

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

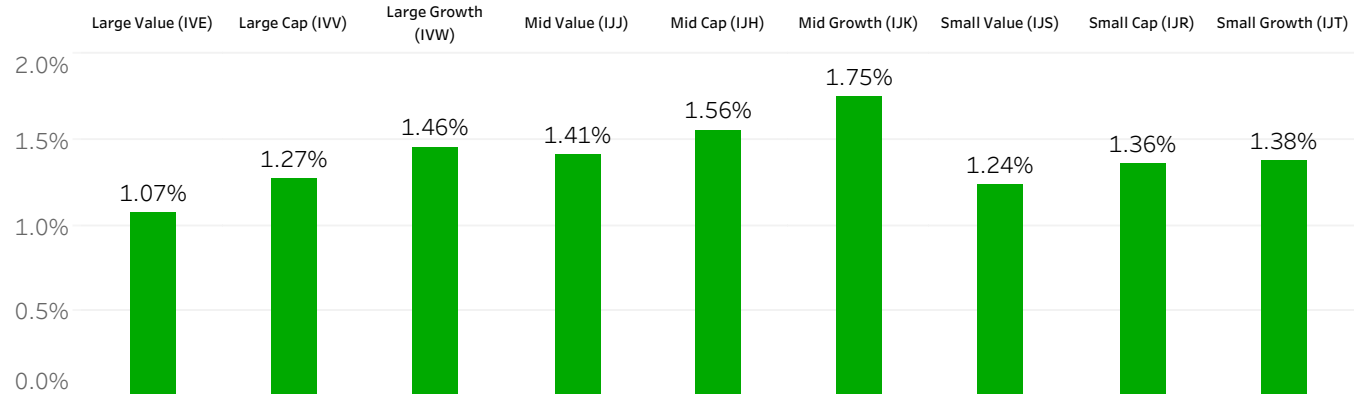


Small Cap Blend (S&P 600) IJR



■ 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
ACSI	American Customer Satisfaction ETF	5.76%
ONEO	SPDR Russell 1000 Momentum Focus ETF	3.12%
USNZ	Xtrackers Net Zero Pathway Paris Aligned US Equity ETF	2.66%
NUMG	Nuveen ESG Mid-Cap Growth ETF	2.64%
BIBL	Inspire 100 ESG ETF	2.58%
ETHO	Etho Climate Leadership U.S. ETF	2.50%
LCG	Sterling Capital Focus Equity ETF	2.43%
SPHB	Invesco S&P 500 High Beta ETF	2.29%
RPG	Invesco S&P 500 Pure Growth ETF	2.25%
VOT	Vanguard Mid-Cap Growth ETF	2.23%

Size & Style Most Overbought

Ticker	Fund	Value
GUSA	Goldman Sachs MarketBeta U.S. 1000 Equity ETF	75.95
ACSI	American Customer Satisfaction ETF	74.76
USNZ	Xtrackers Net Zero Pathway Paris Aligned US Equity ETF	72.97
XSLV	Invesco S&P SmallCap Low Volatility ETF	72.03
QVMS	Invesco S&P SmallCap 600 QVM Multi-factor ETF	71.85
XSMO	Invesco S&P SmallCap Momentum ETF	71.40
OSCV	Opus Small Cap Value ETF	71.28
NZUS	SPDR MSCI USA Climate Paris Aligned ETF	71.18
SMIG	AAM Bahl & Gaynor Small/Mid Cap Income Growth ETF	69.73
TPSC	Timothy Plan US Small Cap Core ETF	69.24

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
EQRR	ProShares Equities for Rising Rates ETF	-0.79%
DUSA	Davis Select U.S. Equity ETF	-0.59%
QQH	HCM Defender 100 Index ETF	-0.04%
PTMC	Pacer Trendpilot US Mid Cap ETF	-0.03%
PTLC	Pacer Trendpilot US Large Cap ETF	0.00%
LGH	HCM Defender 500 Index ETF	0.01%
SIXA	ETC 6 Meridian Mega Cap Equity ETF	0.04%
LFEQ	VanEck Long/Flat Trend ETF	0.04%
SPC	CrossingBridge Pre-Merger SPAC ETF	0.10%
PWV	Invesco Dynamic Large Cap Value ETF	0.18%

Size & Style Most Oversold

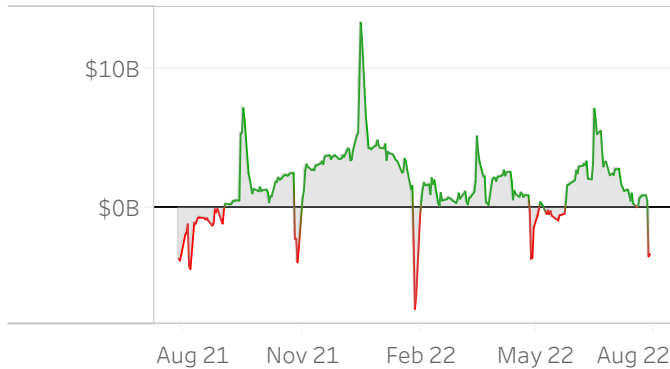
Ticker	Fund	Value
LGH	HCM Defender 500 Index ETF	33.38
QQH	HCM Defender 100 Index ETF	36.45
LFEQ	VanEck Long/Flat Trend ETF	44.92
RUFF	Alpha Dog ETF	47.77
PTLC	Pacer Trendpilot US Large Cap ETF	49.91
PTMC	Pacer Trendpilot US Mid Cap ETF	51.47
IPO	Renaissance IPO ETF	52.74
ABEQ	Absolute Core Strategy ETF	52.98
CDC	VictoryShares US EQ Income Enhanced Volatility Wt..	53.42
DUSA	Davis Select U.S. Equity ETF	53.69

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

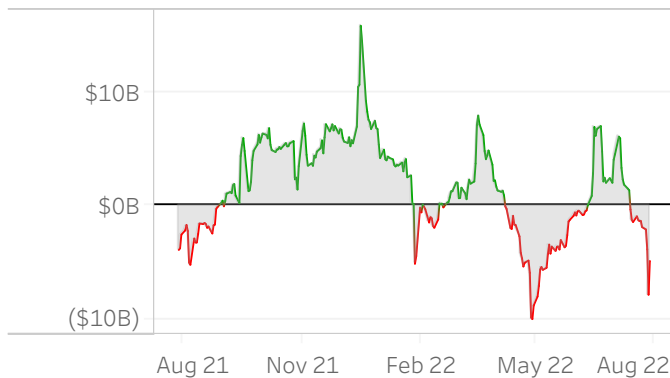
Large-Cap 30-Day Rolling Flows



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	\$1,201B	\$5.70B	\$42.23B	\$53.57B	\$129.16B
Large Cap, Beta Growth, Beta: Growth	10	\$225B	\$0.40B	\$8.22B	\$12.37B	\$16.11B
Large Cap, Beta Growth, Beta: Value	11	\$214B	\$0.01B	\$4.29B	\$13.54B	\$26.58B
Mid Cap, Beta, Beta	10	\$172B	\$0.33B	\$2.46B	\$5.05B	\$12.84B
Mid Cap, Beta, Beta: Growth	6	\$31B	\$0.04B	\$0.56B	\$0.10B	\$0.65B
Mid Cap, Beta, Beta: Value	6	\$39B	\$0.34B	\$0.36B	(\$0.09B)	\$1.22B
Small Cap, Beta, Beta	13	\$186B	\$0.32B	(\$2.70B)	(\$5.03B)	\$8.14B
Small Cap, Beta, Beta: Growth	7	\$31B	\$0.38B	\$0.98B	\$1.17B	\$1.73B
Small Cap, Beta, Beta: Value	7	\$48B	(\$0.30B)	(\$1.01B)	(\$4.52B)	(\$2.51B)

