

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

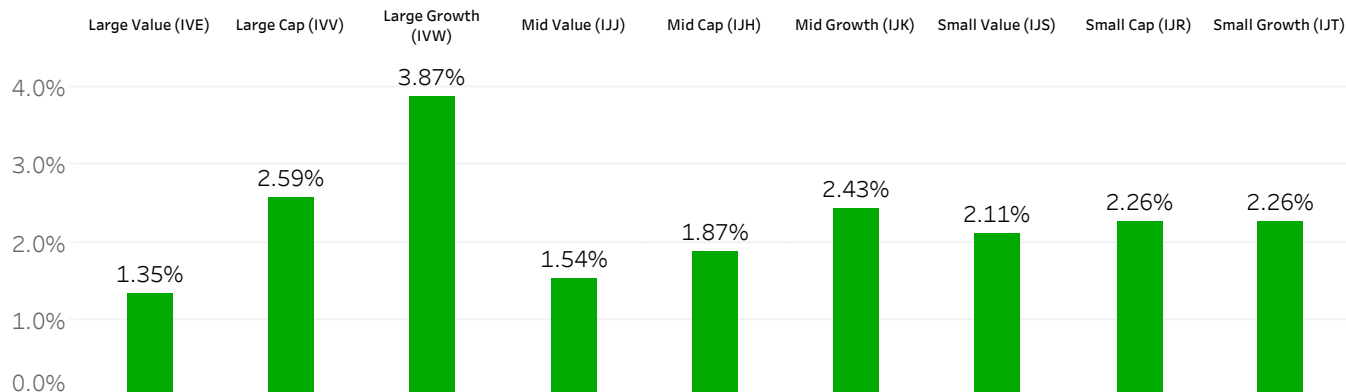


Small Cap Blend (S&P 600) IJR



■ 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
LCG	Sterling Capital Focus Equity ETF	5.31%
GUSA	Goldman Sachs MarketBeta U.S. 1000 Equity ETF	5.10%
IPO	Renaissance IPO ETF	4.74%
BUZZ	VanEck Social Sentiment ETF	4.58%
SPHB	Invesco S&P 500 High Beta ETF	4.45%
MMLG	First Trust Multi-Manager Large Growth ETF	4.37%
MGK	Vanguard Mega Cap Growth ETF	4.30%
WINN	Harbor Long-Term Growers ETF	4.28%
QQQ	Invesco QQQ Trust	4.23%
QQQM	Invesco NASDAQ 100 ETF	4.22%

Size & Style Most Overbought

Ticker	Fund	Value
XSLV	Invesco S&P SmallCap Low Volatility ETF	63.55
OSCV	Opus Small Cap Value ETF	63.12
XSMO	Invesco S&P SmallCap Momentum ETF	62.86
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	62.62
XMLV	Invesco S&P MidCap Low Volatility ETF	62.12
FDMV	First Trust Dow Jones Select MicroCap Index Fund	62.06
REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	61.45
QVMS	Invesco S&P SmallCap 600 QVM Multi-factor ETF	61.45
DGRS	WisdomTree US Smallcap Quality Dividend Growth Fund	61.37
SMMV	iShares MSCI USA Small-Cap Min Vol Factor ETF	61.10

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
PTMC	Pacer Trendpilot US Mid Cap ETF	-0.04%
LFEQ	VanEck Long/Flat Trend ETF	-0.04%
PTLC	Pacer Trendpilot US Large Cap ETF	-0.03%
SPC	CrossingBridge Pre-Merger SPAC ETF	0.00%
LGH	HCM Defender 500 Index ETF	0.02%
QQH	HCM Defender 100 Index ETF	0.04%
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	0.09%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	0.20%
RDIV	Invesco S&P Ultra Dividend Revenue ETF	0.41%
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	0.41%

Size & Style Most Oversold

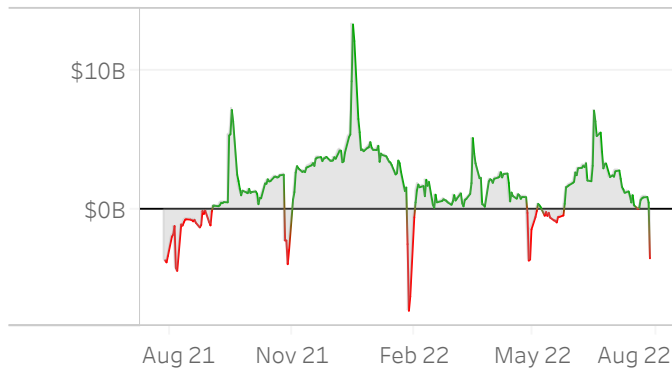
Ticker	Fund	Value
LGH	HCM Defender 500 Index ETF	31.94
QQH	HCM Defender 100 Index ETF	36.07
RUFF	Alpha Dog ETF	38.45
FFTY	Innovator IBD 50 ETF	43.14
LFEQ	VanEck Long/Flat Trend ETF	43.94
IPO	Renaissance IPO ETF	44.96
WBIY	WBI Power Factor High Dividend ETF	45.05
RPHS	Regents Park Hedged Market Strategy ETF	45.18
DJD	Invesco Dow Jones Industrial Average Dividend ETF	45.87
ABEQ	Absolute Core Strategy ETF	46.30

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

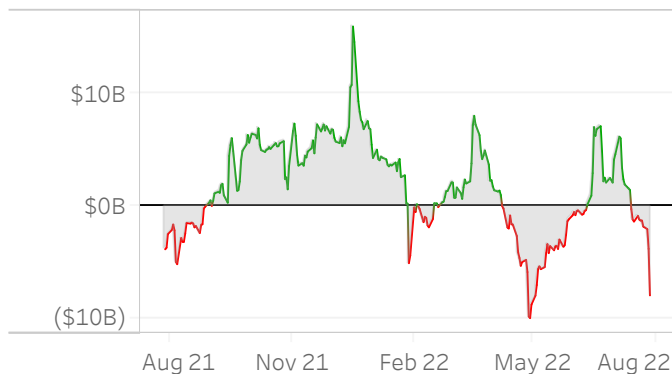
Large-Cap 30-Day Rolling Flows



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	\$1,191B	\$7.04B	\$42.70B	\$53.34B	\$128.99B
Large Cap, Beta Growth, Beta: Growth	10	\$218B	\$0.67B	\$8.17B	\$12.28B	\$16.06B
Large Cap, Beta Growth, Beta: Value	11	\$212B	(\$0.03B)	\$4.44B	\$13.54B	\$26.63B
Mid Cap, Beta, Beta	10	\$170B	\$0.28B	\$3.72B	\$4.99B	\$12.80B
Mid Cap, Beta, Beta: Growth	6	\$31B	\$0.05B	\$0.45B	\$0.09B	\$0.67B
Mid Cap, Beta, Beta: Value	6	\$38B	\$0.34B	\$0.36B	(\$0.09B)	\$1.19B
Small Cap, Beta, Beta	13	\$185B	\$1.37B	(\$2.77B)	(\$5.07B)	\$8.36B
Small Cap, Beta, Beta: Growth	7	\$31B	\$0.35B	\$0.99B	\$1.17B	\$1.72B
Small Cap, Beta, Beta: Value	7	\$48B	(\$1.20B)	(\$1.00B)	(\$4.48B)	(\$2.59B)

