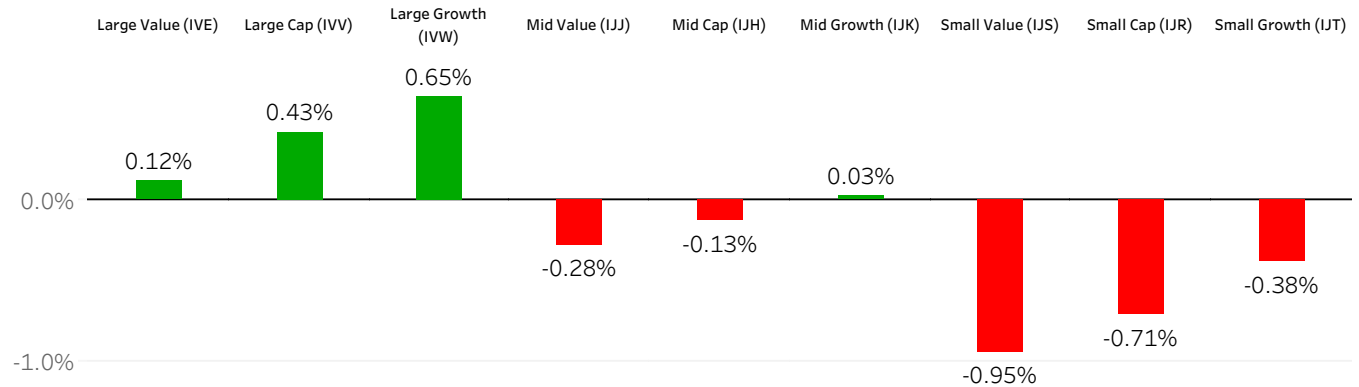


### Large Cap Blend (S&P 500) IVV



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



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



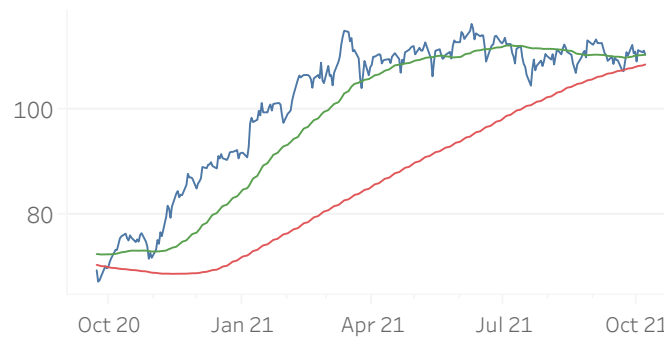
### Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
VEGN	US Vegan Climate ETF	2.27%
FPX	First Trust US Equity Opportunities ETF	1.12%
TMFC	Motley Fool 100 Index ETF	0.93%
UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy ETF	0.93%
QQH	HCM Defender 100 Index ETF	0.91%
SPLV	Invesco S&P 500 Low Volatility ETF	0.90%
RFDA	RiverFront Dynamic US Dividend Advantage ETF	0.81%
SCHG	Schwab U.S. Large-Cap Growth ETF	0.80%
HUSV	First Trust Horizon Managed Volatility Domestic ETF	0.75%
LGLV	SPDR SSGA US Large Cap Low Volatility Index ETF	0.74%

### Size & Style Most Overbought

Ticker	Fund	Value
RZV	Invesco S&P Smallcap 600 Pure Value ETF	57.89
SVAL	iShares US Small Cap Value Factor ETF	56.36
AVUV	Avantis U.S. Small Cap Value ETF	56.34
PEY	Invesco High Yield Equity Dividend Achievers ETF	56.03
SMDV	ProShares Russell 2000 Dividend Growers ETF	55.64
FYT	First Trust Small Cap Value AlphaDEX Fund	55.36
DWAS	Invesco DWA SmallCap Momentum ETF	55.30
SIXS	6 Meridian Small Cap Equity ETF	55.20
XSVM	Invesco S&P SmallCap Value with Momentum ETF	55.20
RPV	Invesco S&P 500 Pure Value ETF	55.12

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



### Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
CALF	Pacer US Small Cap Cash Cows 100 ETF	-1.76%
CSF	VictoryShares US Discovery Enhanced Volatility Wtd ETF	-1.50%
QVAL	Alpha Architect U.S. Quantitative Value ETF	-1.36%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	-1.35%
XSMO	Invesco S&P SmallCap Momentum ETF	-1.26%
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	-1.21%
CSD	Invesco S&P Spin-Off ETF	-1.20%
DWAS	Invesco DWA SmallCap Momentum ETF	-1.10%
AVUV	Avantis U.S. Small Cap Value ETF	-1.08%
PSC	Principal U.S. Small-Cap Multi-Factor ETF	-1.02%

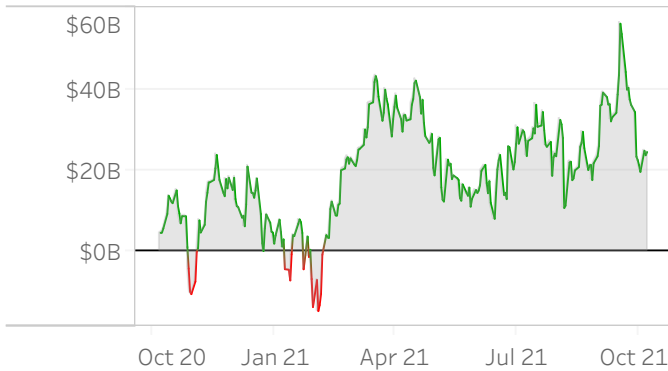
### Size & Style Most Oversold

Ticker	Fund	Value
JSMD	Janus Henderson Small/Mid Cap Growth Alpha ETF	33.81
ALTL	Pacer Lunt Large Cap Alternator ETF	34.04
DFNV	TrimTabs Donoghue Forlines Risk Managed Innovati..	34.96
SPGP	Invesco S&P 500 GARP ETF	35.35
FCTR	First Trust Lunt U.S. Factor Rotation ETF	35.90
PSET	Principal Quality ETF	35.93
BUZZ	VanEck Social Sentiment ETF	36.41
QGRO	American Century STOXX U.S. Quality Growth ETF	36.50
JSML	Janus Henderson Small Cap Growth Alpha ETF	37.28
FLQL	Franklin LibertyQ U.S. Equity ETF	37.32

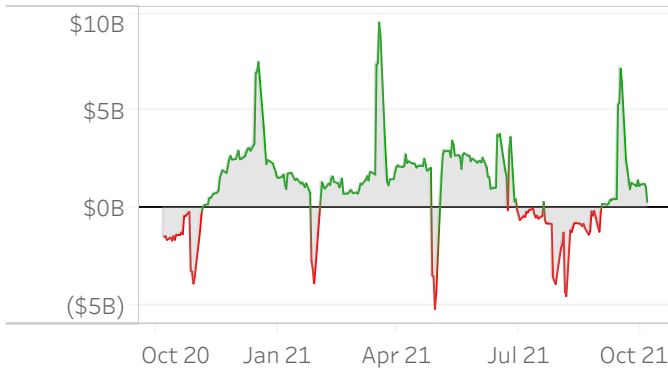
■ Closing Price    
 ■ 50 Day Moving Average    
 ■ 200 Day Moving Average

