.07B)	\$0.10B	\$0.58B	\$6.27B
VIOO	Vanguard S&P Small-Cap 600 ETF	\$0.18B	\$0.05B	\$0.17B	\$0.36B	\$1.78B
SCHD	Schwab US Dividend Equity ETF	\$0.16B	\$3.26B	\$6.79B	\$10.82B	\$34.46B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VB	Vanguard Small-Cap ETF	(\$0.81B)	(\$1.02B)	(\$1.05B)	\$1.93B	\$38.16B
IWM	iShares Russell 2000 ETF	(\$0.41B)	(\$0.18B)	(\$2.33B)	(\$1.69B)	\$49.30B
SCHA	Schwab U.S. Small-Cap ETF	(\$0.41B)	(\$1.05B)	(\$0.59B)	\$0.36B	\$12.49B
VBK	Vanguard Small-Cap Growth ETF	(\$0.27B)	\$0.03B	\$0.06B	\$0.65B	\$11.58B
IVE	iShares S&P 500 Value ETF	(\$0.25B)	\$0.59B	\$1.54B	\$2.70B	\$22.81B
VBR	Vanguard Small Cap Value ETF	(\$0.22B)	(\$0.61B)	(\$1.06B)	\$0.55B	\$21.51B
VTWO	Vanguard Russell 2000 ETF	(\$0.22B)	(\$1.11B)	(\$0.55B)	\$0.75B	\$4.91B
IVW	iShares S&P 500 Growth ETF	(\$0.16B)	(\$1.16B)	(\$1.03B)	(\$0.33B)	\$28.52B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.14B)	(\$0.27B)	(\$0.05B)	(\$0.35B)	\$26.22B
SPSM	SPDR Portfolio S&P 600 Small Cap ETF	(\$0.09B)	(\$0.07B)	\$0.25B	\$0.55B	\$3.85B

* 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)
XLV	Health Care Select Sector SPDR Fund	-8.84%	8.60%	1.59%	-1.45%	55.78
XLU	Utilities Select Sector SPDR Fund	-9.36%	9.75%	-1.48%	-0.18%	48.85
XLP	Consumer Staples Select Sector SPDR Fund	-9.47%	6.02%	0.06%	-1.91%	53.57
XLI	Industrial Select Sector SPDR Fund	-18.93%	1.57%	-3.80%	-12.48%	43.67
SPY	SPDR S&P 500 ETF Trust	-19.38%	5.27%	-1.51%	-11.51%	49.75
XLB	Materials Select Sector SPDR Fund	-20.49%	1.56%	-9.19%	-14.85%	35.18
XLRE	Real Estate Select Sector SPDR Fund	-20.86%	5.53%	-2.00%	-11.43%	46.75
XLF	Financial Select Sector SPDR Fund	-23.27%	3.38%	-3.31%	-14.82%	46.85
XLK	Technology Select Sector SPDR Fund	-25.06%	7.20%	-0.17%	-13.23%	53.03
XLE	Energy Select Sector SPDR Fund	-25.67%	49.79%	-13.32%	-0.68%	36.65
XLY	Consumer Discretionary Select Sector SPDR Fund	-31.49%	7.58%	-0.15%	-18.67%	51.79
XLC	Communication Services Select Sector SPDR Fund	-35.61%	4.39%	-2.59%	-19.50%	47.79

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
KBWB	Invesco KBW Bank ETF	5.65%
FTXO	First Trust Nasdaq Bank ETF	4.59%
KBE	SPDR S&P Bank ETF	3.57%
XLF	Financial Select Sector SPDR Fund	3.38%
FNCL	Fidelity MSCI Financials Index ETF	3.35%
VFH	Vanguard Financials ETF	3.34%
KRE	SPDR S&P Regional Banking ETF	3.34%
KBWR	Invesco KBW Regional Banking ETF	3.33%
RYF	Invesco S&P 500 Equal Weight Financials ETF	3.20%
FDN	First Trust Dow Jones Internet Index Fund	3.19%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
PTH	Invesco DWA Healthcare Momentum ETF	63.31
XHS	SPDR S&P Health Care Services ETF	62.29
XBI	SPDR S&P BIOTECH ETF	61.43
PSCH	Invesco S&P SmallCap Health Care ETF	58.79
PBE	Invesco Dynamic Biotechnology & Genome ETF	58.66
IBB	iShares Biotechnology ETF	58.39
PJP	Invesco Dynamic Pharmaceuticals ETF	57.97
PKB	Invesco Dynamic Building & Construction ETF	57.07
XPH	SPDR S&P Pharmaceuticals ETF	56.59
FHLC	Fidelity MSCI Health Care Index ETF	56.54