U.S. Size & Style Flow Leaders

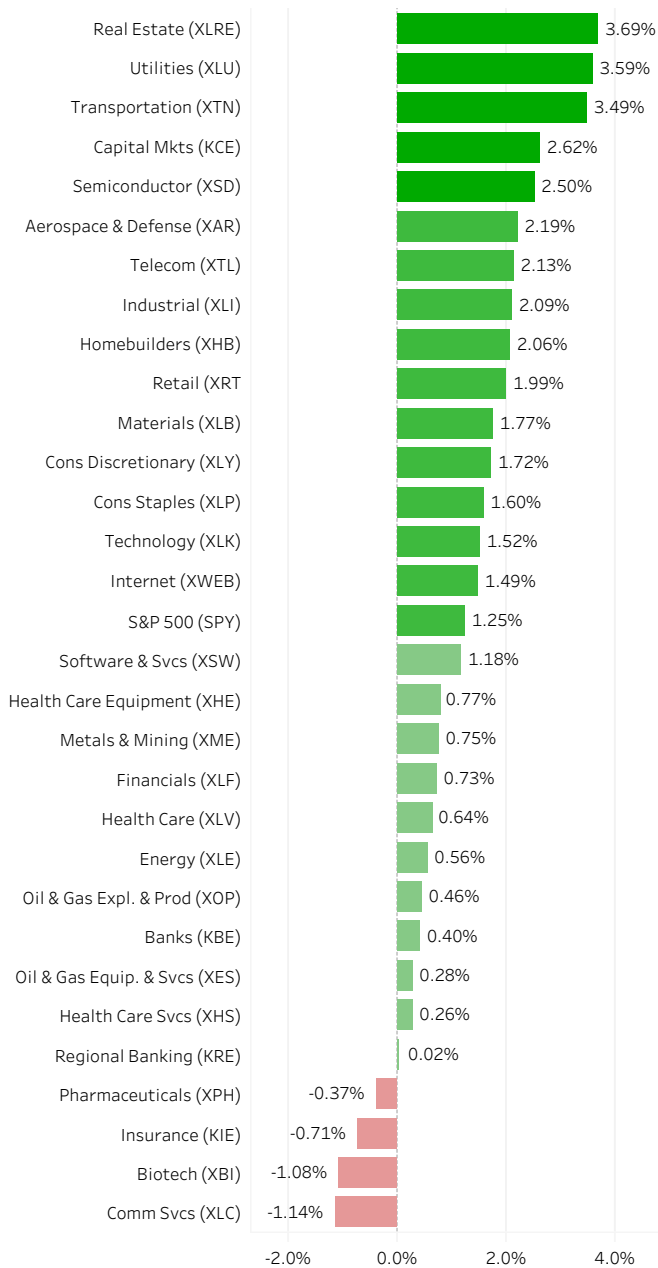
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$3.10B	\$4.92B	(\$4.60B)	\$19.73B	\$357.80B
QQQ	Invesco QQQ Trust	\$1.33B	\$5.13B	\$11.88B	\$20.41B	\$164.38B
VOO	Vanguard S&P 500 ETF	\$1.16B	\$14.83B	\$25.16B	\$44.53B	\$264.25B
IJR	iShares Core S&P Small Cap ETF	\$0.66B	\$0.51B	\$0.72B	\$5.30B	\$65.13B
SPYG	SPDR Portfolio S&P 500 Growth ETF	\$0.34B	\$1.41B	\$1.84B	\$2.17B	\$13.26B
IJJ	iShares S&P Mid-Cap 400 Value ETF	\$0.34B	(\$0.04B)	(\$0.59B)	(\$0.80B)	\$7.35B
IJT	iShares S&P Small-Cap 600 Growth ETF	\$0.33B	\$0.36B	\$0.27B	\$0.04B	\$5.39B
VTI	Vanguard Total Stock Market ETF	\$0.32B	\$4.16B	\$10.32B	\$35.31B	\$262.25B
IJH	iShares Core S&P Mid-Cap ETF	\$0.24B	\$0.80B	\$1.58B	\$3.87B	\$59.62B
IVE	iShares S&P 500 Value ETF	\$0.23B	\$0.52B	\$1.20B	\$2.84B	\$23.86B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	(\$0.46B)	(\$1.83B)	(\$4.64B)	(\$1.67B)	\$51.37B
ITOT	iShares Core S&P Total U.S. Stock Market ETF	(\$0.32B)	\$2.69B	\$2.77B	\$5.39B	\$41.37B
IJS	iShares S&P Small-Cap 600 Value ETF	(\$0.28B)	\$0.17B	(\$0.79B)	(\$0.92B)	\$7.14B
VIG	Vanguard Dividend Appreciation ETF	(\$0.24B)	\$0.65B	\$2.14B	\$4.35B	\$62.60B
IWB	iShares Russell 1000 ETF	(\$0.22B)	\$0.92B	\$0.81B	\$0.21B	\$27.64B
VLUE	iShares MSCI USA Value Factor ETF	(\$0.17B)	(\$2.51B)	(\$3.84B)	(\$5.84B)	\$9.04B
IWF	iShares Russell 1000 Growth ETF	(\$0.14B)	\$2.33B	\$1.76B	\$0.80B	\$62.11B
IWD	iShares Russell 1000 Value ETF	(\$0.12B)	\$0.49B	(\$0.62B)	\$1.25B	\$52.53B
SPYV	SPDR Portfolio S&P 500 Value ETF	(\$0.11B)	\$0.13B	\$0.55B	\$1.40B	\$12.73B
HDV	iShares Core High Dividend ETF	(\$0.10B)	\$3.06B	\$4.85B	\$5.08B	\$12.22B

