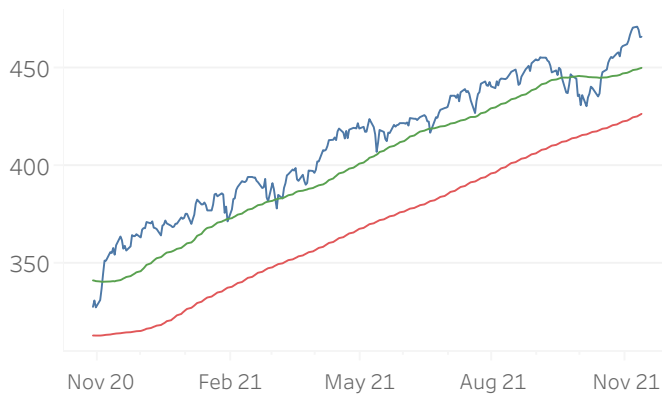
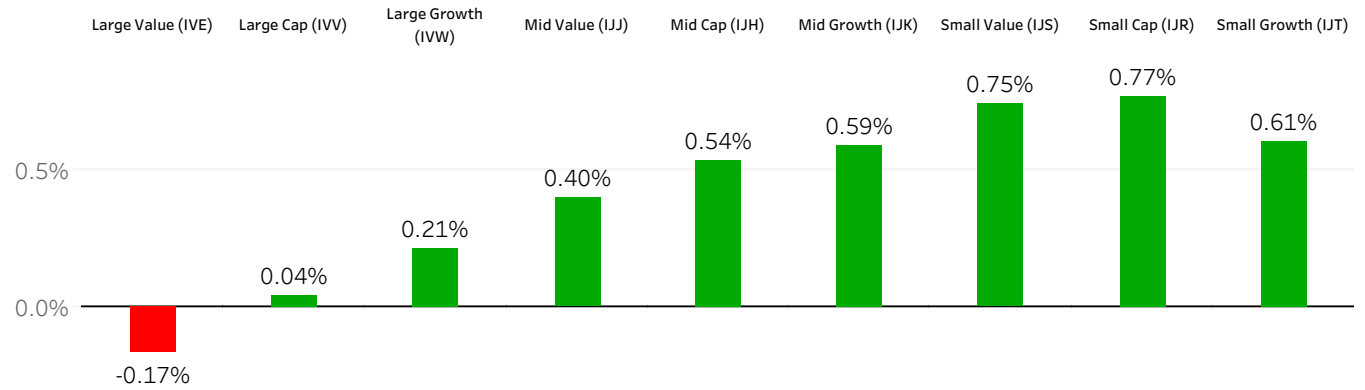


### Large Cap Blend (S&P 500) IVV



### 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
FFTY	Innovator IBD 50 ETF	2.22%
QVAL	Alpha Architect U.S. Quantitative Value ETF	2.05%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	1.78%
BUZZ	VanEck Social Sentiment ETF	1.70%
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	1.58%
DEEP	Roundhill Acquirers Deep Value ETF	1.44%
SYLD	Cambria Shareholder Yield ETF	1.41%
JSML	Janus Henderson Small Cap Growth Alpha ETF	1.37%
CALF	Pacer US Small Cap Cash Cows 100 ETF	1.37%
DWAS	Invesco DWA SmallCap Momentum ETF	1.31%

### Size & Style Most Overbought

Ticker	Fund	Value
XSLV	Invesco S&P SmallCap Low Volatility ETF	77.10
TPSC	Timothy Plan US Small Cap Core ETF	72.42
EES	WisdomTree U.S. SmallCap Fund	71.78
CSF	VictoryShares US Discovery Enhanced Volatility Wtd ETF	71.27
KLCD	KFA Large Cap Quality Dividend Index ETF	71.12
BFOR	ALPS Barron's 400 ETF	70.69
DEEP	Roundhill Acquirers Deep Value ETF	70.66
FDM	First Trust Dow Jones Select MicroCap Index Fund	70.63
XSMO	Invesco S&P SmallCap Momentum ETF	70.49
FLQL	Franklin LibertyQ U.S. Equity ETF	70.40

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



### Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
DIA	SPDR Dow Jones Industrial Average ETF Trust	-0.45%
EDOW	First Trust Dow 30 Equal Weight ETF	-0.44%
XRLV	Invesco S&P 500 ex-Rate Sensitive Low Volatility ETF	-0.41%
VSDA	VictoryShares Dividend Accelerator ETF	-0.39%
SPLV	Invesco S&P 500 Low Volatility ETF	-0.39%
HUSV	First Trust Horizon Managed Volatility Domestic ETF	-0.38%
ALTL	Pacer Lunt Large Cap Alternator ETF	-0.38%
DURA	VanEck Morningstar Durable Dividend ETF	-0.37%
LCG	Sterling Capital Focus Equity ETF	-0.37%
ABEQ	Absolute Core Strategy ETF	-0.31%

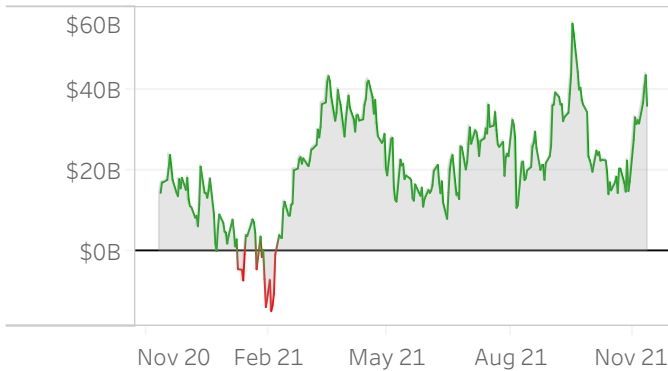
### Size & Style Most Oversold

Ticker	Fund	Value
MFMS	Motley Fool Small-Cap Growth ETF	44.33
IPO	Renaissance IPO ETF	45.78
GURU	Global X Guru Index ETF	47.87
CSD	Invesco S&P Spin-Off ETF	48.08
SHE	SPDR SSGA Gender Diversity Index ETF	49.65
BUZZ	VanEck Social Sentiment ETF	51.99
QQXT	First Trust Nasdaq-100 Ex-Technology Sector Index ..	52.06
MMLG	First Trust Multi-Manager Large Growth ETF	52.28
MXDU	Nationwide Maximum Diversification US Core Equit..	53.57
MTUM	iShares MSCI USA Momentum Factor ETF	53.71

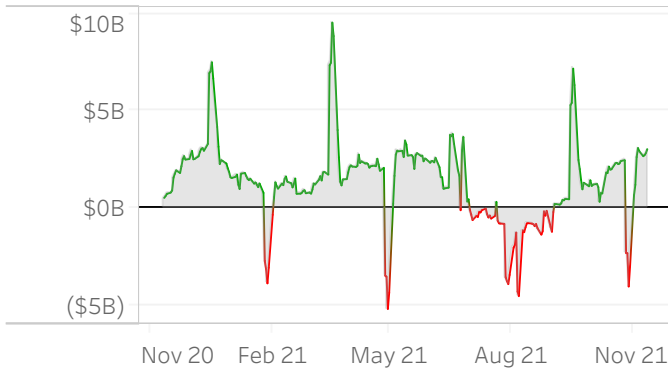
■ Closing Price    ■ 50 Day Moving Average    ■ 200 Day Moving Average