Sector & Industry 1 Day Performance Laggards

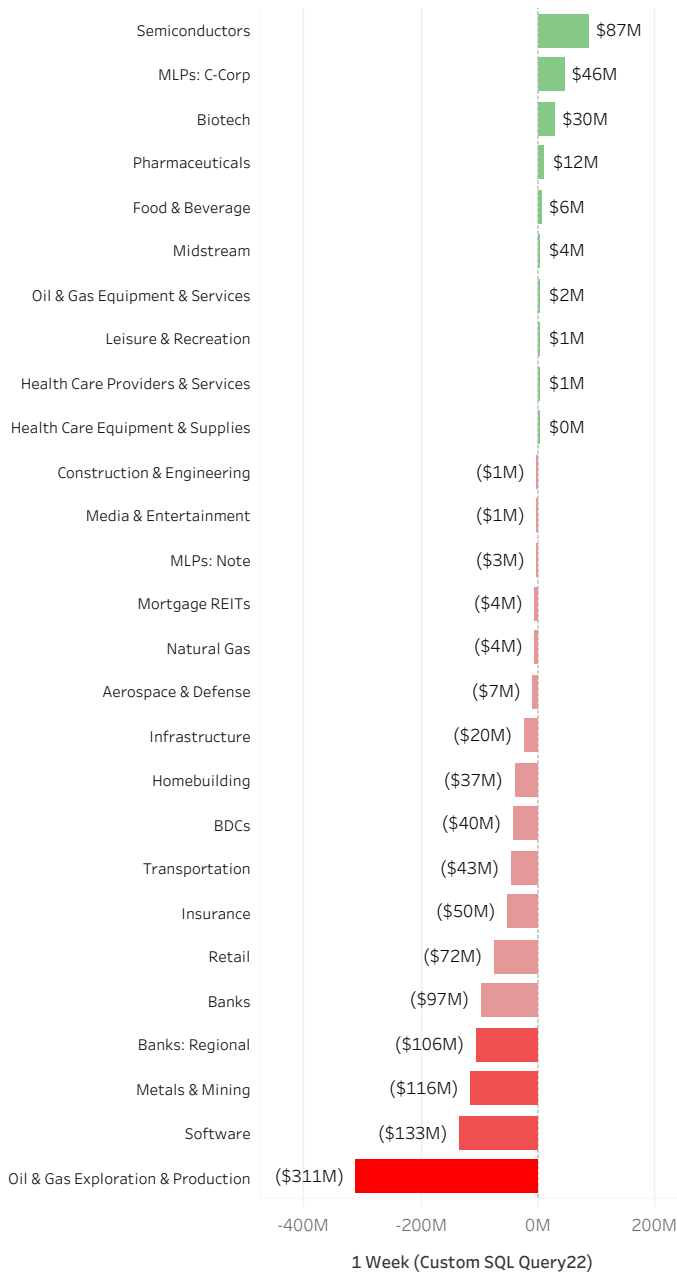
Ticker	Fund	1 Day Performance
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	0.14%
XLU	Utilities Select Sector SPDR Fund	0.19%
FUTY	Fidelity MSCI Utilities Index ETF	0.27%
RYU	Invesco S&P 500 Equal Weight Utilities ETF	0.33%
XLP	Consumer Staples Select Sector SPDR Fund	0.33%
VPU	Vanguard Utilities ETF	0.40%
VDC	Vanguard Consumer Staples ETF	0.47%
PUI	Invesco DWA Utilities Momentum ETF	0.50%
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPL..	0.50%
FXU	First Trust Utilities AlphaDEX Fund	0.53%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XES	SPDR S&P Oil & Gas Equipment & Services ETF	32.71
FXZ	First Trust Materials AlphaDEX Fund	34.58
XLB	Materials Select Sector SPDR Fund	35.18
KBWP	Invesco KBW Property & Casualty Insurance ETF	35.33
PYZ	Invesco DWA Basic Materials Momentum ETF	35.42
VAW	Vanguard Materials ETF	36.03
FMAT	Fidelity MSCI Materials Index ETF	36.43
XLE	Energy Select Sector SPDR Fund	36.65
PSCE	Invesco S&P SmallCap Energy ETF	37.00
RTM	Invesco S&P 500 Equal Weight Materials ETF	37.08

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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	8	\$13B	\$143M	(\$17M)	(\$506M)	(\$16M)
Consumer Discretionary	12	\$21B	(\$623M)	(\$3,024M)	(\$5,780M)	(\$5,574M)
Consumer Staples	11	\$27B	\$382M	\$1,760M	\$4,433M	\$7,222M
Energy	31	\$64B	(\$478M)	(\$3,616M)	(\$2,246M)	\$1,371M
Financials	23	\$53B	(\$1,229M)	(\$11,821M)	(\$18,214M)	(\$10,147M)
Health Care	22	\$89B	\$586M	\$3,915M	\$7,222M	\$13,658M
Industrial	11	\$26B	(\$231M)	(\$2,583M)	(\$3,735M)	(\$5,954M)
Materials	9	\$13B	(\$560M)	(\$2,264M)	(\$369M)	(\$1,958M)
Multi-Sector	17	\$14B	(\$68M)	(\$316M)	(\$5,034M)	(\$3,151M)
Real Estate	23	\$65B	(\$181M)	(\$2,385M)	(\$5,179M)	\$3,094M
Technology	23	\$114B	(\$163M)	(\$1,481M)	(\$1,733M)	\$5,073M
Utilities	9	\$26B	\$664M	\$2,921M	\$5,108M	\$5,970M