U.S. Size & Style Flow Leaders

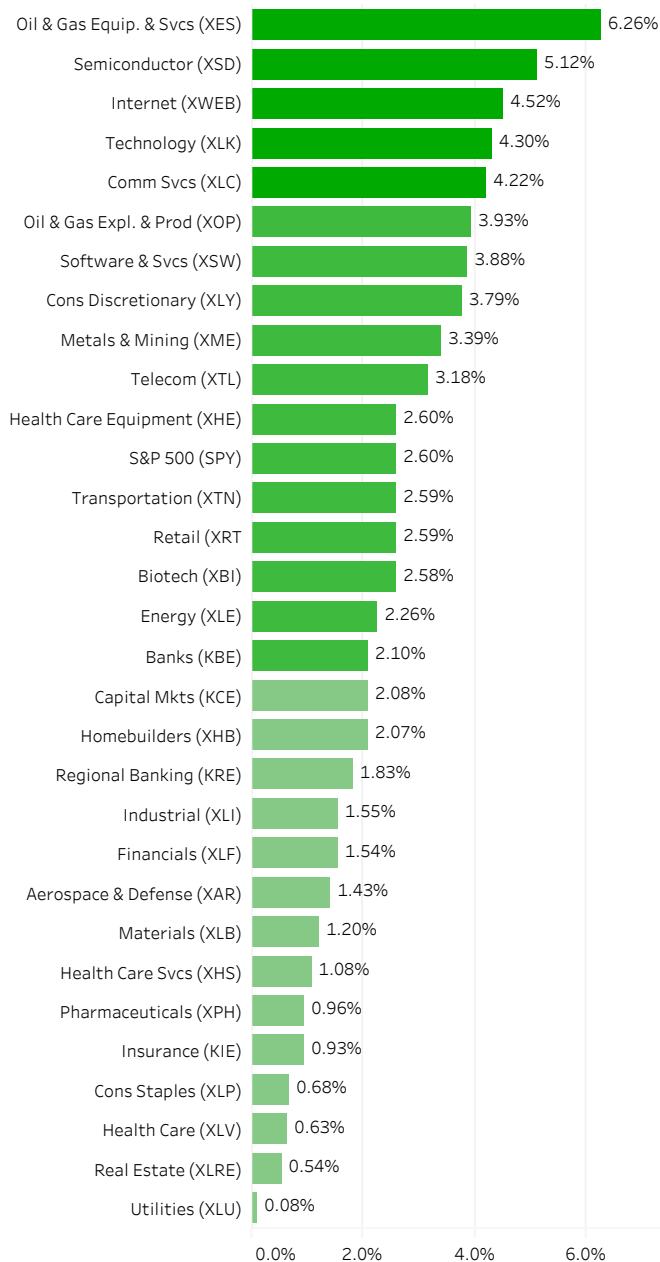
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$3.34B	\$6.54B	(\$4.60B)	\$19.51B	\$357.80B
IJR	iShares Core S&P Small Cap ETF	\$1.85B	\$0.49B	\$0.72B	\$5.33B	\$65.13B
QQQ	Invesco QQQ Trust	\$1.76B	\$5.08B	\$11.88B	\$20.24B	\$164.38B
VOO	Vanguard S&P 500 ETF	\$1.05B	\$14.20B	\$24.86B	\$44.36B	\$257.22B
IVV	iShares Core S&P 500 ETF	\$0.56B	\$13.09B	\$14.95B	\$30.23B	\$290.42B
SPYG	SPDR Portfolio S&P 500 Growth ETF	\$0.41B	\$1.45B	\$1.84B	\$2.18B	\$13.26B
IJJ	iShares S&P Mid-Cap 400 Value ETF	\$0.34B	(\$0.04B)	(\$0.59B)	(\$0.82B)	\$7.35B
USMV	iShares MSCI USA Min Vol Factor ETF	\$0.34B	\$1.02B	\$0.98B	\$1.04B	\$27.71B
IJT	iShares S&P Small-Cap 600 Growth ETF	\$0.33B	\$0.36B	\$0.27B	\$0.04B	\$5.39B
VUG	Vanguard Growth ETF	\$0.28B	\$3.14B	\$5.92B	\$6.96B	\$71.33B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IJS	iShares S&P Small-Cap 600 Value ETF	(\$1.21B)	\$0.14B	(\$0.79B)	(\$0.95B)	\$7.14B
IWM	iShares Russell 2000 ETF	(\$0.53B)	(\$1.57B)	(\$4.64B)	(\$1.44B)	\$51.37B
HDV	iShares Core High Dividend ETF	(\$0.38B)	\$3.05B	\$4.85B	\$5.08B	\$12.22B
ITOT	iShares Core S&P Total U.S. Stock Market ETF	(\$0.37B)	\$2.69B	\$2.77B	\$5.39B	\$41.37B
IWF	iShares Russell 1000 Growth ETF	(\$0.20B)	\$2.26B	\$1.69B	\$0.70B	\$59.90B
VIG	Vanguard Dividend Appreciation ETF	(\$0.16B)	\$0.65B	\$2.12B	\$4.34B	\$61.61B
VLUE	iShares MSCI USA Value Factor ETF	(\$0.15B)	(\$2.47B)	(\$3.81B)	(\$5.81B)	\$8.91B
ESGU	iShares ESG Aware MSCI USA ETF	(\$0.11B)	(\$0.35B)	\$0.96B	\$4.83B	\$21.88B
SPYV	SPDR Portfolio S&P 500 Value ETF	(\$0.10B)	\$0.13B	\$0.55B	\$1.40B	\$12.73B
IWD	iShares Russell 1000 Value ETF	(\$0.09B)	\$0.58B	(\$0.57B)	\$1.30B	\$51.72B

