

### Large Cap Blend (S&P 500) IVV



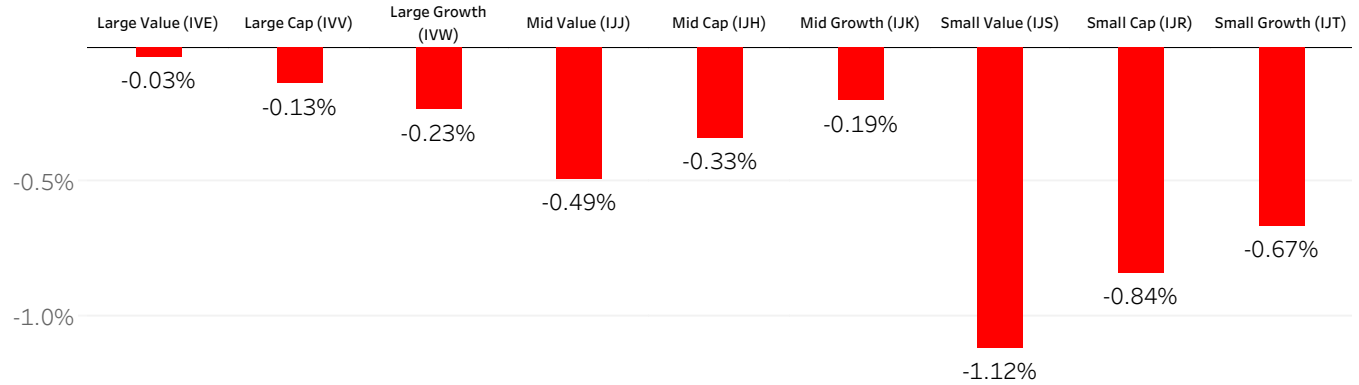
### Mid Cap Blend (S&P 400) IJH



### Small Cap Blend (S&P 600) IJR



### U.S. Size & Style 1-Day Performance



### Size & Style 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
XMLV	Invesco S&P MidCap Low Volatility ETF	1.04%
SPLV	Invesco S&P 500 Low Volatility ETF	0.93%
ALTL	Pacer Lunt Large Cap Alternator ETF	0.90%
LGLV	SPDR SSGA US Large Cap Low Volatility Index ETF	0.73%
FVD	First Trust Value Line Dividend Index Fund	0.71%
VSDA	VictoryShares Dividend Accelerator ETF	0.71%
PSET	Principal Quality ETF	0.69%
FTCS	First Trust Capital Strength ETF	0.68%
HUSV	First Trust Horizon Managed Volatility Domestic ETF	0.68%
XRLV	Invesco S&P 500 ex-Rate Sensitive Low Volatility ETF	0.63%

### Size & Style Most Overbought

Ticker	Fund	Value
MMLG	First Trust Multi-Manager Large Growth ETF	69.17
PTNQ	Pacer Trendpilot 100 ETF	68.97
SPYG	SPDR Portfolio S&P 500 Growth ETF	68.58
VOOG	Vanguard S&P 500 Growth ETF	68.39
MGK	Vanguard Mega Cap Growth ETF	68.16
IVW	iShares S&P 500 Growth ETF	68.11
QQQM	Invesco NASDAQ 100 ETF	67.98
IUSG	iShares Core S&P U.S. Growth ETF	67.76
QQQ	Invesco QQQ Trust	67.61
VUG	Vanguard Growth ETF	67.59

### Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	-1.79%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	-1.76%
JSML	Janus Henderson Small Cap Growth Alpha ETF	-1.65%
DWAS	Invesco DWA SmallCap Momentum ETF	-1.65%
FPX	First Trust US Equity Opportunities ETF	-1.59%
FFTY	Innovator IBD 50 ETF	-1.56%
IPO	Renaissance IPO ETF	-1.55%
BUZZ	VanEck Social Sentiment ETF	-1.47%
CALF	Pacer US Small Cap Cash Cows 100 ETF	-1.42%
QQQN	VictoryShares Nasdaq Next 50 ETF	-1.37%

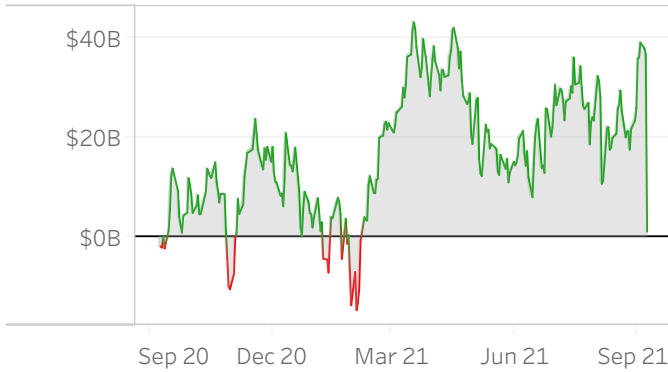
### Size & Style Most Oversold

Ticker	Fund	Value
CALF	Pacer US Small Cap Cash Cows 100 ETF	40.46
SYLD	Cambria Shareholder Yield ETF	41.85
WBIF	WBI BullBear Value 3000 ETF	42.83
SVAL	iShares US Small Cap Value Factor ETF	42.98
REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	43.70
DUSA	Davis Select U.S. Equity ETF	44.19
VLUE	iShares MSCI USA Value Factor ETF	44.31
SDVY	First Trust SMID Cap Rising Dividend Achievers ETF	44.32
RFV	Invesco S&P Midcap 400 Pure Value ETF	44.53
RDIV	Invesco S&P Ultra Dividend Revenue ETF	44.93

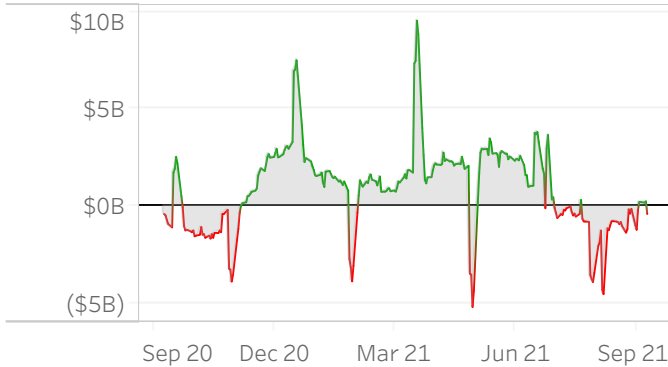
■ Closing Price    
 ■ 50 Day Moving Average    
 ■ 200 Day Moving Average