U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	\$486M	\$2,505M	\$4,949M	\$8,606M	\$37,991M
XLU	Utilities Select Sector SPDR Fund	\$376M	\$2,265M	\$3,513M	\$3,972M	\$16,386M
FUTY	Fidelity MSCI Utilities Index ETF	\$281M	\$738M	\$893M	\$933M	\$2,040M
VDC	Vanguard Consumer Staples ETF	\$271M	\$170M	\$409M	\$1,014M	\$6,669M
XLC	Communication Services Select Sector SPDR Fu..	\$110M	\$347M	(\$182M)	\$262M	\$9,381M
XLP	Consumer Staples Select Sector SPDR Fund	\$101M	(\$51M)	\$1,734M	\$3,772M	\$15,286M
SOXX	iShares Semiconductor ETF	\$87M	(\$323M)	(\$190M)	\$1,421M	\$6,514M
ICF	iShares Cohen & Steers REIT ETF	\$52M	\$75M	\$146M	\$318M	\$2,494M
VGT	Vanguard Information Technology ETF	\$50M	\$239M	\$358M	\$1,942M	\$41,501M
XBI	SPDR S&P BIOTECH ETF	\$46M	\$1,284M	\$2,428M	\$3,581M	\$7,558M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$892M)	(\$7,493M)	(\$11,221M)	(\$5,611M)	\$27,301M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$497M)	(\$1,400M)	(\$3,104M)	(\$1,904M)	\$13,727M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$305M)	(\$934M)	(\$778M)	(\$780M)	\$3,870M
VNQ	Vanguard Real Estate ETF	(\$227M)	(\$2,102M)	(\$1,732M)	\$948M	\$37,625M
XLB	Materials Select Sector SPDR Fund	(\$217M)	(\$750M)	(\$1,211M)	(\$2,218M)	\$5,643M
VAW	Vanguard Materials ETF	(\$193M)	(\$614M)	(\$652M)	(\$516M)	\$2,745M
IGV	iShares Expanded Tech-Software Sector ETF	(\$132M)	\$369M	\$419M	\$1,398M	\$4,363M
XLI	Industrial Select Sector SPDR Fund	(\$126M)	(\$1,178M)	(\$3,650M)	(\$4,982M)	\$11,746M
XME	SPDR S&P Metals & Mining ETF	(\$116M)	(\$731M)	(\$45M)	\$24M	\$1,775M
XLK	Technology Select Sector SPDR Fund	(\$112M)	(\$678M)	(\$256M)	\$1,817M	\$38,627M