* 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	-4.73%	15.36%	3.95%	4.61%	67.11
XLP	Consumer Staples Select Sector SPDR Fund	-6.83%	9.11%	3.51%	0.78%	66.84
XLV	Health Care Select Sector SPDR Fund	-6.99%	10.80%	3.33%	0.46%	60.87
XLI	Industrial Select Sector SPDR Fund	-12.52%	9.60%	4.25%	-5.05%	66.99
XLRE	Real Estate Select Sector SPDR Fund	-14.75%	13.69%	5.66%	-4.21%	70.37
XLB	Materials Select Sector SPDR Fund	-14.91%	8.70%	-1.19%	-8.46%	58.29
SPY	SPDR S&P 500 ETF Trust	-15.00%	10.99%	3.94%	-6.23%	63.41
XLE	Energy Select Sector SPDR Fund	-18.55%	64.14%	-3.45%	7.73%	55.10
XLK	Technology Select Sector SPDR Fund	-19.59%	15.02%	6.74%	-6.39%	64.39
XLF	Financial Select Sector SPDR Fund	-19.75%	8.13%	1.54%	-10.19%	58.79
XLV	Consumer Discretionary Select Sector SPDR Fund	-25.86%	16.43%	7.53%	-11.19%	62.78
XLC	Communication Services Select Sector SPDR Fund	-34.53%	6.14%	-0.40%	-16.83%	50.88

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance (%)
ICF	iShares Cohen & Steers REIT ETF	3.75%
XLRE	Real Estate Select Sector SPDR Fund	3.69%
PTF	Invesco DWA Technology Momentum ETF	3.67%
XLU	Utilities Select Sector SPDR Fund	3.59%
RYU	Invesco S&P 500 Equal Weight Utilities ETF	3.58%
IDU	iShares U.S. Utilities ETF	3.53%
FUTY	Fidelity MSCI Utilities Index ETF	3.52%
XTN	SPDR S&P Transportation ETF	3.49%
VPU	Vanguard Utilities ETF	3.45%
MORT	VanEck Mortgage REIT Income ETF	3.37%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
AIRR	First Trust RBA American Industrial Renaissance ETF	74.68
IGN	iShares North American Tech-Multimedia Networking E..	74.21
NURE	Nuveen Short-Term REIT ETF	73.36
PAVE	Global X U.S. Infrastructure Development ETF	72.44
REZ	iShares Residential and Multisector Real Estate ETF	72.33
JPRE	JPMorgan Realty Income ETF	72.26
FRI	First Trust S&P REIT Index Fund	72.17
USRT	iShares Core U.S. REIT ETF	72.04
BBRE	JPMorgan BetaBuilders MSCI U.S. REIT ETF	72.01
REM	iShares Mortgage Real Estate ETF	71.97

Sector & Industry 1 Day Performance Laggards

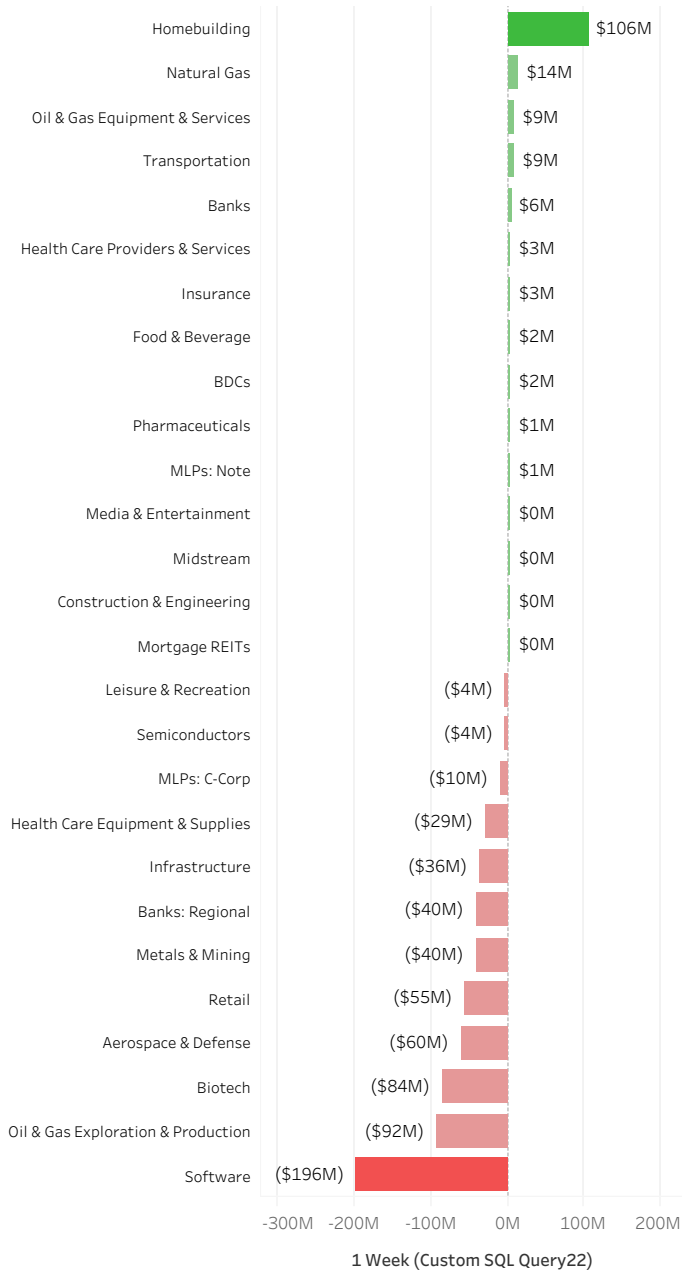
Ticker	Fund	1 Day Performance (%)
KBWP	Invesco KBW Property & Casualty Insurance ETF	-2.24%
PJP	Invesco Dynamic Pharmaceuticals ETF	-1.95%
XLC	Communication Services Select Sector SPDR Fund	-1.14%
IAK	iShares U.S. Insurance ETF	-1.10%
XBI	SPDR S&P BIOTECH ETF	-1.08%
IYZ	iShares U.S. Telecommunications ETF	-0.88%
VOX	Vanguard Communication Services ETF	-0.82%
FTXO	First Trust Nasdaq Bank ETF	-0.71%
KIE	SPDR S&P Insurance ETF	-0.71%
FCOM	Fidelity MSCI Communication Services Index ETF	-0.67%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
KBWP	Invesco KBW Property & Casualty Insurance ETF	35.89
IAK	iShares U.S. Insurance ETF	45.72
PJP	Invesco Dynamic Pharmaceuticals ETF	49.94
KIE	SPDR S&P Insurance ETF	50.01
VOX	Vanguard Communication Services ETF	50.86
XLC	Communication Services Select Sector SPDR Fund	50.88
FCOM	Fidelity MSCI Communication Services Index ETF	51.08
IHE	iShares U.S. Pharmaceuticals ETF	51.64
IYZ	iShares U.S. Telecommunications ETF	51.95
XRT	SPDR S&P Retail ETF	53.11