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

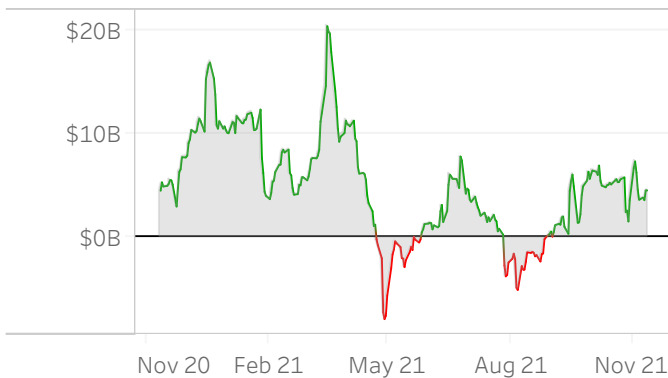
### Large-Cap 30-Day Rolling Flows



### 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	\$1,364B	\$5.59B	\$54.35B	\$80.52B	\$103.32B
Small Cap, Beta, Beta	12	\$235B	\$0.97B	\$8.18B	\$10.35B	\$25.89B
Large Cap, Beta Growth, Beta: Value	11	\$211B	\$0.28B	\$5.49B	\$10.82B	\$32.99B
Small Cap, Beta, Beta: Growth	7	\$40B	\$0.13B	\$0.05B	\$0.17B	\$0.97B
Mid Cap, Beta, Beta	10	\$198B	\$0.11B	\$3.02B	\$2.64B	\$9.69B
Small Cap, Beta, Beta: Value	7	\$60B	\$0.10B	\$0.82B	\$0.29B	\$8.52B
Large Cap, Beta Growth, Beta: Growth	10	\$274B	\$0.06B	\$3.11B	\$9.46B	\$5.21B
Mid Cap, Beta, Beta: Growth	6	\$42B	\$0.05B	\$0.45B	(\$0.10B)	(\$2.11B)
Mid Cap, Beta, Beta: Value	6	\$43B	(\$0.01B)	\$0.61B	\$0.26B	\$4.69B

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

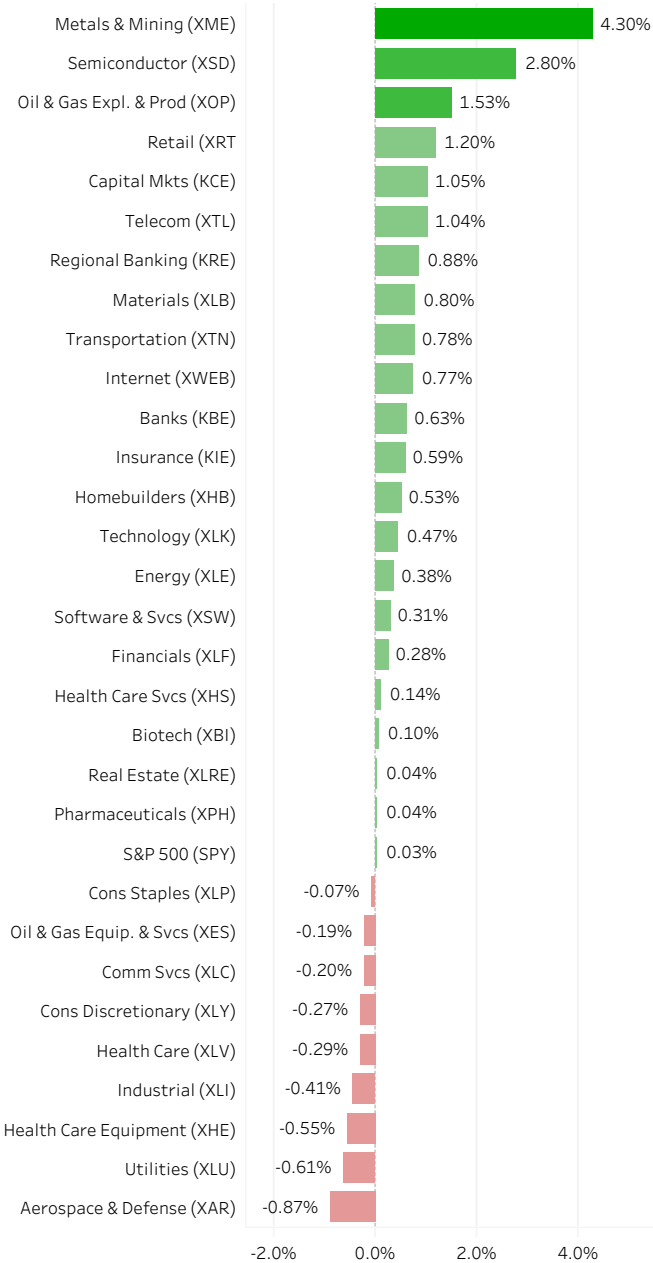
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	\$2.36B	\$8.10B	\$15.57B	\$17.22B	\$207.52B
VOO	Vanguard S&P 500 ETF	\$1.35B	\$13.06B	\$25.18B	\$43.27B	\$273.28B
SPY	SPDR S&P 500 ETF Trust	\$0.97B	\$19.93B	\$19.55B	\$8.96B	\$424.61B
IVV	iShares Core S&P 500 ETF	\$0.80B	\$9.25B	\$12.34B	\$20.49B	\$321.39B
VTI	Vanguard Total Stock Market ETF	\$0.75B	\$10.00B	\$21.13B	\$44.34B	\$288.25B
IWM	iShares Russell 2000 ETF	\$0.39B	\$3.32B	\$3.65B	\$6.60B	\$74.17B
EQRR	ProShares Equities for Rising Rates ETF	\$0.33B	\$0.33B	\$0.33B	\$0.33B	\$0.01B
IJR	iShares Core S&P Small Cap ETF	\$0.29B	\$2.14B	\$1.23B	\$5.18B	\$75.89B
SUSA	iShares MSCI USA ESG Select ETF	\$0.19B	\$0.53B	\$0.84B	\$1.49B	\$4.38B
VTV	Vanguard Value ETF	\$0.16B	\$2.89B	\$6.46B	\$16.04B	\$89.89B

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

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.24B)	\$1.22B	\$0.82B	\$1.15B	\$16.83B
IWF	iShares Russell 1000 Growth ETF	(\$0.18B)	(\$0.05B)	\$0.59B	(\$2.08B)	\$77.62B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.17B)	(\$0.29B)	(\$0.95B)	(\$0.08B)	\$22.25B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.07B)	(\$1.60B)	(\$2.04B)	(\$0.89B)	\$29.80B
IJJ	iShares S&P Mid-Cap 400 Value ETF	(\$0.06B)	\$0.17B	\$0.10B	\$1.92B	\$9.37B
IWN	iShares Russell 2000 Value ETF	(\$0.04B)	\$0.11B	(\$0.91B)	\$1.88B	\$16.85B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.04B)	\$0.82B	\$1.27B	\$8.90B	\$31.33B
USSG	Xtrackers MSCI USA ESG Leaders Equity ETF	(\$0.03B)	\$0.06B	\$0.05B	\$0.40B	\$4.16B
IWV	iShares Russell 3000 ETF	(\$0.03B)	(\$0.08B)	(\$0.11B)	(\$0.66B)	\$12.58B
IWB	iShares Russell 1000 ETF	(\$0.03B)	(\$0.92B)	(\$0.45B)	(\$0.61B)	\$31.31B