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

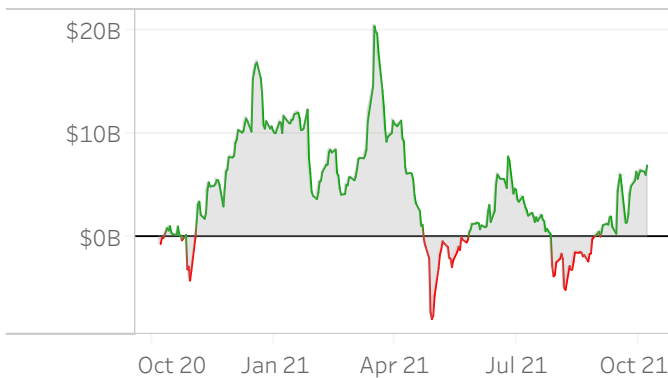
### Large-Cap 30-Day Rolling Flows



### 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
Small Cap, Beta, Beta	12	\$217B	\$0.72B	\$4.60B	\$4.64B	\$26.75B
Mid Cap, Beta, Beta: Value	6	\$40B	\$0.19B	\$0.16B	\$1.40B	\$4.24B
Small Cap, Beta, Beta: Value	7	\$57B	\$0.17B	(\$0.70B)	\$0.59B	\$9.38B
Large Cap, Beta Growth, Beta: Value	11	\$198B	\$0.16B	\$3.76B	\$11.82B	\$31.97B
Large Cap, Beta Growth, Beta: Growth	10	\$249B	\$0.15B	\$5.88B	\$8.70B	\$3.66B
Mid Cap, Beta, Beta: Growth	6	\$39B	(\$0.01B)	(\$0.02B)	(\$1.22B)	(\$2.28B)
Mid Cap, Beta, Beta	10	\$182B	(\$0.37B)	\$0.40B	\$2.35B	\$8.38B
Small Cap, Beta, Beta: Growth	7	\$38B	(\$0.38B)	\$0.35B	(\$0.18B)	\$1.64B
Large Cap, Beta Growth, Beta	24	\$1,236B	(\$0.43B)	\$29.31B	\$52.58B	\$89.85B

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

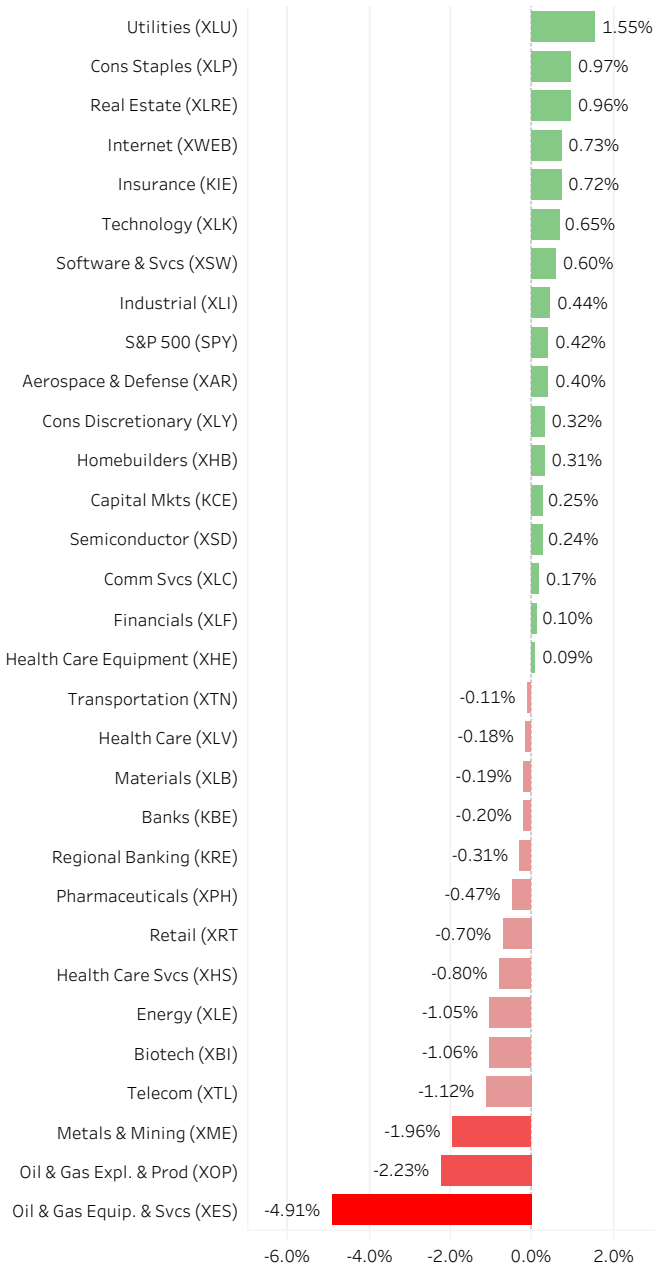
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	\$0.92B	\$2.01B	(\$0.45B)	\$9.70B	\$68.36B
VOO	Vanguard S&P 500 ETF	\$0.86B	\$13.29B	\$23.94B	\$39.69B	\$249.90B
VTI	Vanguard Total Stock Market ETF	\$0.55B	\$11.30B	\$21.44B	\$46.31B	\$265.56B
IVW	iShares S&P 500 Growth ETF	\$0.25B	\$0.50B	(\$0.03B)	(\$2.53B)	\$35.39B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.25B	\$0.43B	\$2.31B	\$9.72B	\$29.15B
IJS	iShares S&P Small-Cap 600 Value ETF	\$0.23B	(\$0.63B)	\$0.17B	\$1.20B	\$9.18B
ITOT	iShares Core S&P Total U.S. Stock Market ETF	\$0.21B	\$1.86B	\$2.70B	\$5.90B	\$42.03B
DVY	iShares Select Dividend ETF	\$0.21B	(\$0.16B)	\$0.24B	\$0.80B	\$18.41B
FTA	First Trust Large Cap Value AlphaDEX Fund	\$0.20B	\$0.20B	\$0.27B	\$0.38B	\$1.25B
SCHD	Schwab US Dividend Equity ETF	\$0.19B	\$2.21B	\$6.09B	\$10.48B	\$28.27B

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

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
PDP	Invesco DWA Momentum ETF	(\$0.58B)	\$0.00B	(\$0.05B)	(\$0.20B)	\$1.77B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.40B)	(\$1.12B)	(\$1.23B)	(\$0.71B)	\$20.06B
IJT	iShares S&P Small-Cap 600 Growth ETF	(\$0.29B)	(\$0.28B)	(\$0.35B)	(\$0.10B)	\$6.01B
SPYG	SPDR Portfolio S&P 500 Growth ETF	(\$0.24B)	\$0.61B	\$2.16B	\$1.59B	\$13.24B
IJR	iShares Core S&P Small Cap ETF	(\$0.23B)	(\$0.59B)	(\$0.07B)	\$3.75B	\$69.82B
VXF	Vanguard Extended Market ETF	(\$0.19B)	\$0.13B	\$1.01B	\$2.71B	\$17.17B
SPLV	Invesco S&P 500 Low Volatility ETF	(\$0.18B)	(\$0.39B)	(\$0.65B)	(\$2.35B)	\$7.48B
VBR	Vanguard Small Cap Value ETF	(\$0.12B)	\$0.59B	\$1.12B	\$4.10B	\$24.99B
FLQL	Franklin LibertyQ U.S. Equity ETF	(\$0.12B)	(\$0.29B)	(\$0.52B)	(\$0.60B)	\$0.92B
VIG	Vanguard Dividend Appreciation ETF	(\$0.09B)	\$1.54B	\$2.08B	\$4.00B	\$61.34B