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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	\$10M	(\$258M)	(\$552M)	(\$383M)
Consumer Discretionary	13	\$22B	(\$245M)	(\$2,407M)	(\$4,973M)	(\$5,219M)
Consumer Staples	12	\$27B	(\$126M)	(\$250M)	\$3,027M	\$5,085M
Energy	34	\$69B	(\$192M)	(\$5,481M)	(\$4,333M)	\$577M
Financials	28	\$56B	(\$76M)	(\$10,507M)	(\$18,747M)	(\$9,462M)
Health Care	26	\$92B	\$119M	\$3,166M	\$7,523M	\$12,639M
Industrial	14	\$27B	(\$100M)	(\$2,822M)	(\$2,658M)	(\$5,650M)
Materials	10	\$14B	(\$144M)	(\$2,537M)	(\$548M)	(\$1,579M)
Multi-Sector	19	\$14B	(\$5M)	(\$424M)	(\$4,723M)	(\$3,580M)
Real Estate	24	\$68B	(\$85M)	(\$2,971M)	(\$5,101M)	\$2,638M
Technology	24	\$120B	\$165M	(\$293M)	(\$24M)	\$4,511M
Utilities	10	\$26B	(\$284M)	\$1,603M	\$3,883M	\$5,037M

U.S. Sector & Industry Flow Leaders

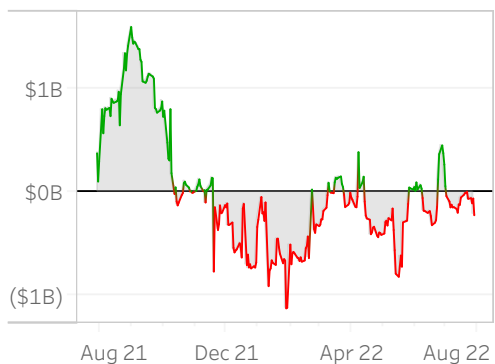
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLK	Technology Select Sector SPDR Fund	\$362M	(\$197M)	\$746M	\$1,724M	\$40,205M
ITB	iShares U.S. Home Construction ETF	\$84M	\$46M	(\$691M)	(\$515M)	\$1,508M
VHT	Vanguard Health Care ETF	\$73M	(\$301M)	\$235M	\$1,264M	\$16,667M
IYH	iShares U.S. Healthcare ETF	\$69M	\$204M	\$122M	\$351M	\$3,080M
XLV	Health Care Select Sector SPDR Fund	\$64M	\$2,301M	\$5,654M	\$7,675M	\$39,416M
XLC	Communication Services Select Sector SPDR Fu..	\$30M	\$250M	(\$281M)	\$108M	\$9,451M
XHB	SPDR S&P Homebuilders ETF	\$22M	(\$120M)	(\$766M)	(\$390M)	\$1,021M
XLE	Energy Select Sector SPDR Fund	\$21M	(\$2,043M)	(\$3,681M)	(\$612M)	\$33,838M
FUTY	Fidelity MSCI Utilities Index ETF	\$20M	\$709M	\$871M	\$956M	\$2,102M
IYK	iShares U.S. Consumer Staples ETF	\$20M	\$323M	\$596M	\$669M	\$1,408M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLU	Utilities Select Sector SPDR Fund	(\$257M)	\$1,037M	\$2,525M	\$3,095M	\$16,027M
IGV	iShares Expanded Tech-Software Sector ETF	(\$196M)	\$245M	(\$108M)	\$1,399M	\$4,264M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$190M)	(\$1,355M)	(\$2,337M)	(\$1,640M)	\$14,175M
XLP	Consumer Staples Select Sector SPDR Fund	(\$169M)	(\$994M)	\$530M	\$1,749M	\$15,054M
IYE	iShares U.S. Energy ETF	(\$133M)	(\$1,538M)	(\$1,284M)	(\$1,264M)	\$2,070M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$93M)	(\$1,156M)	(\$881M)	(\$982M)	\$4,235M
XBI	SPDR S&P BIOTECH ETF	(\$91M)	\$1,137M	\$1,755M	\$3,465M	\$7,613M
XLB	Materials Select Sector SPDR Fund	(\$90M)	(\$963M)	(\$1,238M)	(\$2,123M)	\$5,782M
VNQ	Vanguard Real Estate ETF	(\$75M)	(\$2,099M)	(\$2,158M)	\$774M	\$39,570M
FDN	First Trust Dow Jones Internet Index Fund	(\$67M)	(\$249M)	(\$1,984M)	(\$2,503M)	\$4,060M