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

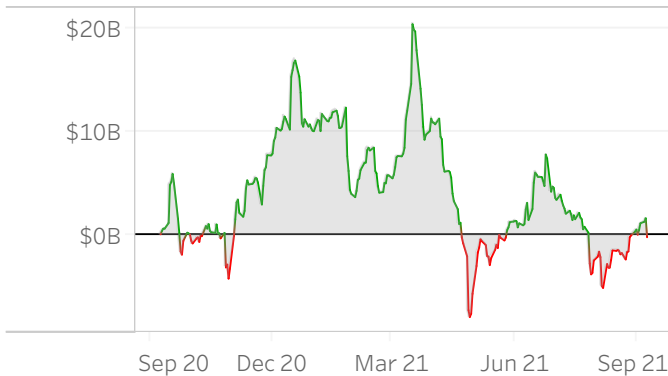
### Large-Cap 30-Day Rolling Flows



### 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	\$1,295B	\$0.72B	\$51.06B	\$66.63B	\$84.90B
Large Cap, Beta Growth, Beta: Growth	10	\$265B	\$0.22B	\$8.69B	\$9.52B	\$3.13B
Mid Cap, Beta, Beta	10	\$189B	\$0.19B	\$0.48B	\$3.45B	\$7.68B
Small Cap, Beta, Beta: Growth	7	\$40B	\$0.05B	\$0.18B	(\$0.14B)	\$1.41B
Large Cap, Beta Growth, Beta: Value	10	\$202B	\$0.02B	\$1.58B	\$16.00B	\$32.15B
Mid Cap, Beta, Beta: Growth	6	\$41B	\$0.01B	\$0.07B	(\$1.74B)	(\$2.61B)
Small Cap, Beta, Beta: Value	7	\$56B	\$0.00B	(\$1.30B)	\$1.24B	\$8.82B
Mid Cap, Beta, Beta: Value	6	\$41B	(\$0.03B)	(\$0.98B)	\$1.42B	\$3.75B
Small Cap, Beta, Beta	12	\$219B	(\$0.05B)	\$2.44B	\$1.50B	\$22.85B

### U.S. Size & Style Flow Leaders

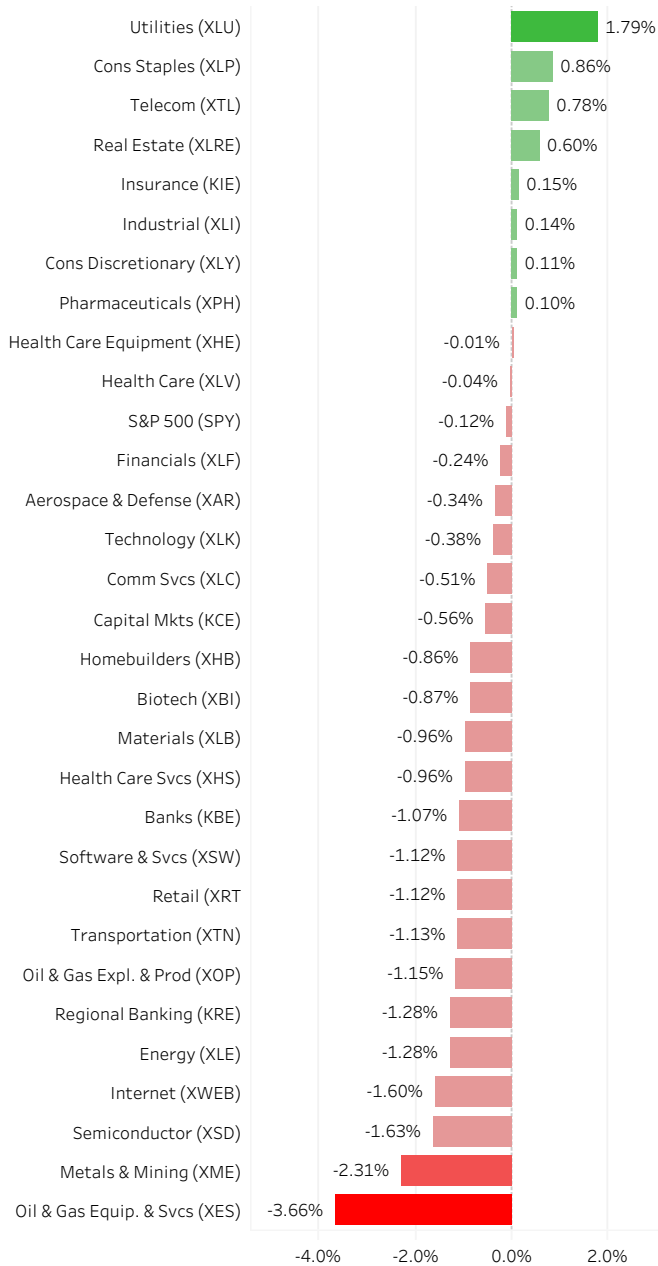
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$1.18B	\$15.65B	\$11.54B	\$3.81B	\$404.11B
IVV	iShares Core S&P 500 ETF	\$0.55B	\$7.08B	\$9.22B	\$19.04B	\$307.32B
IJR	iShares Core S&P Small Cap ETF	\$0.20B	(\$0.94B)	(\$0.32B)	\$3.22B	\$70.22B
VOO	Vanguard S&P 500 ETF	\$0.16B	\$11.94B	\$22.37B	\$37.15B	\$256.96B
VUG	Vanguard Growth ETF	\$0.16B	\$2.24B	\$4.08B	\$4.44B	\$86.92B
IJH	iShares Core S&P Mid-Cap ETF	\$0.14B	(\$0.11B)	\$0.83B	\$0.06B	\$64.67B
QQQM	Invesco NASDAQ 100 ETF	\$0.08B	\$0.79B	\$1.07B	\$1.38B	\$1.91B
SCHD	Schwab US Dividend Equity ETF	\$0.07B	\$2.17B	\$6.15B	\$9.85B	\$28.13B
ESGU	iShares ESG Aware MSCI USA ETF	\$0.07B	\$3.37B	\$5.14B	\$9.30B	\$22.50B
ROUS	Hartford Multifactor US Equity ETF	\$0.06B	\$0.07B	\$0.11B	\$0.13B	\$0.47B

### U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	(\$1.35B)	\$12.34B	\$14.96B	\$13.94B	\$195.79B
VTI	Vanguard Total Stock Market ETF	(\$0.56B)	\$10.97B	\$22.18B	\$46.09B	\$274.28B
IWM	iShares Russell 2000 ETF	(\$0.31B)	\$0.49B	(\$3.12B)	\$6.87B	\$68.65B
FCTR	First Trust Lunt U.S. Factor Rotation ETF	(\$0.10B)	\$0.18B	\$0.26B	\$0.31B	\$0.48B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.07B)	(\$0.91B)	\$1.28B	\$1.73B	\$30.63B
IWF	iShares Russell 1000 Growth ETF	(\$0.06B)	\$2.09B	\$0.53B	(\$2.29B)	\$76.08B
FVAL	Fidelity Value Factor ETF	(\$0.05B)	\$0.01B	\$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	\$0.48B
FTCS	First Trust Capital Strength ETF	(\$0.04B)	\$0.05B	\$0.27B	\$0.98B	\$8.65B

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### 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	-0.19%	29.70%	1.64%	7.29%	60.80
XLU	Utilities Select Sector SPDR Fund	-0.39%	22.18%	4.12%	8.38%	61.07
XLP	Consumer Staples Select Sector SPDR Fund	-0.49%	16.64%	1.67%	5.69%	56.02
SPY	SPDR S&P 500 ETF Trust	-0.50%	39.76%	2.18%	10.52%	60.51
XLRE	Real Estate Select Sector SPDR Fund	-0.51%	43.22%	4.19%	17.11%	66.59
XLK	Technology Select Sector SPDR Fund	-0.57%	43.49%	3.02%	13.69%	61.75
XLV	Health Care Select Sector SPDR Fund	-0.63%	34.13%	2.72%	11.83%	59.58
XLC	Communication Services Select Sector SPDR Fund	-0.95%	47.87%	2.79%	12.48%	61.00
XLI	Industrial Select Sector SPDR Fund	-2.47%	37.46%	-0.55%	5.33%	44.24
XLF	Financial Select Sector SPDR Fund	-3.21%	62.72%	1.12%	9.43%	47.47
XLB	Materials Select Sector SPDR Fund	-5.28%	36.65%	0.40%	5.11%	44.97
XLE	Energy Select Sector SPDR Fund	-15.09%	72.18%	-3.66%	-0.79%	44.31