\* 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)
XLF	Financial Select Sector SPDR Fund	-1.03%	63.49%	1.89%	9.03%	56.71
XLY	Consumer Discretionary Select Sector SPDR Fund	-2.81%	26.36%	-0.62%	3.73%	46.22
XLE	Energy Select Sector SPDR Fund	-3.08%	96.54%	10.07%	10.60%	66.42
SPY	SPDR S&P 500 ETF Trust	-4.04%	33.18%	-1.86%	4.79%	44.71
XLP	Consumer Staples Select Sector SPDR Fund	-4.32%	12.14%	-2.24%	1.13%	43.34
XLI	Industrial Select Sector SPDR Fund	-5.07%	33.81%	-2.24%	1.29%	46.85
XLK	Technology Select Sector SPDR Fund	-5.35%	36.34%	-2.59%	6.20%	43.41
XLC	Communication Services Select Sector SPDR Fund	-5.83%	37.95%	-2.40%	4.82%	43.63
XLU	Utilities Select Sector SPDR Fund	-6.38%	12.41%	-2.65%	1.24%	46.45
XLRE	Real Estate Select Sector SPDR Fund	-7.53%	32.61%	-3.36%	6.36%	39.76
XLV	Health Care Select Sector SPDR Fund	-7.99%	23.85%	-5.29%	1.98%	29.26
XLB	Materials Select Sector SPDR Fund	-9.13%	30.09%	-3.42%	-0.42%	43.08

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
NETL	NETLease Corporate Real Estate ETF	1.57%
XLU	Utilities Select Sector SPDR Fund	1.55%
VPU	Vanguard Utilities ETF	1.48%
IDU	iShares U.S. Utilities ETF	1.47%
FUTY	Fidelity MSCI Utilities Index ETF	1.41%
RYU	Invesco S&P 500 Equal Weight Utilities ETF	1.26%
SCHH	Schwab U.S. REIT ETF	1.15%
INDS	Pacer Benchmark Industrial Real Estate SCTR ETF	1.15%
PTF	Invesco DWA Technology Momentum ETF	1.14%
ICF	iShares Cohen & Steers REIT ETF	1.13%

### Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	71.77
RYE	Invesco S&P 500 Equal Weight Energy ETF	69.65
PXI	Invesco DWA Energy Momentum ETF	69.11
PXE	Invesco Dynamic Energy Exploration & Production ETF	68.95
FTXN	First Trust Nasdaq Oil & Gas ETF	68.60
FCG	First Trust Natural Gas ETF	68.35
FXN	First Trust Energy AlphaDEX Fund	68.04
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	67.01
IYE	iShares U.S. Energy ETF	66.55
XLE	Energy Select Sector SPDR Fund	66.42

### Sector & Industry 1 Day Performance Laggards

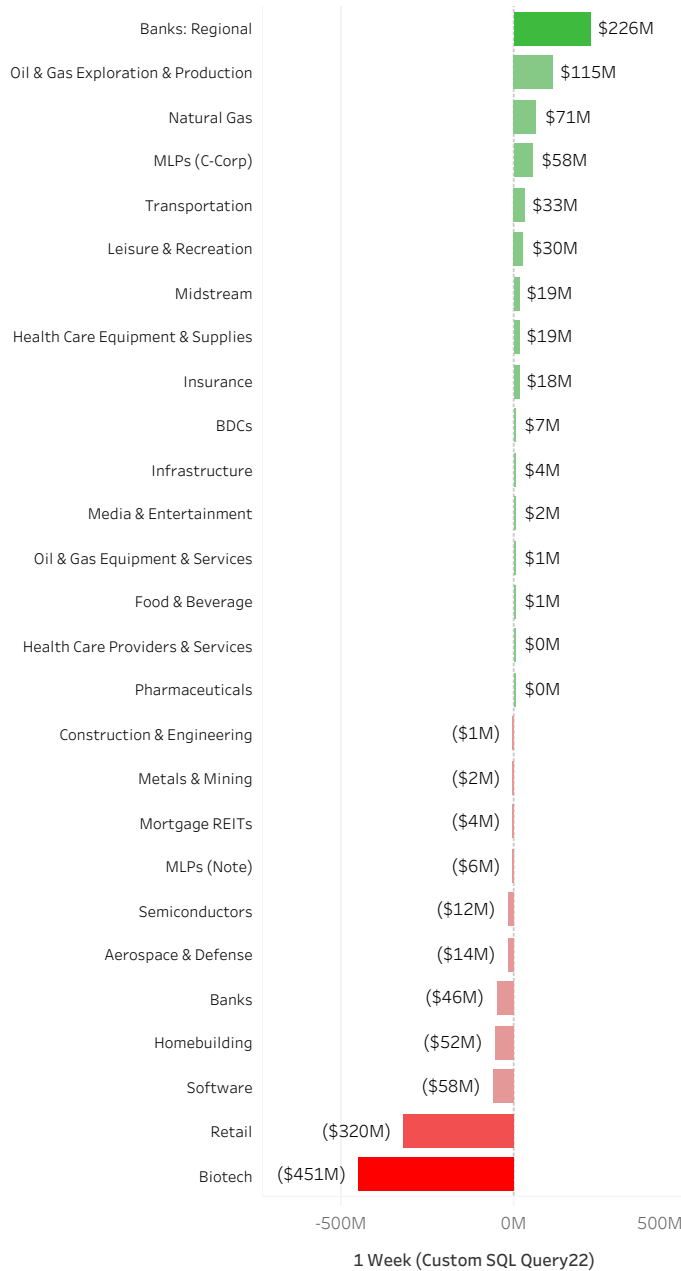
Ticker	Fund	1 Day Performance
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-4.91%
PSCE	Invesco S&P SmallCap Energy ETF	-4.68%
IEZ	iShares U.S. Oil Equipment & Services ETF	-3.59%
FCG	First Trust Natural Gas ETF	-2.98%
PXI	Invesco DWA Energy Momentum ETF	-2.71%
AMZA	InfraCap MLP ETF	-2.46%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	-2.23%
FTXN	First Trust Nasdaq Oil & Gas ETF	-2.14%
MLPA	Global X MLP ETF	-2.13%
AMLPA	Alerian MLP ETF	-2.08%

### Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IBB	iShares Biotechnology ETF	24.44
FXH	First Trust Health Care AlphaDEX Fund	26.66
XHS	SPDR S&P Health Care Services ETF	27.93
VHT	Vanguard Health Care ETF	28.34
RYH	Invesco S&P 500 Equal Weight Health Care ETF	28.38
JHMH	John Hancock Multifactor Healthcare ETF	28.77
XLV	Health Care Select Sector SPDR Fund	29.26
FHLC	Fidelity MSCI Health Care Index ETF	29.28
IYH	iShares U.S. Healthcare ETF	29.50
IHF	iShares U.S. Healthcare Providers ETF	31.44

\* 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	\$21B	(\$94M)	\$1,651M	\$1,993M	\$2,436M
Consumer Discretionary	13	\$33B	(\$265M)	(\$847M)	(\$527M)	\$2,798M
Consumer Staples	12	\$20B	(\$269M)	\$771M	\$1,041M	(\$3,568M)
Energy	34	\$54B	\$587M	\$460M	\$828M	\$12,120M
Financials	28	\$80B	\$282M	\$612M	\$2,529M	\$22,196M
Health Care	25	\$85B	(\$1,813M)	\$2,123M	\$3,703M	\$1,703M
Industrial	14	\$35B	\$110M	(\$2,293M)	(\$3,511M)	\$3,408M
Materials	10	\$15B	(\$387M)	(\$2,266M)	\$682M	\$4,911M
Multi-Sector	16	\$24B	(\$59M)	\$430M	\$972M	\$2,983M
Real Estate	21	\$73B	(\$324M)	\$3,485M	\$6,349M	\$12,014M
Technology	24	\$137B	\$250M	\$2,850M	\$3,097M	\$3,092M
Utilities	10	\$19B	(\$348M)	\$368M	\$321M	\$49M