\* 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)
XLB	Materials Select Sector SPDR Fund	0.00%	27.76%	6.88%	8.58%	72.69
XLP	Consumer Staples Select Sector SPDR Fund	-0.22%	15.07%	2.45%	4.42%	65.52
XLI	Industrial Select Sector SPDR Fund	-0.97%	25.12%	3.54%	5.07%	61.99
SPY	SPDR S&P 500 ETF Trust	-1.10%	28.09%	3.58%	9.17%	64.28
XLRE	Real Estate Select Sector SPDR Fund	-1.15%	37.39%	2.87%	10.07%	59.60
XLF	Financial Select Sector SPDR Fund	-1.38%	43.69%	3.08%	9.33%	55.30
XLK	Technology Select Sector SPDR Fund	-1.60%	35.48%	5.14%	13.18%	64.81
XLE	Energy Select Sector SPDR Fund	-2.45%	56.94%	6.57%	12.33%	55.00
XLV	Health Care Select Sector SPDR Fund	-2.70%	22.79%	1.54%	6.21%	55.71
XLY	Consumer Discretionary Select Sector SPDR Fund	-3.86%	30.34%	7.08%	14.08%	61.25
XLU	Utilities Select Sector SPDR Fund	-4.82%	14.27%	0.44%	2.14%	51.24
XLC	Communication Services Select Sector SPDR Fund	-6.96%	23.02%	-1.91%	1.33%	43.27

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XME	SPDR S&P Metals & Mining ETF	4.30%
XSD	SPDR S&P Semiconductor ETF	2.80%
FXZ	First Trust Materials AlphaDEX Fund	2.24%
SOXX	iShares Semiconductor ETF	2.11%
PYZ	Invesco DWA Basic Materials Momentum ETF	2.01%
PSI	Invesco Dynamic Semiconductors ETF	1.97%
AMZA	InfraCap MLP ETF	1.95%
PSCE	Invesco S&P SmallCap Energy ETF	1.95%
FCG	First Trust Natural Gas ETF	1.85%
IYM	iShares U.S. Basic Materials ETF	1.82%

### Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
INDS	Pacer Benchmark Industrial Real Estate SCTR ETF	77.93
PSCI	Invesco S&P SmallCap Industrials ETF	76.25
AIRR	First Trust RBA American Industrial Renaissance ETF	74.33
PRN	Invesco DWA Industrials Momentum ETF	73.53
XLB	Materials Select Sector SPDR Fund	72.69
FMAT	Fidelity MSCI Materials Index ETF	72.27
PSI	Invesco Dynamic Semiconductors ETF	72.17
VAW	Vanguard Materials ETF	71.68
XSD	SPDR S&P Semiconductor ETF	71.14
SOXX	iShares Semiconductor ETF	70.79

### Sector & Industry 1 Day Performance Laggards

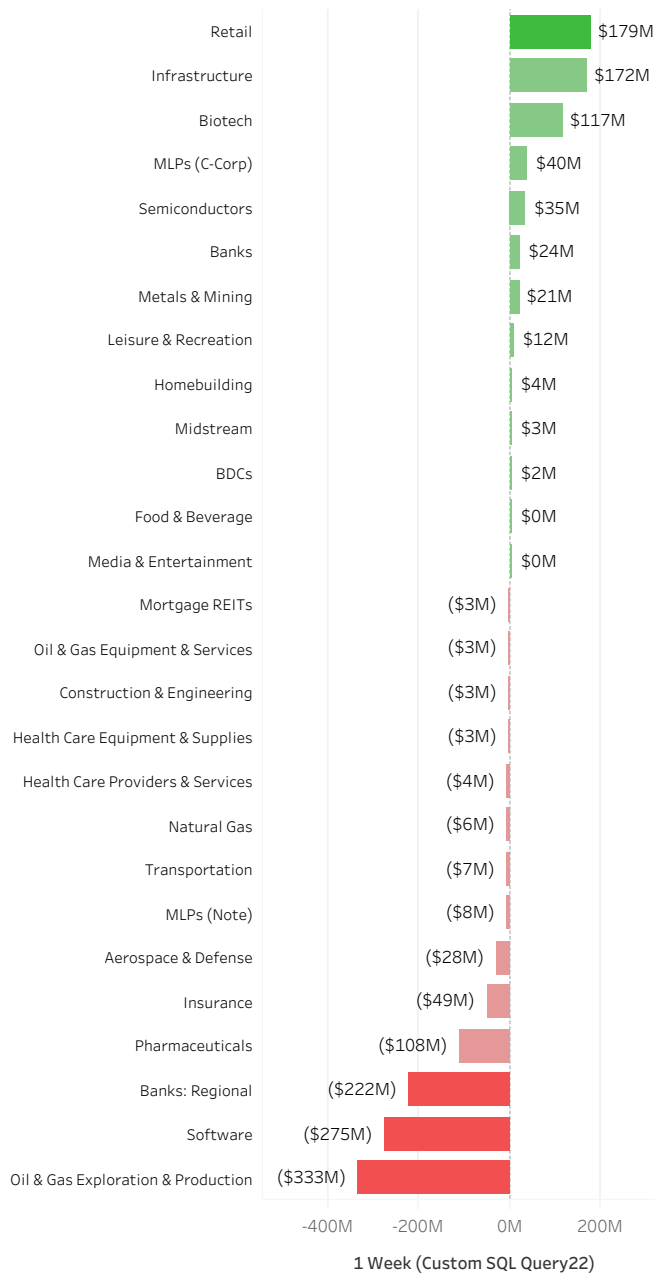
Ticker	Fund	1 Day Performance
PPA	Invesco Aerospace & Defense ETF	-1.08%
PEJ	Invesco Dynamic Leisure & Entertainment ETF	-0.95%
XAR	SPDR S&P Aerospace & Defense ETF	-0.87%
ITA	iShares U.S. Aerospace & Defense ETF	-0.81%
XLU	Utilities Select Sector SPDR Fund	-0.61%
XHE	SPDR S&P Health Care Equipment ETF	-0.55%
IDU	iShares U.S. Utilities ETF	-0.51%
VPU	Vanguard Utilities ETF	-0.47%
FUTY	Fidelity MSCI Utilities Index ETF	-0.46%
IYZ	iShares U.S. Telecommunications ETF	-0.46%

### Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
FBT	First Trust NYSE Arca Biotechnology Index Fund	36.75
IBB	iShares Biotechnology ETF	36.76
PBE	Invesco Dynamic Biotechnology & Genome ETF	38.51
ENFR	Alerian Energy Infrastructure ETF	38.94
PNQI	Invesco NASDAQ Internet ETF	42.78
XLC	Communication Services Select Sector SPDR Fund	43.27
VOX	Vanguard Communication Services ETF	44.67
FCOM	Fidelity MSCI Communication Services Index ETF	44.86
XHE	SPDR S&P Health Care Equipment ETF	44.90
XES	SPDR S&P Oil & Gas Equipment & Services ETF	44.91

\* 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
<b>Communication Services</b>	9	\$21B	\$60M	\$918M	\$2,018M	\$1,973M
<b>Consumer Discretionary</b>	13	\$38B	\$611M	\$1,096M	(\$169M)	\$3,587M
<b>Consumer Staples</b>	12	\$21B	(\$113M)	(\$1,003M)	\$889M	(\$3,224M)
<b>Energy</b>	34	\$56B	(\$709M)	\$310M	(\$39M)	\$10,476M
<b>Financials</b>	28	\$86B	(\$2M)	\$3,196M	\$1,456M	\$23,725M
<b>Health Care</b>	26	\$91B	\$121M	\$1,610M	\$3,457M	\$3,611M
<b>Industrial</b>	14	\$36B	\$261M	(\$2,025M)	(\$3,774M)	\$2,453M
<b>Materials</b>	10	\$17B	\$172M	(\$980M)	(\$781M)	\$4,911M
<b>Multi-Sector</b>	17	\$27B	\$189M	\$955M	\$815M	\$3,901M
<b>Real Estate</b>	22	\$79B	\$27M	\$4,443M	\$7,868M	\$13,069M
<b>Technology</b>	24	\$153B	(\$849M)	\$3,674M	\$4,960M	\$4,150M
<b>Utilities</b>	10	\$20B	(\$55M)	(\$644M)	\$421M	(\$168M)