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Communication Services



Consumer Discretionary



Consumer Staples



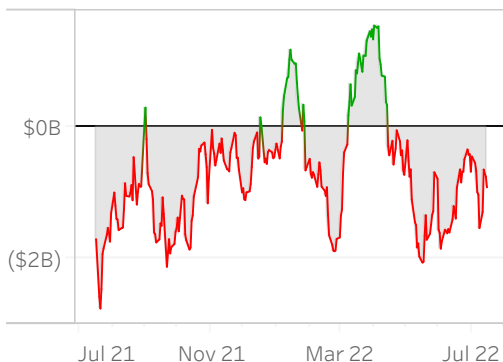
Energy



Financials



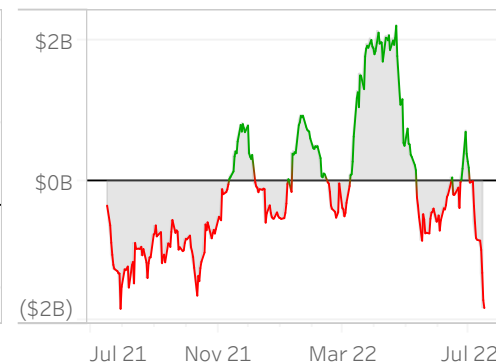
Industrial



Health Care



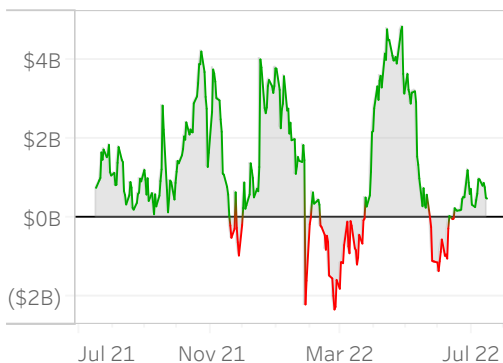
Materials



Real Estate



Technology



Utilities

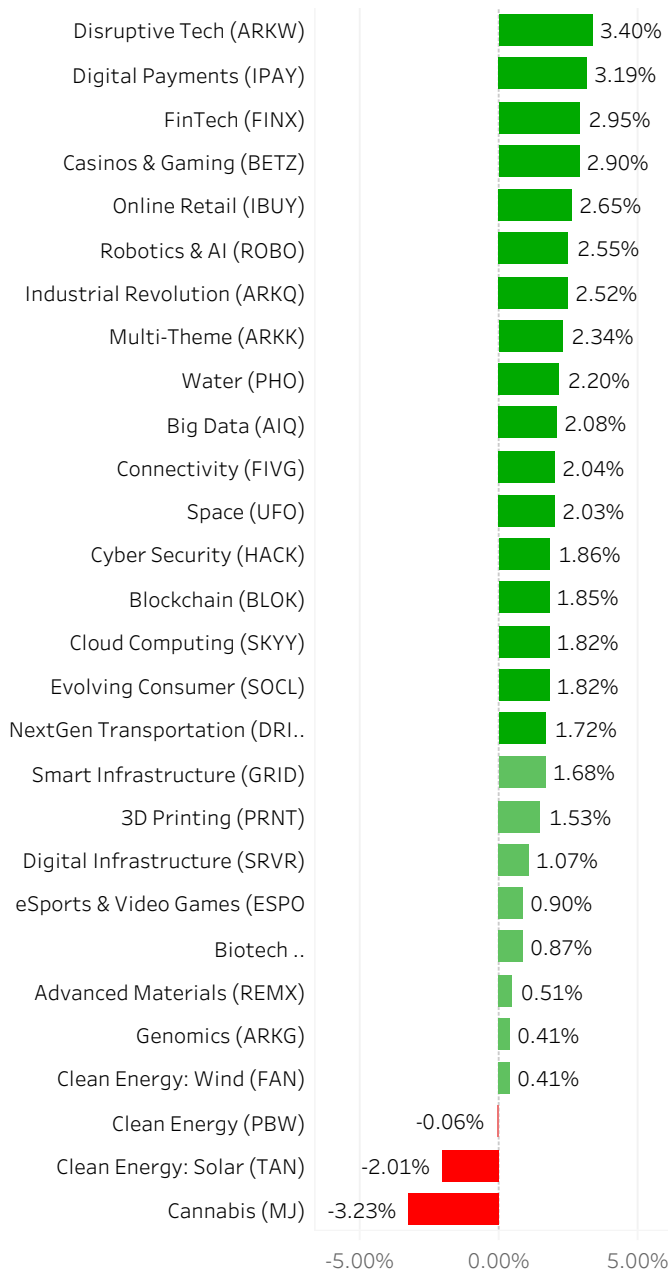


Multi-Sector

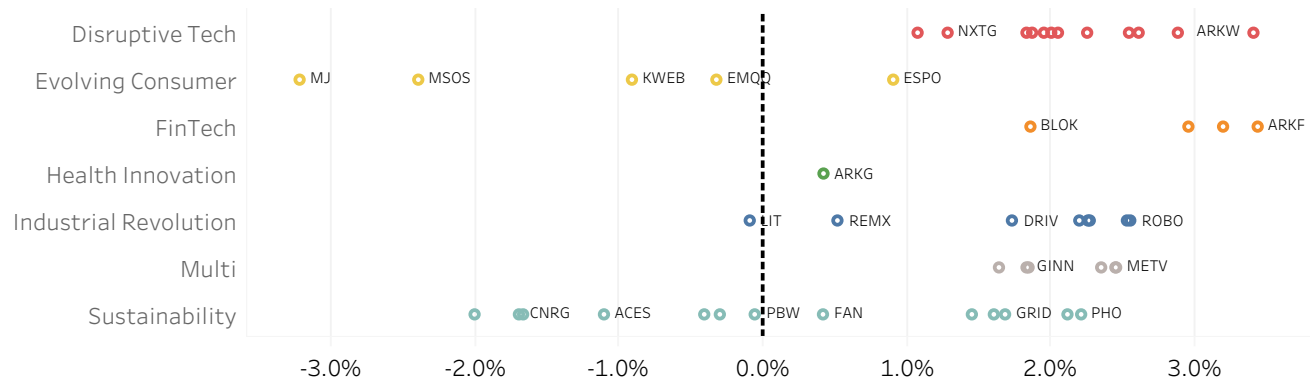


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
ARKF	ARK Fintech Innovation ETF	3.43%
ARKW	ARK Next Generation Internet ETF	3.40%
IPAY	ETFMG Prime Mobile Payments ETF	3.19%
FINX	Global X FinTech ETF	2.95%
BITQ	Bitwise Crypto Industry Innovators ETF	2.93%
BETZ	Roundhill Sports Betting & iGaming ETF	2.90%
SNSR	Global X Internet of Things ETF	2.88%
BJK	VanEck Gaming ETF	2.85%
XITK	SPDR FactSet Innovative Technology ETF	2.80%
IBUY	Amplify Online Retail ETF	2.65%

Thematic Most Overbought

Ticker	Fund	Price
GNOM	Global X Genomics & Biotechnology ETF	64.63
SBIO	ALPS Medical Breakthroughs ETF	60.03
IDNA	iShares Genomics Immunology and Healthcare ETF Genom..	59.77
BTEC	Principal Healthcare Innovators ETF	58.85
ARKG	ARK Genomic Revolution ETF	58.61
GDOC	Goldman Sachs Future Health Care Equity ETF	56.12
EDOC	Global X Telemedicine & Digital Health ETF Registered	54.93
HTEC	ROBO Global Healthcare Technology and Innovation ETF	54.50
ARKK	ARK Innovation ETF	51.93
FIVG	Defiance Next Gen Connectivity ETF	51.79

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
YOLO	AdvisorShares Pure Cannabis ETF	-3.99%
MJ	ETFMG Alternative Harvest ETF	-3.23%
MSOS	AdvisorShares Pure US Cannabis ETF	-2.40%
CTEC	Global X CleanTech ETF	-2.34%
TAN	Invesco Solar ETF	-2.01%
POTX	Global X Cannabis ETF	-1.88%
CNRG	SPDR S&P Kensho Clean Power ETF	-1.70%
ICLN	iShares Global Clean Energy ETF	-1.67%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-1.34%
ACES	ALPS Clean Energy ETF	-1.11%

