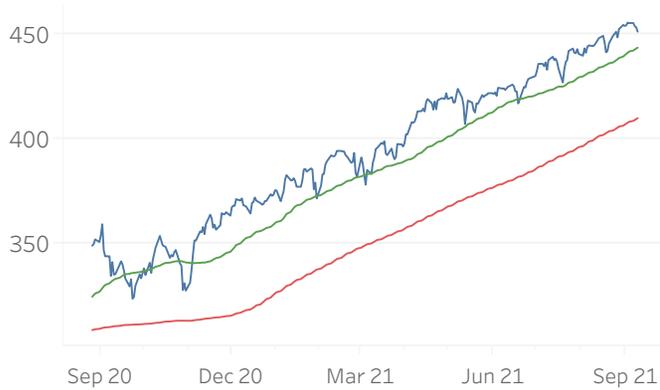
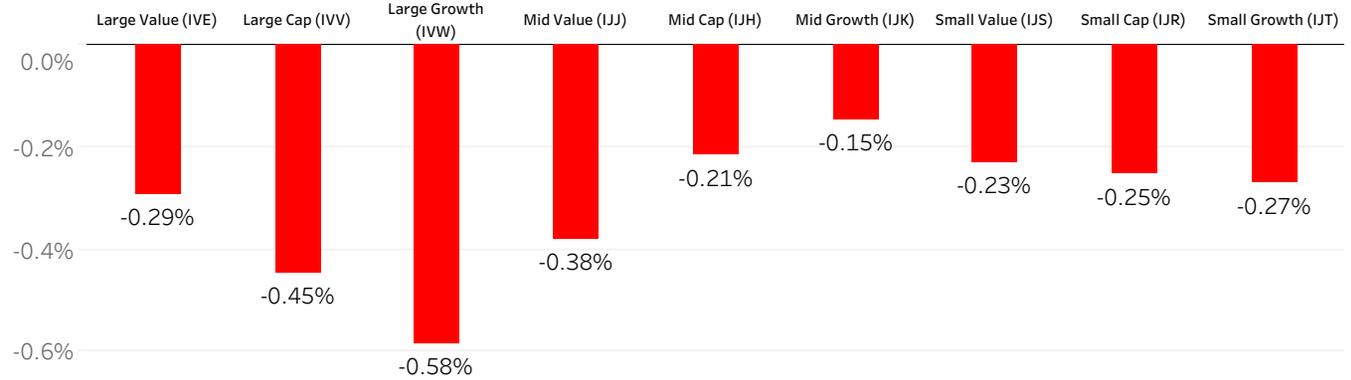


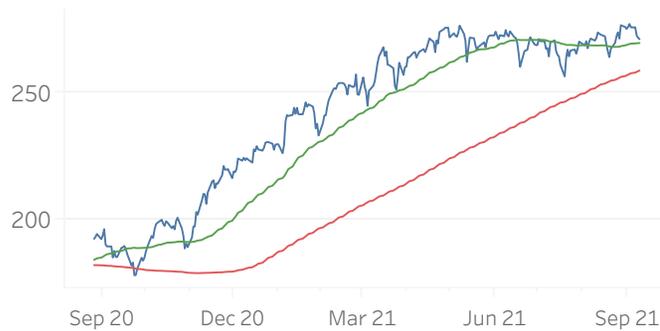
Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



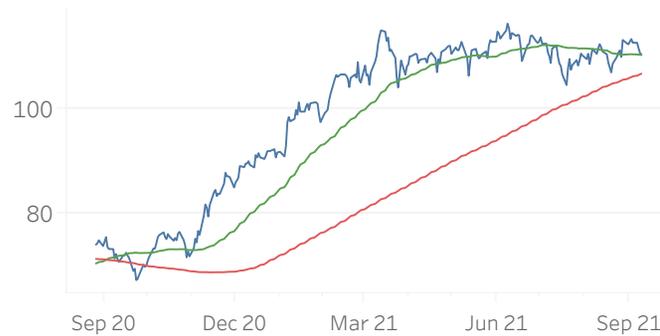
Size & Style 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
IPO	Renaissance IPO ETF	1.47%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	1.28%
FFTY	Innovator IBD 50 ETF	0.94%
FAD	First Trust Multi Cap Growth AlphaDEX Fund	0.77%
DWAS	Invesco DWA SmallCap Momentum ETF	0.74%
FYC	First Trust Small Cap Growth AlphaDEX Fund	0.69%
RFG	Invesco S&P Midcap 400 Pure Growth ETF	0.65%
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	0.65%
CALF	Pacer US Small Cap Cash Cows 100 ETF	0.61%
BUZZ	VanEck Social Sentiment ETF	0.57%

Size & Style Most Overbought

Ticker	Fund	Value
FFTY	Innovator IBD 50 ETF	69.11
IPO	Renaissance IPO ETF	67.50
PTNQ	Pacer Trendpilot 100 ETF	64.04
VUG	Vanguard Growth ETF	64.00
NUMG	Nuveen ESG Mid-Cap Growth ETF	63.97
QQQM	Invesco NASDAQ 100 ETF	63.85
QQQ	Invesco QQQ Trust	63.64
RPG	Invesco S&P 500 Pure Growth ETF	63.30
ONEQ	Fidelity Nasdaq Composite Index ETF	63.23
AIEQ	AI Powered Equity ETF	63.11

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
QQH	HCM Defender 100 Index ETF	-1.11%
XSLV	Invesco S&P SmallCap Low Volatility ETF	-1.05%
XMLV	Invesco S&P MidCap Low Volatility ETF	-0.96%
CSML	IQ Chaikin U.S. Small Cap ETF	-0.90%
DIV	Global X SuperDividend US ETF	-0.90%
SIXL	6 Meridian Low Beta Equity Strategy ETF	-0.88%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	-0.88%
FDLO	Fidelity Low Volatility Factor ETF	-0.86%
SPLV	Invesco S&P 500 Low Volatility ETF	-0.84%
FDL	First Trust Morningstar Dividend Leaders Index Fund	-0.83%

Size & Style Most Oversold

Ticker	Fund	Value
REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	40.13
DJD	Invesco Dow Jones Industrial Average Dividend ETF	40.51
HDV	iShares Core High Dividend ETF	40.58
SDY	SPDR S&P Dividend ETF	40.90
SIXA	6 Meridian Mega Cap Equity ETF	40.91
MGV	Vanguard Mega Cap Value ETF	41.46
DIA	SPDR Dow Jones Industrial Average ETF Trust	42.02
EDOW	First Trust Dow 30 Equal Weight ETF	42.33
VLUE	iShares MSCI USA Value Factor ETF	42.38
WBIF	WBI BullBear Value 3000 ETF	42.67

