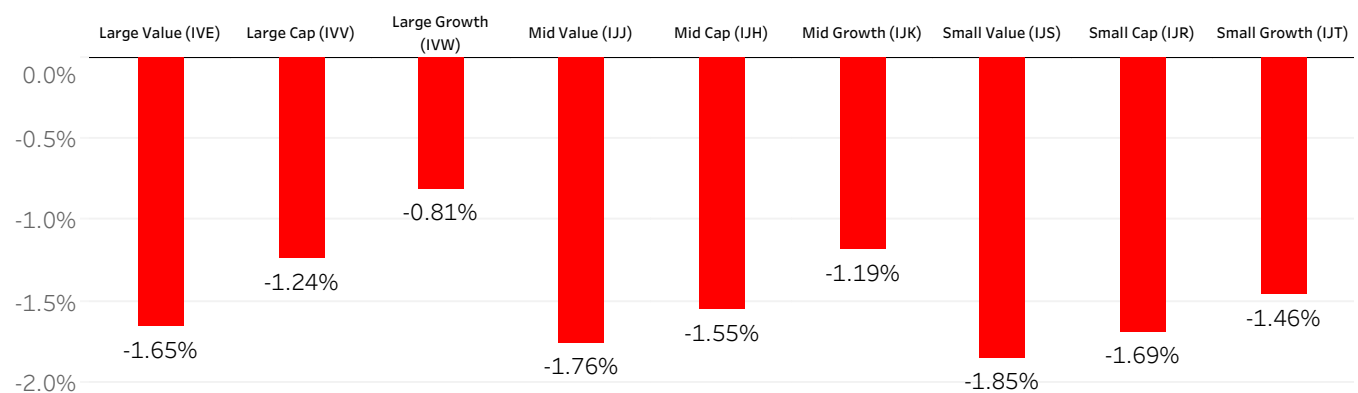


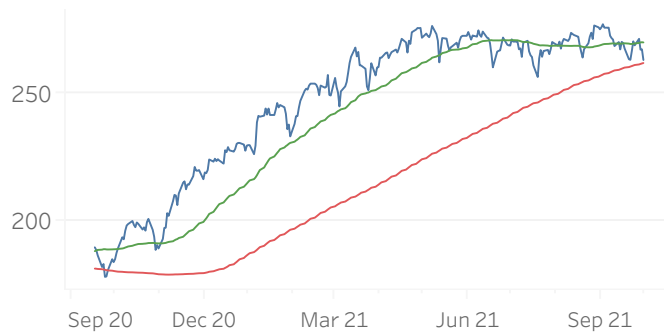
### Large Cap Blend (S&P 500) IVV



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



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



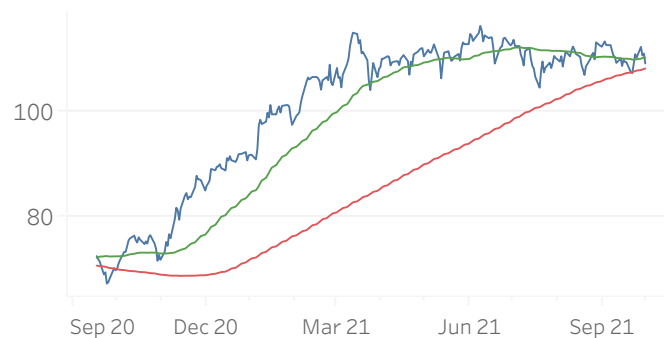
### Size & Style 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
IPO	Renaissance IPO ETF	0.75%
BUZZ	VanEck Social Sentiment ETF	0.37%
CSML	IQ Chaikin U.S. Small Cap ETF	0.26%
AIEQ	AI Powered Equity ETF	0.19%
QQQN	VictoryShares Nasdaq Next 50 ETF	0.09%
MMLG	First Trust Multi-Manager Large Growth ETF	0.01%
QQXT	First Trust Nasdaq-100 Ex-Technology Sector Index Fund	-0.01%
FPX	First Trust US Equity Opportunities ETF	-0.07%
QQQJ	Invesco NASDAQ Next Gen 100 ETF	-0.15%
DFNV	TrimTabs Donoghue Forlines Risk Managed Innovation E..	-0.17%

### Size & Style Most Overbought

Ticker	Fund	Value
AVUV	Avantis U.S. Small Cap Value ETF	52.91
RZV	Invesco S&P Smallcap 600 Pure Value ETF	52.59
CSML	IQ Chaikin U.S. Small Cap ETF	52.57
DWAS	Invesco DWA SmallCap Momentum ETF	52.33
CSF	VictoryShares US Discovery Enhanced Volatility Wtd ETF	52.08
XSVM	Invesco S&P SmallCap Value with Momentum ETF	51.30
SVAL	iShares US Small Cap Value Factor ETF	51.16
RWJ	Invesco S&P SmallCap 600 Revenue ETF	51.12
RYJ	Invesco Raymond James SB-1 Equity ETF	50.07
FDM	First Trust Dow Jones Select MicroCap Index Fund	50.06

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



### Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
CALF	Pacer US Small Cap Cash Cows 100 ETF	-3.90%
QVAL	Alpha Architect U.S. Quantitative Value ETF	-3.31%
SYLD	Cambria Shareholder Yield ETF	-2.89%
RWJ	Invesco S&P SmallCap 600 Revenue ETF	-2.52%
COWZ	Pacer US Cash Cows 100 ETF	-2.48%
XMVM	Invesco S&P MidCap Value with Momentum ETF	-2.38%
XMMO	Invesco S&P MidCap Momentum ETF	-2.31%
XSVM	Invesco S&P SmallCap Value with Momentum ETF	-2.23%
SDOG	ALPS Sector Dividend Dogs ETF	-2.11%
DTN	WisdomTree U.S. Dividend ex-Financials Fund	-2.09%

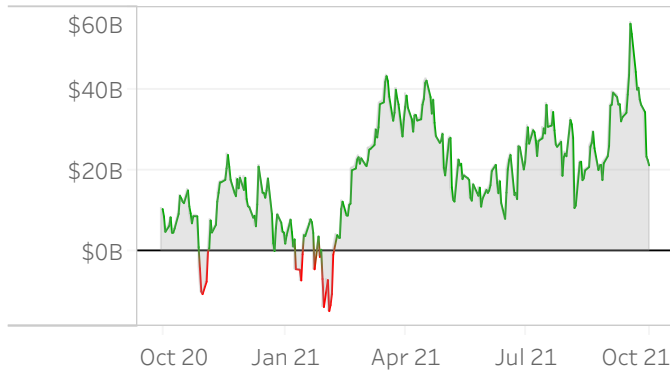
### Size & Style Most Oversold

Ticker	Fund	Value
QUAL	iShares MSCI USA Quality Factor ETF	27.05
DVOL	First Trust Dorsey Wright Momentum & Low Volatili..	27.32
FLQL	Franklin LibertyQ U.S. Equity ETF	27.66
OUSA	QShares U.S. Quality Dividend ETF	28.12
FTCS	First Trust Capital Strength ETF	28.85
SPGP	Invesco S&P 500 GARP ETF	28.86
QLV	FlexShares US Quality Low Volatility Index Fund	29.17
IUSG	iShares Core S&P U.S. Growth ETF	29.53
FCTR	First Trust Lunt U.S. Factor Rotation ETF	29.70
CHGX	Change Finance U.S. Large Cap Fossil Fuel Free ETF	29.75