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
IDU	iShares U.S. Utilities ETF	1.81%
XLU	Utilities Select Sector SPDR Fund	1.79%
FUTY	Fidelity MSCI Utilities Index ETF	1.79%
FXU	First Trust Utilities AlphaDEX Fund	1.75%
RYU	Invesco S&P 500 Equal Weight Utilities ETF	1.68%
VPU	Vanguard Utilities ETF	1.65%
REZ	iShares Residential and Multisector Real Estate E..	1.11%
RHS	Invesco S&P 500 Equal Weight Consumer Staples ..	1.03%
FXG	First Trust Consumer Staples AlphaDEX Fund	0.88%
XLP	Consumer Staples Select Sector SPDR Fund	0.86%

### Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IHI	iShares U.S. Medical Devices ETF	78.34
FXH	First Trust Health Care AlphaDEX Fund	70.00
RYH	Invesco S&P 500 Equal Weight Health Care ETF	69.82
XHE	SPDR S&P Health Care Equipment ETF	69.07
XLRE	Real Estate Select Sector SPDR Fund	66.59
IYR	iShares U.S. Real Estate ETF	66.38
VNQ	Vanguard Real Estate ETF	66.28
INDS	Pacer Benchmark Industrial Real Estate SCTR ETF	66.13
PSR	Invesco Active U.S. Real Estate Fund	65.84
SCHH	Schwab U.S. REIT ETF	65.79

### Sector & Industry 1 Day Performance Laggards

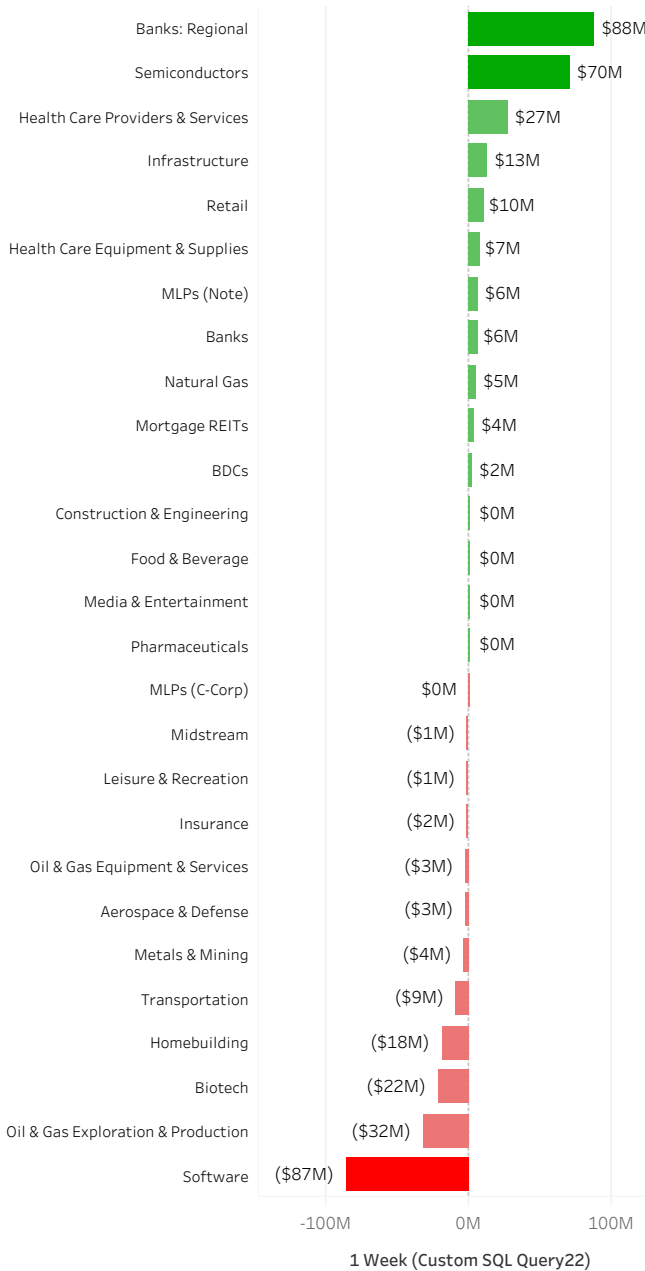
Ticker	Fund	1 Day Performance
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-3.66%
IEZ	iShares U.S. Oil Equipment & Services ETF	-3.52%
XME	SPDR S&P Metals & Mining ETF	-2.31%
PEZ	Invesco DWA Consumer Cyclical Momentum ETF	-2.15%
ITB	iShares U.S. Home Construction ETF	-2.04%
PYZ	Invesco DWA Basic Materials Momentum ETF	-1.96%
PSI	Invesco Dynamic Semiconductors ETF	-1.83%
PSCE	Invesco S&P SmallCap Energy ETF	-1.71%
PSJ	Invesco Dynamic Software ETF	-1.66%
PSCT	Invesco S&P SmallCap Information Technology ETF	-1.64%

### Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
ITA	iShares U.S. Aerospace & Defense ETF	38.22
XAR	SPDR S&P Aerospace & Defense ETF	38.55
PSCD	Invesco S&P SmallCap Consumer Discretionary ETF	38.82
XRT	SPDR S&P Retail ETF	40.85
FTXR	First Trust Nasdaq Transportation ETF	41.77
PPA	Invesco Aerospace & Defense ETF	42.00
XPH	SPDR S&P Pharmaceuticals ETF	42.03
ITB	iShares U.S. Home Construction ETF	42.23
FXD	First Trust Consumer Discretionary AlphaDEX Fund	42.54
KBWR	Invesco KBW Regional Banking ETF	42.98

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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	\$23B	\$32M	\$1,615M	\$1,404M	\$2,234M
Consumer Discretionary	13	\$34B	(\$156M)	(\$577M)	\$307M	\$2,965M
Consumer Staples	12	\$22B	(\$27M)	\$1,110M	\$1,482M	(\$3,024M)
Energy	34	\$47B	\$69M	(\$2,511M)	\$1,706M	\$9,505M
Financials	28	\$78B	(\$577M)	(\$3,794M)	\$5,524M	\$21,198M
Health Care	25	\$95B	(\$7M)	\$5,007M	\$4,734M	\$3,673M
Industrial	14	\$37B	(\$320M)	(\$3,076M)	(\$1,177M)	\$5,111M
Materials	10	\$17B	(\$498M)	(\$2,317M)	\$2,284M	\$6,116M
Multi-Sector	16	\$25B	(\$6M)	\$276M	\$2,254M	\$3,988M
Real Estate	21	\$77B	\$1,096M	\$3,292M	\$7,779M	\$11,707M
Technology	24	\$145B	(\$533M)	\$3,658M	\$2,678M	\$1,511M
Utilities	10	\$22B	(\$154M)	\$1,719M	\$540M	\$32M