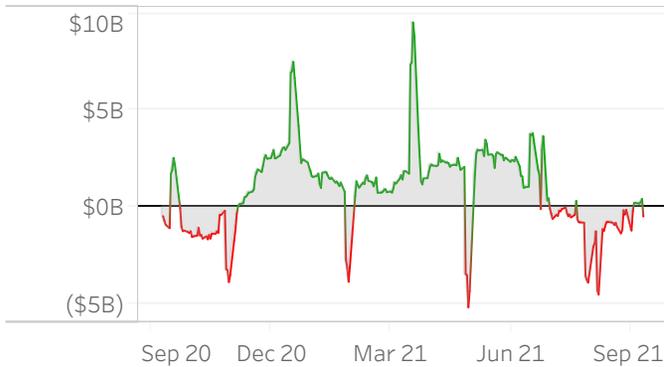
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

* 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	\$1,296B	\$4.02B	\$52.66B	\$73.43B	\$88.85B
Large Cap, Beta Growth, Beta: Growth	10	\$266B	\$0.30B	\$8.88B	\$9.50B	\$3.24B
Mid Cap, Beta, Beta	10	\$187B	\$0.10B	\$0.67B	\$3.43B	\$7.82B
Large Cap, Beta Growth, Beta: Value	10	\$200B	\$0.04B	\$1.60B	\$15.58B	\$32.12B
Small Cap, Beta, Beta: Growth	7	\$39B	\$0.03B	\$0.26B	(\$0.23B)	\$1.45B
Mid Cap, Beta, Beta: Growth	6	\$41B	\$0.02B	\$0.06B	(\$1.39B)	(\$2.40B)
Mid Cap, Beta, Beta: Value	6	\$41B	\$0.00B	(\$0.99B)	\$1.42B	\$3.77B
Small Cap, Beta, Beta: Value	7	\$56B	(\$0.02B)	(\$1.38B)	\$0.85B	\$8.75B
Small Cap, Beta, Beta	12	\$218B	(\$0.09B)	\$1.98B	\$1.54B	\$23.00B

U.S. Size & Style Flow Leaders

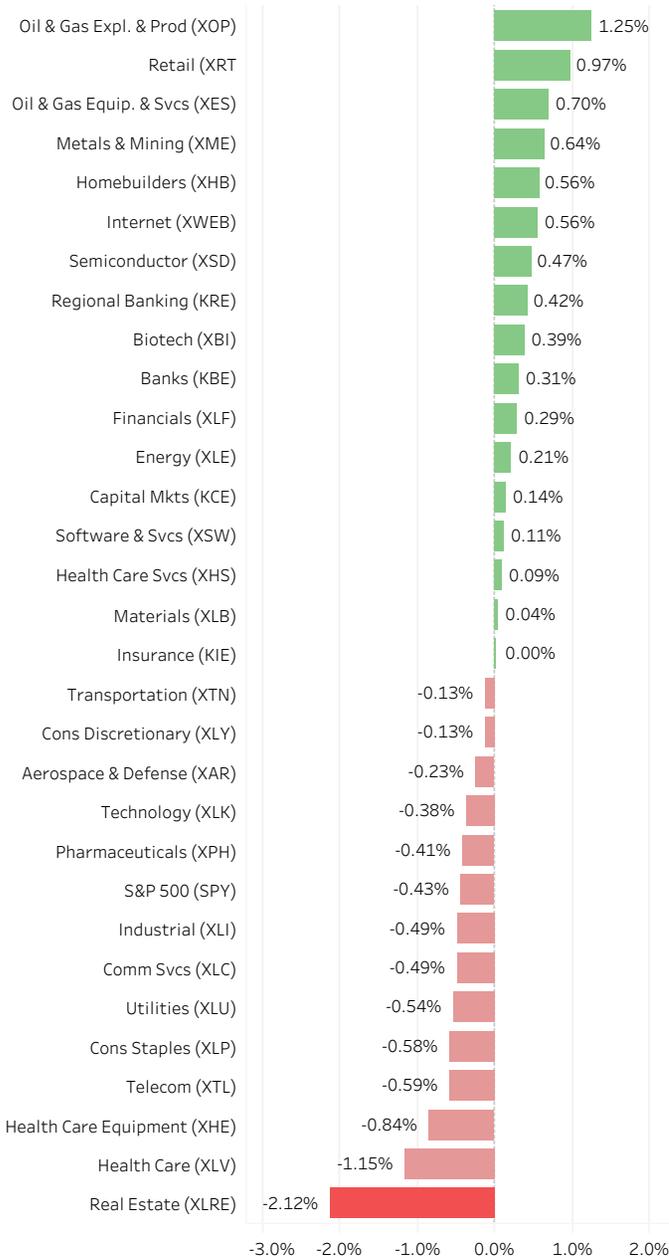
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$5.06B	\$18.07B	\$18.74B	\$9.12B	\$407.38B
VTI	Vanguard Total Stock Market ETF	\$0.46B	\$10.98B	\$22.24B	\$46.19B	\$273.32B
IVV	iShares Core S&P 500 ETF	\$0.34B	\$7.11B	\$9.01B	\$19.24B	\$306.47B
VOO	Vanguard S&P 500 ETF	\$0.18B	\$11.88B	\$22.71B	\$36.86B	\$256.19B
IJH	iShares Core S&P Mid-Cap ETF	\$0.15B	\$0.08B	\$0.88B	\$0.16B	\$63.97B
VUG	Vanguard Growth ETF	\$0.11B	\$2.34B	\$4.04B	\$4.46B	\$87.05B
VV	Vanguard Large-Cap ETF	\$0.07B	\$0.44B	\$0.75B	\$0.67B	\$26.34B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.07B	(\$0.98B)	\$1.34B	\$1.81B	\$30.52B
SCHD	Schwab US Dividend Equity ETF	\$0.07B	\$1.96B	\$6.09B	\$9.87B	\$27.81B
SCHG	Schwab U.S. Large-Cap Growth ETF	\$0.06B	\$0.24B	\$0.47B	\$0.18B	\$16.79B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	(\$1.66B)	\$11.29B	\$14.32B	\$12.65B	\$195.37B
IWM	iShares Russell 2000 ETF	(\$0.14B)	\$0.08B	(\$3.16B)	\$7.06B	\$68.33B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.11B)	(\$0.73B)	(\$0.76B)	(\$0.33B)	\$20.89B
IWB	iShares Russell 1000 ETF	(\$0.06B)	\$0.04B	\$0.32B	(\$0.58B)	\$31.11B
SUSL	iShares ESG MSCI USA Leaders ETF	(\$0.06B)	\$0.20B	\$0.39B	\$0.57B	\$4.02B
FVAL	Fidelity Value Factor ETF	(\$0.05B)	\$0.00B	\$0.06B	\$0.11B	\$0.42B
FQAL	Fidelity Quality Factor ETF	(\$0.05B)	(\$0.01B)	\$0.00B	\$0.01B	\$0.21B
FDLO	Fidelity Low Volatility Factor ETF	(\$0.05B)	\$0.00B	\$0.01B	\$0.02B	\$0.49B
NULG	Nuveen ESG Large-Cap Growth ETF	(\$0.03B)	\$0.06B	\$0.14B	\$0.33B	\$0.86B
IJR	iShares Core S&P Small Cap ETF	(\$0.03B)	(\$0.97B)	(\$0.27B)	\$3.18B	\$69.50B