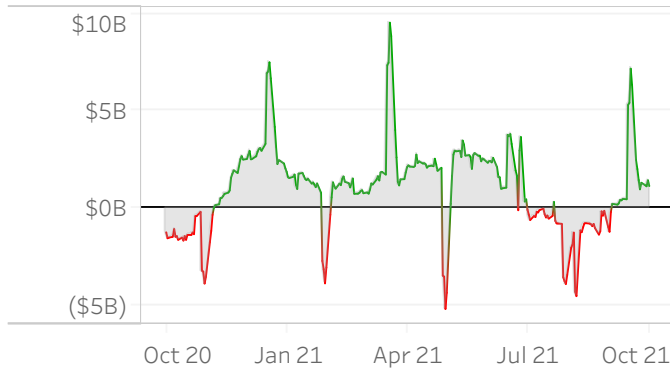
■ Closing Price
 ■ 50 Day Moving Average
 ■ 200 Day Moving Average

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

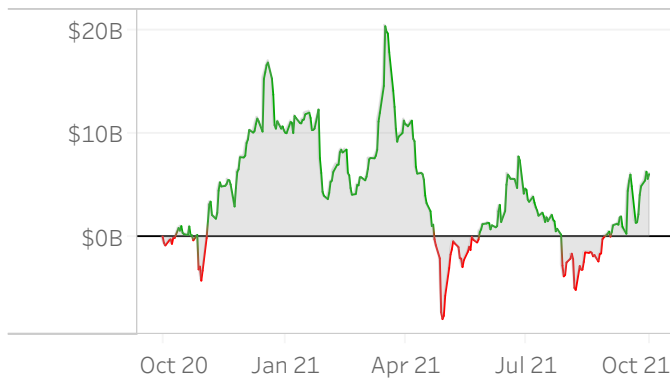
### Large-Cap 30-Day Rolling Flows



### 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: Value	11	\$198B	\$0.46B	\$3.21B	\$12.07B	\$32.09B
Small Cap, Beta, Beta: Value	7	\$56B	\$0.26B	(\$1.03B)	\$0.59B	\$9.25B
Small Cap, Beta, Beta: Growth	7	\$39B	\$0.19B	\$0.60B	\$0.28B	\$1.99B
Mid Cap, Beta, Beta	10	\$183B	\$0.07B	\$0.87B	\$2.77B	\$8.75B
Mid Cap, Beta, Beta: Growth	6	\$39B	\$0.01B	\$0.06B	(\$1.20B)	(\$2.33B)
Mid Cap, Beta, Beta: Value	6	\$40B	(\$0.02B)	(\$0.14B)	\$1.46B	\$4.02B
Small Cap, Beta, Beta	12	\$216B	(\$0.03B)	\$3.50B	\$3.16B	\$26.26B
Large Cap, Beta Growth, Beta: Growth	10	\$251B	(\$0.08B)	\$6.04B	\$8.57B	\$3.79B
Large Cap, Beta Growth, Beta	24	\$1,241B	(\$7.86B)	\$31.82B	\$52.30B	\$82.76B

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

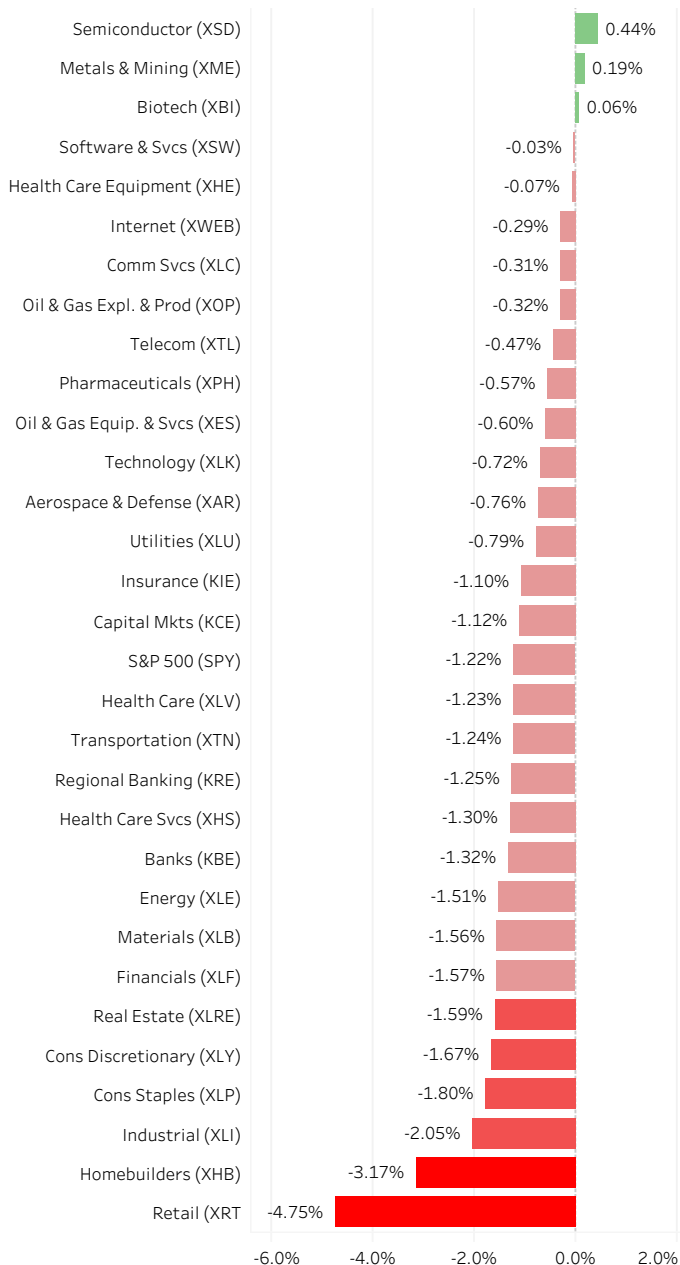
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VTI	Vanguard Total Stock Market ETF	\$1.22B	\$11.32B	\$21.83B	\$46.06B	\$265.72B
PDP	Invesco DWA Momentum ETF	\$0.59B	\$0.64B	\$0.52B	\$0.40B	\$2.39B
IWF	iShares Russell 1000 Growth ETF	\$0.57B	\$1.61B	\$0.28B	(\$1.81B)	\$71.94B
IJR	iShares Core S&P Small Cap ETF	\$0.52B	(\$0.38B)	(\$0.04B)	\$4.05B	\$69.93B
MTUM	iShares MSCI USA Momentum Factor ETF	\$0.47B	(\$0.16B)	\$0.06B	\$0.91B	\$15.51B
SCHD	Schwab US Dividend Equity ETF	\$0.26B	\$2.13B	\$6.07B	\$10.32B	\$28.06B
VB	Vanguard Small-Cap ETF	\$0.25B	\$1.24B	\$2.62B	\$6.35B	\$47.58B
IWD	iShares Russell 1000 Value ETF	\$0.24B	(\$0.12B)	\$0.32B	\$4.86B	\$53.98B
VXF	Vanguard Extended Market ETF	\$0.23B	\$0.35B	\$1.25B	\$2.92B	\$17.39B
VBR	Vanguard Small Cap Value ETF	\$0.17B	\$0.70B	\$1.33B	\$4.27B	\$25.05B

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

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	(\$4.40B)	\$0.13B	\$2.79B	\$11.19B	\$290.36B
QQQ	Invesco QQQ Trust	(\$1.71B)	\$4.05B	\$8.85B	\$9.16B	\$183.25B
IWM	iShares Russell 2000 ETF	(\$0.95B)	\$0.72B	(\$2.05B)	\$8.74B	\$67.34B
SPYG	SPDR Portfolio S&P 500 Growth ETF	(\$0.42B)	\$0.90B	\$2.45B	\$1.90B	\$13.56B
VOO	Vanguard S&P 500 ETF	(\$0.38B)	\$13.76B	\$23.84B	\$39.17B	\$249.76B
DGRO	iShares Core Dividend Growth ETF	(\$0.17B)	\$0.64B	\$1.61B	\$4.57B	\$20.03B
JVAL	JPMorgan U.S. Value Factor ETF	(\$0.16B)	(\$0.59B)	(\$0.21B)	\$0.38B	\$0.51B
VUG	Vanguard Growth ETF	(\$0.12B)	\$1.54B	\$3.29B	\$4.01B	\$81.97B
IVW	iShares S&P 500 Growth ETF	(\$0.11B)	\$0.25B	(\$0.32B)	(\$2.84B)	\$35.32B
VO	Vanguard Mid-Cap ETF	(\$0.10B)	\$1.49B	\$2.57B	\$4.61B	\$51.75B