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Communication Services



Consumer Discretionary



Consumer Staples



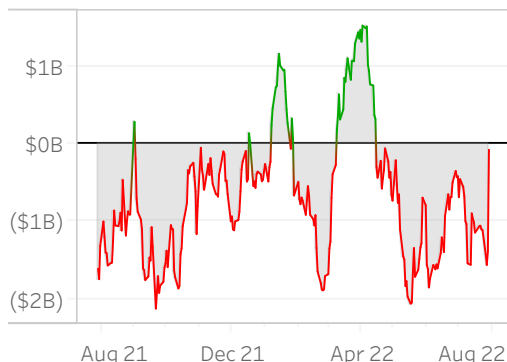
Energy



Financials



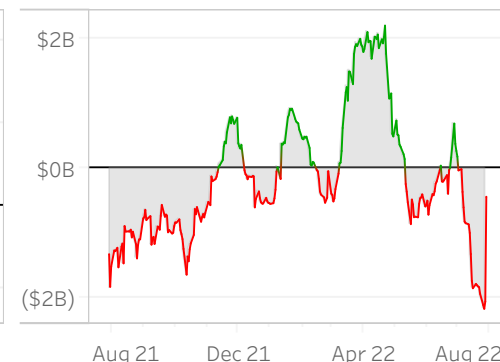
Industrial



Health Care



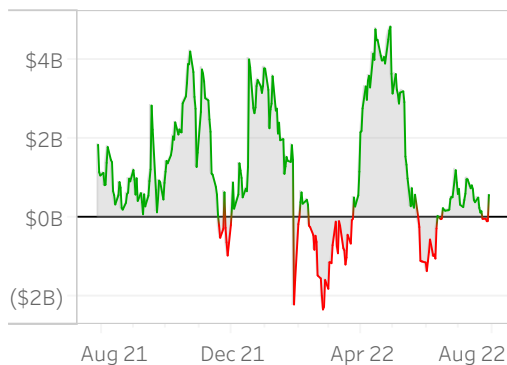
Materials



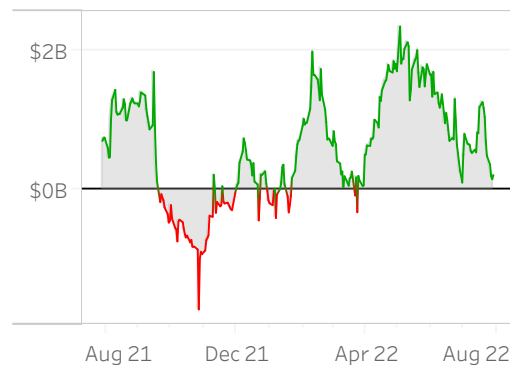
Real Estate



Technology



Utilities

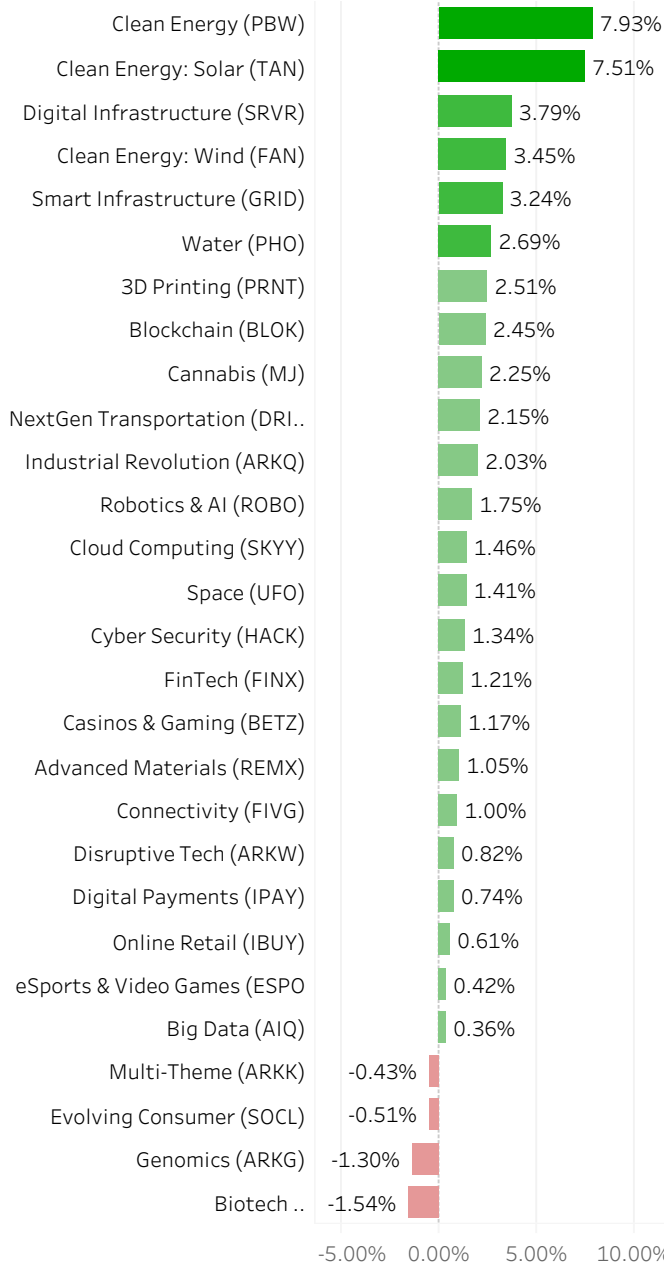


Multi-Sector

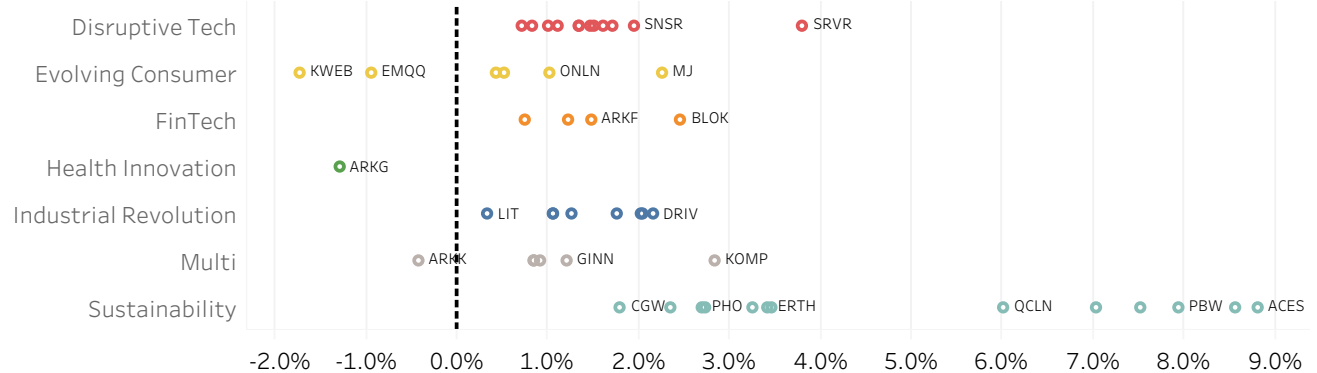


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
ACES	ALPS Clean Energy ETF	8.80%
CNRG	SPDR S&P Kensho Clean Power ETF	8.55%
CTEC	Global X CleanTech ETF	8.04%
PBW	Invesco WilderHill Clean Energy ETF	7.93%
TAN	Invesco Solar ETF	7.51%
ICLN	iShares Global Clean Energy ETF	7.02%
PBD	Invesco Global Clean Energy ETF	6.18%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	6.00%
BKCH	Global X Blockchain ETF	4.28%
BITQ	Bitwise Crypto Industry Innovators ETF	3.87%

Thematic Most Overbought

Ticker	Fund	Value
FIW	First Trust Water ETF	73.62
PHO	Invesco Water Resources ETF	73.16
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	72.60
CGW	Invesco S&P Global Water Index ETF	70.94
ICLN	iShares Global Clean Energy ETF	70.92
TAN	Invesco Solar ETF	70.28
EVX	VanEck Environmental Services ETF	70.17
CNRG	SPDR S&P Kensho Clean Power ETF	69.66
ACES	ALPS Clean Energy ETF	69.57
PIO	Invesco Global Water ETF	68.48

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
KWEB	KraneShares CSI China Internet ETF	-1.74%
SBIO	ALPS Medical Breakthroughs ETF	-1.54%
ARKG	ARK Genomic Revolution ETF	-1.30%
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce E..	-0.95%
IDNA	iShares Genomics Immunology and Healthcare ETF Ge..	-0.77%
BTEC	Principal Healthcare Innovators ETF	-0.69%
SOCL	Global X Social Media ETF	-0.51%
ARKK	ARK Innovation ETF	-0.43%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-0.31%
AGNG	Global X Aging Population ETF	-0.30%