## U.S. Sector & Industry Flow Leaders

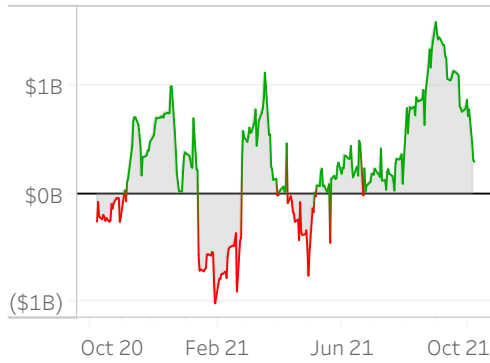
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLK	Technology Select Sector SPDR Fund	\$481M	\$580M	\$430M	\$113M	\$43,574M
KRE	SPDR S&P Regional Banking ETF	\$198M	\$27M	\$461M	\$2,656M	\$5,210M
XLI	Industrial Select Sector SPDR Fund	\$132M	(\$1,186M)	(\$2,637M)	\$1,149M	\$17,676M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$118M	(\$473M)	(\$819M)	\$338M	\$19,878M
XLE	Energy Select Sector SPDR Fund	\$111M	\$891M	\$1,444M	\$8,698M	\$26,603M
VDE	Vanguard Energy ETF	\$111M	\$28M	\$113M	\$761M	\$5,578M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$110M	\$342M	(\$365M)	\$211M	\$4,220M
FCG	First Trust Natural Gas ETF	\$71M	\$105M	\$171M	\$210M	\$451M
IBB	iShares Biotechnology ETF	\$70M	\$45M	\$94M	(\$316M)	\$10,259M
VFH	Vanguard Financials ETF	\$67M	(\$91M)	\$440M	\$1,773M	\$11,198M

## U.S. Sector & Industry Flow Laggards

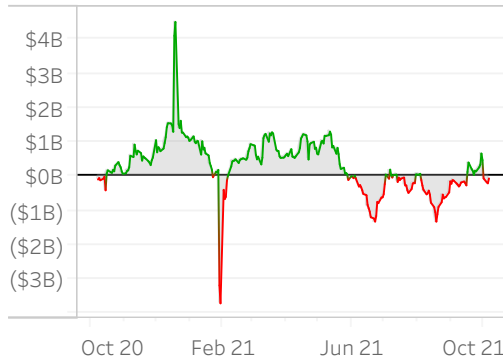
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	(\$1,175M)	\$892M	\$2,740M	\$1,111M	\$29,313M
XBI	SPDR S&P BIOTECH ETF	(\$513M)	(\$45M)	\$204M	\$455M	\$6,586M
XLU	Utilities Select Sector SPDR Fund	(\$380M)	\$104M	(\$47M)	(\$350M)	\$11,868M
XRT	SPDR S&P Retail ETF	(\$322M)	(\$323M)	\$125M	\$46M	\$776M
XLP	Consumer Staples Select Sector SPDR Fund	(\$262M)	\$548M	\$866M	(\$2,980M)	\$11,575M
IYR	iShares U.S. Real Estate ETF	(\$216M)	\$1,261M	\$652M	\$1,596M	\$7,144M
IYM	iShares U.S. Basic Materials ETF	(\$202M)	(\$398M)	\$76M	(\$21M)	\$767M
VNQ	Vanguard Real Estate ETF	(\$184M)	\$304M	\$2,211M	\$5,732M	\$42,464M
PTH	Invesco DWA Healthcare Momentum ETF	(\$145M)	(\$9M)	(\$82M)	(\$114M)	\$494M
VGT	Vanguard Information Technology ETF	(\$141M)	\$365M	\$1,540M	\$1,075M	\$48,350M