\* 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	-3.46%	25.52%	-1.42%	3.28%	41.43
XLF	Financial Select Sector SPDR Fund	-3.77%	58.96%	-0.54%	6.57%	47.31
SPY	SPDR S&P 500 ETF Trust	-5.31%	31.42%	-3.28%	3.71%	33.57
XLP	Consumer Staples Select Sector SPDR Fund	-5.66%	10.57%	-3.85%	-0.23%	31.08
XLK	Technology Select Sector SPDR Fund	-6.50%	34.69%	-3.94%	5.22%	32.60
XLC	Communication Services Select Sector SPDR Fund	-6.90%	36.38%	-3.76%	4.00%	32.07
XLV	Health Care Select Sector SPDR Fund	-6.98%	25.22%	-4.54%	3.35%	29.77
XLI	Industrial Select Sector SPDR Fund	-7.29%	30.68%	-4.81%	-0.85%	33.24
XLE	Energy Select Sector SPDR Fund	-7.30%	87.98%	6.18%	6.51%	61.00
XLRE	Real Estate Select Sector SPDR Fund	-8.78%	30.81%	-4.91%	5.36%	29.73
XLU	Utilities Select Sector SPDR Fund	-8.83%	9.46%	-5.37%	-1.32%	29.25
XLB	Materials Select Sector SPDR Fund	-10.79%	27.72%	-5.36%	-2.02%	32.88

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PNQI	Invesco NASDAQ Internet ETF	0.59%
FBT	First Trust NYSE Arca Biotechnology Index Fund	0.53%
XSD	SPDR S&P Semiconductor ETF	0.44%
PBE	Invesco Dynamic Biotechnology & Genome ETF	0.38%
FDN	First Trust Dow Jones Internet Index Fund	0.31%
XNTK	SPDR NYSE Technology ETF	0.26%
PTH	Invesco DWA Healthcare Momentum ETF	0.24%
XME	SPDR S&P Metals & Mining ETF	0.19%
QTEC	First Trust NASDAQ-100 Technology Sector Index ..	0.19%
IBB	iShares Biotechnology ETF	0.17%

### Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
PXI	Invesco DWA Energy Momentum ETF	69.91
FCG	First Trust Natural Gas ETF	69.07
PXE	Invesco Dynamic Energy Exploration & Production ETF	67.95
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	67.66
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	66.80
PSCE	Invesco S&P SmallCap Energy ETF	66.65
RYE	Invesco S&P 500 Equal Weight Energy ETF	64.53
KBWR	Invesco KBW Regional Banking ETF	64.30
FXN	First Trust Energy AlphaDEX Fund	64.03
FENY	Fidelity MSCI Energy Index ETF	62.46

### Sector & Industry 1 Day Performance Laggards

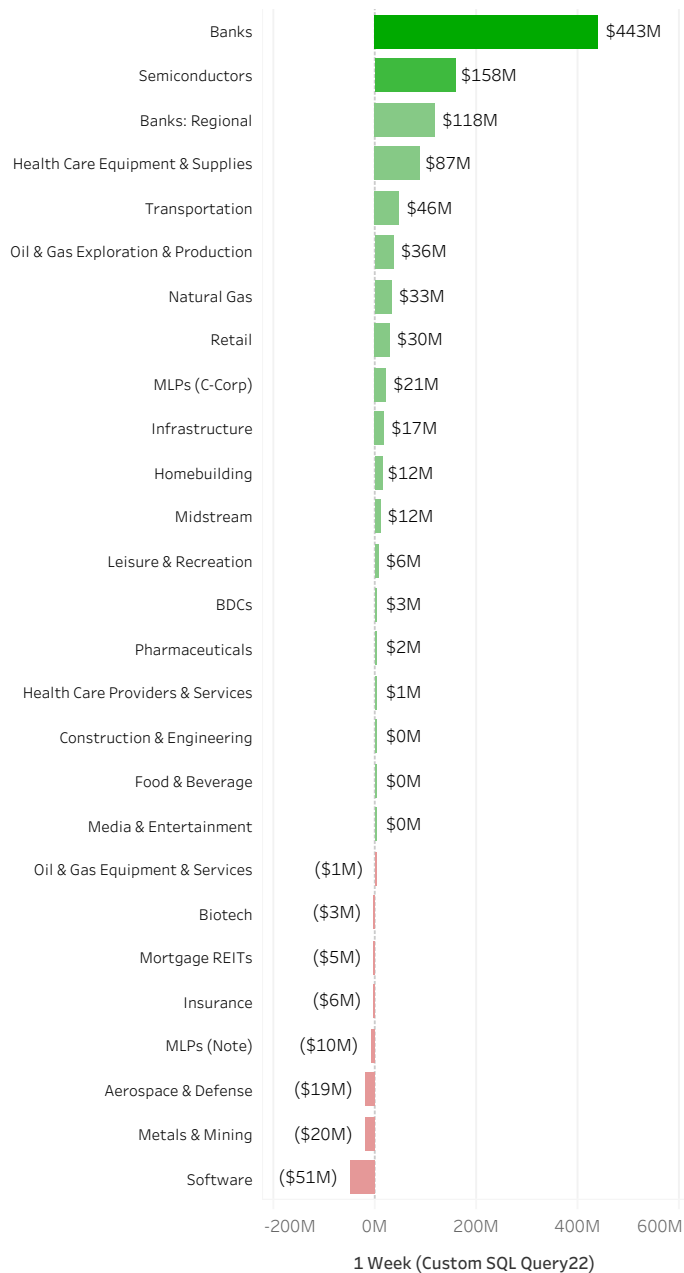
Ticker	Fund	1 Day Performance
PSCD	Invesco S&P SmallCap Consumer Discretionary ETF	-5.12%
XRT	SPDR S&P Retail ETF	-4.75%
PEZ	Invesco DWA Consumer Cyclical Momentum ETF	-3.43%
XHB	SPDR S&P Homebuilders ETF	-3.17%
FXD	First Trust Consumer Discretionary AlphaDEX Fund	-2.97%
ITB	iShares U.S. Home Construction ETF	-2.89%
RCD	Invesco S&P 500 Equal Weight Consumer Discretionar..	-2.78%
PKB	Invesco Dynamic Building & Construction ETF	-2.53%
HOMZ	Hoya Capital Housing ETF	-2.33%
PAVE	Global X U.S. Infrastructure Development ETF	-2.16%

### Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
VPU	Vanguard Utilities ETF	24.19
RYU	Invesco S&P 500 Equal Weight Utilities ETF	28.12
VHT	Vanguard Health Care ETF	28.36
IDU	iShares U.S. Utilities ETF	28.65
RYH	Invesco S&P 500 Equal Weight Health Care ETF	28.95
XLU	Utilities Select Sector SPDR Fund	29.25
FUTY	Fidelity MSCI Utilities Index ETF	29.41
PSJ	Invesco Dynamic Software ETF	29.45
SCHH	Schwab U.S. REIT ETF	29.56
NETL	NETlease Corporate Real Estate ETF	29.56