* 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)
XLY	Consumer Discretionary Select Sector SPDR Fund	-0.32%	29.53%	1.46%	7.06%	59.57
SPY	SPDR S&P 500 ETF Trust	-0.93%	39.16%	1.66%	9.94%	55.25
XLU	Utilities Select Sector SPDR Fund	-0.93%	21.51%	3.38%	7.73%	57.49
XLK	Technology Select Sector SPDR Fund	-0.95%	42.95%	2.49%	13.13%	58.21
XLP	Consumer Staples Select Sector SPDR Fund	-1.07%	15.97%	1.01%	5.04%	51.19
XLC	Communication Services Select Sector SPDR Fund	-1.44%	47.14%	2.20%	11.79%	56.62
XLV	Health Care Select Sector SPDR Fund	-1.78%	32.58%	1.42%	10.43%	49.15
XLRE	Real Estate Select Sector SPDR Fund	-2.63%	40.18%	1.85%	14.48%	51.88
XLF	Financial Select Sector SPDR Fund	-2.92%	63.19%	1.37%	9.60%	49.14
XLI	Industrial Select Sector SPDR Fund	-2.95%	36.80%	-1.02%	4.74%	41.76
XLB	Materials Select Sector SPDR Fund	-5.24%	36.70%	0.40%	5.06%	45.20
XLE	Energy Select Sector SPDR Fund	-14.91%	72.54%	-3.18%	-0.68%	44.96

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PEZ	Invesco DWA Consumer Cyclical Momentum ETF	2.22%
FTXL	First Trust Nasdaq Semiconductor ETF	1.60%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	1.25%
PSCE	Invesco S&P SmallCap Energy ETF	1.19%
PSCD	Invesco S&P SmallCap Consumer Discretionary ETF	1.06%
XRT	SPDR S&P Retail ETF	0.97%
PXI	Invesco DWA Energy Momentum ETF	0.96%
FTXO	First Trust Nasdaq Bank ETF	0.87%
PSI	Invesco Dynamic Semiconductors ETF	0.77%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	0.70%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IHI	iShares U.S. Medical Devices ETF	68.05
FXH	First Trust Health Care AlphaDEX Fund	65.38
XHE	SPDR S&P Health Care Equipment ETF	62.31
PTH	Invesco DWA Healthcare Momentum ETF	60.39
XSD	SPDR S&P Semiconductor ETF	60.20
IETC	iShares Evolved US Technology ETF	60.03
IYW	iShares U.S. Technology ETF	59.95
XLY	Consumer Discretionary Select Sector SPDR Fund	59.57
IGM	iShares Expanded Tech Sector ETF	59.41
RYH	Invesco S&P 500 Equal Weight Health Care ETF	59.33

Sector & Industry 1 Day Performance Laggards

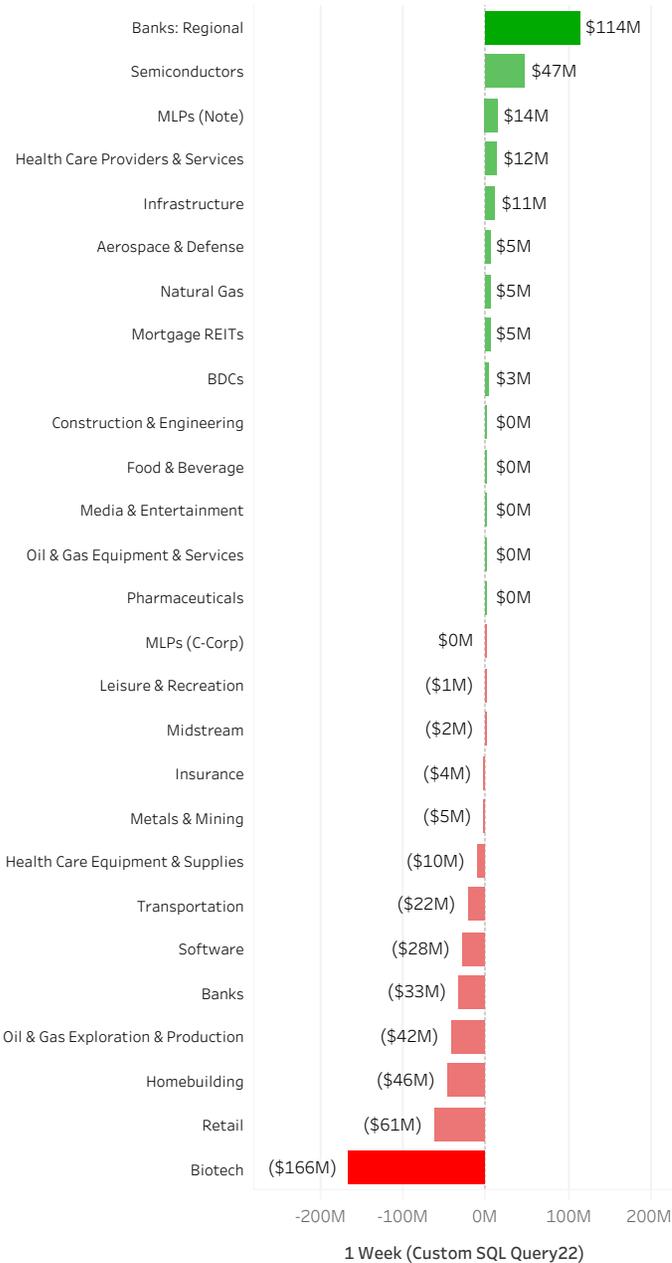
Ticker	Fund	1 Day Performance
NETL	NETLease Corporate Real Estate ETF	-2.60%
INDS	Pacer Benchmark Industrial Real Estate SCTR ETF	-2.40%
ICF	iShares Cohen & Steers REIT ETF	-2.26%
PSR	Invesco Active U.S. Real Estate Fund	-2.18%
USRT	iShares Core U.S. REIT ETF	-2.16%
BBRE	JPMorgan BetaBuilders MSCI U.S. REIT ETF	-2.15%
XLRE	Real Estate Select Sector SPDR Fund	-2.12%
SCHH	Schwab U.S. REIT ETF	-2.10%
FRI	First Trust S&P REIT Index Fund	-2.08%
FREL	Fidelity MSCI Real Estate Index ETF	-2.04%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XAR	SPDR S&P Aerospace & Defense ETF	37.73
PJP	Invesco Dynamic Pharmaceuticals ETF	37.94
IYT	iShares US Transportation ETF	39.82
XPH	SPDR S&P Pharmaceuticals ETF	40.56
ITA	iShares U.S. Aerospace & Defense ETF	40.59
FTXR	First Trust Nasdaq Transportation ETF	40.87
ITB	iShares U.S. Home Construction ETF	41.57
XLI	Industrial Select Sector SPDR Fund	41.76
FIDU	Fidelity MSCI Industrial Index ETF	42.33
PPA	Invesco Aerospace & Defense ETF	42.48