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

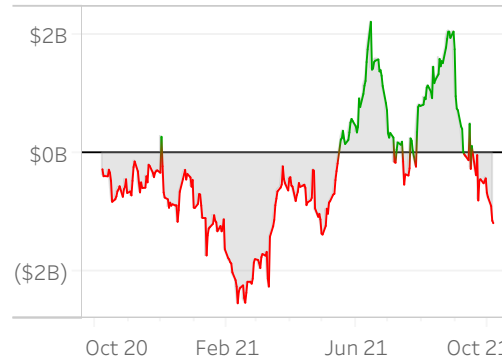
Communication Services



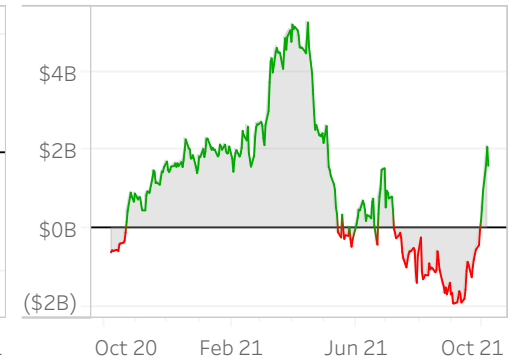
Consumer Discretionary



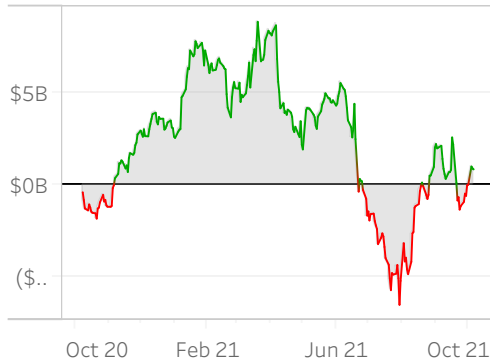
Consumer Staples



Energy



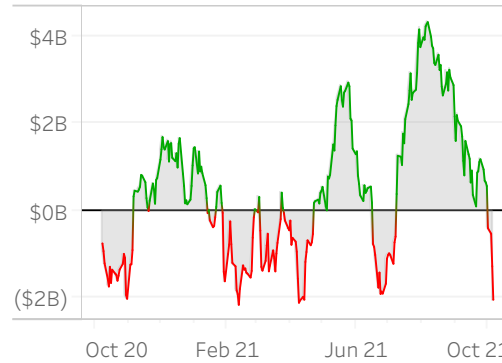
Financials



Industrial



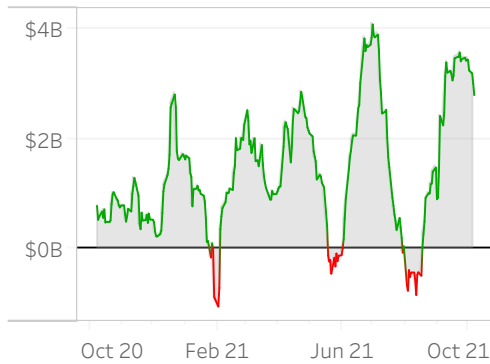
Health Care



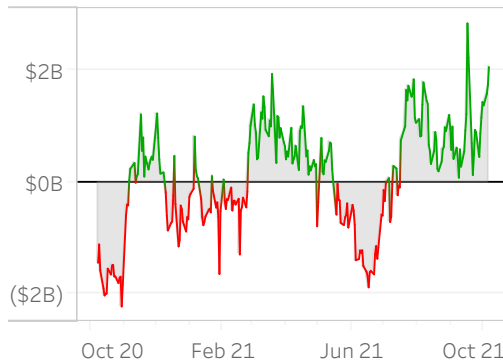
Materials



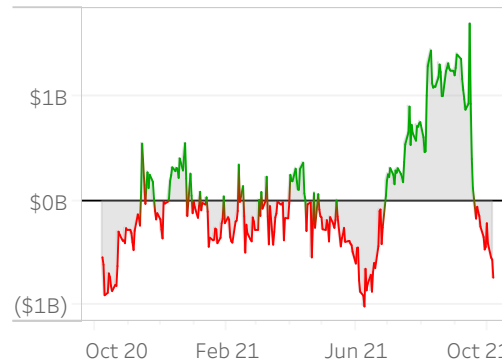
Real Estate



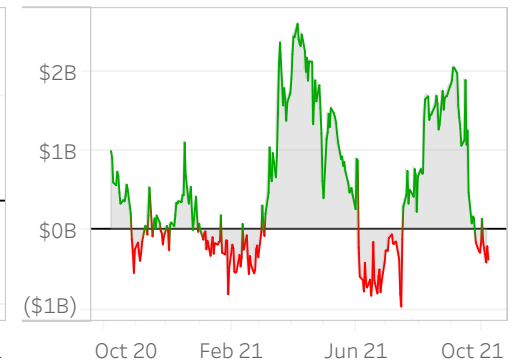
Technology



Utilities

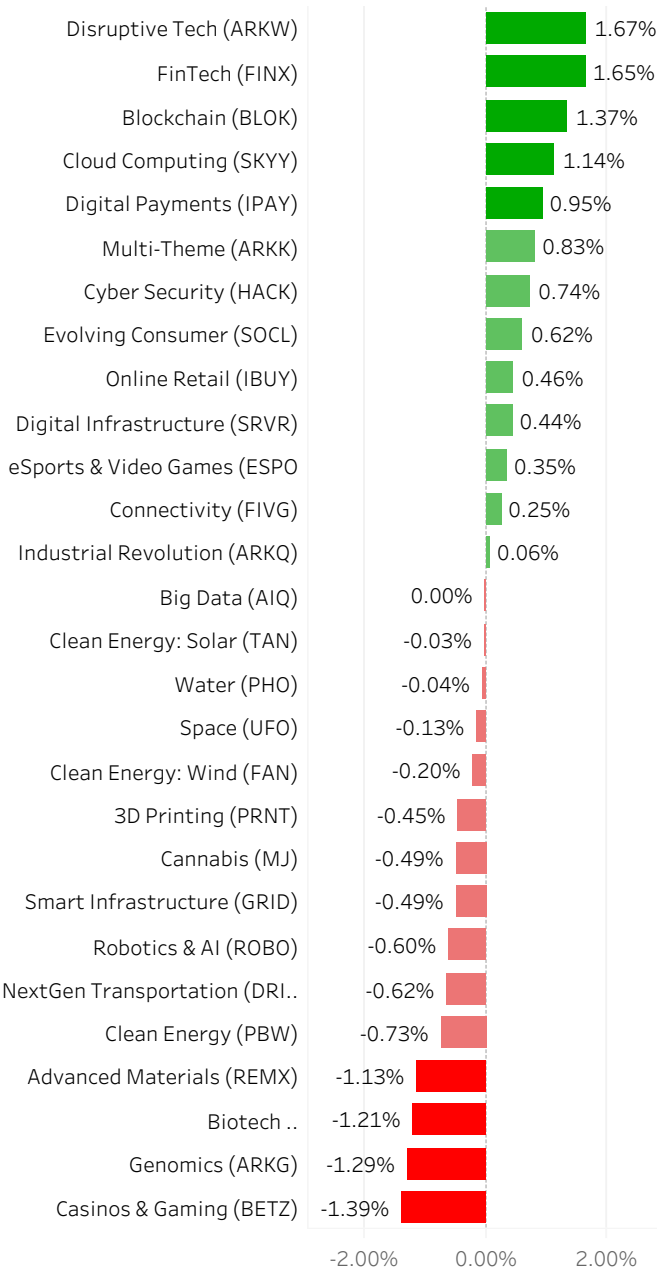


Multi-Sector

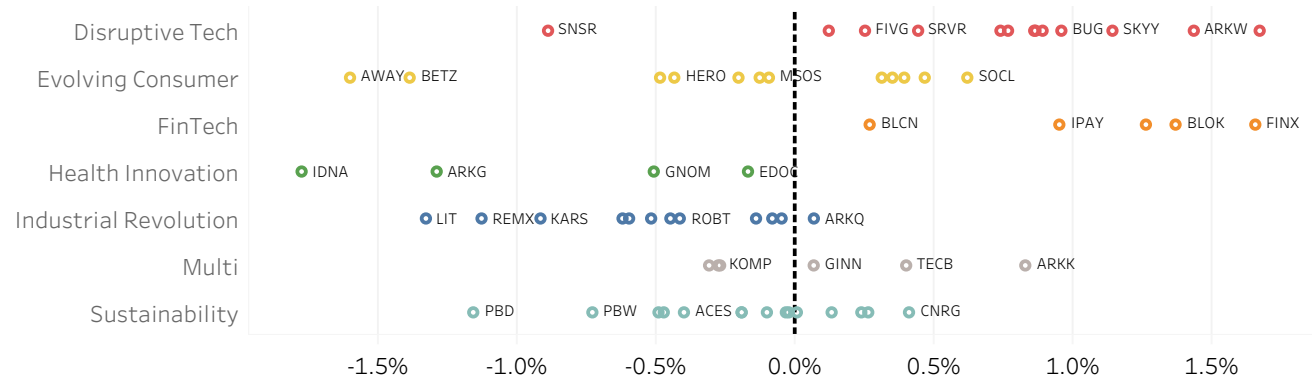


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## Global Thematic Segment 1-Day Performance



## Global Thematic 1-Day Performance Landscape



## Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
DAPP	VanEck Digital Transformation ETF	2.44%
BITQ	Bitwise Crypto Industry Innovators ETF	1.88%
ARKW	ARK Next Generation Internet ETF	1.67%
FINX	Global X FinTech ETF	1.65%
WCLD	WisdomTree Cloud Computing Fund	1.43%
BLOK	Amplify Transformational Data Sharing ETF	1.37%
ARKF	ARK Fintech Innovation ETF	1.26%
SKYY	First Trust Cloud Computing ETF	1.14%
BUG	Global X Cybersecurity ETF	0.96%
IPAY	ETFMG Prime Mobile Payments ETF	0.95%

## Thematic Most Overbought

Ticker	Fund	Value
AWAY	ETFMG Travel Tech ETF	54.29
BLOK	Amplify Transformational Data Sharing ETF	53.96
BITQ	Bitwise Crypto Industry Innovators ETF	53.29
DAPP	VanEck Digital Transformation ETF	51.91
UFO	Procure Space ETF	48.11
EVX	VanEck Environmental Services ETF	47.43
KGRN	KraneShares MSCI China Clean Technology Index ETF	45.99
LEGR	First Trust Indxx Innovative Transaction & Process ETF	45.90
SKYY	First Trust Cloud Computing ETF	45.89
CIBR	First Trust NASDAQ Cybersecurity ETF	45.54

## Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
GERM	ETFMG Treatments Testing and Advancements ETF	-2.22%
POTX	Global X Cannabis ETF	-1.93%
IDNA	iShares Genomics Immunology and Healthcare ETF Geno..	-1.78%
AWAY	ETFMG Travel Tech ETF	-1.60%
BETZ	Roundhill Sports Betting & iGaming ETF	-1.39%
LIT	Global X Lithium & Battery Tech ETF	-1.33%
ARKG	ARK Genomic Revolution ETF	-1.29%
GENY	Principal Millennials Index ETF	-1.24%
THCX	Cannabis ETF	-1.22%
SBIO	ALPS Medical Breakthroughs ETF	-1.21%

## Thematic Most Oversold

Ticker	Fund	Value
AGNG	Global X Aging Population ETF	25.58
PBD	Invesco Global Clean Energy ETF	27.50
GERM	ETFMG Treatments Testing and Advancements ETF	27.65
HTEC	ROBO Global Healthcare Technology and Innovation ETF	28.03
IDNA	iShares Genomics Immunology and Healthcare ETF Geno..	28.60
THCX	Cannabis ETF	28.77
ARKG	ARK Genomic Revolution ETF	28.89
VPN	Global X Data Center REITs & Digital Infrastructure ETF	29.03
PIO	Invesco Global Water ETF	29.40
INVE...	Knowledge Leaders Developed World ETF	29.61