\* 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	\$98M	\$1,781M	\$2,146M	\$2,673M
Consumer Discretionary	13	\$34B	(\$37M)	(\$340M)	(\$104M)	\$3,162M
Consumer Staples	12	\$20B	(\$33M)	\$692M	\$1,091M	(\$3,225M)
Energy	34	\$52B	\$787M	(\$822M)	\$459M	\$11,425M
Financials	28	\$79B	\$1,201M	(\$338M)	\$2,009M	\$22,750M
Health Care	25	\$89B	(\$280M)	\$4,179M	\$5,194M	\$4,026M
Industrial	14	\$34B	\$110M	(\$2,631M)	(\$3,606M)	\$3,644M
Materials	10	\$16B	(\$52M)	(\$1,907M)	\$1,726M	\$5,824M
Multi-Sector	16	\$24B	\$38M	\$428M	\$1,232M	\$3,151M
Real Estate	21	\$74B	\$70M	\$3,030M	\$8,114M	\$13,433M
Technology	24	\$137B	\$165M	\$2,725M	\$3,143M	\$2,625M
Utilities	10	\$19B	(\$110M)	\$763M	\$520M	\$232M

### U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	\$650M	\$426M	\$1,309M	\$8,592M	\$25,446M
XLF	Financial Select Sector SPDR Fund	\$433M	(\$629M)	(\$1,192M)	\$12,199M	\$41,563M
KBWB	Invesco KBW Bank ETF	\$358M	\$852M	\$839M	\$1,749M	\$3,319M
XLK	Technology Select Sector SPDR Fund	\$169M	(\$59M)	(\$93M)	(\$656M)	\$43,173M
VNQ	Vanguard Real Estate ETF	\$156M	\$613M	\$2,471M	\$6,023M	\$43,056M
PTH	Invesco DWA Healthcare Momentum ETF	\$156M	\$136M	\$56M	\$45M	\$643M
VFH	Vanguard Financials ETF	\$136M	(\$194M)	\$564M	\$1,696M	\$11,011M
KRE	SPDR S&P Regional Banking ETF	\$121M	(\$335M)	\$115M	\$2,603M	\$4,911M
SOXX	iShares Semiconductor ETF	\$117M	\$444M	\$583M	\$1,719M	\$7,182M
XLC	Communication Services Select Sector SPDR Fu..	\$102M	\$1,243M	\$1,323M	\$1,515M	\$15,180M

### U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	(\$581M)	\$2,299M	\$3,933M	\$2,202M	\$31,137M
VGT	Vanguard Information Technology ETF	(\$275M)	\$560M	\$1,700M	\$1,303M	\$48,584M
IYR	iShares U.S. Real Estate ETF	(\$115M)	\$400M	\$2,189M	\$2,797M	\$7,432M
XLU	Utilities Select Sector SPDR Fund	(\$110M)	\$545M	\$178M	(\$128M)	\$12,210M
IGV	iShares Expanded Tech-Software Sector ETF	(\$83M)	\$450M	(\$310M)	(\$1,143M)	\$5,489M
XLV	Consumer Discretionary Select Sector SPDR Fu..	(\$64M)	(\$573M)	(\$998M)	\$265M	\$20,018M
XLP	Consumer Staples Select Sector SPDR Fund	(\$58M)	\$454M	\$985M	(\$2,674M)	\$12,004M
XBI	SPDR S&P BIOTECH ETF	(\$30M)	\$468M	\$523M	\$1,331M	\$7,207M
RCD	Invesco S&P 500 Equal Weight Consumer Discr..	(\$24M)	(\$188M)	(\$212M)	\$333M	\$707M
XME	SPDR S&P Metals & Mining ETF	(\$20M)	(\$250M)	(\$31M)	\$693M	\$1,715M