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

U.S. Sector & Industry 1-Week Flows



U.S. Sector Landscape

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Communication Services	9	\$23B	(\$15M)	\$1,726M	\$1,691M	\$2,166M
Consumer Discretionary	13	\$34B	(\$162M)	(\$648M)	(\$374M)	\$2,822M
Consumer Staples	12	\$22B	\$30M	\$978M	\$1,953M	(\$2,976M)
Energy	34	\$47B	\$114M	(\$2,508M)	\$1,114M	\$9,682M
Financials	28	\$77B	(\$1,063M)	(\$3,910M)	\$4,618M	\$20,813M
Health Care	25	\$94B	(\$201M)	\$4,609M	\$4,459M	\$3,655M
Industrial	14	\$36B	(\$593M)	(\$3,437M)	(\$1,734M)	\$4,723M
Materials	10	\$17B	(\$377M)	(\$2,417M)	\$2,331M	\$6,168M
Multi-Sector	16	\$25B	(\$46M)	\$295M	\$2,230M	\$3,848M
Real Estate	21	\$77B	\$905M	\$3,810M	\$8,434M	\$12,427M
Technology	24	\$145B	(\$415M)	\$3,497M	\$2,252M	\$1,143M
Utilities	10	\$21B	(\$130M)	\$1,949M	\$904M	\$382M

U.S. Sector & Industry Flow Leaders

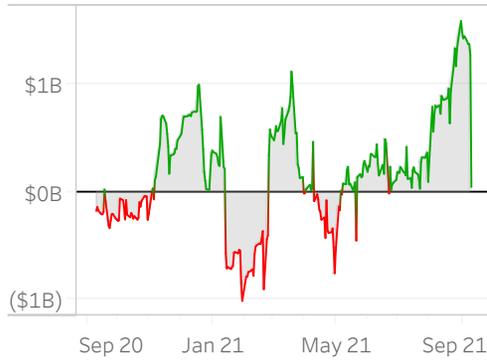
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IYR	iShares U.S. Real Estate ETF	\$887M	\$903M	\$2,248M	\$2,806M	\$7,699M
XLE	Energy Select Sector SPDR Fund	\$141M	(\$807M)	\$721M	\$7,660M	\$22,104M
KRE	SPDR S&P Regional Banking ETF	\$114M	(\$523M)	\$652M	\$2,437M	\$4,481M
VGT	Vanguard Information Technology ETF	\$54M	\$1,259M	\$1,721M	\$1,244M	\$51,578M
SOXX	iShares Semiconductor ETF	\$47M	\$350M	\$474M	\$1,600M	\$7,478M
VHT	Vanguard Health Care ETF	\$46M	\$903M	\$981M	\$1,916M	\$17,057M
FHLC	Fidelity MSCI Health Care Index ETF	\$27M	\$137M	\$98M	\$327M	\$3,023M
KBE	SPDR S&P Bank ETF	\$26M	(\$314M)	(\$470M)	\$740M	\$3,129M
FTEC	Fidelity MSCI Information Technology Index ETF	\$25M	\$152M	\$170M	\$211M	\$6,490M
XLP	Consumer Staples Select Sector SPDR Fund	\$25M	\$865M	\$1,820M	(\$2,333M)	\$13,136M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$1,164M)	(\$3,363M)	\$14M	\$11,570M	\$41,436M
XLI	Industrial Select Sector SPDR Fund	(\$536M)	(\$2,332M)	(\$1,940M)	\$1,947M	\$18,067M
XLK	Technology Select Sector SPDR Fund	(\$534M)	\$649M	\$491M	(\$1,548M)	\$46,063M
XLB	Materials Select Sector SPDR Fund	(\$363M)	(\$1,799M)	\$900M	\$2,796M	\$8,080M
XBI	SPDR S&P BIOTECH ETF	(\$147M)	\$127M	\$503M	\$896M	\$7,548M
XLU	Utilities Select Sector SPDR Fund	(\$139M)	\$1,782M	\$569M	\$8M	\$13,612M
XLV	Health Care Select Sector SPDR Fund	(\$129M)	\$3,415M	\$4,533M	\$2,808M	\$33,734M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$74M)	(\$930M)	(\$1,708M)	\$31M	\$19,820M
XRT	SPDR S&P Retail ETF	(\$61M)	\$309M	\$391M	\$343M	\$1,147M
KBWB	Invesco KBW Bank ETF	(\$59M)	\$323M	\$735M	\$1,229M	\$2,868M