Thematic Most Oversold

Ticker	Fund	Price
AWAY	ETFMG Travel Tech ETF	32.23
MJ	ETFMG Alternative Harvest ETF	37.20
REMX	VanEck Rare Earth/Strategic Metals ETF	38.49
LEGR	First Trust Indxx Innovative Transaction & Process ETF	38.68
HERO	Global X Video Games & Esports ETF	39.37
KWEB	KraneShares CSI China Internet ETF	40.20
GAMR	Wedbush ETFMG Video Game Tech ETF	40.27
SOCL	Global X Social Media ETF	40.73
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	40.87
BETZ	Roundhill Sports Betting & iGaming ETF	41.28

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Thematic 1 Week Flow Leaders

Ticker	Fund	
TAN	Invesco Solar ETF	\$84M
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR ETF	\$34M
ARKG	ARK Genomic Revolution ETF	\$26M
GNOM	Global X Genomics & Biotechnology ETF	\$16M
ARKW	ARK Next Generation Internet ETF	\$14M
MSOS	AdvisorShares Pure US Cannabis ETF	\$11M
EBLU	Ecofin Global Water ESG Fund	\$9M
LIT	Global X Lithium & Battery Tech ETF	\$8M
TARK	AXS 2X Innovation ETF	\$5M
TECB	iShares U.S. Tech Breakthrough Multisector ETF	\$3M

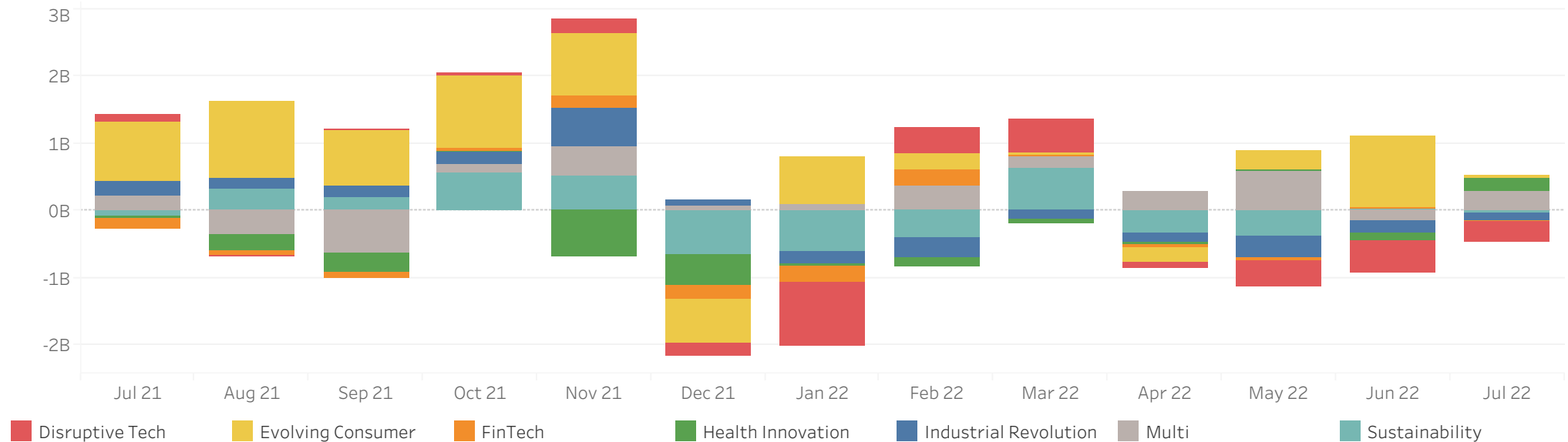
Thematic 1 Week Flow Laggards

Ticker	Fund	
SKYY	First Trust Cloud Computing ETF	(\$159M)
ONLN	ProShares Online Retail ETF	(\$57M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$54M)
ARKK	ARK Innovation ETF	(\$43M)
CLOU	Global X Cloud Computing ETF	(\$19M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$13M)
HERO	Global X Video Games & Esports ETF	(\$12M)
KWEB	KraneShares CSI China Internet ETF	(\$12M)
ICLN	iShares Global Clean Energy ETF	(\$10M)
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	(\$9M)