\* 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
ARKK	ARK Innovation ETF	\$439M
KWEB	KraneShares CSI China Internet ETF	\$25M
FIW	First Trust Water ETF	\$17M
CLOU	Global X Cloud Computing ETF	\$15M
UBOT	Direxion Daily Robotics; Artificial Intelligence & Automation Inde..	\$9M
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	\$8M
NXTG	First Trust Indxx NextG ETF	\$8M
PHO	Invesco Water Resources ETF	\$5M
FIVG	Defiance Next Gen Connectivity ETF	\$5M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$5M

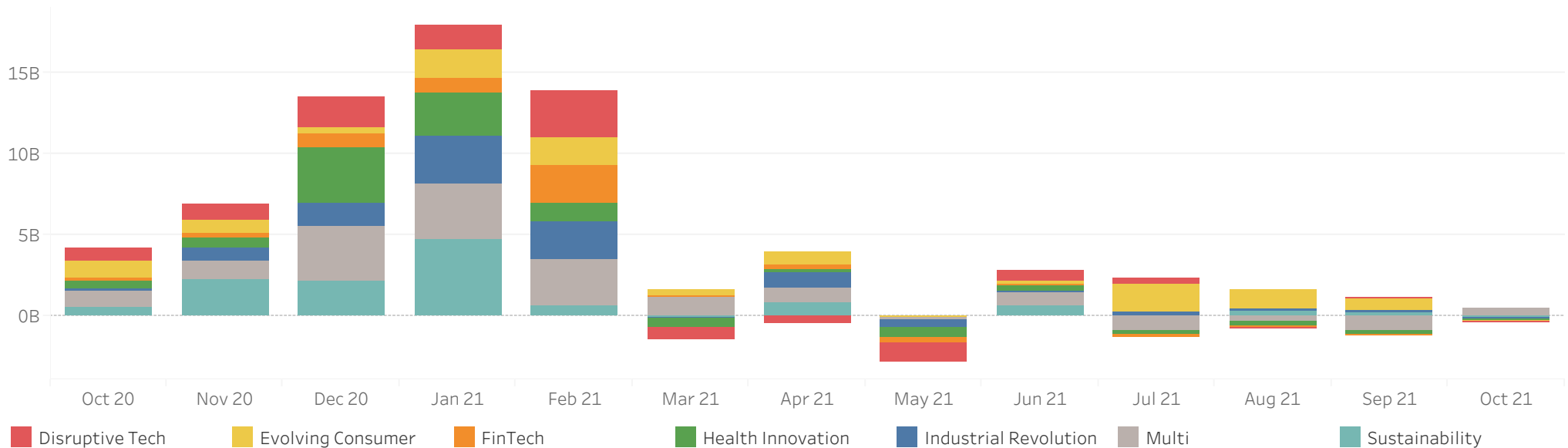
### Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKG	ARK Genomic Revolution ETF	(\$96M)
ARKF	ARK Fintech Innovation ETF	(\$89M)
ARKW	ARK Next Generation Internet ETF	(\$83M)
PBW	Invesco WilderHill Clean Energy ETF	(\$51M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$39M)
TAN	Invesco Solar ETF	(\$38M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$27M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$22M)
WCLD	WisdomTree Cloud Computing Fund	(\$17M)
PBD	Invesco Global Clean Energy ETF	(\$15M)

### Thematic Landscape Assets & Flows

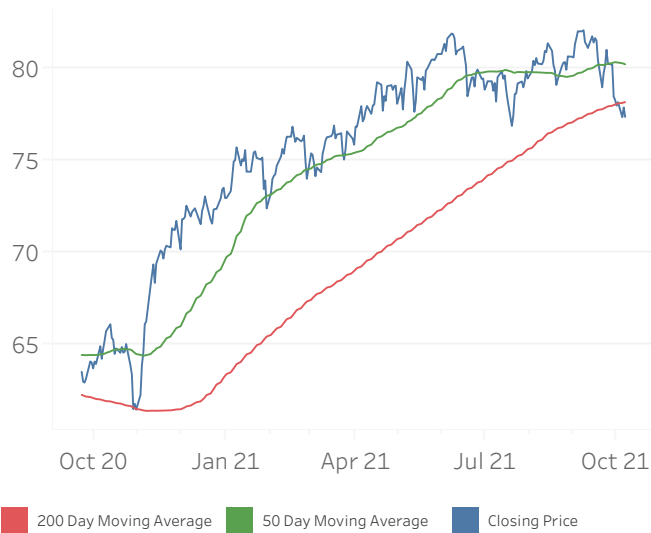
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	29	\$28B	(\$54M)	\$316M	(\$619M)	\$6,670M
Evolving Consumer	40	\$16B	(\$81M)	\$3,469M	\$4,359M	\$10,599M
FinTech	14	\$8B	(\$77M)	(\$363M)	(\$380M)	\$4,519M
Health Innovation	14	\$9B	(\$72M)	(\$883M)	(\$1,109M)	\$6,829M
Industrial Revolution	22	\$16B	(\$86M)	\$472M	\$398M	\$8,320M
Multi	28	\$28B	\$465M	(\$1,011M)	(\$1,514M)	\$12,890M
Sustainability	34	\$21B	(\$41M)	\$391M	\$1,549M	\$12,429M
<b>Grand Total</b>	<b>181</b>	<b>\$126B</b>	<b>\$54M</b>	<b>\$2,390M</b>	<b>\$2,684M</b>	<b>\$62,257M</b>

### Thematic Monthly Flows

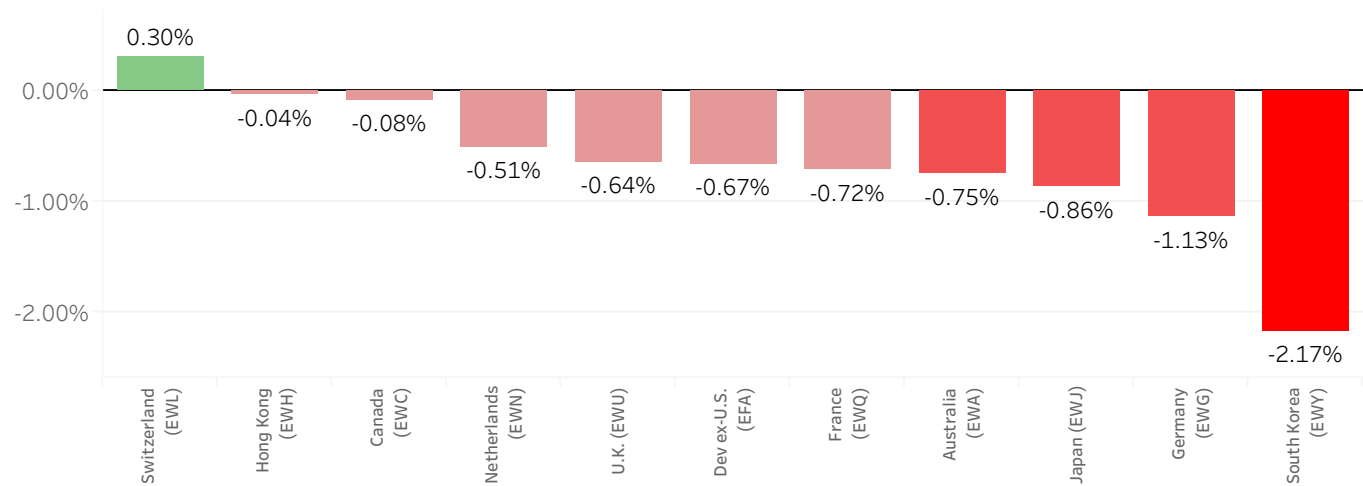


\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day

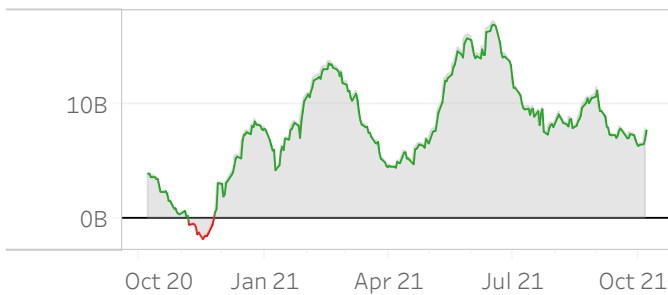
Developed ex-U.S. (EFA)