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

Communication Services



Consumer Discretionary



Consumer Staples



Energy



Financials



Industrial



Health Care



Materials



Real Estate



Technology



Utilities

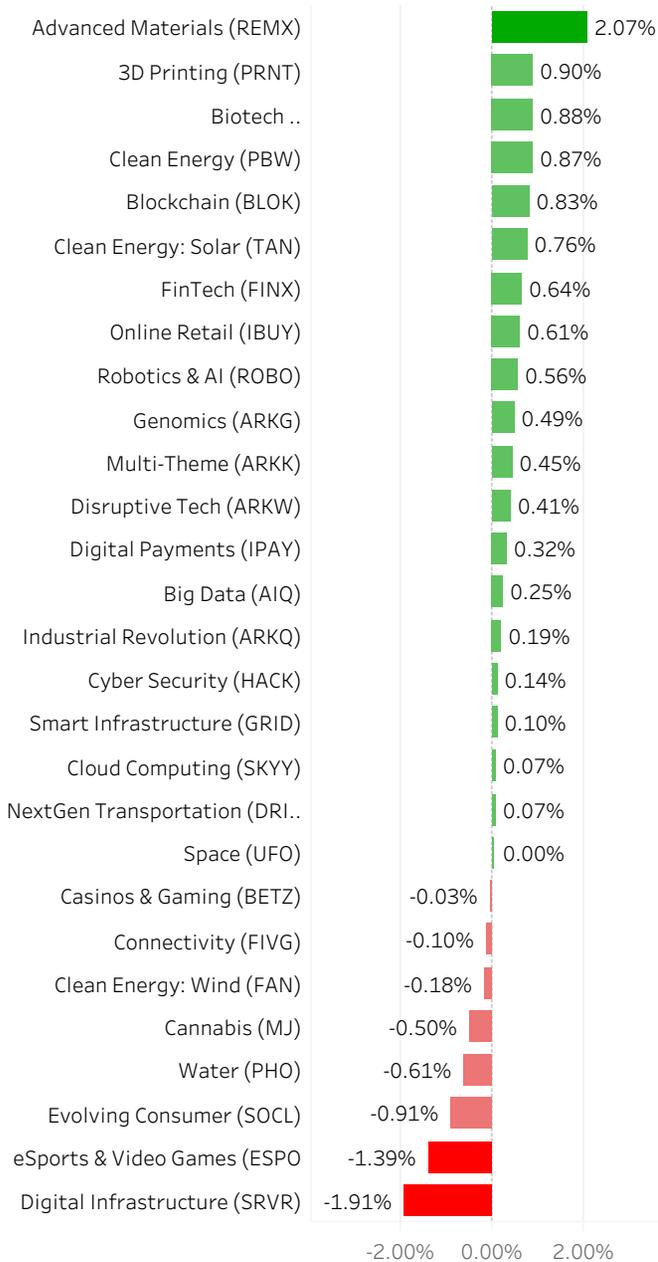


Multi-Sector

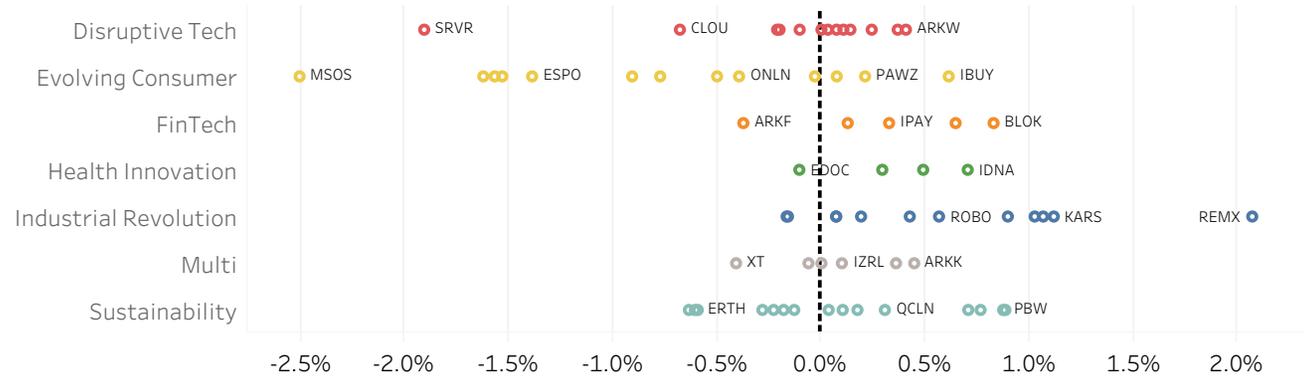


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
REMX	VanEck Rare Earth/Strategic Metals ETF	2.07%
DAPP	VanEck Digital Transformation ETF	1.93%
BITQ	Bitwise Crypto Industry Innovators ETF	1.30%
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	1.12%
BOTZ	Global X Robotics & Artificial Intelligence ETF	1.06%
LIT	Global X Lithium & Battery Tech ETF	1.02%
PRNT	3D Printing ETF	0.90%
PBD	Invesco Global Clean Energy ETF	0.88%
SBIO	ALPS Medical Breakthroughs ETF	0.88%
PBW	Invesco WilderHill Clean Energy ETF	0.87%

Thematic Most Overbought

Ticker	Fund	Value
BOTZ	Global X Robotics & Artificial Intelligence ETF	75.25
KLDW	Knowledge Leaders Developed World ETF	69.42
ROBO	ROBO Global Robotics & Automation Index ETF	67.61
IVES	Wedbush ETFMG Global Cloud Technology ETF	65.35
TECB	iShares U.S. Tech Breakthrough Multisector ETF	65.16
UFO	Procure Space ETF	64.91
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	64.72
PIO	Invesco Global Water ETF	64.46
EBLU	Ecofin Global Water ESG Fund	64.00
QTUM	Defiance Quantum ETF	63.54

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
MSOS	AdvisorShares Pure US Cannabis ETF	-2.51%
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCT..	-1.91%
VPN	Global X Data Center REITs & Digital Infrastructure ETF	-1.85%
YOLO	AdvisorShares Pure Cannabis ETF	-1.62%
EMQQ	Emerging Markets Internet & Ecommerce ETF	-1.57%
HERO	Global X Video Games & Esports ETF	-1.53%
KEMQ	KraneShares Emerging Markets Consumer Technology I..	-1.43%
NERD	Roundhill BITKRAFT Esports & Digital Entertainment ETF	-1.41%
ESPO	VanEck Video Gaming and eSports ETF	-1.39%
KFVG	KraneShares CICC China 5G & Semiconductor Index ETF	-1.17%

Thematic Most Oversold

Ticker	Fund	Value
MSOS	AdvisorShares Pure US Cannabis ETF	28.07
YOLO	AdvisorShares Pure Cannabis ETF	33.16
KSTR	KraneShares SSE STAR Market 50 Index ETF	35.06
CNBS	Amplify Seymour Cannabis ETF	35.40
MJ	ETFMG Alternative Harvest ETF	35.68
POTX	Global X Cannabis ETF	35.88
THCX	Cannabis ETF	37.52
KFVG	KraneShares CICC China 5G & Semiconductor Index ETF	39.77
IBUY	Amplify Online Retail ETF	44.06
ONLN	ProShares Online Retail ETF	44.06

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

Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	\$573M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$36M
BLOK	Amplify Transformational Data Sharing ETF	\$36M
META	Roundhill Ball Metaverse ETF	\$30M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$26M
LIT	Global X Lithium & Battery Tech ETF	\$21M
FIW	First Trust Water ETF	\$14M
BUG	Global X Cybersecurity ETF	\$12M
CGW	Invesco S&P Global Water Index ETF	\$10M
MILN	Global X Millennial Consumer ETF	\$9M

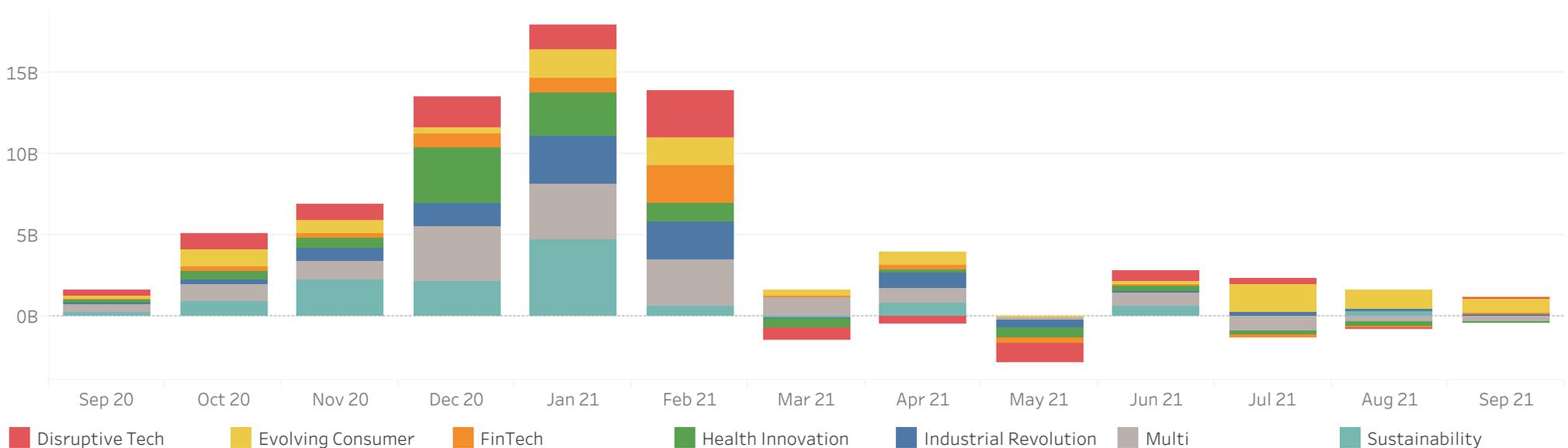
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$370M)
ARKW	ARK Next Generation Internet ETF	(\$76M)
ARKG	ARK Genomic Revolution ETF	(\$34M)
PBW	Invesco WilderHill Clean Energy ETF	(\$17M)
KFVG	KraneShares CICC China 5G & Semiconductor Index ETF	(\$14M)
UBOT	Direxion Daily Robotics, Artificial Intelligence & Automation Inde..	(\$10M)
FINX	Global X FinTech ETF	(\$8M)
ARKX	ARK Space Exploration & Innovation ETF	(\$4M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$4M)
ESPO	VanEck Video Gaming and eSports ETF	(\$4M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	29	\$30B	(\$46M)	\$896M	(\$598M)	\$7,218M
Evolving Consumer	38	\$18B	\$271M	\$3,922M	\$5,154M	\$11,070M
FinTech	12	\$8B	\$30M	(\$94M)	\$297M	\$4,901M
Health Innovation	14	\$10B	(\$29M)	(\$277M)	(\$457M)	\$7,433M
Industrial Revolution	22	\$18B	\$31M	\$554M	\$1,250M	\$8,523M
Multi	27	\$31B	(\$372M)	(\$487M)	\$236M	\$13,407M
Sustainability	31	\$23B	\$12M	\$1,029M	\$2,166M	\$12,984M
Grand Total	173	\$139B	(\$103M)	\$5,544M	\$8,049M	\$65,536M