* 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	-8.11%	11.26%	0.29%	0.98%	55.98
XLV	Health Care Select Sector SPDR Fund	-8.16%	9.42%	2.18%	-0.78%	56.80
XLP	Consumer Staples Select Sector SPDR Fund	-8.91%	6.67%	1.37%	-1.42%	56.02
XLI	Industrial Select Sector SPDR Fund	-15.62%	5.72%	0.63%	-8.52%	56.61
XLB	Materials Select Sector SPDR Fund	-17.38%	5.54%	-4.35%	-11.21%	48.80
SPY	SPDR S&P 500 ETF Trust	-18.17%	6.84%	0.19%	-9.83%	52.33
XLRE	Real Estate Select Sector SPDR Fund	-18.22%	9.06%	1.50%	-8.20%	58.50
XLE	Energy Select Sector SPDR Fund	-20.80%	59.62%	-6.43%	5.02%	49.97
XLF	Financial Select Sector SPDR Fund	-21.54%	5.73%	-0.71%	-12.36%	52.06
XLK	Technology Select Sector SPDR Fund	-24.06%	8.62%	1.09%	-11.70%	52.44
XLY	Consumer Discretionary Select Sector SPDR Fund	-29.77%	10.29%	2.21%	-16.05%	52.50
XLC	Communication Services Select Sector SPDR Fund	-36.46%	3.01%	-3.42%	-19.59%	43.77

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance (%)
PSCE	Invesco S&P SmallCap Energy ETF	6.38%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	6.26%
PNQI	Invesco NASDAQ Internet ETF	5.63%
FDN	First Trust Dow Jones Internet Index Fund	5.43%
XSD	SPDR S&P Semiconductor ETF	5.12%
IYW	iShares U.S. Technology ETF	4.98%
IETC	iShares Evolved US Technology ETF	4.68%
IGM	iShares Expanded Tech Sector ETF	4.61%
QTEC	First Trust NASDAQ-100 Technology Sector Index ..	4.58%
SOXX	iShares Semiconductor ETF	4.58%

Sector & Industry Most Overbought

Ticker	Fund	1 Day Performance (%)
XHS	SPDR S&P Health Care Services ETF	65.44
NETL	NETlease Corporate Real Estate ETF	64.78
AIRR	First Trust RBA American Industrial Renaissance ETF	64.39
QABA	First Trust NASDAQ ABA Community Bank Index Fund	63.97
IGN	iShares North American Tech-Multimedia Networking E..	63.92
PSCI	Invesco S&P SmallCap Industrials ETF	63.38
EMLP	First Trust North American Energy Infrastructure Fund	62.87
PAVE	Global X U.S. Infrastructure Development ETF	62.31
IHF	iShares U.S. Healthcare Providers ETF	61.93
JPRE	JPMorgan Realty Income ETF	61.88

Sector & Industry 1 Day Performance Laggards

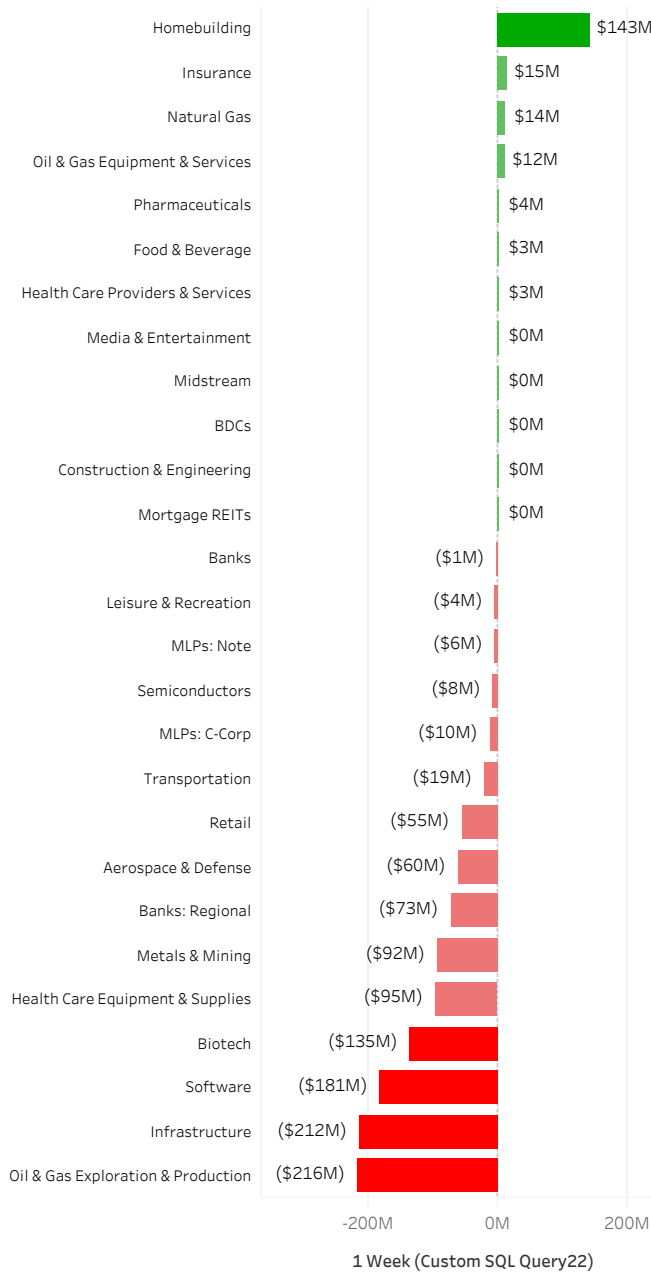
Ticker	Fund	1 Day Performance (%)
KBWP	Invesco KBW Property & Casualty Insurance ETF	-0.26%
INDS	Pacer Benchmark Industrial Real Estate SCTR ETF	-0.05%
PUI	Invesco DWA Utilities Momentum ETF	0.03%
XLU	Utilities Select Sector SPDR Fund	0.08%
FUTY	Fidelity MSCI Utilities Index ETF	0.11%
NETL	NETlease Corporate Real Estate ETF	0.14%
VPU	Vanguard Utilities ETF	0.18%
JPRE	JPMorgan Realty Income ETF	0.20%
RYU	Invesco S&P 500 Equal Weight Utilities ETF	0.20%
FXG	First Trust Consumer Staples AlphaDEX Fund	0.22%