## U.S. Sector & Industry Flow Leaders

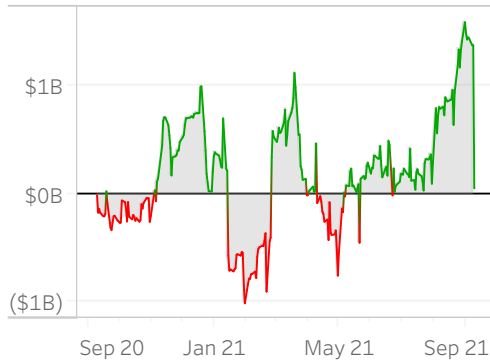
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IYR	iShares U.S. Real Estate ETF	\$918M	\$235M	\$1,569M	\$2,075M	\$7,066M
XLE	Energy Select Sector SPDR Fund	\$102M	(\$846M)	\$1,269M	\$7,539M	\$22,176M
VNQ	Vanguard Real Estate ETF	\$100M	\$1,112M	\$2,748M	\$5,678M	\$46,119M
KRE	SPDR S&P Regional Banking ETF	\$88M	(\$587M)	\$541M	\$2,394M	\$4,478M
SOXX	iShares Semiconductor ETF	\$70M	\$350M	\$474M	\$1,600M	\$7,509M
FREL	Fidelity MSCI Real Estate Index ETF	\$45M	\$269M	\$401M	\$485M	\$2,012M
XLC	Communication Services Select Sector SPDR Fu..	\$30M	\$975M	\$752M	\$1,258M	\$15,986M
IYH	iShares U.S. Healthcare ETF	\$30M	\$260M	\$169M	\$146M	\$3,141M
FHLC	Fidelity MSCI Health Care Index ETF	\$27M	\$134M	\$95M	\$327M	\$3,030M
IHF	iShares U.S. Healthcare Providers ETF	\$27M	\$50M	(\$14M)	(\$56M)	\$1,226M

## U.S. Sector & Industry Flow Laggards

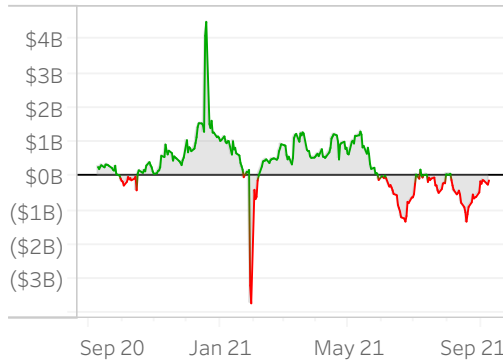
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$676M)	(\$3,200M)	\$887M	\$11,973M	\$42,185M
XLK	Technology Select Sector SPDR Fund	(\$573M)	\$912M	\$767M	(\$1,081M)	\$46,313M
XLB	Materials Select Sector SPDR Fund	(\$457M)	(\$1,716M)	\$812M	\$2,738M	\$8,050M
XLI	Industrial Select Sector SPDR Fund	(\$252M)	(\$1,916M)	(\$1,427M)	\$2,383M	\$18,853M
XLU	Utilities Select Sector SPDR Fund	(\$125M)	\$1,570M	\$253M	(\$321M)	\$13,823M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$92M)	(\$935M)	(\$1,286M)	\$86M	\$19,819M
IGV	iShares Expanded Tech-Software Sector ETF	(\$85M)	(\$66M)	(\$858M)	(\$1,102M)	\$5,671M
XLV	Health Care Select Sector SPDR Fund	(\$75M)	\$3,711M	\$4,702M	\$2,900M	\$34,054M
IYC	iShares U.S. Consumer Services ETF	(\$56M)	(\$221M)	(\$83M)	\$18M	\$1,380M
IYJ	iShares U.S. Industrials ETF	(\$52M)	(\$147M)	\$103M	\$446M	\$1,737M

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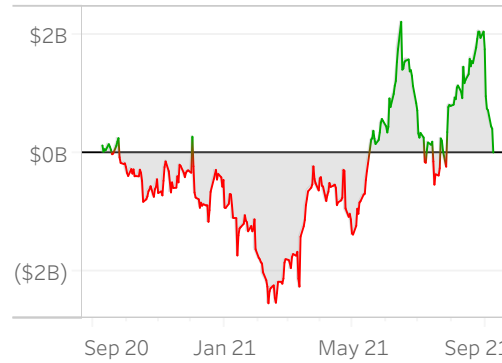
Communication Services