Thematic Monthly Flows

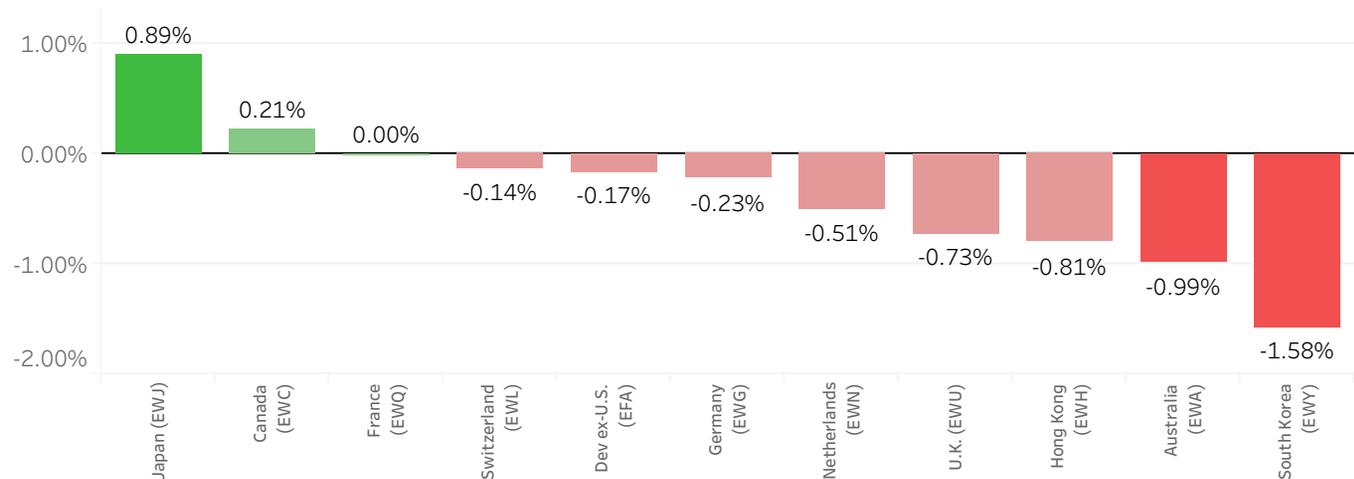


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

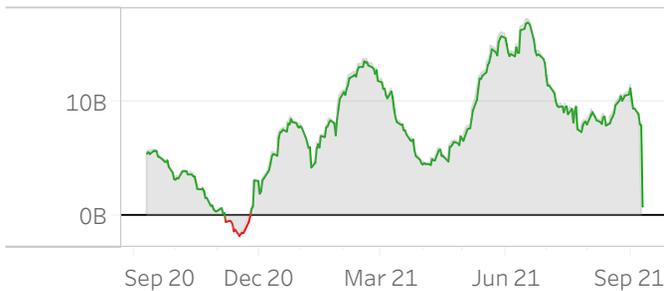
Developed ex-U.S. (EFA)



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



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



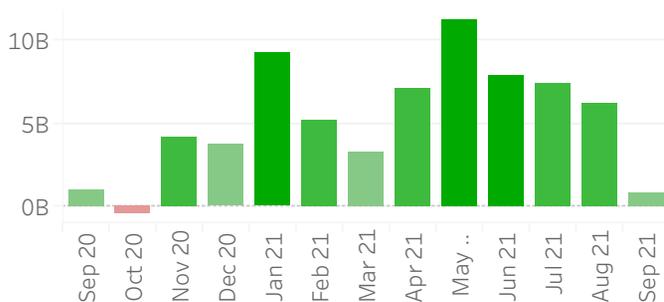
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
SCJ	iShares MSCI Japan Small-Cap ETF	1.24%
EIS	iShares MSCI Israel ETF	0.97%
DFJ	WisdomTree Japan SmallCap Dividend Fund	0.96%
FLJP	Franklin FTSE Japan ETF	0.95%
ISRA	VanEck Israel ETF	0.90%
EWJ	iShares MSCI Japan ETF	0.89%
JPXN	iShares JPX-Nikkei 400 ETF	0.77%
BBJP	JPMorgan BetaBuilders Japan ETF	0.75%
FSZ	First Trust Switzerland AlphaDEX Fund	0.70%
EWS	iShares MSCI Singapore ETF	0.52%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
SCJ	iShares MSCI Japan Small-Cap ETF	78.52
JPXN	iShares JPX-Nikkei 400 ETF	77.53
DFJ	WisdomTree Japan SmallCap Dividend Fund	76.98
HEWJ	iShares Currency Hedged MSCI Japan ETF	76.51
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	76.08
EWJ	iShares MSCI Japan ETF	75.81
BBJP	JPMorgan BetaBuilders Japan ETF	75.53
FLJP	Franklin FTSE Japan ETF	75.47
DXJ	WisdomTree Japan Hedged Equity Fund	73.48
IPAC	iShares Core MSCI Pacific ETF	71.19