Sector & Industry Most Oversold

Ticker	Fund	1 Day Performance (%)
KBWP	Invesco KBW Property & Casualty Insurance ETF	42.87
VOX	Vanguard Communication Services ETF	43.09
FCOM	Fidelity MSCI Communication Services Index ETF	43.37
XLC	Communication Services Select Sector SPDR Fund	43.77
XRT	SPDR S&P Retail ETF	44.52
IYM	iShares U.S. Basic Materials ETF	45.62
FDN	First Trust Dow Jones Internet Index Fund	45.64
PNQI	Invesco NASDAQ Internet ETF	46.09
XSW	SPDR S&P Software & Services ETF	46.75
XES	SPDR S&P Oil & Gas Equipment & Services ETF	46.75

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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	\$13B	(\$83M)	(\$278M)	(\$551M)	(\$329M)
Consumer Discretionary	13	\$22B	(\$285M)	(\$2,370M)	(\$4,976M)	(\$5,283M)
Consumer Staples	12	\$27B	(\$340M)	(\$52M)	\$3,006M	\$5,094M
Energy	34	\$69B	(\$786M)	(\$4,542M)	(\$4,352M)	\$543M
Financials	28	\$55B	(\$280M)	(\$9,855M)	(\$18,755M)	(\$9,226M)
Health Care	26	\$92B	(\$176M)	\$3,143M	\$7,446M	\$12,615M
Industrial	14	\$27B	(\$156M)	(\$2,817M)	(\$2,678M)	(\$5,715M)
Materials	10	\$14B	(\$249M)	(\$2,568M)	(\$548M)	(\$1,708M)
Multi-Sector	19	\$14B	(\$164M)	(\$420M)	(\$4,721M)	(\$3,552M)
Real Estate	24	\$67B	(\$283M)	(\$2,870M)	(\$5,165M)	\$2,405M
Technology	24	\$118B	\$181M	(\$392M)	(\$29M)	\$4,210M
Utilities	10	\$26B	(\$403M)	\$1,575M	\$3,876M	\$5,046M

U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLK	Technology Select Sector SPDR Fund	\$355M	(\$263M)	\$746M	\$1,724M	\$40,205M
IYH	iShares U.S. Healthcare ETF	\$110M	\$176M	\$94M	\$323M	\$3,031M
ITB	iShares U.S. Home Construction ETF	\$90M	\$63M	(\$691M)	(\$494M)	\$1,481M
XHB	SPDR S&P Homebuilders ETF	\$53M	(\$111M)	(\$766M)	(\$390M)	\$1,021M
VHT	Vanguard Health Care ETF	\$36M	(\$233M)	\$199M	\$1,221M	\$16,496M
XLE	Energy Select Sector SPDR Fund	\$32M	(\$1,133M)	(\$3,681M)	(\$615M)	\$33,838M
IYW	iShares U.S. Technology ETF	\$26M	(\$65M)	(\$272M)	\$100M	\$6,597M
FUTY	Fidelity MSCI Utilities Index ETF	\$18M	\$707M	\$868M	\$953M	\$2,096M
FCG	First Trust Natural Gas ETF	\$14M	\$25M	\$147M	\$270M	\$709M
RHS	Invesco S&P 500 Equal Weight Consumer Stapl..	\$13M	\$63M	\$132M	\$120M	\$624M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IYE	iShares U.S. Energy ETF	(\$585M)	(\$1,532M)	(\$1,278M)	(\$1,266M)	\$2,025M
XLU	Utilities Select Sector SPDR Fund	(\$373M)	\$1,026M	\$2,525M	\$3,118M	\$16,027M
XLP	Consumer Staples Select Sector SPDR Fund	(\$314M)	(\$807M)	\$530M	\$1,771M	\$15,054M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$229M)	(\$1,381M)	(\$2,337M)	(\$1,667M)	\$14,175M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$210M)	(\$1,088M)	(\$881M)	(\$982M)	\$4,235M
XLF	Financial Select Sector SPDR Fund	(\$210M)	(\$6,072M)	(\$11,309M)	(\$6,094M)	\$28,808M
IFRA	iShares U.S. Infrastructure ETF	(\$191M)	\$813M	\$890M	\$1,028M	\$1,624M
IGV	iShares Expanded Tech-Software Sector ETF	(\$181M)	\$198M	(\$108M)	\$1,015M	\$4,264M
VNQ	Vanguard Real Estate ETF	(\$170M)	(\$2,160M)	(\$2,187M)	\$704M	\$39,280M
XBI	SPDR S&P BIOTECH ETF	(\$148M)	\$1,158M	\$1,755M	\$3,487M	\$7,613M

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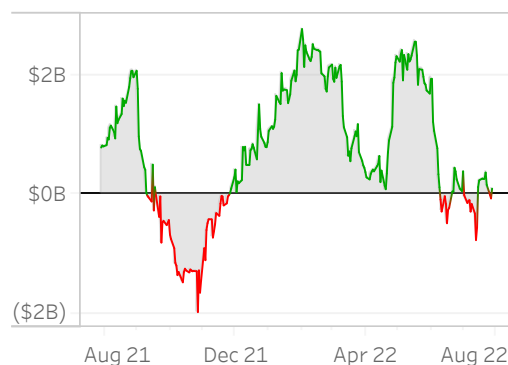
Communication Services