Thematic Most Oversold

Ticker	Fund	Value
KGRN	KraneShares MSCI China Clean Technology Index ETF	43.35
KWEB	KraneShares CSI China Internet ETF	45.83
MJ	ETFMG Alternative Harvest ETF	46.10
YOLO	AdvisorShares Pure Cannabis ETF	46.91
SOCL	Global X Social Media ETF	47.48
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	48.43
BUG	Global X Cybersecurity ETF	48.47
MSOS	AdvisorShares Pure US Cannabis ETF	49.37
WCLD	WisdomTree Cloud Computing Fund	50.26
AWAY	ETFMG Travel Tech ETF	50.44

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Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$24M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$14M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$6M
BUG	Global X Cybersecurity ETF	\$5M
TARK	AXS 2X Innovation ETF	\$5M
MJ	ETFMG Alternative Harvest ETF	\$4M
ICLN	iShares Global Clean Energy ETF	\$4M
FIW	First Trust Water ETF	\$4M
PHO	Invesco Water Resources ETF	\$3M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$3M

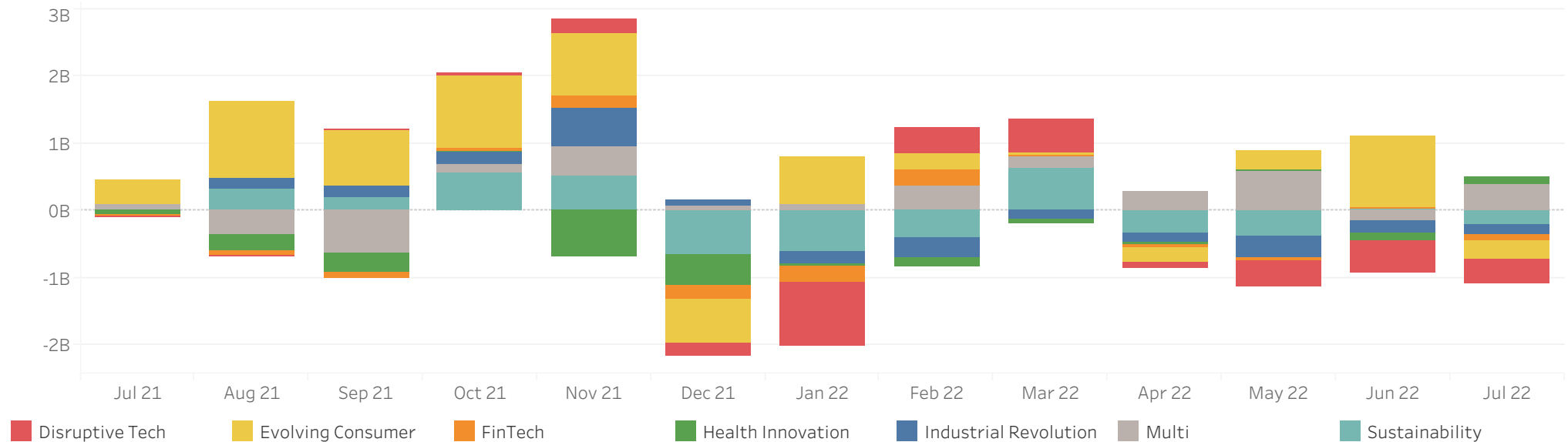
Thematic 1 Week Flow Laggards

Ticker	Fund	
KWEB	KraneShares CSI China Internet ETF	(\$145M)
ARKG	ARK Genomic Revolution ETF	(\$101M)
TAN	Invesco Solar ETF	(\$46M)
IPAY	ETFMG Prime Mobile Payments ETF	(\$38M)
HERO	Global X Video Games & Esports ETF	(\$33M)
WCLD	WisdomTree Cloud Computing Fund	(\$18M)
REMX	VanEck Rare Earth/Strategic Metals ETF	(\$17M)
FINX	Global X FinTech ETF	(\$15M)
ARKW	ARK Next Generation Internet ETF	(\$14M)
IBUY	Amplify Online Retail ETF	(\$13M)

Thematic Landscape Assets & Flows

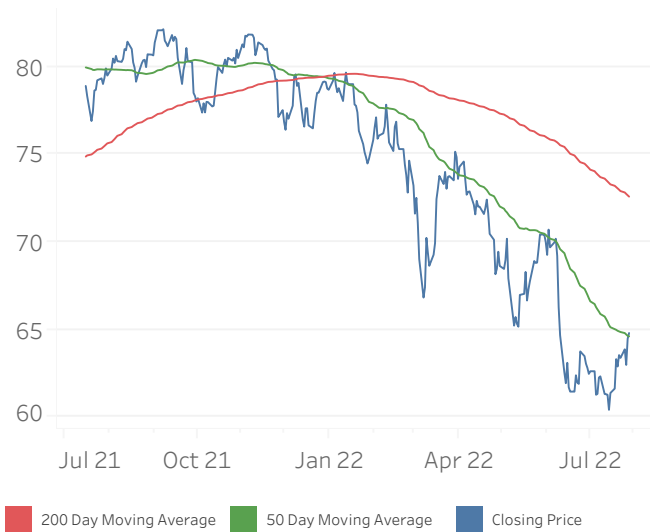
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$18B	(\$47M)	(\$1,198M)	(\$466M)	(\$1,288M)
Evolving Consumer	48	\$12B	(\$156M)	\$1,060M	\$1,076M	\$5,523M
FinTech	24	\$3B	(\$53M)	(\$131M)	\$84M	(\$310M)
Health Innovation	19	\$4B	(\$102M)	\$4M	(\$236M)	(\$1,957M)
Industrial Revolution	32	\$12B	(\$29M)	(\$680M)	(\$1,306M)	(\$290M)
Multi	42	\$16B	(\$80M)	\$846M	\$1,934M	\$1,488M
Sustainability	42	\$18B	(\$46M)	(\$538M)	(\$665M)	(\$273M)
Grand Total	242	\$83B	(\$512M)	(\$638M)	\$421M	\$2,894M