Thematic Landscape Assets & Flows

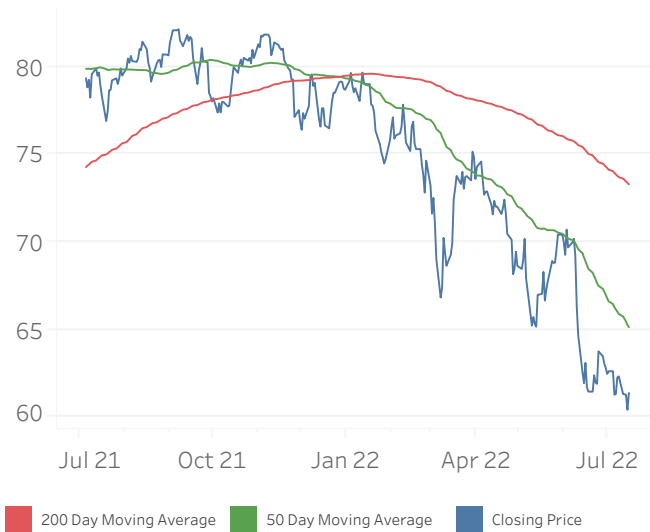
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$17B	(\$186M)	(\$1,067M)	(\$759M)	(\$1,146M)
Evolving Consumer	48	\$12B	(\$87M)	\$1,113M	\$1,384M	\$6,391M
FinTech	23	\$3B	(\$11M)	(\$114M)	\$68M	(\$377M)
Health Innovation	18	\$4B	\$23M	\$45M	(\$172M)	(\$1,871M)
Industrial Revolution	31	\$12B	(\$15M)	(\$706M)	(\$1,384M)	(\$13M)
Multi	41	\$15B	(\$1M)	\$1,024M	\$2,273M	\$1,504M
Sustainability	41	\$17B	\$19M	(\$692M)	(\$755M)	(\$198M)
Grand Total	236	\$80B	(\$258M)	(\$399M)	\$655M	\$4,291M

Thematic Monthly Flows

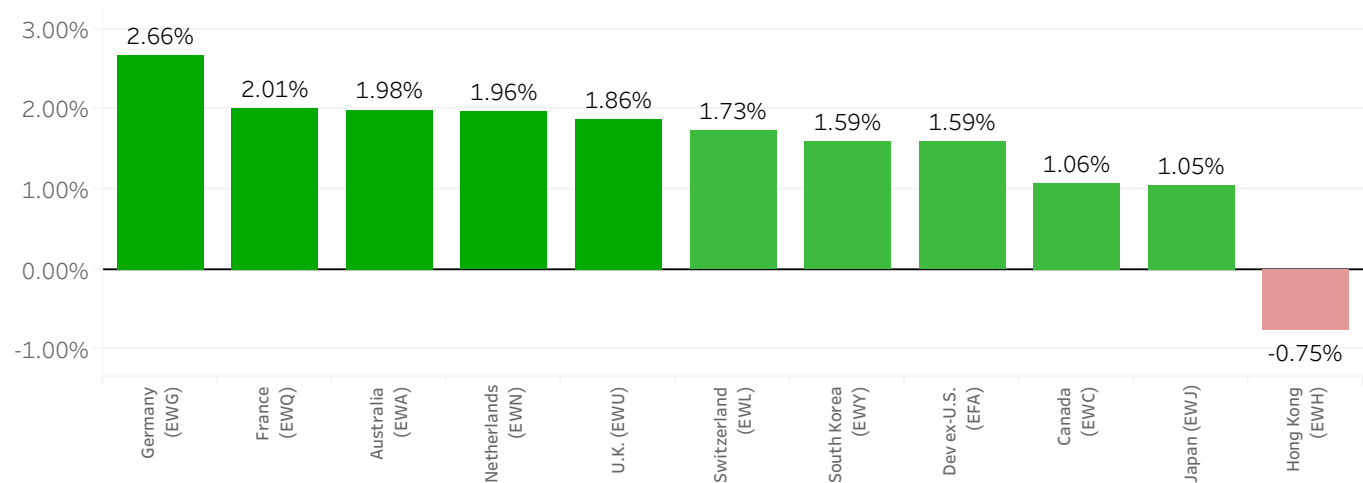


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



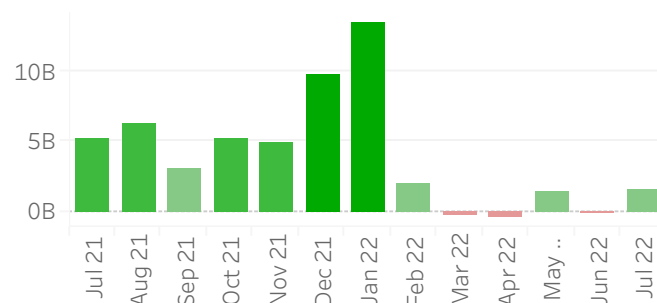
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
CIL	VictoryShares International Volatility Wtd ETF	5.90%
EWG	iShares MSCI Germany ETF	2.66%
FEZ	SPDR EURO STOXX 50 ETF	2.25%
EZU	iShares MSCI Eurozone ETF	2.22%
DMXF	iShares ESG Advanced MSCI EAFE ETF	2.17%
FLEE	Franklin FTSE Europe ETF	2.02%
EWQ	iShares MSCI France ETF	2.01%
IEUR	iShares Core MSCI Europe ETF	2.00%
EWI	iShares MSCI Italy ETF	2.00%
EWA	iShares MSCI Australia ETF	1.98%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	55.07
HEWJ	iShares Currency Hedged MSCI Japan ETF	53.98
DXJ	WisdomTree Japan Hedged Equity Fund	52.05
CIL	VictoryShares International Volatility Wtd ETF	51.22
ENZL	iShares MSCI New Zealand ETF	49.37
ISRA	VanEck Israel ETF	47.94
EFG	iShares MSCI EAFE Growth ETF	47.88
EIS	iShares MSCI Israel ETF	47.09
EDEN	iShares MSCI Denmark ETF	47.02
EWL	iShares MSCI Switzerland ETF	46.79