## U.S. Sector & Industry Flow Leaders

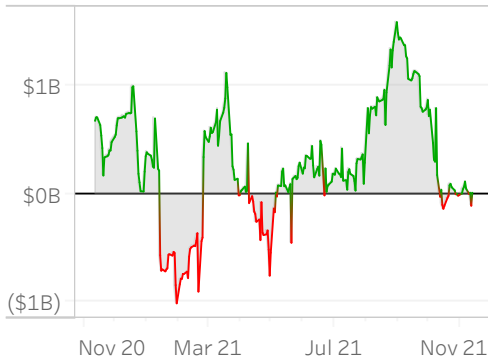
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$301M	\$1,221M	(\$142M)	\$1,047M	\$23,276M
XLI	Industrial Select Sector SPDR Fund	\$251M	(\$1,594M)	(\$2,573M)	\$93M	\$18,392M
XLF	Financial Select Sector SPDR Fund	\$215M	\$1,755M	(\$82M)	\$12,267M	\$45,448M
XRT	SPDR S&P Retail ETF	\$177M	(\$83M)	\$114M	\$190M	\$1,175M
PAVE	Global X U.S. Infrastructure Development ETF	\$177M	\$641M	\$1,425M	\$3,911M	\$5,261M
XLB	Materials Select Sector SPDR Fund	\$152M	(\$475M)	(\$500M)	\$2,321M	\$8,591M
XLV	Health Care Select Sector SPDR Fund	\$133M	\$799M	\$2,862M	\$2,978M	\$32,787M
VNQ	Vanguard Real Estate ETF	\$132M	\$1,276M	\$3,082M	\$6,411M	\$46,566M
VDC	Vanguard Consumer Staples ETF	\$86M	\$217M	\$295M	(\$117M)	\$6,167M
KBE	SPDR S&P Bank ETF	\$83M	\$80M	(\$683M)	\$394M	\$3,506M

## U.S. Sector & Industry Flow Laggards

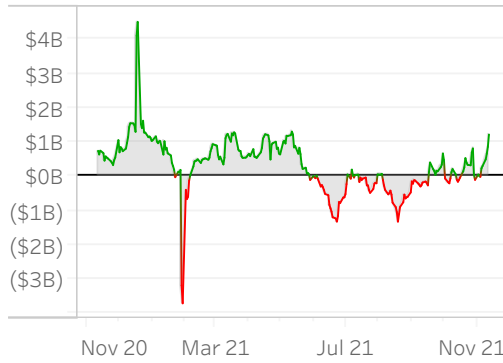
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	(\$424M)	\$473M	\$438M	\$7,006M	\$27,000M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$333M)	(\$574M)	(\$977M)	(\$437M)	\$3,842M
IGV	iShares Expanded Tech-Software Sector ETF	(\$265M)	\$436M	\$148M	(\$431M)	\$6,357M
XLK	Technology Select Sector SPDR Fund	(\$217M)	\$265M	\$682M	(\$1,092M)	\$47,969M
KRE	SPDR S&P Regional Banking ETF	(\$212M)	\$100M	(\$350M)	\$2,451M	\$5,454M
XLP	Consumer Staples Select Sector SPDR Fund	(\$191M)	(\$1,182M)	\$701M	(\$2,771M)	\$11,891M
XPH	SPDR S&P Pharmaceuticals ETF	(\$98M)	\$9M	(\$4M)	(\$12M)	\$254M
RYT	Invesco S&P 500 Equal Weight Technology ETF	(\$67M)	(\$61M)	(\$92M)	\$79M	\$2,918M
KBWB	Invesco KBW Bank ETF	(\$52M)	\$90M	\$430M	\$1,517M	\$3,432M
KIE	SPDR S&P Insurance ETF	(\$49M)	\$13M	\$12M	\$69M	\$503M

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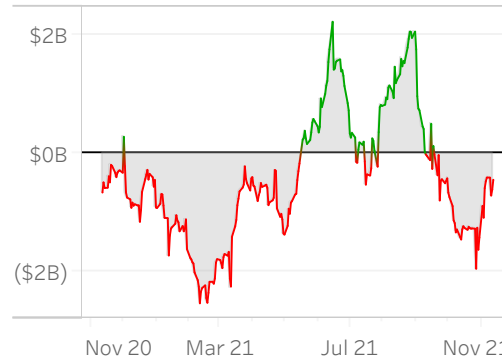
Communication Services