Consumer Discretionary



Consumer Staples



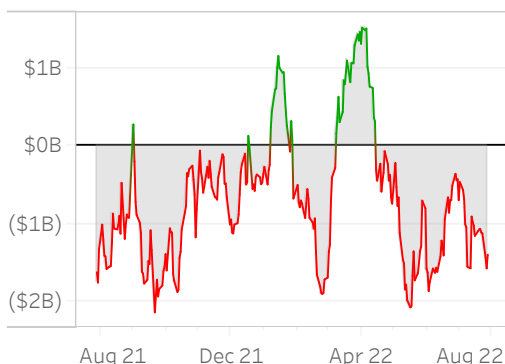
Energy



Financials



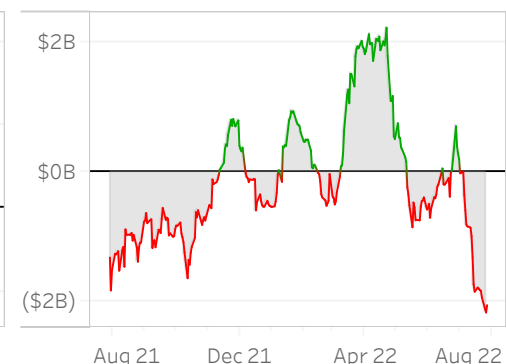
Industrial



Health Care



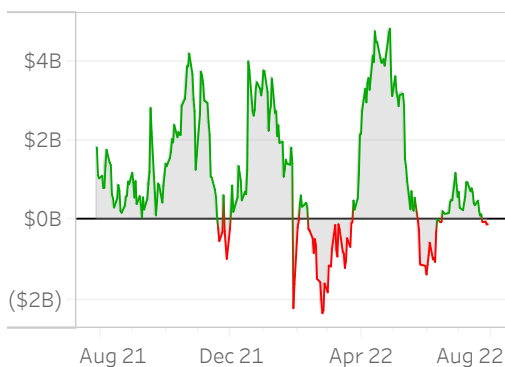
Materials



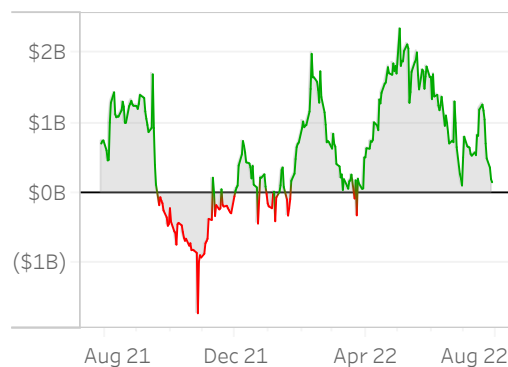
Real Estate



Technology



Utilities

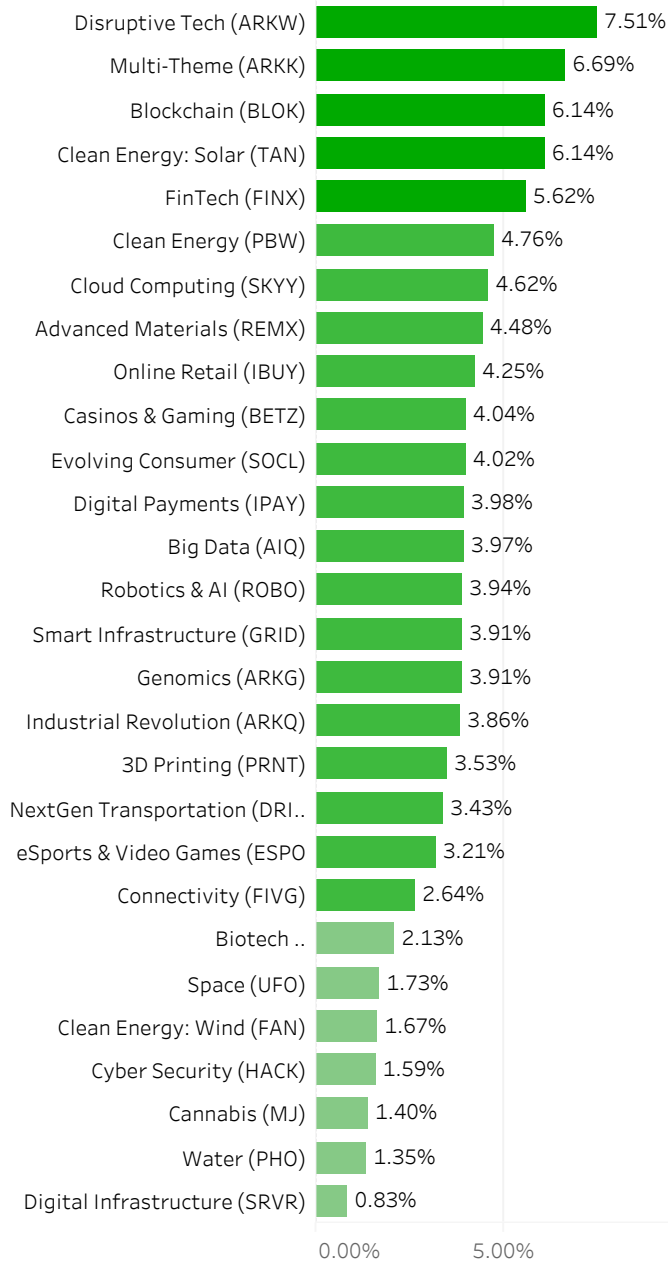


Multi-Sector

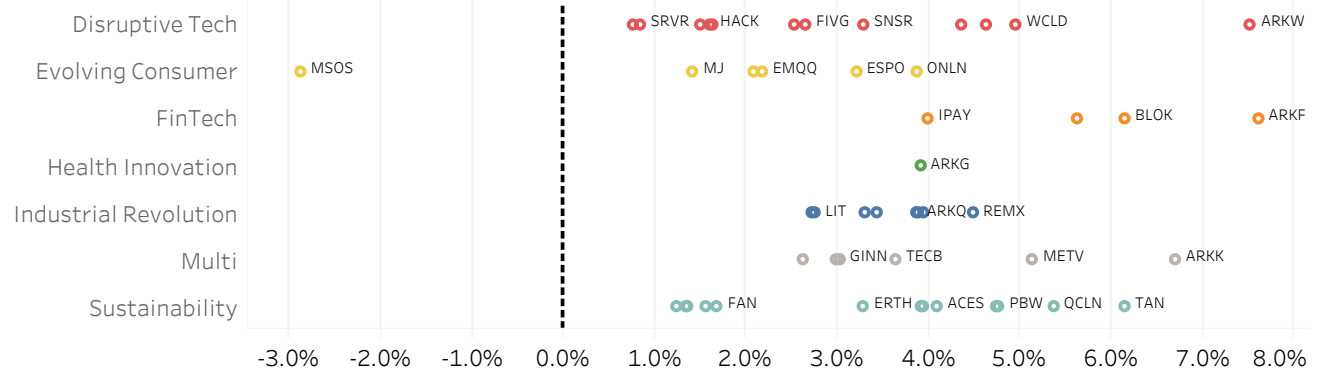


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
BKCH	Global X Blockchain ETF	12.62%
BITQ	Bitwise Crypto Industry Innovators ETF	10.13%
ARKF	ARK Fintech Innovation ETF	7.61%
ARKW	ARK Next Generation Internet ETF	7.51%
ARKK	ARK Innovation ETF	6.69%
BLOK	Amplify Transformational Data Sharing ETF	6.14%
TAN	Invesco Solar ETF	6.14%
FINX	Global X FinTech ETF	5.62%
CTEC	Global X CleanTech ETF	5.58%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	5.37%

Thematic Most Overbought

Ticker	Fund	Value
FIW	First Trust Water ETF	68.51
PHO	Invesco Water Resources ETF	68.10
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	67.17
CGW	Invesco S&P Global Water Index ETF	66.56
EVX	VanEck Environmental Services ETF	64.36
GDOC	Goldman Sachs Future Health Care Equity ETF	64.22
EBLU	Ecofin Global Water ESG Fund	63.08
PIO	Invesco Global Water ETF	62.41
FIVG	Defiance Next Gen Connectivity ETF	62.09
SNSR	Global X Internet of Things ETF	62.05