Consumer Discretionary



Consumer Staples



Energy



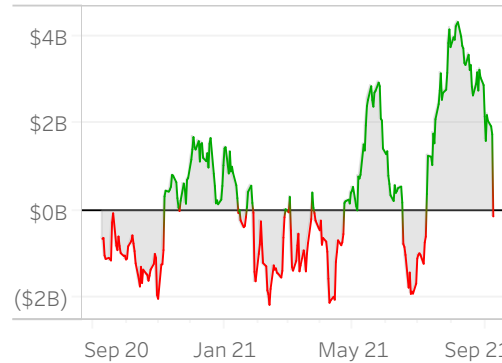
Financials



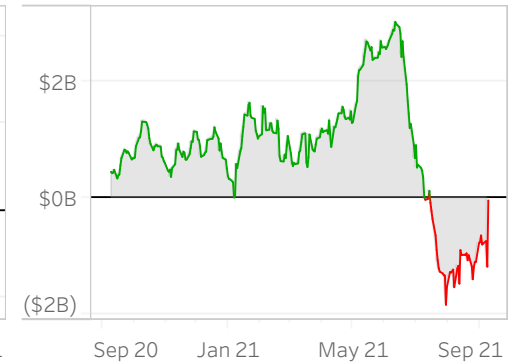
Industrial



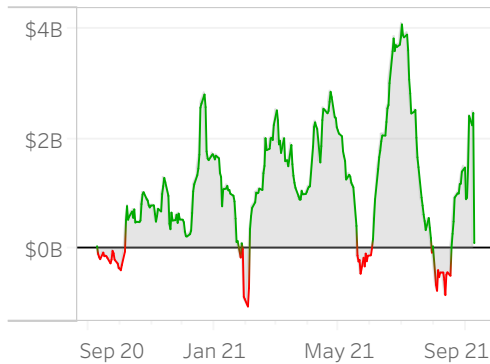
Health Care



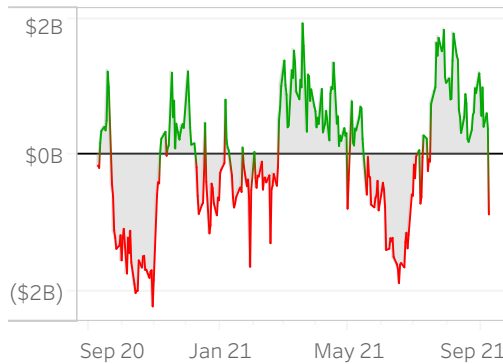
Materials



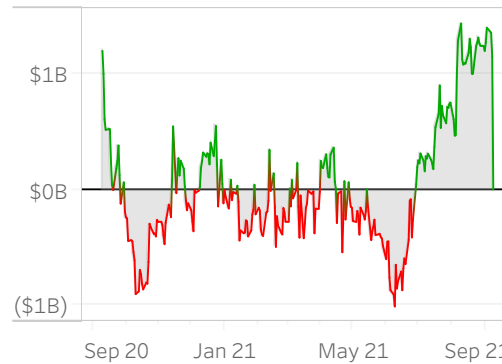
Real Estate



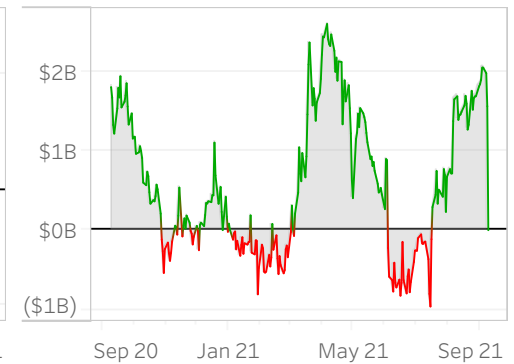
Technology



Utilities

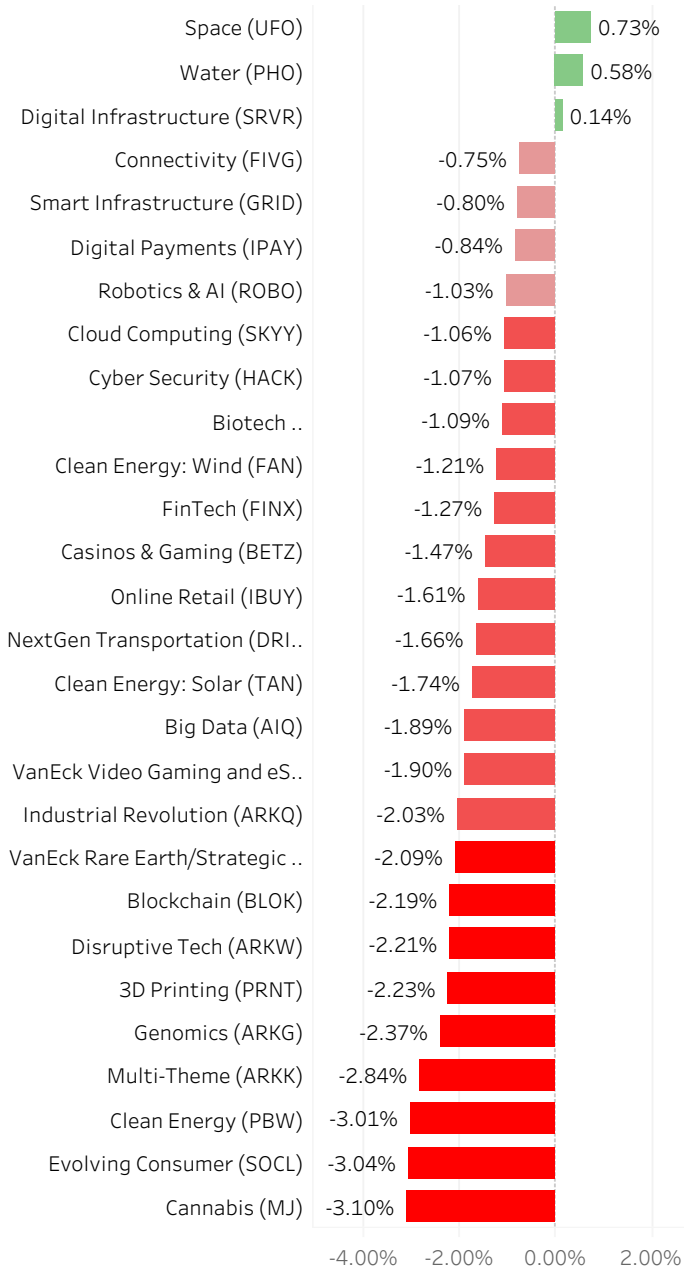


Multi-Sector

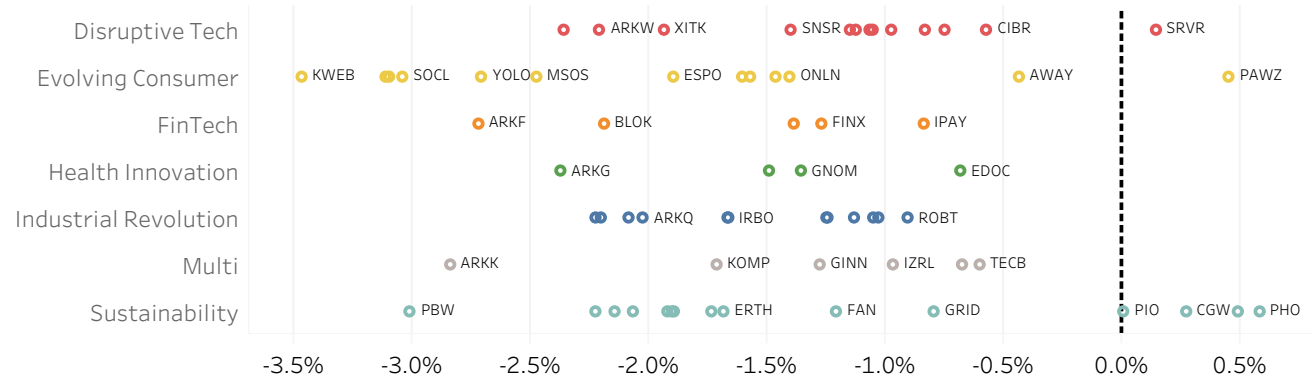


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### Global Thematic Segment 1-Day Performance



### Global Thematic 1-Day Performance Landscape



### Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
EVX	VanEck Environmental Services ETF	0.78%
UFO	Procure Space ETF	0.73%
PHO	Invesco Water Resources ETF	0.58%
FIW	First Trust Water ETF	0.49%
PAWZ	ProShares Pet Care ETF	0.45%
CGW	Invesco S&P Global Water Index ETF	0.27%
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR..	0.14%
PIO	Invesco Global Water ETF	0.00%
EBLU	Ecofin Global Water ESG Fund	-0.16%
VPN	Global X Data Center REITs & Digital Infrastructure ETF	-0.27%

### Thematic Most Overbought

Ticker	Fund	Value
BOTZ	Global X Robotics & Artificial Intelligence ETF	73.05
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR..	70.82
KLDW	Knowledge Leaders Developed World ETF	69.07
BJK	VanEck Gaming ETF	68.13
VPN	Global X Data Center REITs & Digital Infrastructure ETF	67.45
PIO	Invesco Global Water ETF	67.11
ANEW	ProShares MSCI Transformational Changes ETF	66.56
TECB	iShares U.S. Tech Breakthrough Multisector ETF	65.77
ROBO	ROBO Global Robotics & Automation Index ETF	65.53
CGW	Invesco S&P Global Water Index ETF	65.41

### Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
DAPP	VanEck Digital Transformation ETF	-4.21%
POTX	Global X Cannabis ETF	-3.90%
KWEB	KraneShares CSI China Internet ETF	-3.47%
CTEC	Global X CleanTech ETF	-3.32%
CNBS	Amplify Seymour Cannabis ETF	-3.14%
EMQQ	Emerging Markets Internet & Ecommerce ETF	-3.11%
MJ	ETFMG Alternative Harvest ETF	-3.10%
SOCL	Global X Social Media ETF	-3.04%
PBW	Invesco WilderHill Clean Energy ETF	-3.01%
BITQ	Bitwise Crypto Industry Innovators ETF	-3.01%

### Thematic Most Oversold

Ticker	Fund	Value
MSOS	AdvisorShares Pure US Cannabis ETF	31.56
POTX	Global X Cannabis ETF	35.65
YOLO	AdvisorShares Pure Cannabis ETF	36.08
KSTR	KraneShares SSE STAR Market 50 Index ETF	36.15
MJ	ETFMG Alternative Harvest ETF	36.46
CNBS	Amplify Seymour Cannabis ETF	36.48
THCX	Cannabis ETF	38.44
IBUY	Amplify Online Retail ETF	41.20
PAWZ	ProShares Pet Care ETF	42.53
KFVG	KraneShares CICC China 5G & Semiconductor Index ETF	43.36