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

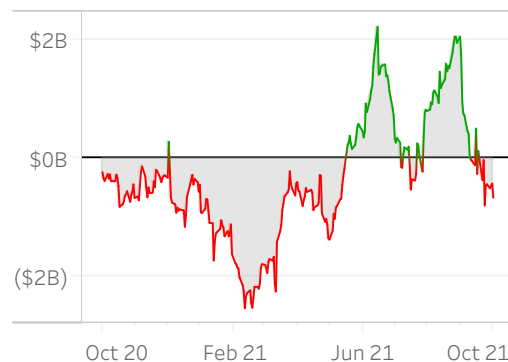
### Communication Services



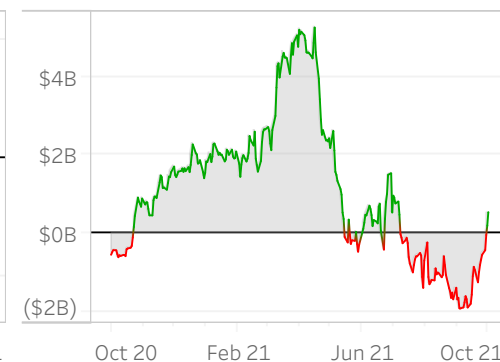
### Consumer Discretionary



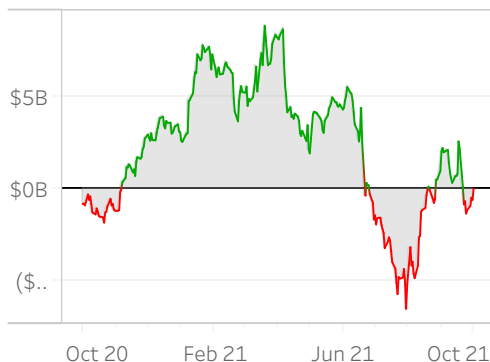
### Consumer Staples



### Energy



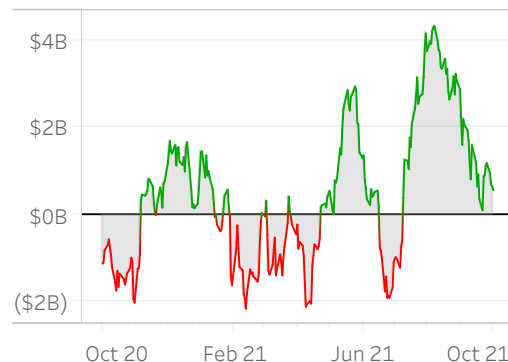
### Financials



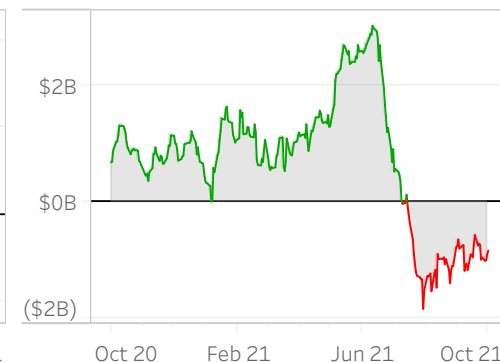
### Industrial



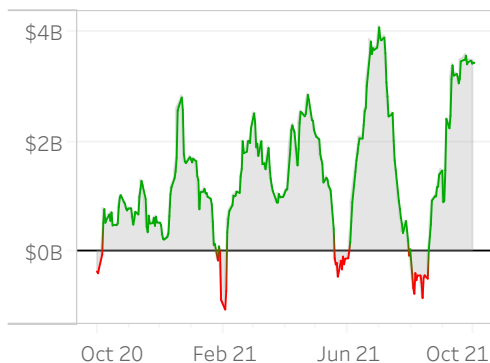
### Health Care



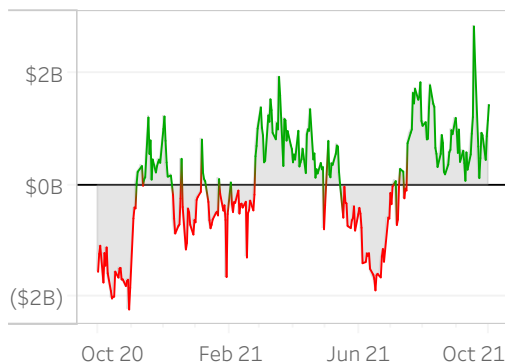
### Materials



### Real Estate



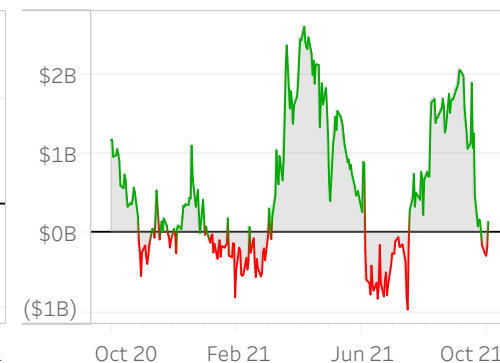
### Technology



### Utilities

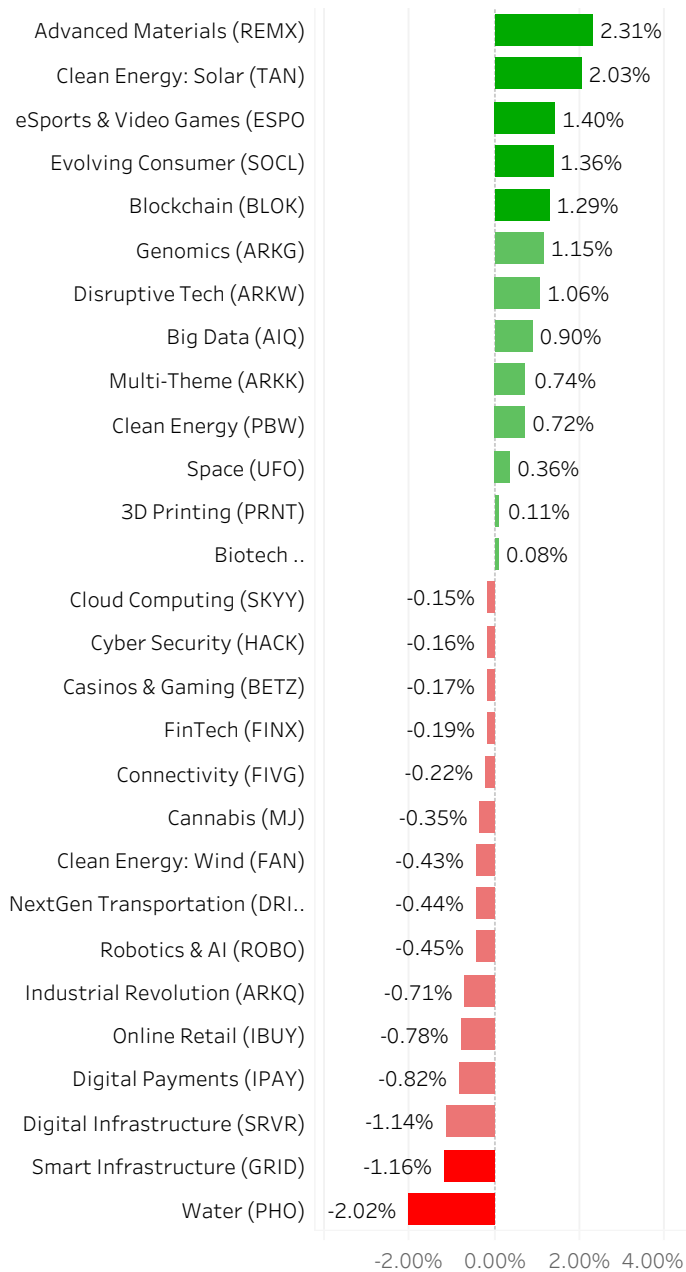


### Multi-Sector

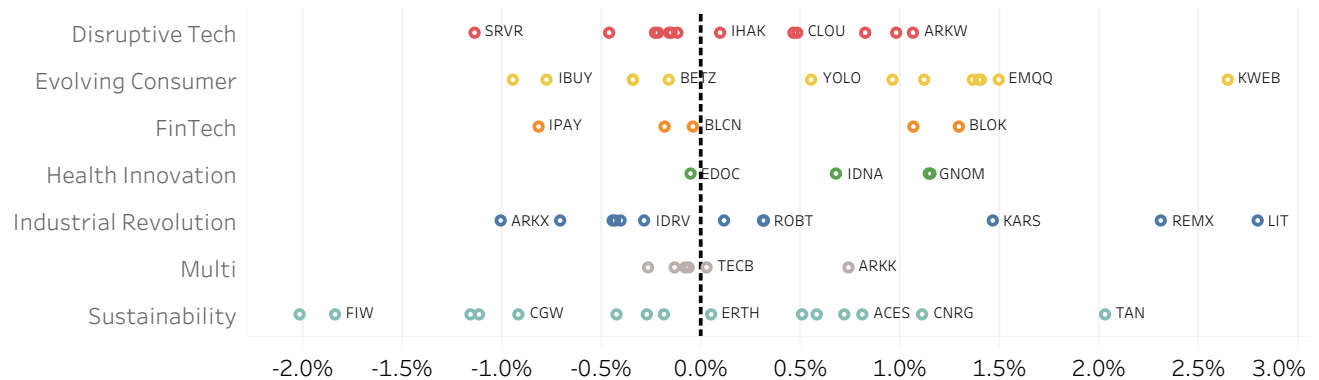


\*ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day

### Global Thematic Segment 1-Day Performance



### Global Thematic 1-Day Performance Landscape



### Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
KGRN	KraneShares MSCI China Clean Technology Index ETF	2.86%
LIT	Global X Lithium & Battery Tech ETF	2.80%
KWEB	KraneShares CSI China Internet ETF	2.65%
BITQ	Bitwise Crypto Industry Innovators ETF	2.31%
REMX	VanEck Rare Earth/Strategic Metals ETF	2.31%
TAN	Invesco Solar ETF	2.03%
BATT	Amplify Lithium & Battery Technology ETF	1.77%
NERD	Roundhill BITKRAFT Esports & Digital Entertainment ETF	1.58%
EMQQ	Emerging Markets Internet & Ecommerce ETF	1.49%
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	1.46%

### Thematic Most Overbought

Ticker	Fund	Value
AWAY	ETFMG Travel Tech ETF	60.24
UFO	Procore Space ETF	48.63
LIT	Global X Lithium & Battery Tech ETF	47.81
MSOS	AdvisorShares Pure US Cannabis ETF	46.67
BATT	Amplify Lithium & Battery Technology ETF	46.08
SBIO	ALPS Medical Breakthroughs ETF	45.68
KGRN	KraneShares MSCI China Clean Technology Index ETF	45.32
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	44.80
HAIL	SPDR S&P Kensho Smart Mobility ETF	44.17
CNRG	SPDR S&P Kensho Clean Power ETF	43.96

### Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
PHO	Invesco Water Resources ETF	-2.02%
FIW	First Trust Water ETF	-1.84%
EVX	VanEck Environmental Services ETF	-1.37%
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructur..	-1.16%
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCT..	-1.14%
SIMS	SPDR S&P Kensho Intelligent Structures ETF	-1.13%
PIO	Invesco Global Water ETF	-1.12%
ARKX	ARK Space Exploration & Innovation ETF	-1.01%
ONLN	ProShares Online Retail ETF	-0.95%
CGW	Invesco S&P Global Water Index ETF	-0.92%

### Thematic Most Oversold

Ticker	Fund	Value
PIO	Invesco Global Water ETF	22.47
EBLU	Ecofin Global Water ESG Fund	26.62
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR..	28.05
CGW	Invesco S&P Global Water Index ETF	29.11
PHO	Invesco Water Resources ETF	30.80
FIVG	Defiance Next Gen Connectivity ETF	30.85
AGNG	Global X Aging Population ETF	30.98
HTEC	ROBO Global Healthcare Technology and Innovation ETF	31.01
INVE...	Knowledge Leaders Developed World ETF	31.07
PAWZ	ProShares Pet Care ETF	31.20