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
MSOS	AdvisorShares Pure US Cannabis ETF	-2.89%
YOLO	AdvisorShares Pure Cannabis ETF	-1.60%
BUG	Global X Cybersecurity ETF	0.75%
SRVR	Pacer Benchmark Data & Infrastructure Real Estate S..	0.83%
PIO	Invesco Global Water ETF	1.23%
EBLU	Ecofin Global Water ESG Fund	1.24%
RNRG	Global X Funds Global X Renewable Energy Producers ..	1.24%
FIW	First Trust Water ETF	1.33%
PHO	Invesco Water Resources ETF	1.35%
MJ	ETFMG Alternative Harvest ETF	1.40%

Thematic Most Oversold

Ticker	Fund	Value
MJ	ETFMG Alternative Harvest ETF	42.57
YOLO	AdvisorShares Pure Cannabis ETF	43.16
KGRN	KraneShares MSCI China Clean Technology Index ETF	44.03
BUG	Global X Cybersecurity ETF	45.25
CIBR	First Trust NASDAQ Cybersecurity ETF	47.66
SOCL	Global X Social Media ETF	48.30
AWAY	ETFMG Travel Tech ETF	48.45
MSOS	AdvisorShares Pure US Cannabis ETF	48.55
KWEB	KraneShares CSI China Internet ETF	48.56
WCLD	WisdomTree Cloud Computing Fund	48.95

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	\$19M
MSOS	AdvisorShares Pure US Cannabis ETF	\$19M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$14M
MJ	ETFMG Alternative Harvest ETF	\$6M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$6M
BUG	Global X Cybersecurity ETF	\$5M
TARK	AXS 2X Innovation ETF	\$4M
ICLN	iShares Global Clean Energy ETF	\$4M
GNOM	Global X Genomics & Biotechnology ETF	\$4M
FIW	First Trust Water ETF	\$4M

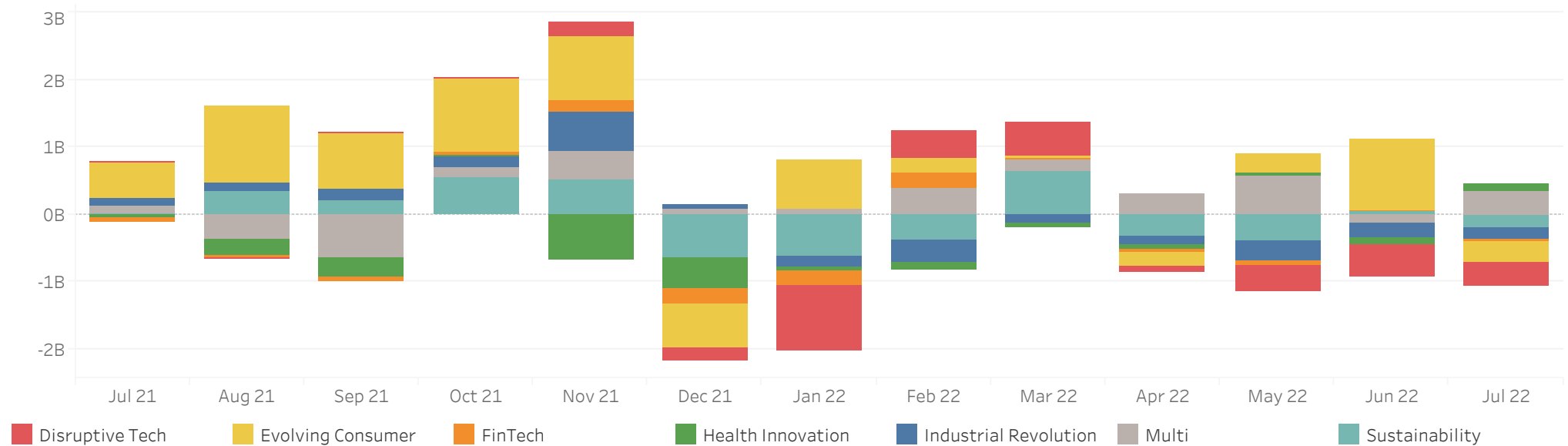
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	(\$147M)
ARKG	ARK Genomic Revolution ETF	(\$63M)
TAN	Invesco Solar ETF	(\$46M)
HERO	Global X Video Games & Esports ETF	(\$33M)
IPAY	ETFMG Prime Mobile Payments ETF	(\$23M)
WCLD	WisdomTree Cloud Computing Fund	(\$20M)
REMX	VanEck Rare Earth/Strategic Metals ETF	(\$17M)
FINX	Global X FinTech ETF	(\$15M)
SKYY	First Trust Cloud Computing ETF	(\$14M)
IBUY	Amplify Online Retail ETF	(\$13M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$18B	(\$38M)	(\$1,209M)	(\$453M)	(\$1,241M)
Evolving Consumer	48	\$12B	(\$203M)	\$1,061M	\$1,076M	\$5,706M
FinTech	24	\$3B	(\$38M)	(\$118M)	\$99M	(\$338M)
Health Innovation	19	\$4B	(\$86M)	\$15M	(\$221M)	(\$1,937M)
Industrial Revolution	32	\$12B	(\$23M)	(\$694M)	(\$1,300M)	(\$177M)
Multi	42	\$16B	(\$40M)	\$814M	\$1,868M	\$1,443M
Sustainability	42	\$18B	(\$42M)	(\$546M)	(\$665M)	(\$277M)
Grand Total	242	\$82B	(\$470M)	(\$678M)	\$403M	\$3,179M