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### Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	\$607M
BUG	Global X Cybersecurity ETF	\$39M
META	Roundhill Ball Metaverse ETF	\$34M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$26M
BLOK	Amplify Transformational Data Sharing ETF	\$26M
LIT	Global X Lithium & Battery Tech ETF	\$25M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$21M
PHO	Invesco Water Resources ETF	\$14M
IHAK	iShares Cybersecurity & Tech ETF	\$14M
FIW	First Trust Water ETF	\$14M

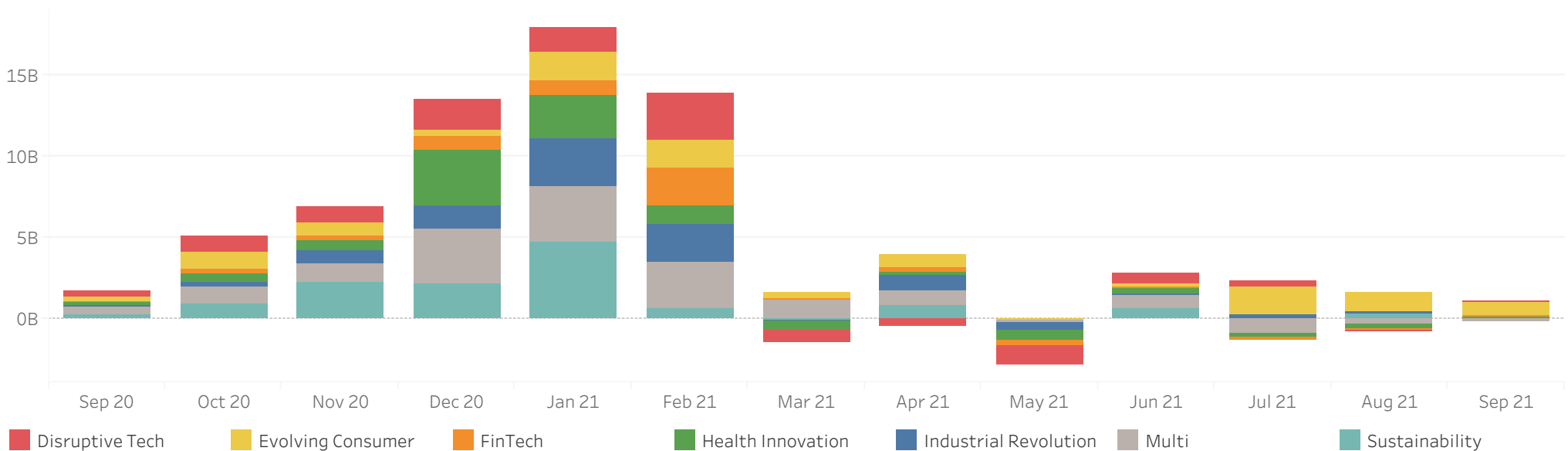
### Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$206M)
PBW	Invesco WilderHill Clean Energy ETF	(\$40M)
KFVG	KraneShares CICC China 5G & Semiconductor Index ETF	(\$14M)
ESPO	VanEck Video Gaming and eSports ETF	(\$11M)
ARKG	ARK Genomic Revolution ETF	(\$9M)
ARKW	ARK Next Generation Internet ETF	(\$8M)
FINX	Global X FinTech ETF	(\$8M)
TAN	Invesco Solar ETF	(\$7M)
SKYY	First Trust Cloud Computing ETF	(\$6M)
UFO	Procore Space ETF	(\$5M)

### Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	29	\$30B	(\$27M)	\$994M	(\$687M)	\$7,280M
Evolving Consumer	38	\$18B	\$503M	\$3,844M	\$4,947M	\$11,027M
FinTech	12	\$8B	\$27M	(\$100M)	\$259M	\$4,881M
Health Innovation	14	\$11B	(\$17M)	(\$163M)	(\$430M)	\$7,444M
Industrial Revolution	22	\$18B	\$39M	\$529M	\$1,217M	\$8,505M
Multi	27	\$31B	(\$157M)	(\$316M)	\$815M	\$13,569M
Sustainability	31	\$23B	\$17M	\$1,026M	\$2,098M	\$12,986M
<b>Grand Total</b>	<b>173</b>	<b>\$140B</b>	<b>\$385M</b>	<b>\$5,814M</b>	<b>\$8,219M</b>	<b>\$65,692M</b>

### Thematic Monthly Flows



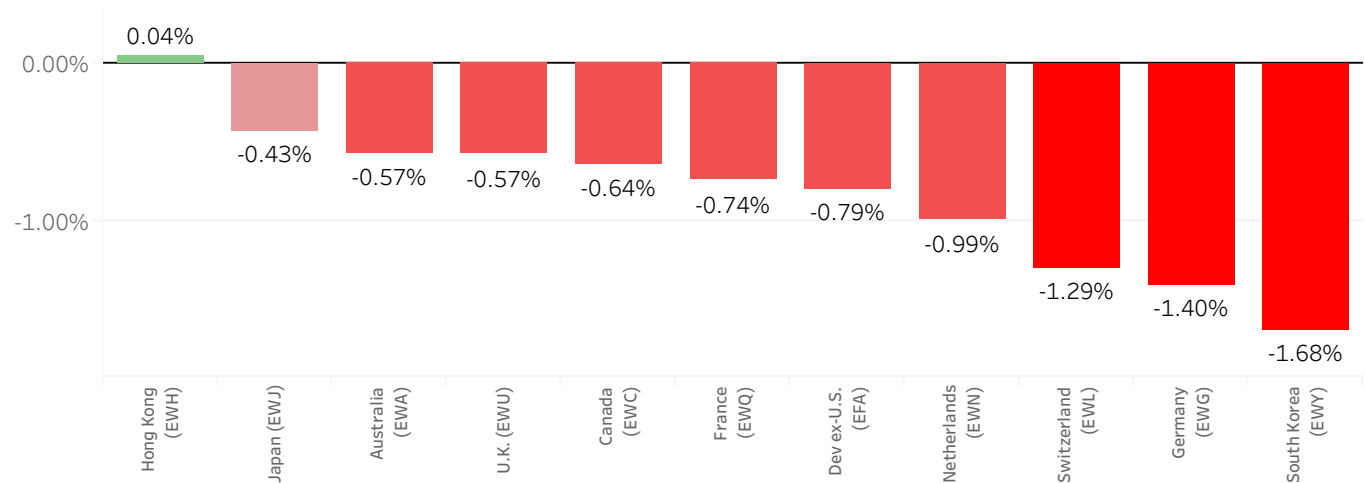
\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



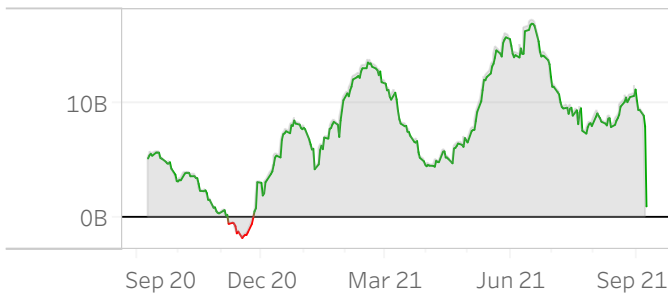
Developed ex-U.S. (EFA)