Developed ex-U.S. Monthly Flows



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

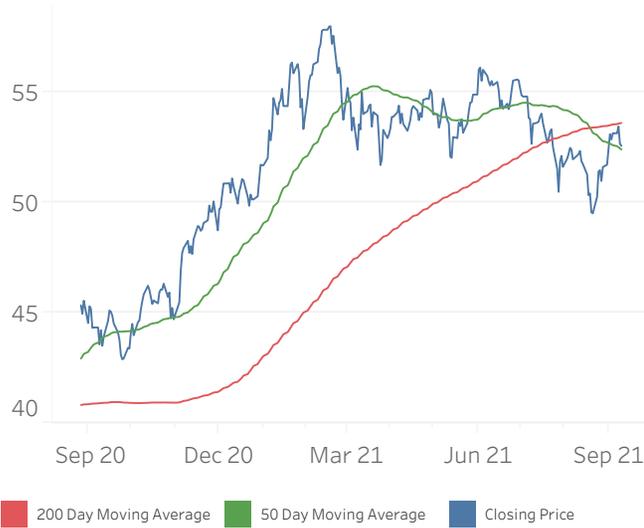
Ticker	Fund	1-Day Performance
EWY	iShares MSCI South Korea ETF	-1.58%
FLKR	Franklin FTSE South Korea ETF	-1.42%
EWA	iShares MSCI Australia ETF	-0.99%
AIA	iShares Asia 50 ETF	-0.93%
EWH	iShares MSCI Hong Kong ETF	-0.81%
BBAX	JPMorgan BetaBuilders Developed Asia ex-Japan ETF	-0.77%
EWU	iShares MSCI United Kingdom ETF	-0.73%
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	-0.63%
EDEN	iShares MSCI Denmark ETF	-0.62%
IDHQ	Invesco S&P International Developed High Quality ETF	-0.62%

Developed ex-U.S. Most Oversold

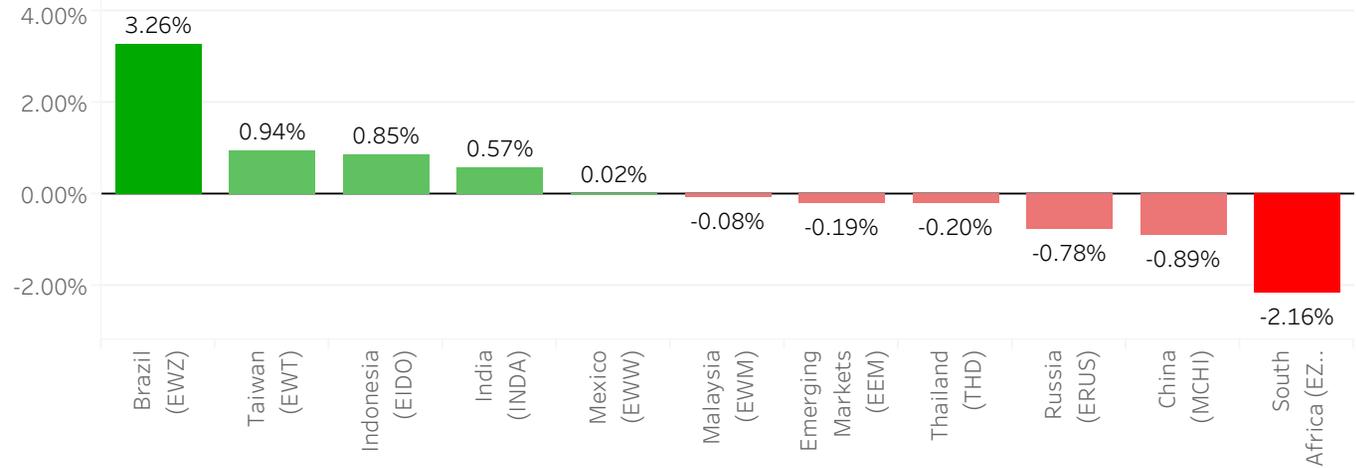
Ticker	Fund	Price
EWL	iShares MSCI Switzerland ETF	36.21
FDD	First Trust Stoxx European Select Dividend Index Fu..	37.18
LVHI	Legg Mason International Low Volatility High Divide..	37.21
FLKR	Franklin FTSE South Korea ETF	38.28
EWY	iShares MSCI South Korea ETF	38.33
HEWG	iShares Currency Hedged MSCI Germany ETF	39.24
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	39.26
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	41.70
IDV	iShares International Select Dividend ETF	41.95
EWG	iShares MSCI Germany ETF	42.19

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

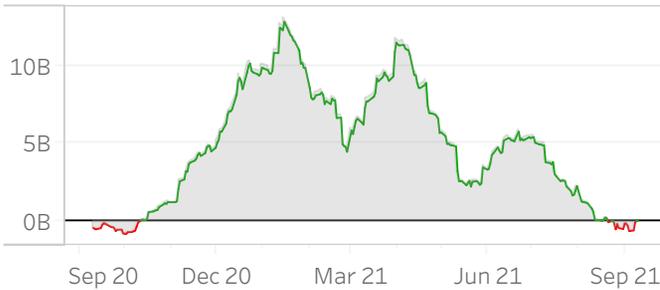
Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



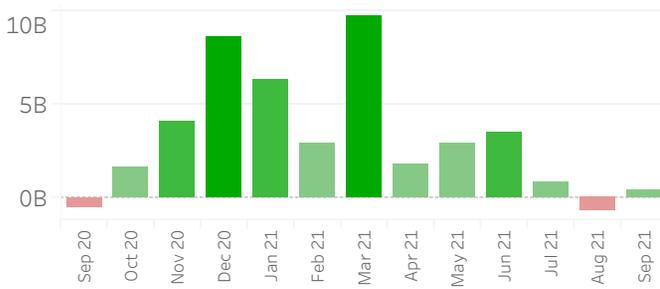
Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWZS	iShares MSCI Brazil Small-Cap ETF	4.32%
FLBR	Franklin FTSE Brazil ETF	3.44%
EWZ	iShares MSCI Brazil ETF	3.26%
ILF	iShares Latin America 40 ETF	1.69%
EPU	iShares MSCI Peru ETF	1.54%
SMIN	iShares MSCI India Small Cap ETF	1.30%
FEM	First Trust Emerging Markets AlphaDEX Fund	1.26%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	1.03%
PIE	Invesco DWA Emerging Markets Momentum ETF	1.02%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	0.95%

Emerging Most Overbought

Ticker	Fund	Value
INDA	iShares MSCI India ETF	73.22
PIN	Invesco India ETF	70.74
INDY	iShares India 50 ETF	70.58
EPHE	iShares MSCI Philippines ETF	68.67
EPI	WisdomTree India Earnings Fund	68.38
NFTY	First Trust India NIFTY 50 Equal Weight ETF	68.35
SMIN	iShares MSCI India Small Cap ETF	67.80
GLIN	VanEck India Growth Leaders ETF	67.50
FEM	First Trust Emerging Markets AlphaDEX Fund	65.14
EELV	Invesco S&P Emerging Markets Low Volatility ETF	64.48