Thematic Monthly Flows

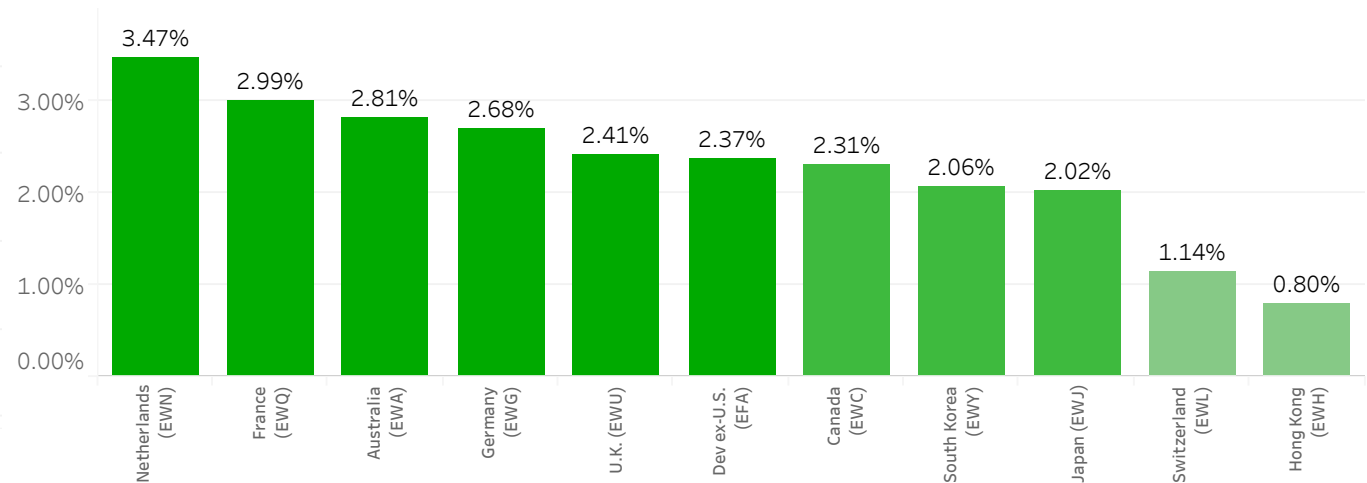


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



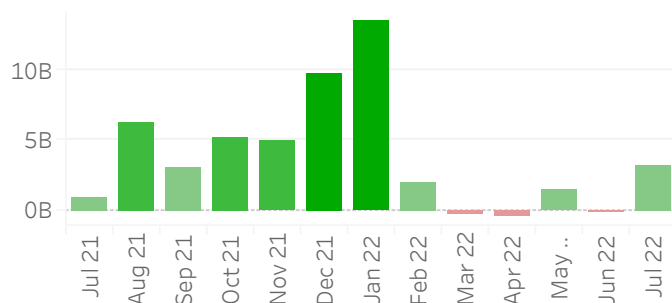
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
ISRA	VanEck Israel ETF	3.87%
CIL	VictoryShares International Volatility Wtd ETF	3.61%
NORW	Global X MSCI Norway ETF	3.52%
EWN	iShares MSCI Netherlands ETF	3.47%
EIS	iShares MSCI Israel ETF	3.46%
EWI	iShares MSCI Italy ETF	3.19%
EWO	iShares MSCI Austria ETF	3.18%
FEZ	SPDR EURO STOXX 50 ETF	3.02%
ENZL	iShares MSCI New Zealand ETF	2.99%
EWQ	iShares MSCI France ETF	2.99%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
DFJ	WisdomTree Japan SmallCap Dividend Fund	65.15
SCJ	iShares MSCI Japan Small-Cap ETF	63.70
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	63.43
IMOM	Alpha Architect International Quantitative Momentum ETF	63.13
EWS	iShares MSCI Singapore ETF	62.73
EFG	iShares MSCI EAFE Growth ETF	62.39
HEWJ	iShares Currency Hedged MSCI Japan ETF	62.32
BBJP	JPMorgan BetaBuilders Japan ETF	62.10
JPXN	iShares JPX-Nikkei 400 ETF	62.08
DXJ	WisdomTree Japan Hedged Equity Fund	61.53

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
PTIN	Pacer Trendpilot International ETF	0.11%
ISVL	iShares International Developed Small Cap Value Factor E..	0.18%
FKU	First Trust United Kingdom AlphaDEX Fund	0.46%
FLSW	Franklin FTSE Switzerland ETF	0.72%
EWH	iShares MSCI Hong Kong ETF	0.80%
WPS	iShares International Developed Property ETF	0.98%
DDLS	WisdomTree Dynamic Currency Hedged International Sma..	1.03%
DFJ	WisdomTree Japan SmallCap Dividend Fund	1.06%
QLVD	FlexShares Developed Markets ex-US Quality Low Volatilit..	1.10%
IDLV	Invesco S&P International Developed Low Volatility ETF	1.11%

Developed ex-U.S. Most Oversold

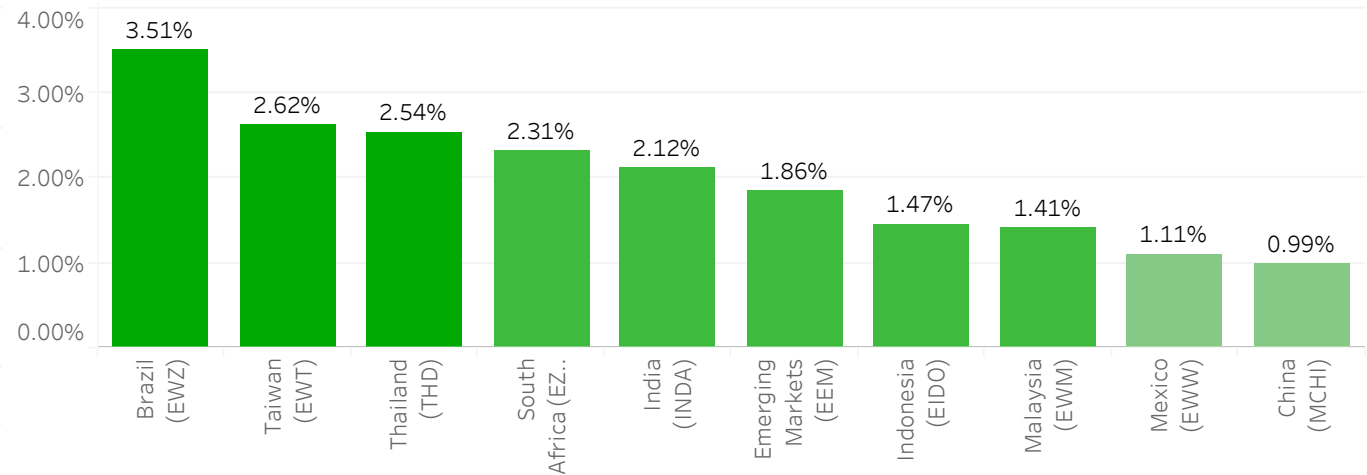
Ticker	Fund	Value
EWI	iShares MSCI Italy ETF	48.30
EWG	iShares MSCI Germany ETF	49.19
EWH	iShares MSCI Hong Kong ETF	49.87
IDOG	ALPS International Sector Dividend Dogs ETF	49.93
DTH	WisdomTree International High Dividend Fund	50.20
AIA	iShares Asia 50 ETF	50.26
EWP	iShares MSCI Spain ETF	50.35
FDD	First Trust Stoxx European Select Dividend Index Fu..	50.76
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	50.83
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	50.84

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Emerging (EEM)