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



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



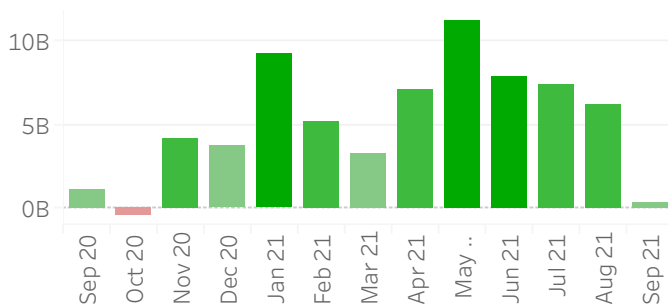
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
LVHI	Legg Mason International Low Volatility High Dividend ETF	0.08%
EWH	iShares MSCI Hong Kong ETF	0.04%
TOK	iShares MSCI Kokusai ETF	0.02%
FKU	First Trust United Kingdom AlphaDEX Fund	-0.04%
DXJ	WisdomTree Japan Hedged Equity Fund	-0.12%
DFJ	WisdomTree Japan SmallCap Dividend Fund	-0.13%
SCJ	iShares MSCI Japan Small-Cap ETF	-0.24%
IDV	iShares International Select Dividend ETF	-0.25%
HEWJ	iShares Currency Hedged MSCI Japan ETF	-0.27%
JPXN	iShares JPX-Nikkei 400 ETF	-0.29%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
HEWJ	iShares Currency Hedged MSCI Japan ETF	75.69
JPXN	iShares JPX-Nikkei 400 ETF	75.64
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	75.19
SCJ	iShares MSCI Japan Small-Cap ETF	74.84
DFJ	WisdomTree Japan SmallCap Dividend Fund	74.08
BBJP	JPMorgan BetaBuilders Japan ETF	73.51
EWJ	iShares MSCI Japan ETF	73.48
DXJ	WisdomTree Japan Hedged Equity Fund	73.25
FLJP	Franklin FTSE Japan ETF	72.91
IPAC	iShares Core MSCI Pacific ETF	70.05

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
GREK	Global X MSCI Greece ETF	-1.88%
FLKR	Franklin FTSE South Korea ETF	-1.83%
EIRL	iShares MSCI Ireland ETF	-1.74%
EWD	iShares MSCI Sweden ETF	-1.71%
EWY	iShares MSCI South Korea ETF	-1.68%
AIA	iShares Asia 50 ETF	-1.57%
IEUS	iShares MSCI Europe Small-Cap ETF	-1.52%
DFE	WisdomTree Europe SmallCap Dividend Fund	-1.49%
FSZ	First Trust Switzerland AlphaDEX Fund	-1.45%
EWG	iShares MSCI Germany ETF	-1.40%

Developed ex-U.S. Most Oversold

Ticker	Fund	Price
EWL	iShares MSCI Switzerland ETF	37.04
FDD	First Trust Stoxx European Select Dividend Index Fu..	38.42
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	41.77
HEWG	iShares Currency Hedged MSCI Germany ETF	41.91
FLKR	Franklin FTSE South Korea ETF	42.01
LVHI	Legg Mason International Low Volatility High Divide..	42.18
EWY	iShares MSCI South Korea ETF	42.45
EWG	iShares MSCI Germany ETF	43.66
FSZ	First Trust Switzerland AlphaDEX Fund	43.70
EWI	iShares MSCI Italy ETF	45.06

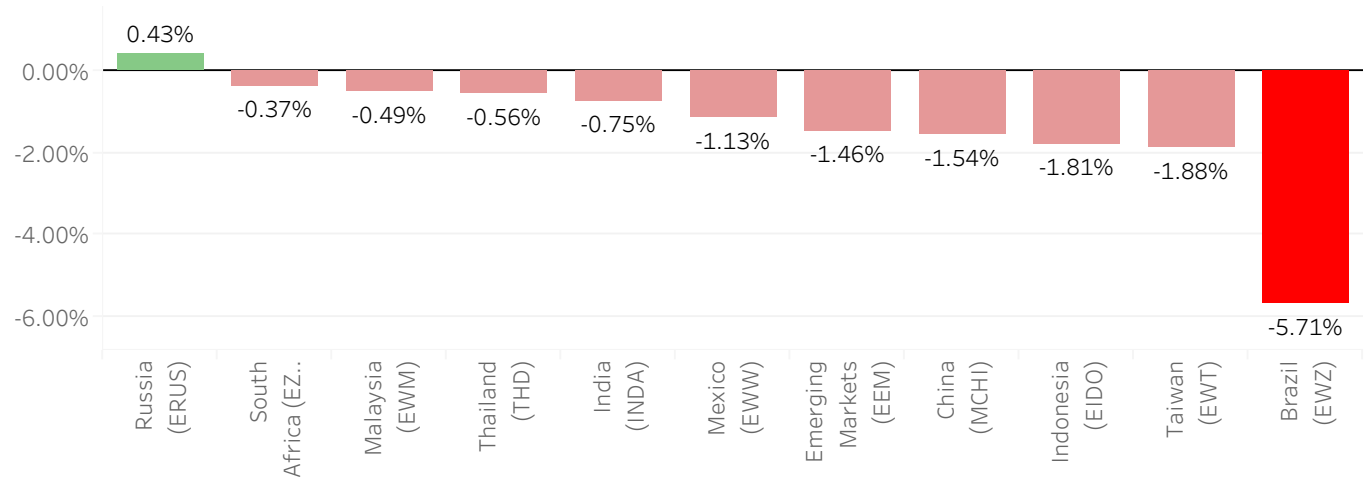
\* ETF Landscape represented using the ETF Action classification system \*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



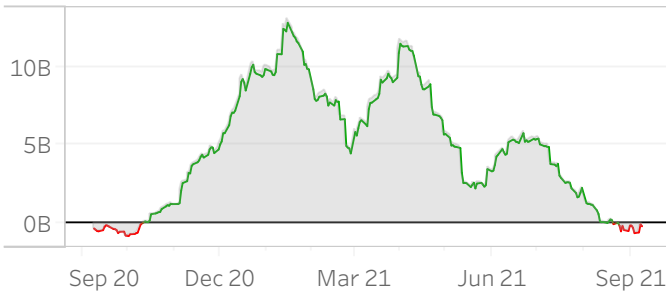
Emerging (EEM)



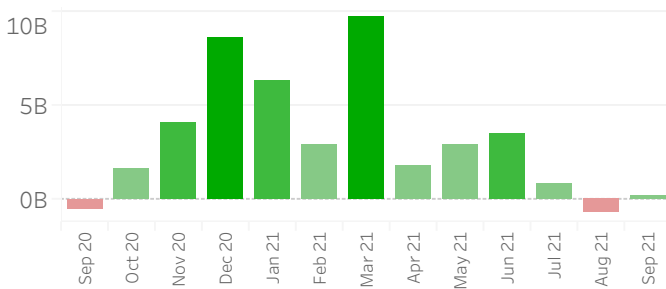
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
EPHE	iShares MSCI Philippines ETF	0.72%
ERUS	iShares MSCI Russia ETF	0.43%
RSX	VanEck Russia ETF	0.23%
KSA	iShares MSCI Saudi Arabia ETF	-0.17%
QAT	iShares MSCI Qatar ETF	-0.29%
EZA	iShares MSCI South Africa ETF	-0.37%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	-0.37%
EPU	iShares MSCI Peru ETF	-0.37%
EDIV	SPDR S&P Emerging Markets Dividend ETF	-0.42%
EWM	iShares MSCI Malaysia ETF	-0.49%