\* 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	
KWEB	KraneShares CSI China Internet ETF	\$68M
PAWZ	ProShares Pet Care ETF	\$66M
MSOS	AdvisorShares Pure US Cannabis ETF	\$55M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$41M
AWAY	ETFMG Travel Tech ETF	\$34M
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	\$13M
FINX	Global X FinTech ETF	\$13M
FIW	First Trust Water ETF	\$13M
ANEW	ProShares MSCI Transformational Changes ETF	\$12M
LIT	Global X Lithium & Battery Tech ETF	\$11M

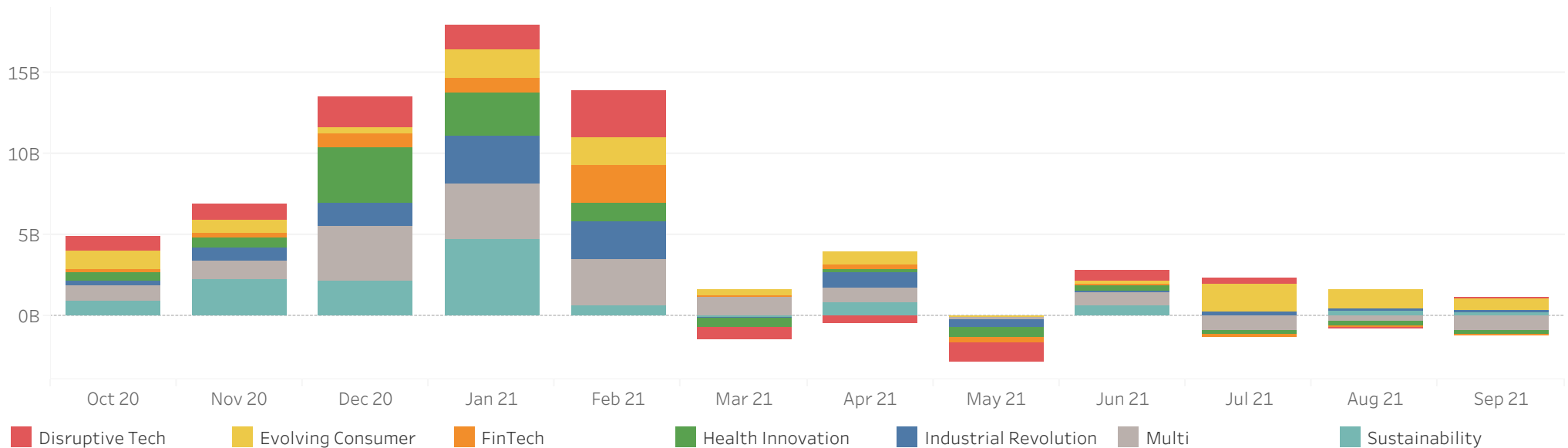
### Thematic 1 Week Flow Laggards

Ticker	Fund	
ARKK	ARK Innovation ETF	(\$694M)
ARKG	ARK Genomic Revolution ETF	(\$161M)
ARKW	ARK Next Generation Internet ETF	(\$149M)
ARKF	ARK Fintech Innovation ETF	(\$54M)
PBW	Invesco WilderHill Clean Energy ETF	(\$47M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$40M)
IBUY	Amplify Online Retail ETF	(\$29M)
WCLD	WisdomTree Cloud Computing Fund	(\$21M)
PRNT	3D Printing ETF	(\$16M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$15M)

### Thematic Landscape Assets & Flows

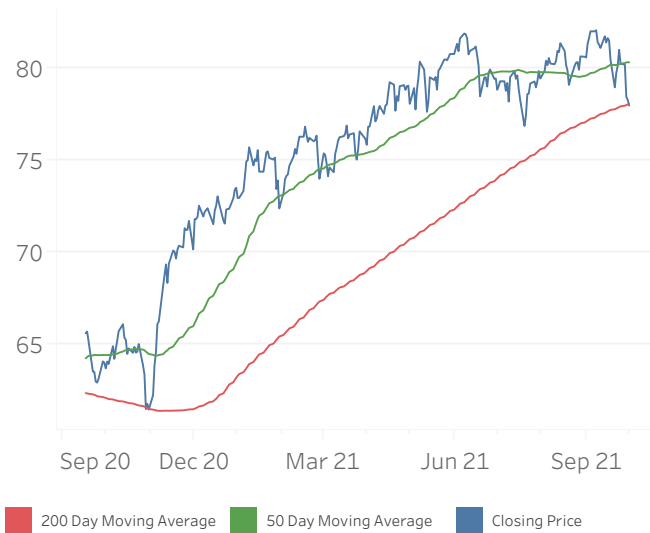
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	29	\$28B	(\$137M)	\$349M	(\$617M)	\$6,846M
Evolving Consumer	39	\$16B	\$86M	\$3,553M	\$4,654M	\$10,747M
FinTech	14	\$7B	(\$37M)	(\$287M)	(\$184M)	\$4,646M
Health Innovation	14	\$9B	(\$169M)	(\$815M)	(\$882M)	\$6,993M
Industrial Revolution	22	\$17B	(\$39M)	\$553M	\$802M	\$8,469M
Multi	28	\$28B	(\$638M)	(\$1,826M)	(\$1,244M)	\$12,431M
Sustainability	33	\$22B	(\$43M)	\$481M	\$1,820M	\$12,820M
Grand Total	179	\$127B	(\$977M)	\$2,009M	\$4,349M	\$62,952M

### Thematic Monthly Flows

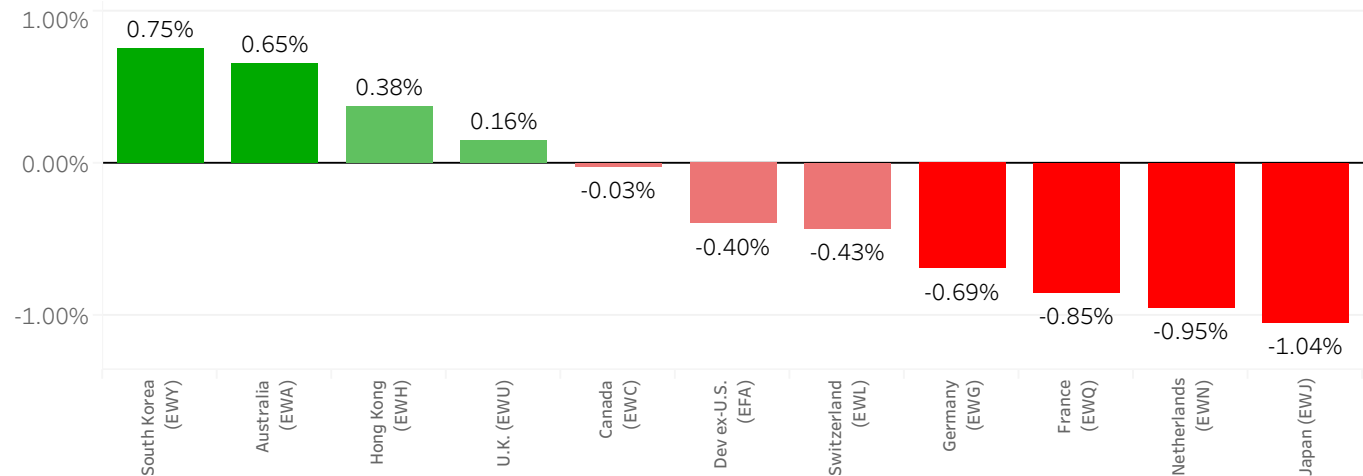


\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day

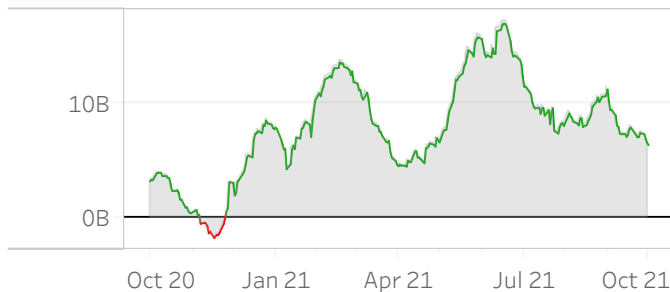
Developed ex-U.S. (EFA)