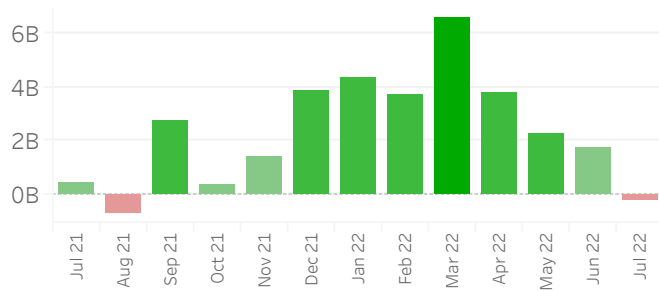
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
EWZS	iShares MSCI Brazil Small-Cap ETF	5.25%
FLBR	Franklin FTSE Brazil ETF	3.63%
EWZ	iShares MSCI Brazil ETF	3.51%
FLLA	Franklin FTSE Latin America ETF	3.24%
ADRE	Invesco BLDERS Emerging Markets 50 ADR Index Fund	2.69%
EWT	iShares MSCI Taiwan ETF	2.62%
THD	iShares MSCI Thailand ETF	2.54%
PIE	Invesco DWA Emerging Markets Momentum ETF	2.52%
INDY	iShares India 50 ETF	2.40%
FRDM	Freedom 100 Emerging Markets ETF	2.39%

Emerging Most Overbought

Ticker	Fund	Price
QAT	iShares MSCI Qatar ETF	65.89
INDY	iShares India 50 ETF	60.84
PIN	Invesco India ETF	59.97
FLIN	Franklin FTSE India ETF	59.73
INDA	iShares MSCI India ETF	59.59
KSA	iShares MSCI Saudi Arabia ETF	59.12
EIDO	iShares MSCI Indonesia ETF	58.59
ECH	iShares MSCI Chile ETF	58.52
SMIN	iShares MSCI India Small Cap ETF	57.41
EMXC	iShares MSCI Emerging Markets ex China ETF	57.22

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EPU	iShares MSCI Peru ETF	-1.29%
RAYC	Rayliant Quantamental China Equity ETF	0.34%
KBA	KraneShares Boser MSCI China A 50 Connect Index ETF	0.56%
ECNS	iShares MSCI China Small-Cap ETF	0.70%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	0.73%
GXC	SPDR S&P China ETF	0.82%
FLCH	Franklin FTSE China ETF	0.86%
CNYA	iShares MSCI China A ETF	0.87%
MCHI	iShares MSCI China ETF	0.99%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	1.07%

Emerging Most Oversold

Ticker	Fund	Price
ECNS	iShares MSCI China Small-Cap ETF	38.80
EPU	iShares MSCI Peru ETF	43.43
GXC	SPDR S&P China ETF	43.57
FLCH	Franklin FTSE China ETF	43.65
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	43.78
KBA	KraneShares Boser MSCI China A 50 Connect Index ..	43.79
RAYC	Rayliant Quantamental China Equity ETF	43.97
SDM	Global X MSCI SuperDividend Emerging Markets ETF	44.43
MCHI	iShares MSCI China ETF	44.49
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	44.84

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Fixed Income (AGG)



Commodities (DJP)



Currencies (UUP)



200 Day Moving Average 50 Day Moving Average Closing Price

Fixed Income Performance

Ticker	Name	1 Day	1 Month	YTD
AGG	U.S. Aggregate	0.35%	2.89%	-8.54%
SHY	1-3 Year Treasury Bonds	0.16%	0.50%	-2.79%
IEF	7-10 Year Treasury Bonds	0.20%	3.66%	-8.84%
TLT	20+ Year Treasury Bonds	-0.56%	4.88%	-20.40%
TIP	TIPS Bonds	0.64%	2.10%	-6.55%
FLOT	Floating Rate Bonds	0.18%	0.10%	-0.84%
LQD	Investment Grade Corporate	0.67%	4.24%	-13.28%
HYG	High Yield Corporate	1.10%	3.93%	-9.19%
BKLN	Senior Loan	0.24%	2.10%	-3.54%
PFF	Preferred & Income Securities	0.80%	3.96%	-11.44%
MUB	Municipal Bonds	0.03%	2.20%	-6.38%
MBB	MBS	0.43%	3.37%	-6.74%
EMB	Dollar Denominated EM Bonds	1.51%	1.89%	-18.78%
LEMB	Local Currency EM Bond	0.84%	-1.26%	-13.92%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	1.53%	-0.77%	24.95%
DBE	Energy	2.99%	-5.94%	51.17%
USO	WTI Crude Oil	3.61%	-6.10%	43.25%
BNO	Brent Crude Oil	3.39%	-3.72%	53.28%
UNG	Natural Gas	-1.26%	34.51%	138.11%
UGA	Gasoline	3.12%	-11.10%	55.96%
DBP	Precious Metals	1.19%	-5.98%	-8.97%
GLD	Gold	1.02%	-4.84%	-5.43%
SLV	Silver	2.56%	-9.70%	-18.18%
PPLT	abrdn Physical Platin..	2.24%	-2.16%	-8.00%
PALL	abrdn Physical Palla..	0.94%	8.24%	6.99%
DBB	Base Metals	1.13%	-6.89%	-15.59%
CPER	Copper	2.49%	-7.61%	-22.82%
LD	Lead	7.02%	10.47%	-6.77%
JJN	Nickel	2.16%	-4.68%	6.41%
JJU	Aluminum	-1.11%	-2.36%	-15.36%
JJT	Tin	-0.25%	-9.37%	-35.32%
DBA	Agriculture	0.71%	-2.64%	0.96%
CORN	Corn	0.83%	-7.00%	12.95%
SOYB	Soybeans	2.25%	-1.35%	15.87%
WEAT	Wheat	-1.56%	-11.90%	11.23%
CANE	Sugar	-0.57%	-5.44%	-5.54%
BAL	Cotton	-0.38%	-0.15%	2.86%
NIB	Cocoa	-1.35%	-1.88%	-12.81%
JO	Coffee	2.68%	-1.78%	-2.96%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.84%	2.49%	10.89%
UDN	Short Dollar	0.83%	-2.29%	-10.45%
FXE	Euro	0.93%	-3.59%	-10.79%
FXB	British Pound Sterling	1.20%	-0.84%	-10.17%
FXF	Swiss Franc	0.42%	-0.35%	-5.53%
FXJ	Japanese Yen	0.29%	-0.82%	-15.88%
FXC	Canadian Dollar	0.51%	0.45%	-1.61%
FXA	Australian Dollar	0.86%	1.09%	-3.98%

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