Emerging Most Overbought

Ticker	Fund	Value
INDA	iShares MSCI India ETF	71.36
INDY	iShares India 50 ETF	68.54
PIN	Invesco India ETF	68.02
EPHE	iShares MSCI Philippines ETF	66.43
KSA	iShares MSCI Saudi Arabia ETF	66.23
EPI	WisdomTree India Earnings Fund	65.61
GLIN	VanEck India Growth Leaders ETF	64.89
NFTY	First Trust India NIFTY 50 Equal Weight ETF	64.86
EELV	Invesco S&P Emerging Markets Low Volatility ETF	63.88
EWM	iShares MSCI Malaysia ETF	63.65

Emerging 1-Day Performance Laggards

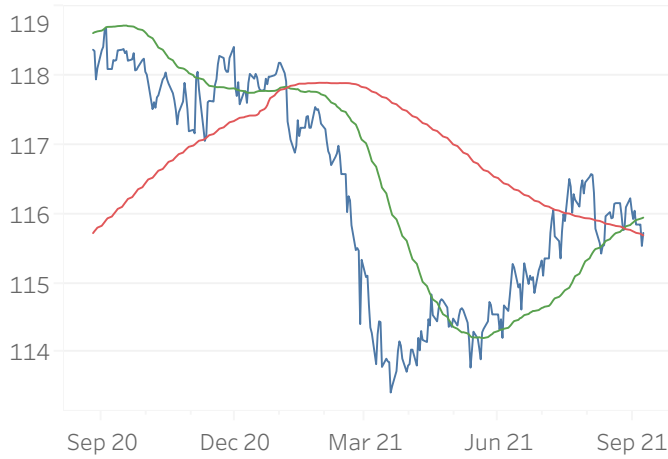
Ticker	Fund	Performance
EWZS	iShares MSCI Brazil Small-Cap ETF	-6.46%
FLBR	Franklin FTSE Brazil ETF	-5.74%
EWZ	iShares MSCI Brazil ETF	-5.71%
ILF	iShares Latin America 40 ETF	-4.34%
TUR	iShares MSCI Turkey ETF	-3.38%
ECH	iShares MSCI Chile ETF	-3.34%
PGJ	Invesco Golden Dragon China ETF	-3.33%
BICK	First Trust BICK Index Fund	-2.74%
FNI	First Trust Chindia ETF	-2.40%
ADRE	Invesco BDRS Emerging Markets 50 ADR Index Fund	-2.38%

Emerging Most Oversold

Ticker	Fund	Value
FLBR	Franklin FTSE Brazil ETF	32.86
ILF	iShares Latin America 40 ETF	33.10
EWZ	iShares MSCI Brazil ETF	33.43
EWZS	iShares MSCI Brazil Small-Cap ETF	34.14
ECH	iShares MSCI Chile ETF	42.61
AFK	VanEck Africa Index ETF	43.23
BICK	First Trust BICK Index Fund	44.65
TUR	iShares MSCI Turkey ETF	45.05
PIE	Invesco DWA Emerging Markets Momentum ETF	46.95
FEMS	First Trust Emerging Markets Small Cap AlphaDEX F..	47.33

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

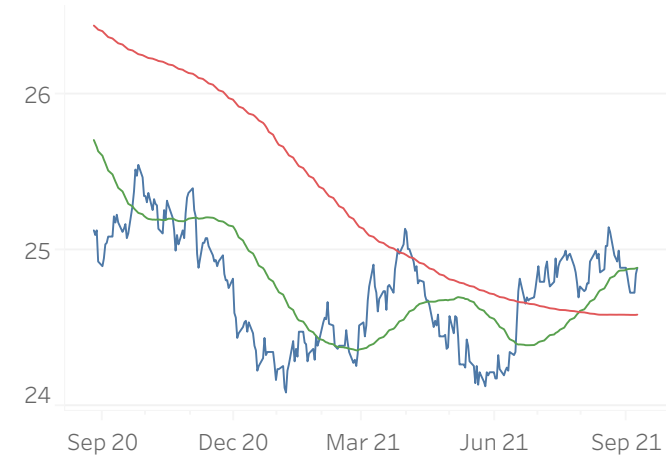
### Fixed Income (AGG)



### 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	0.16%	0.09%	-0.90%
SHY	1-3 Year Treasury Bonds	0.02%	0.03%	-0.03%
IEF	7-10 Year Treasury Bonds	0.27%	-0.08%	-2.07%
TLT	20+ Year Treasury Bonds	0.68%	0.23%	-5.23%
TIP	TIPS Bonds	0.41%	0.58%	4.11%
FLOT	Floating Rate Bonds	-0.01%	0.02%	0.41%
LQD	Investment Grade Corporate	0.32%	0.26%	-0.93%
HYG	High Yield Corporate	0.11%	0.89%	3.41%
BKLN	Senior Loan	0.09%	1.25%	1.83%
PFF	Preferred & Income Securities	0.15%	0.05%	5.35%
MUB	Municipal Bonds	0.26%	-0.27%	1.00%
MBB	MBS	0.07%	0.21%	-0.40%
EMB	Dollar Denominated EM Bonds	0.18%	1.30%	0.04%
LEMB	Local Currency EM Bond	-0.18%	1.12%	-3.96%

### Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	1.20%	2.39%	27.35%
DBE	Energy	1.03%	2.21%	45.02%
USO	WTI Crude Oil	1.14%	2.14%	47.20%
BNO	Brent Crude Oil	1.55%	3.49%	47.28%
UNG	Natural Gas	7.58%	18.65%	86.74%
UGA	Gasoline	0.11%	0.44%	49.90%
DBP	Precious Metals	-0.57%	1.12%	-7.80%
GLD	Gold	-0.25%	1.61%	-6.21%
SLV	Silver	-1.51%	-1.55%	-9.77%
PPLT	Platinum	-1.61%	0.05%	-9.06%
PALL	Palladium	-4.79%	-14.22%	-8.31%
DBB	Base Metals	0.38%	2.49%	21.44%
CPER	Copper	-0.92%	-2.38%	19.04%
LD	Lead	0.12%	0.29%	14.45%
JJN	Nickel	1.39%	2.49%	17.91%
JJU	Aluminum	0.83%	8.01%	38.43%
JJT	Tin	1.45%	-7.37%	77.82%
DBA	Agriculture	-0.63%	-0.26%	16.67%
CORN	Corn	0.16%	-6.73%	24.07%
SOYB	Soybeans	0.22%	-3.13%	14.43%
WEAT	Wheat	-1.14%	-3.09%	11.63%
CANE	Sugar	-0.10%	6.70%	41.48%
BAL	Cotton	0.13%	2.56%	15.37%
NIB	Cocoa	-0.63%	8.79%	1.96%
JO	Coffee	-2.06%	5.43%	39.67%

### Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.16%	-0.16%	2.68%
UDN	Short Dollar	-0.19%	0.05%	-3.63%
FXE	Euro	-0.20%	0.41%	-3.95%
FXB	British Pound Sterling	-0.02%	-0.78%	0.47%
FXF	Swiss Franc	-0.18%	-0.84%	-4.77%
FXJ	Japanese Yen	0.07%	-0.07%	-6.71%
FXC	Canadian Dollar	-0.25%	-1.05%	-0.01%
FXA	Australian Dollar	-0.19%	0.18%	-4.70%

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

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