Thematic Monthly Flows

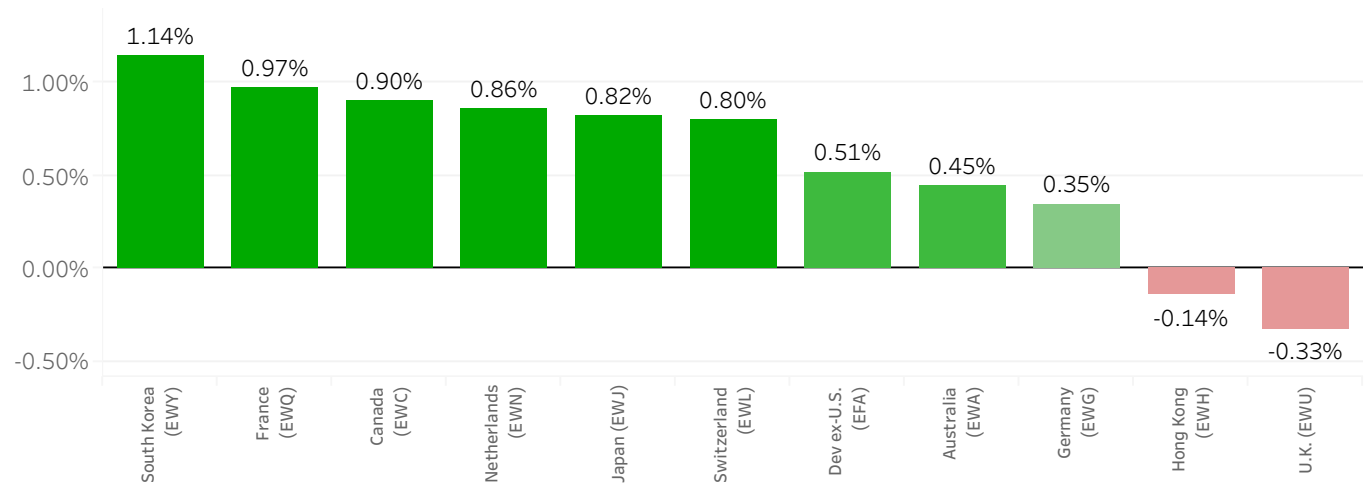


*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



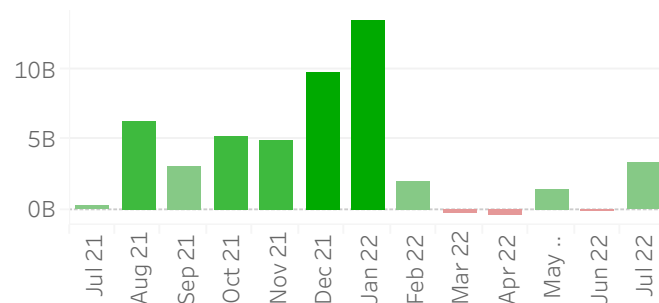
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
FKU	First Trust United Kingdom AlphaDEX Fund	2.25%
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	1.96%
EDEN	iShares MSCI Denmark ETF	1.90%
EWD	iShares MSCI Sweden ETF	1.69%
ENZL	iShares MSCI New Zealand ETF	1.69%
QLVD	FlexShares Developed Markets ex-US Quality Low Volatility I..	1.68%
IQDG	WisdomTree International Quality Dividend Growth Fund	1.66%
EWI	iShares MSCI Italy ETF	1.61%
WPS	iShares International Developed Property ETF	1.57%
IHDG	WisdomTree International Hedged Quality Dividend Growth ..	1.44%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
DFJ	WisdomTree Japan SmallCap Dividend Fund	69.60
SCJ	iShares MSCI Japan Small-Cap ETF	68.03
JPXN	iShares JPX-Nikkei 400 ETF	65.05
EFG	iShares MSCI EAFE Growth ETF	65.00
BBJP	JPMorgan BetaBuilders Japan ETF	64.96
FLJP	Franklin FTSE Japan ETF	64.80
EWS	iShares MSCI Singapore ETF	64.80
ENZL	iShares MSCI New Zealand ETF	64.78
IHDG	WisdomTree International Hedged Quality Dividend Grow..	64.76
IMOM	Alpha Architect International Quantitative Momentum ETF	64.40

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWO	iShares MSCI Austria ETF	-1.78%
DXJ	WisdomTree Japan Hedged Equity Fund	-1.10%
CIL	VictoryShares International Volatility Wtd ETF	-0.99%
EWP	iShares MSCI Spain ETF	-0.92%
HEWJ	iShares Currency Hedged MSCI Japan ETF	-0.81%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	-0.49%
EWU	iShares MSCI United Kingdom ETF	-0.33%
AIA	iShares Asia 50 ETF	-0.31%
IDOG	ALPS International Sector Dividend Dogs ETF	-0.28%
FDD	First Trust Stoxx European Select Dividend Index Fund	-0.27%

Developed ex-U.S. Most Oversold

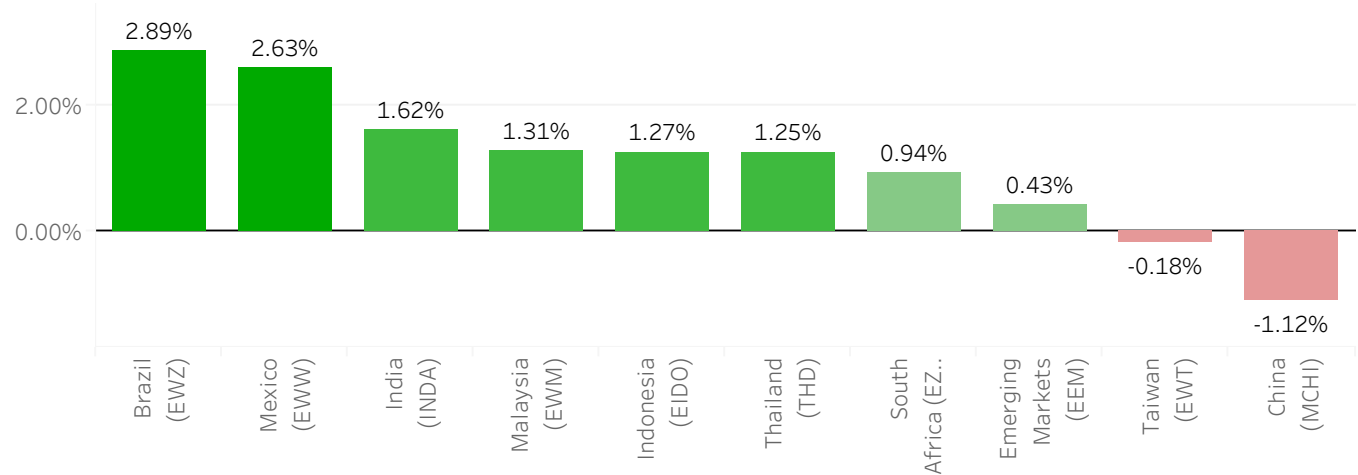
Ticker	Fund	Value
EWP	iShares MSCI Spain ETF	47.93
IDOG	ALPS International Sector Dividend Dogs ETF	48.90
EWH	iShares MSCI Hong Kong ETF	49.20
AIA	iShares Asia 50 ETF	49.22
EWO	iShares MSCI Austria ETF	49.48
EWG	iShares MSCI Germany ETF	50.05
FDD	First Trust Stoxx European Select Dividend Index Fu..	50.06
FIDI	Fidelity International High Dividend ETF	51.14
EWI	iShares MSCI Italy ETF	51.43
AAXJ	iShares MSCI All Country Asia ex Japan ETF	51.76