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



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



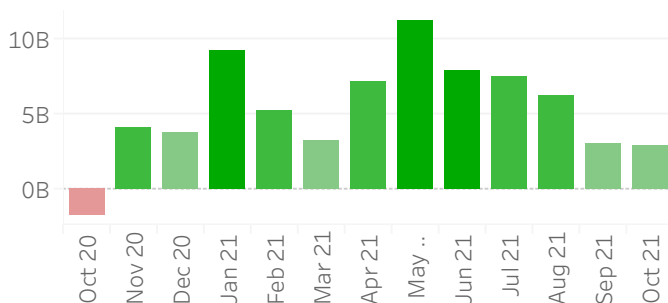
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	Performance
EWS	iShares MSCI Singapore ETF	1.09%
EWL	iShares MSCI Switzerland ETF	0.30%
LVHI	Legg Mason International Low Volatility High Dividend ETF	0.29%
ISRA	VanEck Israel ETF	0.09%
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	0.09%
TOK	iShares MSCI Kokusai ETF	0.07%
IHDG	WisdomTree International Hedged Quality Dividend Growth ..	0.02%
QLVD	FlexShares Developed Markets ex-US Quality Low Volatility I..	-0.03%
DFJ	WisdomTree Japan SmallCap Dividend Fund	-0.03%
EWH	iShares MSCI Hong Kong ETF	-0.04%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWO	iShares MSCI Austria ETF	51.37
EWS	iShares MSCI Singapore ETF	50.51
EWC	iShares MSCI Canada ETF	49.27
BBCA	JPMorgan BetaBuilders Canada ETF	48.17
GREK	Global X MSCI Greece ETF	48.06
EWU	iShares MSCI United Kingdom ETF	47.03
FIDI	Fidelity International High Dividend ETF	46.24
ENZL	iShares MSCI New Zealand ETF	45.93
EWP	iShares MSCI Spain ETF	45.66
EWA	iShares MSCI Australia ETF	45.13

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	Performance
FLKR	Franklin FTSE South Korea ETF	-2.31%
EWY	iShares MSCI South Korea ETF	-2.17%
FGM	First Trust Germany AlphaDEX Fund	-1.91%
IMOM	Alpha Architect International Quantitative Momentum ETF	-1.77%
EWD	iShares MSCI Sweden ETF	-1.42%
EWUS	iShares MSCI United Kingdom Small Cap ETF	-1.33%
FDT	First Trust Developed Markets ex-US AlphaDEX Fund	-1.28%
PTEU	Pacer Trendpilot European Index ETF	-1.27%
PIZ	Invesco DWA Developed Markets Momentum ETF	-1.23%
IVAL	Alpha Architect International Quantitative Value ETF	-1.18%

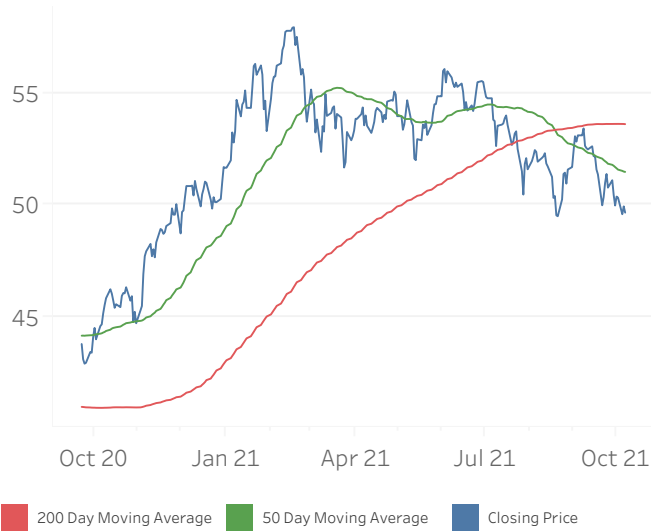
Developed ex-U.S. Most Oversold

Ticker	Fund	Value
RFDI	First Trust Riverfront Dynamic Developed Internatio..	23.87
IQDG	WisdomTree International Quality Dividend Growth ..	25.77
EFAV	iShares MSCI EAFE Min Vol Factor ETF	25.85
EFAD	ProShares MSCI EAFE Dividend Growers ETF	26.04
EUDG	WisdomTree Europe Quality Dividend Growth Fund	26.25
FGM	First Trust Germany AlphaDEX Fund	27.06
PIZ	Invesco DWA Developed Markets Momentum ETF	27.21
IHDG	WisdomTree International Hedged Quality Dividend ..	27.26
RBIN	Nationwide Risk-Based International Equity ETF	28.20
EWG	iShares MSCI Germany ETF	28.31

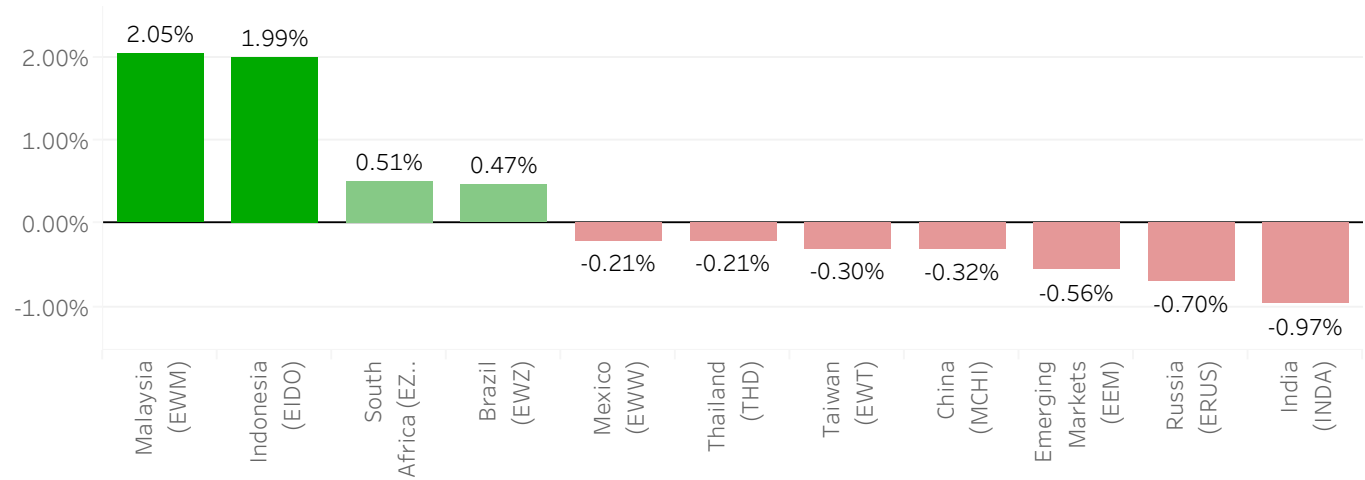
\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



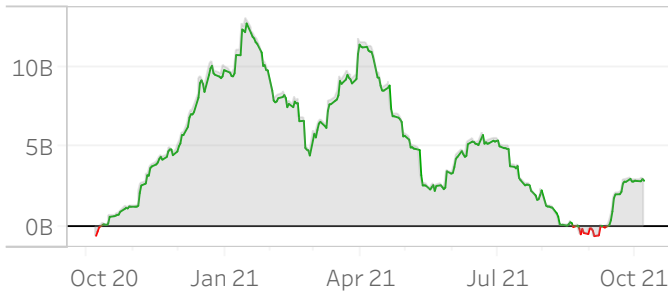
Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