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



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



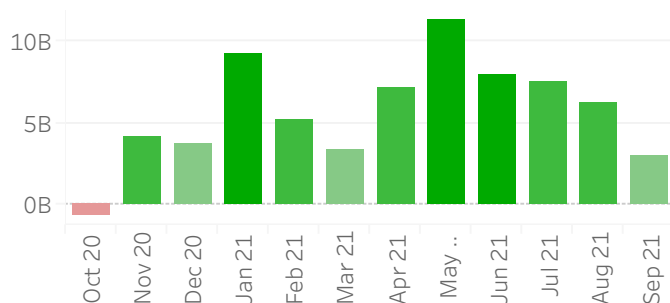
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
FLKR	Franklin FTSE South Korea ETF	1.14%
EWY	iShares MSCI South Korea ETF	0.75%
AIA	iShares Asia 50 ETF	0.70%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	0.65%
EWA	iShares MSCI Australia ETF	0.65%
ENZL	iShares MSCI New Zealand ETF	0.57%
DFE	WisdomTree Europe SmallCap Dividend Fund	0.52%
EWD	iShares MSCI Sweden ETF	0.45%
EPP	iShares MSCI Pacific ex-Japan ETF	0.39%
EWH	iShares MSCI Hong Kong ETF	0.38%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
DXJ	WisdomTree Japan Hedged Equity Fund	48.01
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	47.12
HEWJ	iShares Currency Hedged MSCI Japan ETF	46.77
EWO	iShares MSCI Austria ETF	45.29
EIS	iShares MSCI Israel ETF	44.88
IVLU	iShares MSCI Intl Value Factor ETF	44.42
FNDF	Schwab Fundamental International Large Co. Index ETF	44.04
EWU	iShares MSCI United Kingdom ETF	43.25
FIDI	Fidelity International High Dividend ETF	43.16
FLJP	Franklin FTSE Japan ETF	42.54

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
DXJ	WisdomTree Japan Hedged Equity Fund	-1.93%
HEWJ	iShares Currency Hedged MSCI Japan ETF	-1.50%
EIRL	iShares MSCI Ireland ETF	-1.41%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	-1.38%
FLJP	Franklin FTSE Japan ETF	-1.22%
EWP	iShares MSCI Spain ETF	-1.17%
BBJP	JPMorgan BetaBuilders Japan ETF	-1.11%
EWJ	iShares MSCI Japan ETF	-1.04%
FEZ	SPDR EURO STOXX 50 ETF	-1.01%
IMOM	Alpha Architect International Quantitative Momentum ETF	-0.99%

Developed ex-U.S. Most Oversold

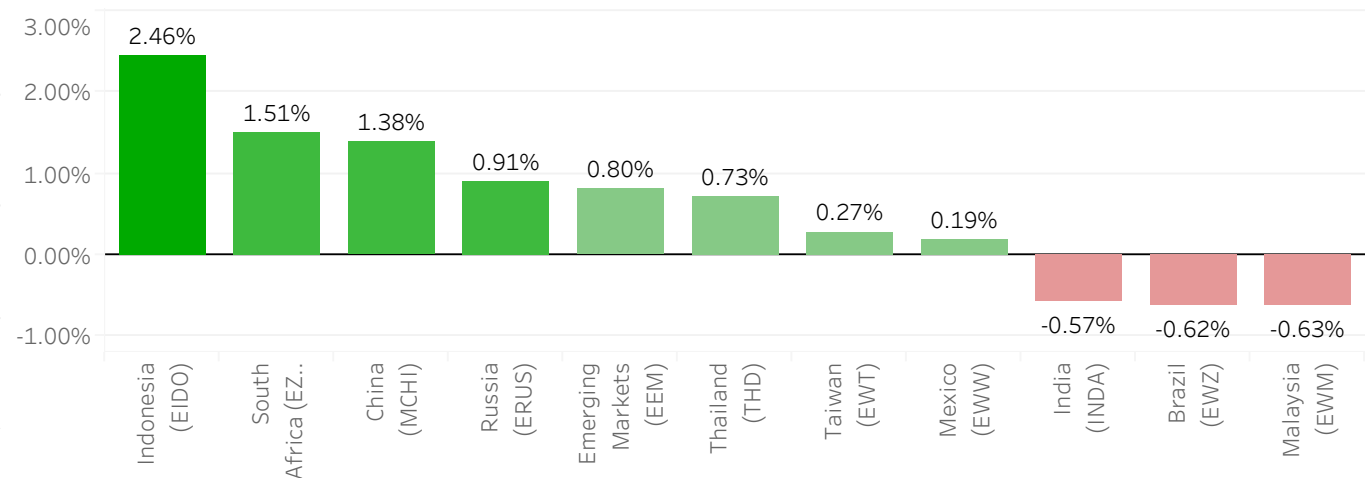
Ticker	Fund	Price
EUDG	WisdomTree Europe Quality Dividend Growth Fund	24.40
RFDI	First Trust Riverfront Dynamic Developed Internatio..	24.46
EWL	iShares MSCI Switzerland ETF	25.53
IQDG	WisdomTree International Quality Dividend Growth ..	26.13
QLVD	FlexShares Developed Markets ex-US Quality Low V..	26.49
IDLV	Invesco S&P International Developed Low Volatility ..	27.16
EFV	iShares MSCI EAFE Min Vol Factor ETF	27.63
FSZ	First Trust Switzerland AlphaDEX Fund	27.86
IDHQ	Invesco S&P International Developed High Quality E..	27.93
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	28.11

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

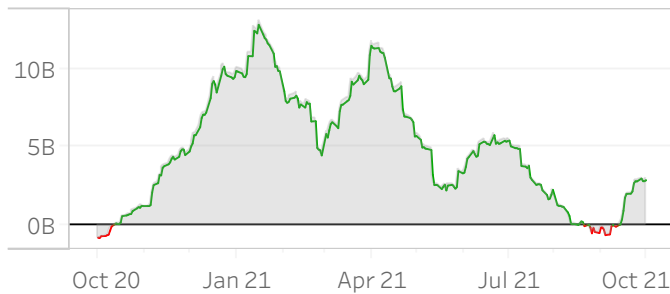
Emerging (EEM)



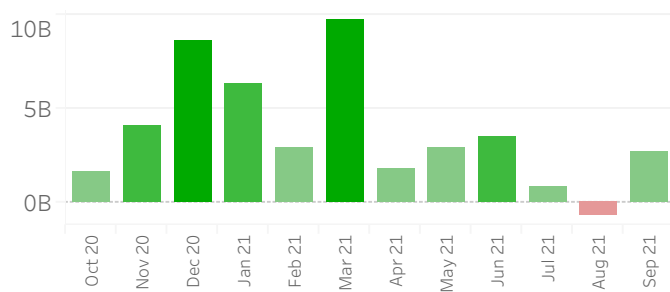
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
ECNS	iShares MSCI China Small-Cap ETF	3.18%
EIDO	iShares MSCI Indonesia ETF	2.46%
PGJ	Invesco Golden Dragon China ETF	2.03%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	1.93%
CNYA	iShares MSCI China A ETF	1.89%
FEM	First Trust Emerging Markets AlphaDEX Fund	1.81%
EPOL	iShares MSCI Poland ETF	1.76%
AFK	VanEck Africa Index ETF	1.76%
KBA	KraneShares Boser MSCI China A Share ETF	1.71%
PIE	Invesco DWA Emerging Markets Momentum ETF	1.55%