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWH	iShares MSCI Hong Kong ETF	-0.75%
GREK	Global X MSCI Greece ETF	-0.36%
PTIN	Pacer Trendpilot International ETF	-0.05%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	0.32%
FYLD	Cambria Foreign Shareholder Yield ETF	0.38%
DFJ	WisdomTree Japan SmallCap Dividend Fund	0.42%
AIA	iShares Asia 50 ETF	0.54%
ENZL	iShares MSCI New Zealand ETF	0.56%
EWJV	iShares MSCI Japan Value ETF	0.56%
SCJ	iShares MSCI Japan Small-Cap ETF	0.61%

Developed ex-U.S. Most Oversold

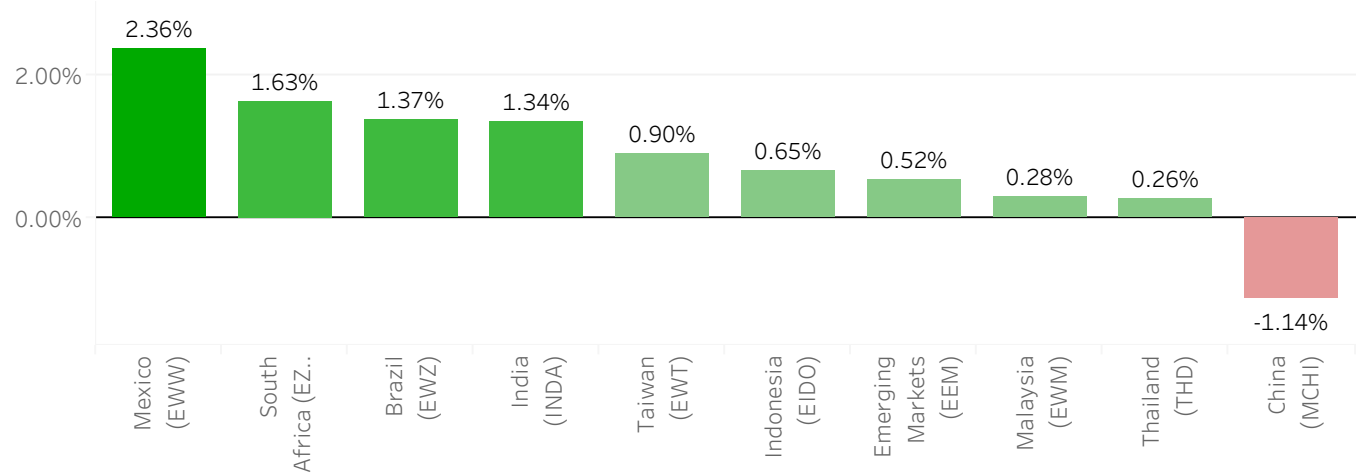
Ticker	Fund	Value
FYLD	Cambria Foreign Shareholder Yield ETF	28.76
DTH	WisdomTree International High Dividend Fund	30.17
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	30.84
FIDI	Fidelity International High Dividend ETF	30.84
IDV	iShares International Select Dividend ETF	31.64
EWI	iShares MSCI Italy ETF	31.86
DOL	WisdomTree International LargeCap Dividend Fund	31.91
DWM	WisdomTree International Equity Fund	32.02
DIM	WisdomTree International MidCap Dividend Fund	32.16
FDD	First Trust Stoxx European Select Dividend Index Fu..	32.19

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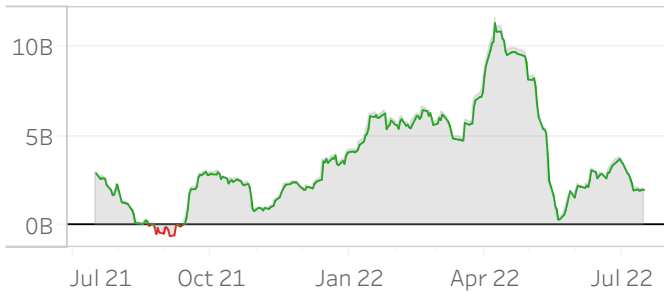
Emerging (EEM)



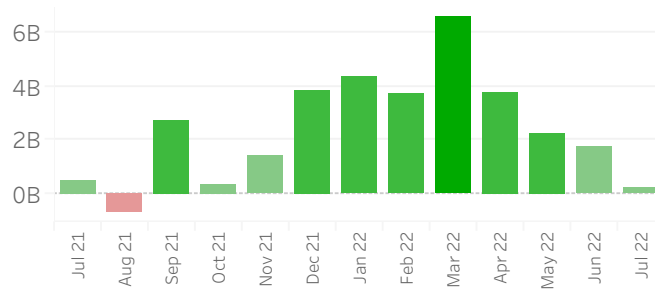
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
ECH	iShares MSCI Chile ETF	7.35%
FRDM	Freedom 100 Emerging Markets ETF	2.44%
EWW	iShares MSCI Mexico ETF	2.36%
ILF	iShares Latin America 40 ETF	2.05%
FLLA	Franklin FTSE Latin America ETF	1.89%
EZA	iShares MSCI South Africa ETF	1.63%
INDY	iShares India 50 ETF	1.54%
SMIN	iShares MSCI India Small Cap ETF	1.48%
PIN	Invesco India ETF	1.48%
FLIN	Franklin FTSE India ETF	1.45%