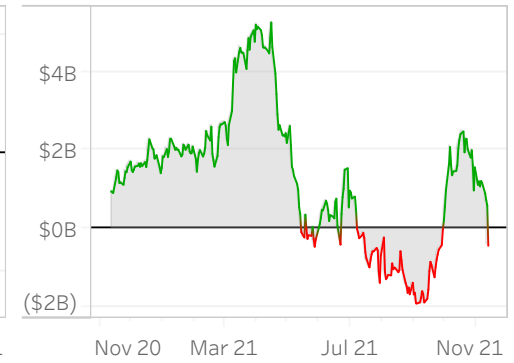
Consumer Discretionary



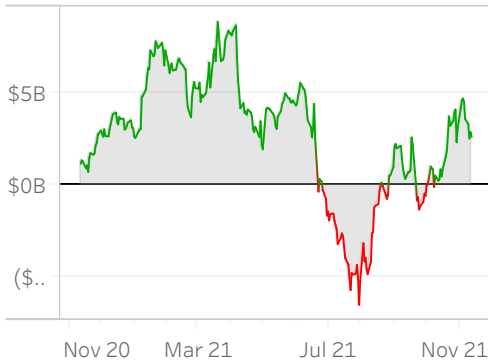
Consumer Staples



Energy



Financials



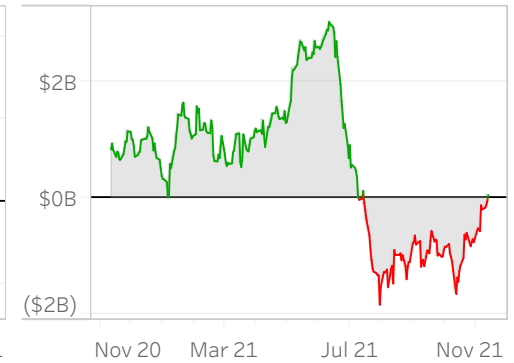
Industrial



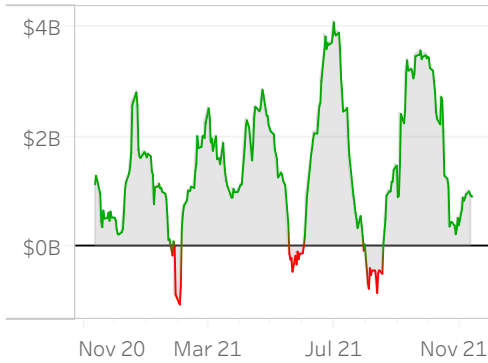
Health Care



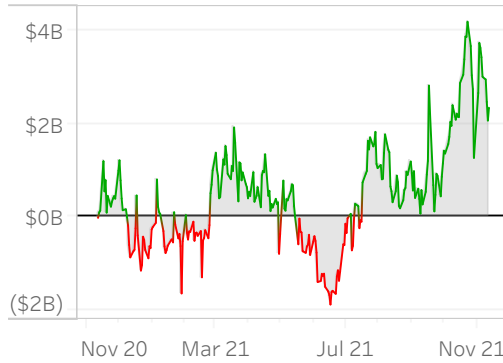
Materials



Real Estate



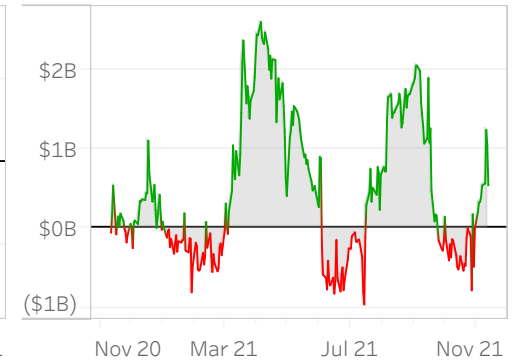
Technology



Utilities

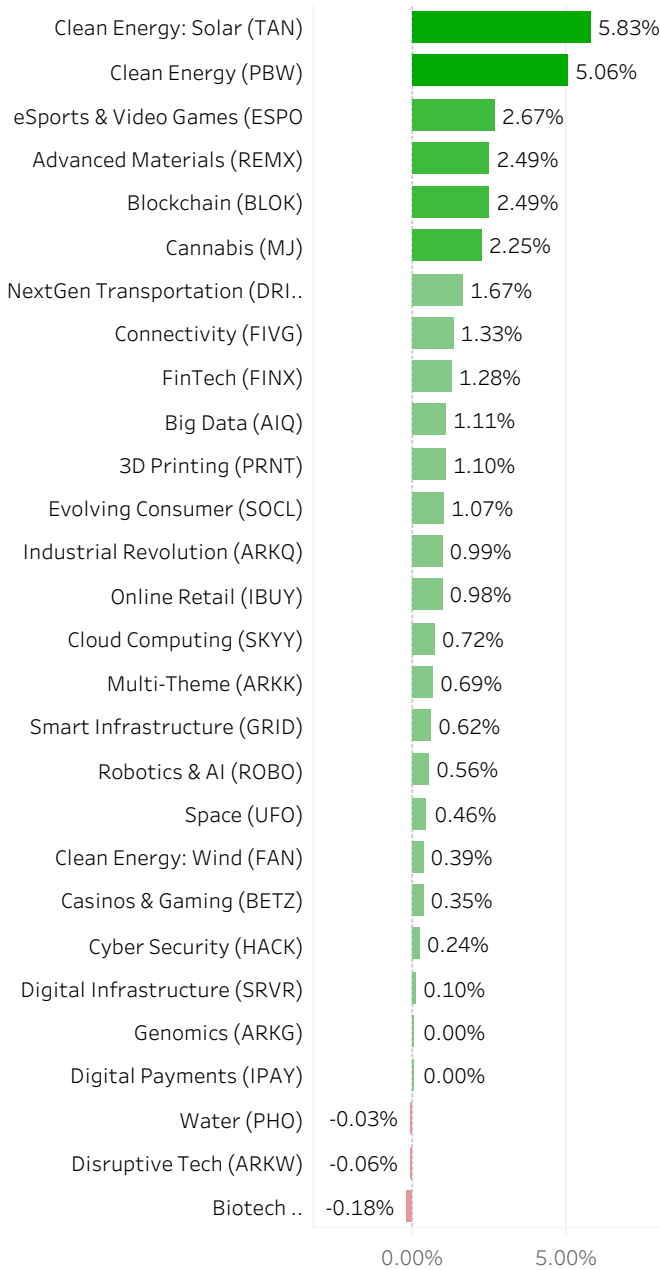


Multi-Sector

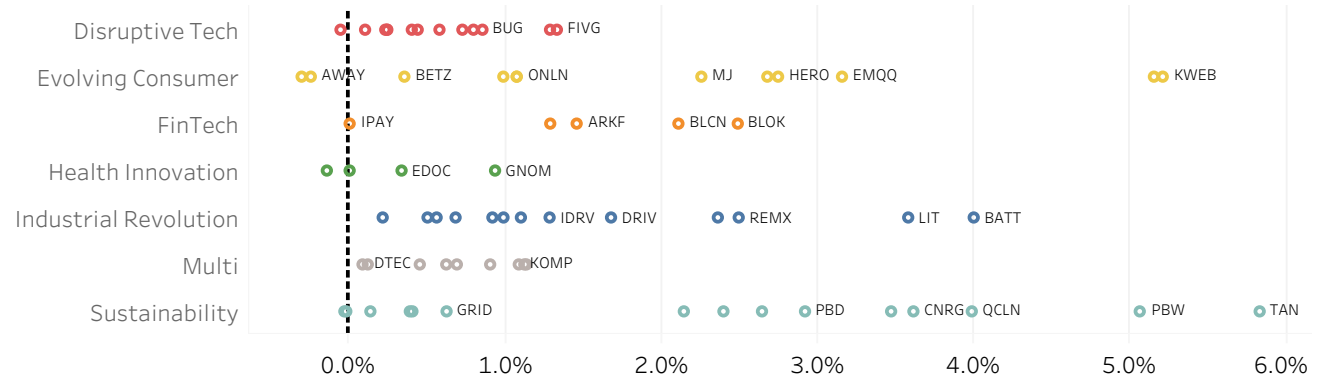


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## Global Thematic Segment 1-Day Performance



## Global Thematic 1-Day Performance Landscape



## Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
TAN	Invesco Solar ETF	5.83%
KGRN	KraneShares MSCI China Clean Technology Index ETF	5.37%
KWEB	KraneShares CSI China Internet ETF	5.21%
MSOS	AdvisorShares Pure US Cannabis ETF	5.15%
PBW	Invesco WilderHill Clean Energy ETF	5.06%
BKCH	Global X Blockchain ETF	4.04%
BATT	Amplify Lithium & Battery Technology ETF	4.00%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	3.98%
BITQ	Bitwise Crypto Industry Innovators ETF	3.84%
KEMQ	KraneShares Emerging Markets Consumer Technology In..	3.66%

## Thematic Most Overbought

Ticker	Fund	Value
HERO	Global X Video Games & Esports ETF	74.38
GAMR	Wedbush ETFMG Video Game Tech ETF	74.04
ESPO	VanEck Video Gaming and eSports ETF	73.67
FIW	First Trust Water ETF	71.66
FIVG	Defiance Next Gen Connectivity ETF	70.26
EBLU	Ecofin Global Water ESG Fund	69.77
NERD	Roundhill BITKRAFT Esports & Digital Entertainment ETF	69.44
BITQ	Bitwise Crypto Industry Innovators ETF	68.52
CGW	Invesco S&P Global Water Index ETF	68.48
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	68.35

## Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
PAWZ	ProShares Pet Care ETF	-0.31%
EVX	VanEck Environmental Services ETF	-0.29%
AWAY	ETFMG Travel Tech ETF	-0.25%
AGNG	Global X Aging Population ETF	-0.20%
SBIO	ALPS Medical Breakthroughs ETF	-0.18%
IDNA	iShares Genomics Immunology and Healthcare ETF Geno..	-0.15%
MILN	Global X Millennial Consumer ETF	-0.07%
ARKW	ARK Next Generation Internet ETF	-0.06%
PHO	Invesco Water Resources ETF	-0.03%
FIW	First Trust Water ETF	-0.02%