Emerging Most Overbought

Ticker	Fund	Value
QAT	iShares MSCI Qatar ETF	73.97
ERUS	iShares MSCI Russia ETF	61.01
EIDO	iShares MSCI Indonesia ETF	59.85
KSA	iShares MSCI Saudi Arabia ETF	59.00
SMIN	iShares MSCI India Small Cap ETF	56.45
EPI	WisdomTree India Earnings Fund	56.14
RSX	VanEck Russia ETF	56.01
INDY	iShares India 50 ETF	52.92
NFTY	First Trust India NIFTY 50 Equal Weight ETF	52.60
FNDE	Schwab Fundamental Emerging Markets Large Co. In..	50.82

Emerging 1-Day Performance Laggards

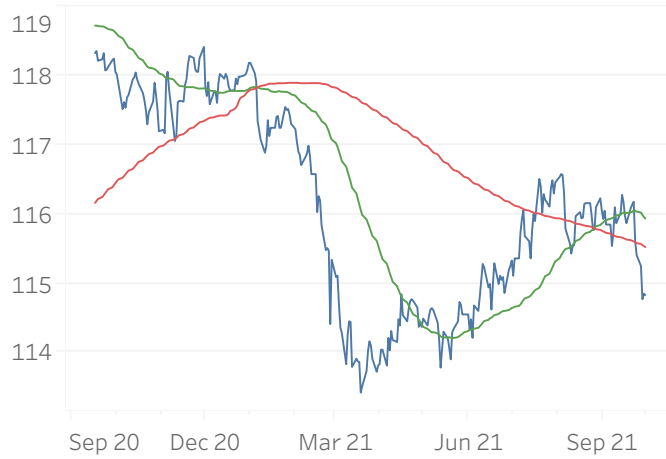
Ticker	Fund	Performance
NFTY	First Trust India NIFTY 50 Equal Weight ETF	-0.77%
EWM	iShares MSCI Malaysia ETF	-0.63%
EWZ	iShares MSCI Brazil ETF	-0.62%
INDY	iShares India 50 ETF	-0.60%
INDA	iShares MSCI India ETF	-0.57%
EPU	iShares MSCI Peru ETF	-0.51%
GLIN	VanEck India Growth Leaders ETF	-0.47%
EPI	WisdomTree India Earnings Fund	-0.37%
PIN	Invesco India ETF	-0.31%
FLBR	Franklin FTSE Brazil ETF	-0.28%

Emerging Most Oversold

Ticker	Fund	Value
ILF	iShares Latin America 40 ETF	34.36
EWZ	iShares MSCI Brazil ETF	34.75
ECH	iShares MSCI Chile ETF	34.93
TUR	iShares MSCI Turkey ETF	35.24
FLBR	Franklin FTSE Brazil ETF	35.43
ADRE	Invesco BLDRS Emerging Markets 50 ADR Index Fund	35.59
BICK	First Trust BICK Index Fund	35.90
EYLD	Cambria Emerging Shareholder Yield ETF	35.92
FEMS	First Trust Emerging Markets Small Cap AlphaDEX F..	35.97
GEM	Goldman Sachs ActiveBeta Emerging Markets Equit..	37.08

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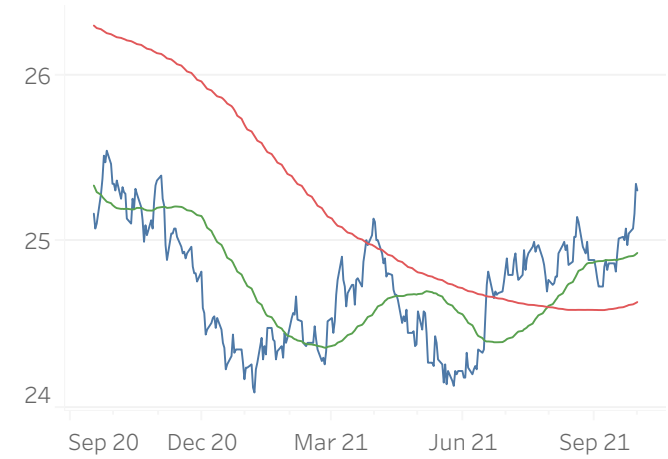
Fixed Income (AGG)



Commodities (DJP)



Currencies (UUP)



200 Day Moving Average 50 Day Moving Average Closing Price

Fixed Income Performance

Ticker	Name	1 Day	1 Month	YTD
AGG	U.S. Aggregate	-0.02%	-1.06%	-1.67%
SHY	1-3 Year Treasury Bonds	0.02%	-0.11%	-0.11%
IEF	7-10 Year Treasury Bonds	0.12%	-1.78%	-3.44%
TLT	20+ Year Treasury Bonds	-0.01%	-3.57%	-7.55%
TIP	TIPS Bonds	0.02%	-1.07%	3.20%
FLOT	Floating Rate Bonds	0.00%	0.15%	0.54%
LQD	Investment Grade Corporate	-0.26%	-1.73%	-2.21%
HYG	High Yield Corporate	-0.11%	-0.35%	2.95%
BKLN	Senior Loan	-0.27%	0.16%	1.58%
PFF	Preferred & Income Securities	-0.36%	-1.19%	4.01%
MUB	Municipal Bonds	0.04%	-0.71%	0.34%
MBB	MBS	0.10%	-0.37%	-0.80%
EMB	Dollar Denominated EM Bonds	-0.02%	-2.60%	-2.62%
LEMB	Local Currency EM Bond	0.17%	-2.60%	-6.39%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	1.42%	5.14%	33.56%
DBE	Energy	1.07%	8.80%	56.27%
USO	WTI Crude Oil	0.46%	8.60%	59.22%
BNO	Brent Crude Oil	0.68%	9.55%	60.25%
UNG	Natural Gas	7.01%	33.60%	119.13%
UGA	Gasoline	0.81%	4.28%	57.88%
DBP	Precious Metals	2.00%	-4.29%	-10.84%
GLD	Gold	1.80%	-3.03%	-7.93%
SLV	Silver	2.86%	-7.82%	-16.48%
PPLT	Platinum	1.43%	-4.24%	-10.45%
PALL	Palladium	3.30%	-23.62%	-22.31%
DBB	Base Metals	-1.71%	-0.48%	19.93%
CPER	Copper	-1.76%	-6.56%	15.27%
LD	Lead	-0.98%	-8.50%	5.77%
JJN	Nickel	-1.20%	-7.68%	6.72%
JJU	Aluminum	-1.65%	7.18%	41.63%
JJT	Tin	-5.64%	0.61%	87.60%
DBA	Agriculture	0.63%	-1.39%	18.46%
CORN	Corn	-0.40%	-0.69%	29.46%
SOYB	Soybeans	-1.48%	-2.70%	13.10%
WEAT	Wheat	1.87%	0.43%	14.38%
CANE	Sugar	2.03%	-2.45%	41.48%
BAL	Cotton	3.63%	12.45%	29.67%
NIB	Cocoa	2.10%	1.40%	-0.16%
JO	Coffee	0.23%	-2.45%	42.88%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.16%	1.69%	4.41%
UDN	Short Dollar	0.10%	-1.76%	-5.28%
FXE	Euro	-0.08%	-1.94%	-5.90%
FXB	British Pound Sterling	0.44%	-2.11%	-1.76%
FXF	Swiss Franc	0.29%	-1.78%	-5.89%
FXJ	Japanese Yen	0.64%	-1.34%	-7.65%
FXC	Canadian Dollar	0.75%	-0.46%	0.14%
FXA	Australian Dollar	0.78%	-0.92%	-6.56%

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

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