Emerging Most Overbought

Ticker	Fund	Value
SMIN	iShares MSCI India Small Cap ETF	56.12
PIN	Invesco India ETF	53.92
INDA	iShares MSCI India ETF	52.59
FLIN	Franklin FTSE India ETF	52.50
INDY	iShares India 50 ETF	50.32
PGJ	Invesco Golden Dragon China ETF	44.60
FNI	First Trust Chindia ETF	44.01
VNM	VanEck Vietnam ETF	43.92
ECH	iShares MSCI Chile ETF	43.89
KBA	KraneShares Boser MSCI China A 50 Connect Index E..	43.36

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
ECNS	iShares MSCI China Small-Cap ETF	-1.93%
KBA	KraneShares Boser MSCI China A 50 Connect Index ETF	-1.56%
CNYA	iShares MSCI China A ETF	-1.54%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-1.49%
RAYC	Rayliant Quantamental China Equity ETF	-1.45%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-1.32%
FLCH	Franklin FTSE China ETF	-1.15%
MCHI	iShares MSCI China ETF	-1.14%
GXC	SPDR S&P China ETF	-1.11%
EDIV	SPDR S&P Emerging Markets Dividend ETF	-1.00%

Emerging Most Oversold

Ticker	Fund	Value
DGS	WisdomTree Emerging Markets SmallCap Dividend F..	25.26
DEM	WisdomTree Emerging Markets High Dividend Fund	25.41
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	26.46
FEMS	First Trust Emerging Markets Small Cap AlphaDEX F..	27.44
EPD	iShares MSCI Peru ETF	27.53
EELV	Invesco S&P Emerging Markets Low Volatility ETF	27.62
DVYE	iShares Emerging Markets Dividend ETF	27.97
EDIV	SPDR S&P Emerging Markets Dividend ETF	28.93
PXH	Invesco FTSE RAFI Emerging Markets ETF	29.13
EPHE	iShares MSCI Philippines ETF	29.51

*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	0.39%	2.32%	-9.49%
SHY	1-3 Year Treasury Bonds	0.07%	0.44%	-3.16%
IEF	7-10 Year Treasury Bonds	0.34%	3.40%	-10.03%
TLT	20+ Year Treasury Bonds	0.56%	4.99%	-20.86%
TIP	TIPS Bonds	0.58%	0.15%	-8.02%
FLOT	Floating Rate Bonds	0.08%	0.56%	-0.92%
LQD	Investment Grade Corporate	0.80%	2.79%	-14.48%
HYG	High Yield Corporate	1.27%	1.10%	-11.16%
BKLN	Senior Loan	0.68%	0.17%	-4.93%
PFF	Preferred & Income Securities	0.85%	1.87%	-13.67%
MUB	Municipal Bonds	0.15%	2.25%	-6.73%
MBB	MBS	0.47%	2.97%	-7.93%
EMB	Dollar Denominated EM Bonds	1.00%	-4.99%	-22.41%
LEMB	Local Currency EM Bond	1.06%	-3.77%	-15.80%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	1.58%	-14.26%	16.69%
DBE	Energy	1.49%	-16.45%	43.62%
USO	WTI Crude Oil	1.22%	-15.17%	35.65%
BNO	Brent Crude Oil	1.44%	-12.69%	44.76%
UNG	Natural Gas	6.78%	-4.75%	94.08%
UGA	Gasoline	0.81%	-14.79%	49.85%
DBP	Precious Metals	0.01%	-8.53%	-10.67%
GLD	Gold	-0.20%	-6.89%	-6.99%
SLV	Silver	1.12%	-13.88%	-20.08%
PPLT	abrdn Physical Platin..	0.41%	-10.33%	-12.60%
PALL	abrdn Physical Palla..	-3.89%	-0.87%	-2.92%
DBB	Base Metals	1.08%	-17.92%	-19.77%
CPER	Copper	0.00%	-22.73%	-28.30%
LD	Lead	2.59%	-12.24%	-16.97%
JJN	Nickel	1.68%	-22.75%	-3.04%
JJU	Aluminum	0.11%	-11.55%	-16.67%
JJT	Tin	4.46%	-20.04%	-34.59%
DBA	Agriculture	0.67%	-9.49%	-0.51%
CORN	Corn	0.12%	-15.11%	12.91%
SOYB	Soybeans	0.24%	-11.13%	10.55%
WEAT	Wheat	-1.71%	-25.30%	9.07%
CANE	Sugar	0.75%	0.53%	2.39%
BAL	Cotton	7.59%	-25.73%	-4.53%
NIB	Cocoa	2.98%	-3.07%	-14.72%
JO	Coffee	2.40%	-12.87%	-11.12%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.59%	3.29%	12.60%
UDN	Short Dollar	0.68%	-3.15%	-11.91%
FXE	Euro	0.66%	-3.62%	-11.87%
FXB	British Pound Sterling	0.31%	-2.68%	-12.39%
FXF	Swiss Franc	0.64%	1.67%	-7.26%
FXJ	Japanese Yen	0.27%	-3.52%	-17.09%
FXC	Canadian Dollar	0.64%	-1.00%	-3.11%
FXA	Australian Dollar	0.66%	-3.07%	-6.74%

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

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