## Thematic Most Oversold

Ticker	Fund	Value
IPAY	ETFMG Prime Mobile Payments ETF	33.79
GERM	ETFMG Treatments Testing and Advancements ETF	35.77
BETZ	Roundhill Sports Betting & iGaming ETF	35.78
BJK	VanEck Gaming ETF	37.94
IDNA	iShares Genomics Immunology and Healthcare ETF Geno..	39.04
ARKG	ARK Genomic Revolution ETF	41.70
FAN	First Trust Global Wind Energy ETF	43.03
BTEC	Principal Healthcare Innovators ETF	44.06
HTEC	ROBO Global Healthcare Technology and Innovation ETF	44.70
ARKF	ARK Fintech Innovation ETF	44.87

\* 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
CLOU	Global X Cloud Computing ETF	\$375M
MSOS	AdvisorShares Pure US Cannabis ETF	\$204M
LIT	Global X Lithium & Battery Tech ETF	\$186M
BUG	Global X Cybersecurity ETF	\$185M
META	Roundhill Ball Metaverse ETF	\$157M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$78M
KWEB	KraneShares CSI China Internet ETF	\$77M
EDOC	Global X Telemedicine & Digital Health ETF	\$72M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$70M
DRIV	Global X Autonomous & Electric Vehicles ETF	\$58M

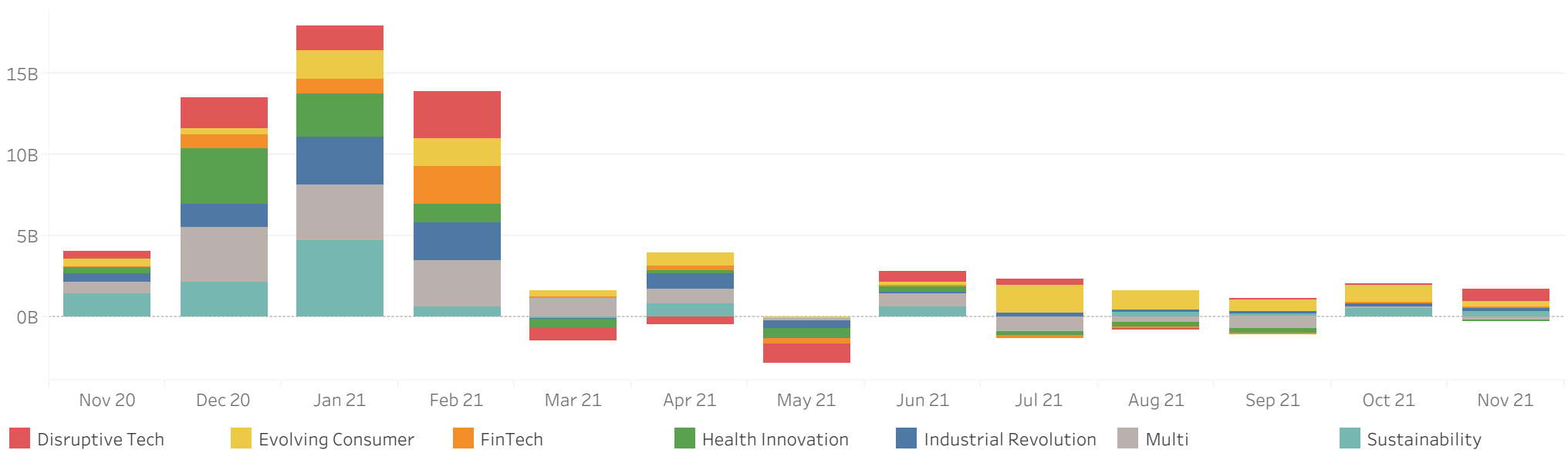
### Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$506M)
ARKG	ARK Genomic Revolution ETF	(\$139M)
ARKW	ARK Next Generation Internet ETF	(\$63M)
TAN	Invesco Solar ETF	(\$62M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$35M)
PBW	Invesco WilderHill Clean Energy ETF	(\$13M)
SOCL	Global X Social Media ETF	(\$9M)
BJK	VanEck Gaming ETF	(\$9M)
ARKF	ARK Fintech Innovation ETF	(\$8M)
MOON	Direxion Moonshot Innovators ETF	(\$4M)

### Thematic Landscape Assets & Flows

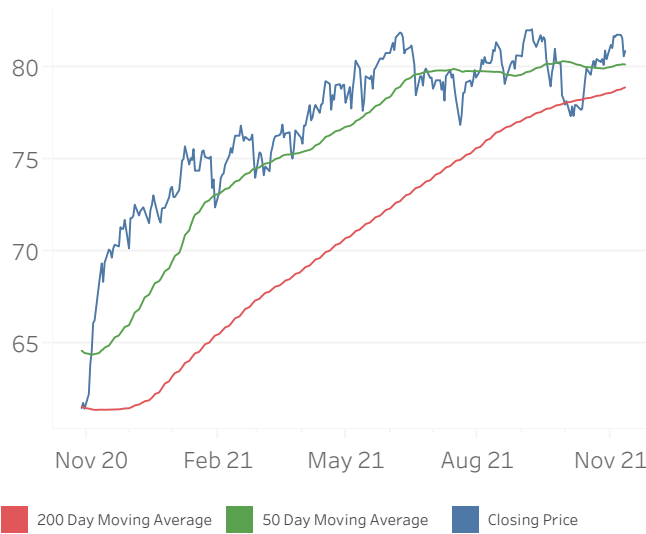
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	36	\$32B	\$567M	\$835M	\$1,397M	\$6,242M
Evolving Consumer	41	\$18B	\$286M	\$3,255M	\$5,278M	\$10,565M
FinTech	16	\$8B	\$53M	\$58M	(\$182M)	\$4,435M
Health Innovation	15	\$9B	(\$54M)	(\$473M)	(\$582M)	\$6,196M
Industrial Revolution	24	\$19B	\$173M	\$552M	\$697M	\$8,345M
Multi	28	\$30B	(\$52M)	(\$765M)	(\$1,075M)	\$11,086M
Sustainability	36	\$26B	\$78M	\$1,306M	\$2,285M	\$12,049M
<b>Grand Total</b>	<b>196</b>	<b>\$143B</b>	<b>\$1,050M</b>	<b>\$4,766M</b>	<b>\$7,820M</b>	<b>\$58,918M</b>