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

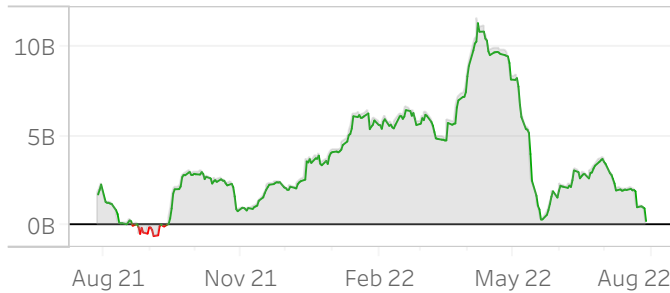
Emerging (EEM)



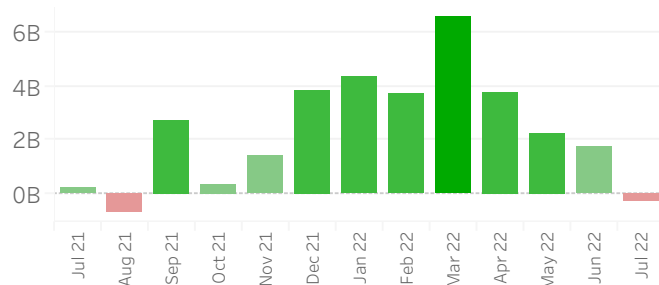
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWZ	iShares MSCI Brazil ETF	2.89%
FLBR	Franklin FTSE Brazil ETF	2.70%
ILF	iShares Latin America 40 ETF	2.63%
EWW	iShares MSCI Mexico ETF	2.63%
EWZS	iShares MSCI Brazil Small-Cap ETF	2.61%
PIN	Invesco India ETF	2.34%
FLLA	Franklin FTSE Latin America ETF	2.04%
FLIN	Franklin FTSE India ETF	1.70%
INDA	iShares MSCI India ETF	1.62%
FRDM	Freedom 100 Emerging Markets ETF	1.51%

Emerging Most Overbought

Ticker	Fund	Price
PIN	Invesco India ETF	66.87
FLIN	Franklin FTSE India ETF	64.86
INDY	iShares India 50 ETF	64.84
QAT	iShares MSCI Qatar ETF	64.62
INDA	iShares MSCI India ETF	64.24
NFTY	First Trust India NIFTY 50 Equal Weight ETF	63.69
EIDO	iShares MSCI Indonesia ETF	63.15
EWM	iShares MSCI Malaysia ETF	61.47
EWZ	iShares MSCI Brazil ETF	61.34
KSA	iShares MSCI Saudi Arabia ETF	61.25

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
FXI	iShares China Large-Cap ETF	-1.29%
PGJ	Invesco Golden Dragon China ETF	-1.22%
MCHI	iShares MSCI China ETF	-1.12%
RAYC	Rayliant Quantamental China Equity ETF	-0.97%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-0.96%
FLCH	Franklin FTSE China ETF	-0.95%
TUR	iShares MSCI Turkey ETF	-0.94%
GXC	SPDR S&P China ETF	-0.82%
KBA	KraneShares BofA MSCI China A 50 Connect Index ETF	-0.70%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-0.53%

Emerging Most Oversold

Ticker	Fund	Price
ECNS	iShares MSCI China Small-Cap ETF	40.37
RAYC	Rayliant Quantamental China Equity ETF	40.42
FLCH	Franklin FTSE China ETF	41.13
GXC	SPDR S&P China ETF	41.28
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	41.35
KBA	KraneShares BofA MSCI China A 50 Connect Index ..	41.46
MCHI	iShares MSCI China ETF	41.64
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	42.77
FXI	iShares China Large-Cap ETF	43.43
CNYA	iShares MSCI China A ETF	44.75

*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	0.72%	3.59%	-7.89%
SHY	1-3 Year Treasury Bonds	0.22%	0.74%	-2.58%
IEF	7-10 Year Treasury Bonds	0.99%	4.55%	-7.94%
TLT	20+ Year Treasury Bonds	0.80%	5.23%	-19.77%
TIP	TIPS Bonds	1.02%	3.51%	-5.60%
FLOT	Floating Rate Bonds	0.10%	0.22%	-0.74%
LQD	Investment Grade Corporate	0.83%	5.13%	-12.56%
HYG	High Yield Corporate	1.02%	6.16%	-8.26%
BKLN	Senior Loan	0.29%	2.60%	-3.27%
PFF	Preferred & Income Securities	0.56%	5.05%	-10.94%
MUB	Municipal Bonds	0.58%	2.95%	-5.84%
MBB	MBS	0.99%	4.59%	-5.82%
EMB	Dollar Denominated EM Bonds	1.29%	4.00%	-17.73%
LEMB	Local Currency EM Bond	0.41%	-0.56%	-13.56%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.08%	-1.64%	25.05%
DBE	Energy	-0.93%	-7.85%	49.77%
USO	WTI Crude Oil	-0.95%	-8.96%	41.89%
BNO	Brent Crude Oil	-0.28%	-6.19%	52.85%
UNG	Natural Gas	-4.71%	25.12%	126.90%
UGA	Gasoline	-1.63%	-13.99%	53.42%
DBP	Precious Metals	1.81%	-3.81%	-7.32%
GLD	Gold	1.22%	-3.53%	-4.28%
SLV	Silver	4.72%	-3.96%	-14.32%
PPLT	abrdn Physical Platin..	-0.25%	-2.40%	-8.23%
PALL	abrdn Physical Palla..	2.62%	11.02%	9.79%
DBB	Base Metals	2.24%	-4.81%	-13.70%
CPER	Copper	0.10%	-7.44%	-22.75%
LD	Lead	-7.00%	2.74%	-13.30%
JJN	Nickel	-1.29%	-6.08%	5.04%
JJU	Aluminum	2.83%	-1.32%	-12.96%
JJT	Tin	-0.89%	-7.18%	-35.90%
DBA	Agriculture	0.95%	-2.14%	1.92%
CORN	Corn	1.97%	-5.67%	15.18%
SOYB	Soybeans	2.09%	-1.25%	18.29%
WEAT	Wheat	3.41%	-10.43%	15.02%
CANE	Sugar	1.96%	-4.22%	-3.70%
BAL	Cotton	3.34%	7.44%	6.30%
NIB	Cocoa	-1.77%	-3.05%	-14.35%
JO	Coffee	0.31%	0.42%	-2.67%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.07%	1.83%	10.81%
UDN	Short Dollar	0.14%	-1.68%	-10.33%
FXE	Euro	-0.23%	-3.32%	-11.00%
FXB	British Pound Sterling	0.01%	-0.16%	-10.16%
FXF	Swiss Franc	0.41%	0.17%	-5.15%
FXJ	Japanese Yen	1.60%	1.32%	-14.53%
FXC	Canadian Dollar	0.01%	0.39%	-1.60%
FXA	Australian Dollar	-0.18%	1.10%	-4.15%

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