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

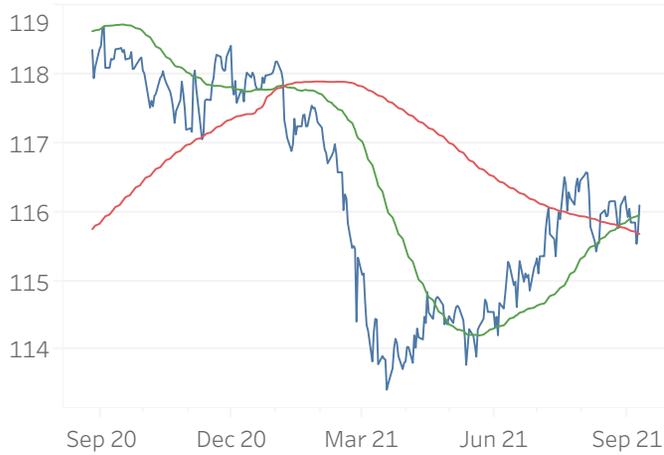
Ticker	Fund	1-Day Performance
EZA	iShares MSCI South Africa ETF	-2.16%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-1.15%
FLCH	Franklin FTSE China ETF	-0.98%
FXI	iShares China Large-Cap ETF	-0.93%
MCHI	iShares MSCI China ETF	-0.89%
ERUS	iShares MSCI Russia ETF	-0.78%
RSX	VanEck Russia ETF	-0.77%
GXC	SPDR S&P China ETF	-0.71%
EPOL	iShares MSCI Poland ETF	-0.69%
XSOE	WisdomTree Emerging Markets ex-State-Owned Enterp..	-0.46%

Emerging Most Oversold

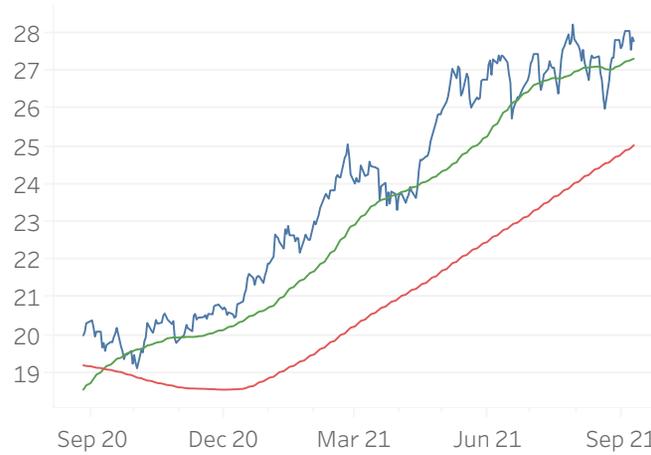
Ticker	Fund	Value
ILF	iShares Latin America 40 ETF	39.40
FLBR	Franklin FTSE Brazil ETF	42.06
EWZ	iShares MSCI Brazil ETF	42.11
ECH	iShares MSCI Chile ETF	42.61
AFK	VanEck Africa Index ETF	43.50
EWZS	iShares MSCI Brazil Small-Cap ETF	43.97
BICK	First Trust BICK Index Fund	44.48
EZA	iShares MSCI South Africa ETF	46.78
TUR	iShares MSCI Turkey ETF	47.94
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	48.68

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

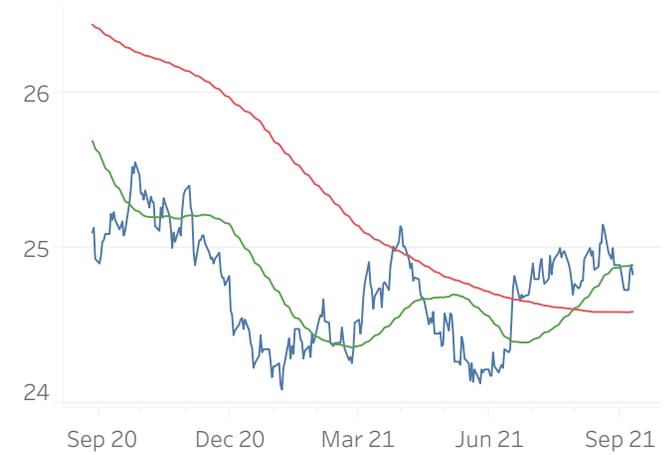
Fixed Income (AGG)



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	0.32%	0.59%	-0.58%
SHY	1-3 Year Treasury Bonds	0.02%	0.08%	-0.01%
IEF	7-10 Year Treasury Bonds	0.28%	0.42%	-1.79%
TLT	20+ Year Treasury Bonds	1.21%	1.81%	-4.09%
TIP	TIPS Bonds	0.53%	1.29%	4.66%
FLOT	Floating Rate Bonds	-0.01%	0.02%	0.40%
LQD	Investment Grade Corporate	0.65%	1.35%	-0.28%
HYG	High Yield Corporate	0.09%	1.21%	3.50%
BKLN	Senior Loan	-0.09%	1.07%	1.74%
PFF	Preferred & Income Securities	0.23%	0.82%	5.59%
MUB	Municipal Bonds	0.00%	-0.21%	1.00%
MBB	MBS	0.05%	0.29%	-0.36%
EMB	Dollar Denominated EM Bonds	0.17%	1.81%	0.21%
LEMB	Local Currency EM Bond	0.07%	1.56%	-3.89%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.36%	3.85%	26.90%
DBE	Energy	-1.21%	2.85%	43.27%
USO	WTI Crude Oil	-1.73%	2.47%	44.65%
BNO	Brent Crude Oil	-1.90%	3.56%	44.49%
UNG	Natural Gas	1.80%	23.60%	90.11%
UGA	Gasoline	-1.23%	-0.47%	48.05%
DBP	Precious Metals	0.25%	3.42%	-7.58%
GLD	Gold	0.44%	3.90%	-5.79%
SLV	Silver	0.45%	2.39%	-9.36%
PPLT	Platinum	-0.35%	-0.13%	-9.38%
PALL	Palladium	-3.39%	-16.14%	-11.41%
DBB	Base Metals	1.15%	4.69%	22.83%
CPER	Copper	1.12%	-0.23%	20.38%
LD	Lead	0.78%	1.59%	15.35%
JJN	Nickel	1.39%	7.54%	19.54%
JJU	Aluminum	1.60%	10.93%	40.65%
JJT	Tin	2.68%	-4.53%	82.60%
DBA	Agriculture	-0.85%	-0.48%	15.68%
CORN	Corn	-0.36%	-6.91%	23.62%
SOYB	Soybeans	-0.67%	-3.36%	13.66%
WEAT	Wheat	-2.60%	-4.94%	8.72%
CANE	Sugar	-0.84%	6.52%	40.30%
BAL	Cotton	-1.26%	2.21%	13.91%
NIB	Cocoa	-0.60%	9.38%	1.35%
JO	Coffee	-1.22%	2.83%	37.96%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.24%	-0.60%	2.43%
UDN	Short Dollar	0.20%	0.44%	-3.44%
FXE	Euro	0.06%	0.68%	-3.89%
FXB	British Pound Sterling	0.45%	-0.10%	0.92%
FXF	Swiss Franc	0.54%	0.30%	-4.25%
FXJ	Japanese Yen	0.49%	0.52%	-6.25%
FXC	Canadian Dollar	0.25%	-0.65%	0.23%
FXA	Australian Dollar	-0.04%	0.45%	-4.74%

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Contact us at:

team@etfaction.com

www.etfaction.com