### Thematic Monthly Flows

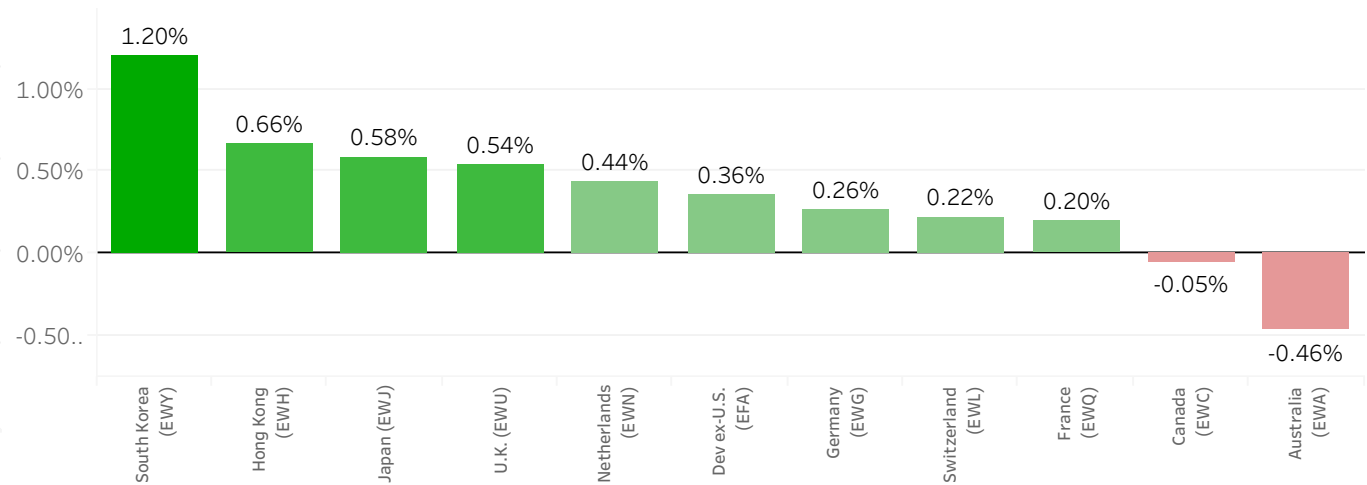


\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day

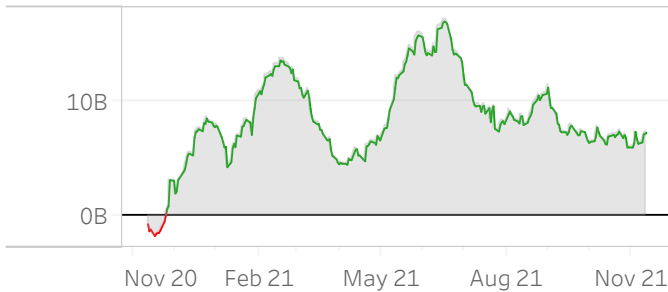
Developed ex-U.S. (EFA)



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



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



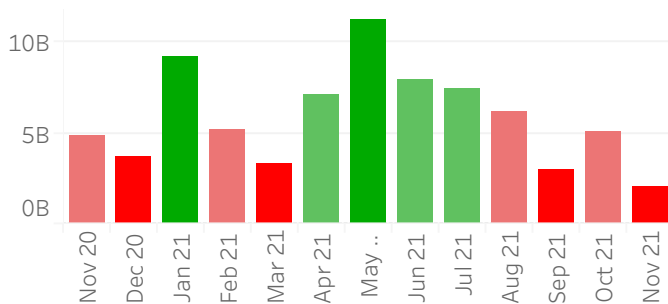
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
AIA	iShares Asia 50 ETF	1.76%
ISRA	VanEck Israel ETF	1.64%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	1.60%
IMOM	Alpha Architect International Quantitative Momentum ETF	1.27%
EWY	iShares MSCI South Korea ETF	1.20%
PIZ	Invesco DWA Developed Markets Momentum ETF	1.19%
EIS	iShares MSCI Israel ETF	1.18%
IHDG	WisdomTree International Hedged Quality Dividend Growth ..	1.18%
EWO	iShares MSCI Austria ETF	1.17%
EDEN	iShares MSCI Denmark ETF	1.15%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
HEDJ	WisdomTree Europe Hedged Equity Fund	73.72
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	73.37
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	70.16
HEZU	iShares Currency Hedged MSCI Eurozone ETF	68.48
EIS	iShares MSCI Israel ETF	68.38
HEFA	iShares Currency Hedged MSCI EAFE ETF	66.89
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	65.73
ISRA	VanEck Israel ETF	64.89
HEWG	iShares Currency Hedged MSCI Germany ETF	64.48
TOK	iShares MSCI Kokusai ETF	63.81

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EIRL	iShares MSCI Ireland ETF	-1.00%
ENZL	iShares MSCI New Zealand ETF	-0.61%
FSZ	First Trust Switzerland AlphaDEX Fund	-0.54%
EWP	iShares MSCI Spain ETF	-0.50%
EWA	iShares MSCI Australia ETF	-0.46%
BBCA	JPMorgan BetaBuilders Canada ETF	-0.32%
IDLV	Invesco S&P International Developed Low Volatility ETF	-0.25%
BBAX	JPMorgan BetaBuilders Developed Asia ex-Japan ETF	-0.20%
FIDI	Fidelity International High Dividend ETF	-0.18%
WPS	iShares International Developed Property ETF	-0.16%

Developed ex-U.S. Most Oversold

Ticker	Fund	Value
DFJ	WisdomTree Japan SmallCap Dividend Fund	36.28
EIRL	iShares MSCI Ireland ETF	38.29
ENZL	iShares MSCI New Zealand ETF	40.96
SCJ	iShares MSCI Japan Small-Cap ETF	41.34
EWJV	iShares MSCI Japan Value ETF	41.71
DLS	WisdomTree International SmallCap Dividend Fund	42.21
FLKR	Franklin FTSE South Korea ETF	42.76
EWY	iShares MSCI South Korea ETF	42.95
IVAL	Alpha Architect International Quantitative Value ETF	43.71
EWA	iShares MSCI Australia ETF	43.81

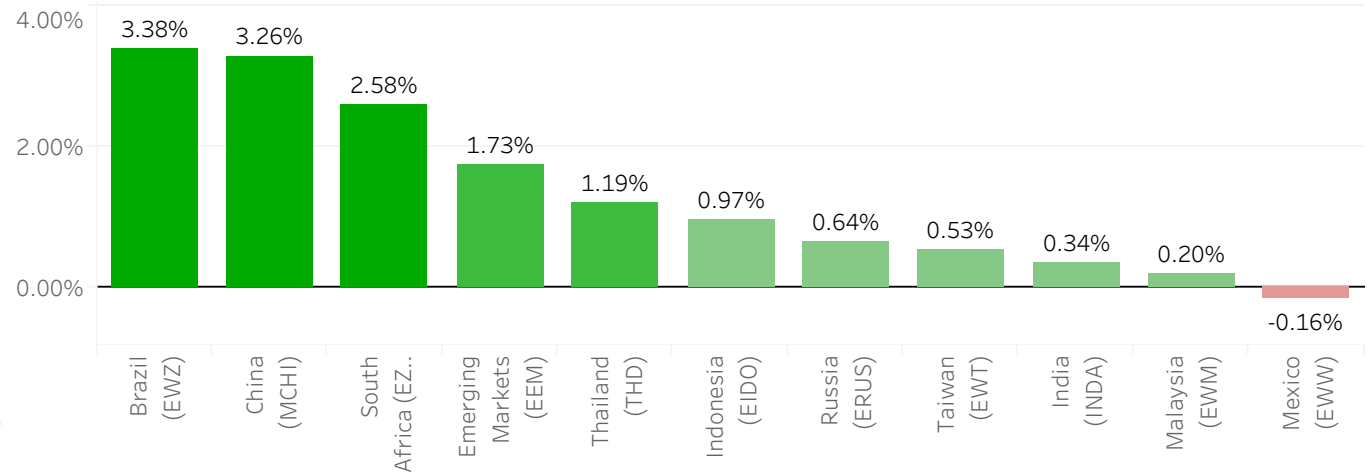
\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



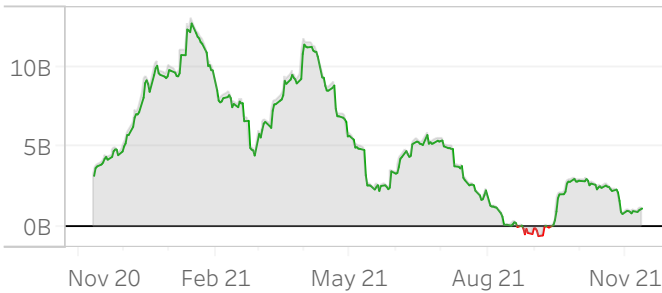
Emerging (EEM)