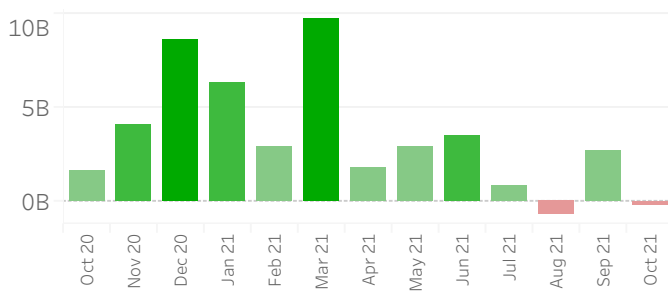
Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWM	iShares MSCI Malaysia ETF	2.05%
EIDO	iShares MSCI Indonesia ETF	1.99%
EPHE	iShares MSCI Philippines ETF	1.71%
EPOL	iShares MSCI Poland ETF	0.93%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	0.65%
PGJ	Invesco Golden Dragon China ETF	0.63%
DEM	WisdomTree Emerging Markets High Dividend Fund	0.55%
QAT	iShares MSCI Qatar ETF	0.54%
DVYE	iShares Emerging Markets Dividend ETF	0.51%
EZA	iShares MSCI South Africa ETF	0.51%

Emerging Most Overbought

Ticker	Fund	Value
QAT	iShares MSCI Qatar ETF	82.65
EIDO	iShares MSCI Indonesia ETF	74.97
ERUS	iShares MSCI Russia ETF	69.53
KSA	iShares MSCI Saudi Arabia ETF	66.47
RSX	VanEck Russia ETF	64.90
SMIN	iShares MSCI India Small Cap ETF	62.62
EPHE	iShares MSCI Philippines ETF	60.84
EPI	WisdomTree India Earnings Fund	59.20
EWM	iShares MSCI Malaysia ETF	57.56
EPOL	iShares MSCI Poland ETF	56.33

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
ECH	iShares MSCI Chile ETF	-2.28%
PIE	Invesco DWA Emerging Markets Momentum ETF	-1.26%
BICK	First Trust BICK Index Fund	-1.07%
EMGF	iShares MSCI Emerging Markets Multifactor ETF	-1.05%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	-1.04%
DGRE	WisdomTree Emerging Markets Quality Dividend Growt..	-0.97%
INDA	iShares MSCI India ETF	-0.97%
EEMS	iShares MSCI Emerging Markets Small Cap ETF	-0.96%
PIN	Invesco India ETF	-0.94%
INDY	iShares India 50 ETF	-0.92%

Emerging Most Oversold

Ticker	Fund	Value
ECH	iShares MSCI Chile ETF	28.04
BICK	First Trust BICK Index Fund	31.92
TUR	iShares MSCI Turkey ETF	32.61
ADRE	Invesco BLDRS Emerging Markets 50 ADR Index Fund	33.96
DGRE	WisdomTree Emerging Markets Quality Dividend Gr..	34.42
FEMS	First Trust Emerging Markets Small Cap AlphaDEX F..	34.42
GEM	Goldman Sachs ActiveBeta Emerging Markets Equit..	34.85
EWT	iShares MSCI Taiwan ETF	34.86
XSOE	WisdomTree Emerging Markets ex-State-Owned Ent..	35.24
FRDM	Freedom 100 Emerging Markets ETF	35.44

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

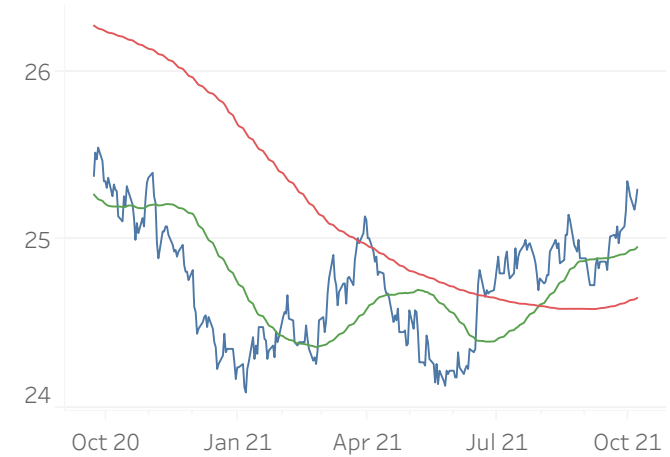
### Fixed Income (AGG)



### 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	0.04%	-0.84%	-1.63%
SHY	1-3 Year Treasury Bonds	-0.01%	-0.12%	-0.13%
IEF	7-10 Year Treasury Bonds	0.03%	-1.52%	-3.44%
TLT	20+ Year Treasury Bonds	0.56%	-2.43%	-7.38%
TIP	TIPS Bonds	-0.05%	-0.25%	3.69%
FLOT	Floating Rate Bonds	-0.03%	0.06%	0.46%
LQD	Investment Grade Corporate	0.03%	-1.28%	-2.04%
HYG	High Yield Corporate	-0.06%	-0.81%	2.72%
BKLN	Senior Loan	0.00%	-0.11%	1.67%
PFF	Preferred & Income Securities	0.31%	-2.01%	3.52%
MUB	Municipal Bonds	-0.04%	-0.66%	0.30%
MBB	MBS	-0.03%	-0.37%	-0.81%
EMB	Dollar Denominated EM Bonds	-0.21%	-3.39%	-3.26%
LEMB	Local Currency EM Bond	-0.09%	-3.38%	-6.63%

### Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-2.34%	5.45%	35.11%
DBE	Energy	-2.88%	11.37%	61.81%
USO	WTI Crude Oil	-2.64%	11.30%	64.07%
BNO	Brent Crude Oil	-2.52%	12.45%	65.45%
UNG	Natural Gas	-9.32%	20.28%	114.67%
UGA	Gasoline	-2.32%	9.55%	66.10%
DBP	Precious Metals	0.23%	-4.72%	-10.03%
GLD	Gold	0.27%	-3.53%	-7.47%
SLV	Silver	0.19%	-8.39%	-14.69%
PPLT	Platinum	2.87%	-3.22%	-8.20%
PALL	Palladium	-0.49%	-21.97%	-22.97%
DBB	Base Metals	-0.71%	1.01%	21.55%
CPER	Copper	-0.31%	-3.63%	17.34%
LD	Lead	-1.14%	-6.94%	7.64%
JJN	Nickel	-0.10%	-9.41%	7.64%
JJU	Aluminum	-0.75%	6.42%	43.73%
JJT	Tin	0.60%	7.56%	97.33%
DBA	Agriculture	-0.16%	0.73%	19.02%
CORN	Corn	-0.05%	3.15%	30.30%
SOYB	Soybeans	-0.51%	-2.59%	12.47%
WEAT	Wheat	0.00%	2.55%	17.12%
CANE	Sugar	-0.21%	-1.87%	40.00%
BAL	Cotton	-0.10%	18.15%	36.08%
NIB	Cocoa	-1.74%	2.91%	3.11%
JO	Coffee	1.53%	0.47%	43.73%

### Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.28%	2.30%	4.37%
UDN	Short Dollar	-0.29%	-2.37%	-5.24%
FXE	Euro	-0.33%	-2.81%	-6.10%
FXB	British Pound Sterling	-0.26%	-2.06%	-0.96%
FXF	Swiss Franc	0.08%	-1.50%	-5.40%
FXJ	Japanese Yen	0.08%	-1.65%	-7.78%
FXC	Canadian Dollar	-0.13%	-0.56%	0.72%
FXA	Australian Dollar	-0.19%	-2.38%	-5.95%

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

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Contact us at:

team@etfaction.com

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