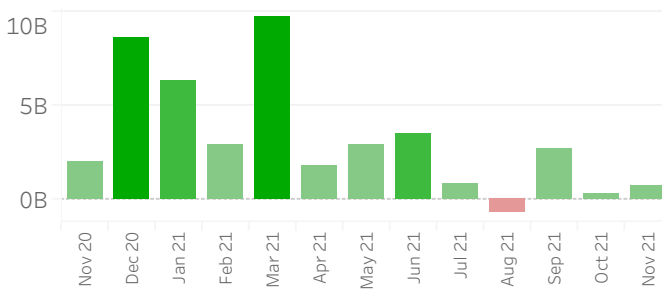
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
PGJ	Invesco Golden Dragon China ETF	5.23%
FXI	iShares China Large-Cap ETF	3.97%
ECNS	iShares MSCI China Small-Cap ETF	3.75%
EWZ	iShares MSCI Brazil ETF	3.38%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	3.36%
MCHI	iShares MSCI China ETF	3.26%
GXC	SPDR S&P China ETF	3.15%
EWZS	iShares MSCI Brazil Small-Cap ETF	3.10%
FLBR	Franklin FTSE Brazil ETF	3.04%
FLCH	Franklin FTSE China ETF	3.03%

Emerging Most Overbought

Ticker	Fund	Value
FM	iShares MSCI Frontier and Select EM ETF	70.37
QAT	iShares MSCI Qatar ETF	68.98
VNM	VanEck Vietnam ETF	68.63
EPHE	iShares MSCI Philippines ETF	67.76
ECH	iShares MSCI Chile ETF	67.33
EWX	SPDR S&P Emerging Markets Small Cap ETF	63.91
KSA	iShares MSCI Saudi Arabia ETF	63.56
PIE	Invesco DWA Emerging Markets Momentum ETF	62.59
EWT	iShares MSCI Taiwan ETF	62.29
THD	iShares MSCI Thailand ETF	61.09

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
TUR	iShares MSCI Turkey ETF	-0.45%
EWZ	iShares MSCI Mexico ETF	-0.16%
EPOL	iShares MSCI Poland ETF	0.04%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	0.05%
EPHE	iShares MSCI Philippines ETF	0.09%
GLIN	VanEck India Growth Leaders ETF	0.17%
EWM	iShares MSCI Malaysia ETF	0.20%
INDY	iShares India 50 ETF	0.21%
EPI	WisdomTree India Earnings Fund	0.34%
INDA	iShares MSCI India ETF	0.34%

Emerging Most Oversold

Ticker	Fund	Value
EWM	iShares MSCI Malaysia ETF	35.83
EPOL	iShares MSCI Poland ETF	39.59
EWZ	iShares MSCI Mexico ETF	45.57
FEM	First Trust Emerging Markets AlphaDEX Fund	46.16
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	47.77
ERUS	iShares MSCI Russia ETF	48.71
ILF	iShares Latin America 40 ETF	49.05
UEVM	VictoryShares USAA MSCI Emerging Markets Value ..	49.54
MFEM	PIMCO RAFI Dynamic Multi-Factor Emerging Market..	50.22
DEM	WisdomTree Emerging Markets High Dividend Fund	50.48

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

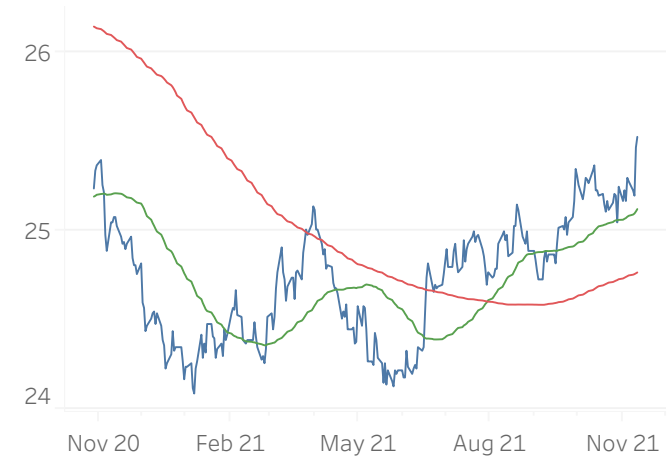
### Fixed Income (AGG)



### 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	-0.18%	0.50%	-1.78%
SHY	1-3 Year Treasury Bonds	-0.07%	-0.31%	-0.60%
IEF	7-10 Year Treasury Bonds	-0.32%	0.27%	-4.01%
TLT	20+ Year Treasury Bonds	-0.15%	4.70%	-4.96%
TIP	TIPS Bonds	-0.02%	2.24%	5.88%
FLOT	Floating Rate Bonds	-0.02%	-0.01%	0.48%
LQD	Investment Grade Corporate	-0.28%	1.39%	-1.77%
HYG	High Yield Corporate	-0.17%	0.70%	2.83%
BKLN	Senior Loan	0.23%	0.35%	2.12%
PFF	Preferred & Income Securities	0.00%	1.50%	4.99%
MUB	Municipal Bonds	-0.08%	0.59%	0.64%
MBB	MBS	-0.02%	-0.18%	-1.34%
EMB	Dollar Denominated EM Bonds	0.00%	1.02%	-2.67%
LEMB	Local Currency EM Bond	-0.04%	-0.39%	-7.52%

### Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	1.18%	0.20%	37.03%
DBE	Energy	0.17%	-0.39%	65.87%
USO	WTI Crude Oil	-0.18%	0.07%	70.31%
BNO	Brent Crude Oil	-0.14%	-0.45%	70.19%
UNG	Natural Gas	4.52%	-8.25%	86.09%
UGA	Gasoline	0.46%	-0.48%	70.55%
DBP	Precious Metals	0.93%	7.38%	-3.95%
GLD	Gold	0.56%	6.22%	-2.38%
SLV	Silver	2.10%	11.83%	-4.97%
PPLT	Platinum	1.79%	7.95%	0.74%
PALL	Palladium	2.42%	-2.27%	-16.15%
DBB	Base Metals	1.88%	-4.17%	22.54%
CPER	Copper	2.51%	0.98%	23.83%
LD	Lead	1.50%	8.04%	20.90%
JJN	Nickel	1.32%	3.33%	17.59%
JJU	Aluminum	3.96%	-12.65%	31.83%
JJT	Tin	2.45%	4.57%	112.84%
DBA	Agriculture	0.56%	1.29%	21.44%
CORN	Corn	-0.37%	4.98%	36.59%
SOYB	Soybeans	0.07%	-1.27%	9.68%
WEAT	Wheat	1.15%	10.17%	27.79%
CANE	Sugar	2.42%	0.52%	44.15%
BAL	Cotton	0.21%	8.25%	45.59%
NIB	Cocoa	1.13%	-8.44%	-6.62%
JO	Coffee	1.83%	3.06%	54.80%

### Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.24%	0.75%	5.32%
UDN	Short Dollar	-0.39%	-0.95%	-6.34%
FXE	Euro	-0.26%	-0.98%	-7.11%
FXB	British Pound Sterling	-0.33%	-1.70%	-2.62%
FXF	Swiss Franc	-0.32%	0.55%	-4.95%
FXJ	Japanese Yen	-0.13%	-0.66%	-9.97%
FXC	Canadian Dollar	-0.74%	-0.83%	0.71%
FXA	Australian Dollar	-0.51%	-0.81%	-5.79%

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

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