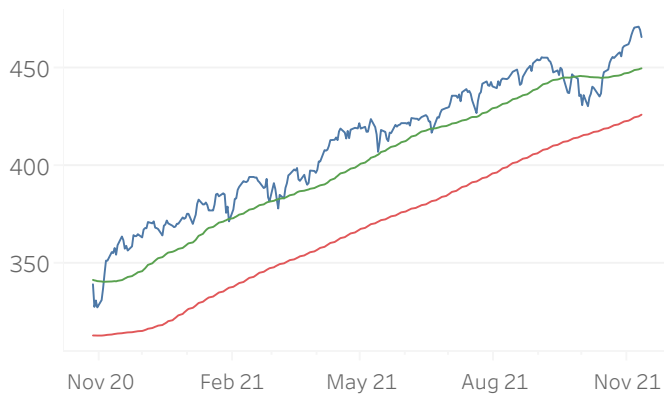


### Large Cap Blend (S&P 500) IVV



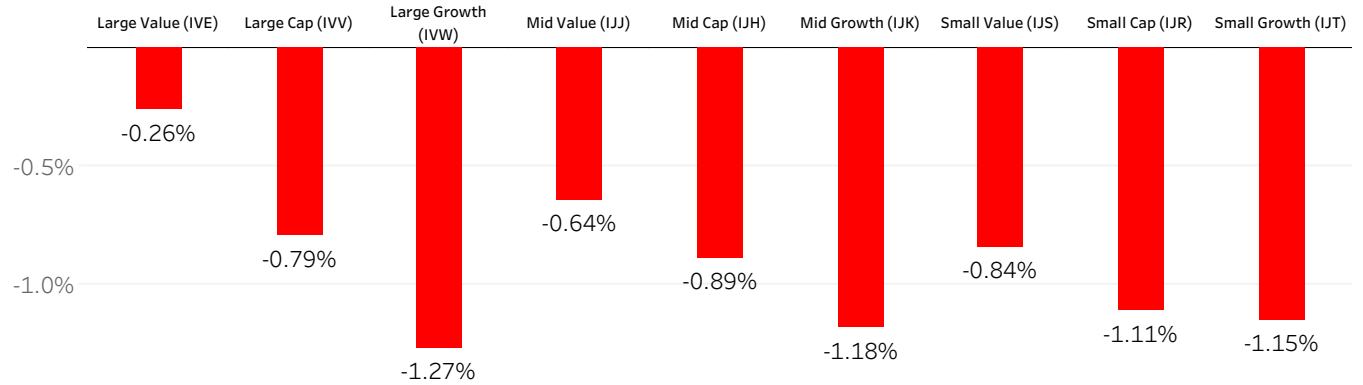
### Mid Cap Blend (S&P 400) IJH



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



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



### Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
RDIV	Invesco S&P Ultra Dividend Revenue ETF	0.67%
ABEQ	Absolute Core Strategy ETF	0.49%
WBIY	WBI Power Factor High Dividend ETF	0.48%
LVHD	Legg Mason Low Volatility High Dividend ETF	0.48%
DHS	WisdomTree U.S. High Dividend Fund	0.45%
FDL	First Trust Morningstar Dividend Leaders Index Fund	0.44%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	0.44%
CDL	VictoryShares US Large Cap High Dividend Volatility Wt..	0.42%
SPLV	Invesco S&P 500 Low Volatility ETF	0.39%
HUSV	First Trust Horizon Managed Volatility Domestic ETF	0.38%

### Size & Style Most Overbought

Ticker	Fund	Price
XSLV	Invesco S&P SmallCap Low Volatility ETF	76.10
ALTL	Pacer Lunt Large Cap Alternator ETF	71.32
TPSC	Timothy Plan US Small Cap Core ETF	70.20
NOBL	ProShares S&P 500 Dividend Aristocrats ETF	70.15
KLCD	KFA Large Cap Quality Dividend Index ETF	69.90
DGRW	WisdomTree US Quality Dividend Growth Fund	69.78
FTCS	First Trust Capital Strength ETF	69.68
USSG	Xtrackers MSCI USA ESG Leaders Equity ETF	69.39
EES	WisdomTree U.S. SmallCap Fund	69.36
PFM	Invesco Dividend Achievers ETF	69.32

### Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
FFTY	Innovator IBD 50 ETF	-4.34%
BUZZ	VanEck Social Sentiment ETF	-3.54%
FPX	First Trust US Equity Opportunities ETF	-3.24%
IPO	Renaissance IPO ETF	-2.98%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	-2.84%
PDP	Invesco DWA Momentum ETF	-2.59%
MFMS	Motley Fool Small-Cap Growth ETF	-2.50%
SPHB	Invesco S&P 500 High Beta ETF	-2.40%
DWAS	Invesco DWA SmallCap Momentum ETF	-2.31%
QQH	HCM Defender 100 Index ETF	-2.16%

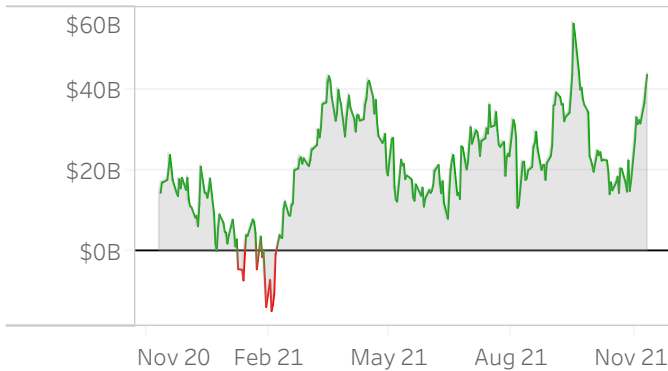
### Size & Style Most Oversold

Ticker	Fund	Price
IPO	Renaissance IPO ETF	43.56
MFMS	Motley Fool Small-Cap Growth ETF	45.09
GURU	Global X Guru Index ETF	46.00
CSD	Invesco S&P Spin-Off ETF	46.99
BUZZ	VanEck Social Sentiment ETF	47.65
FFTY	Innovator IBD 50 ETF	48.42
QQXT	First Trust Nasdaq-100 Ex-Technology Sector Index ..	49.86
SHE	SPDR SSGA Gender Diversity Index ETF	50.51
MMLG	First Trust Multi-Manager Large Growth ETF	51.71
FPX	First Trust US Equity Opportunities ETF	52.20

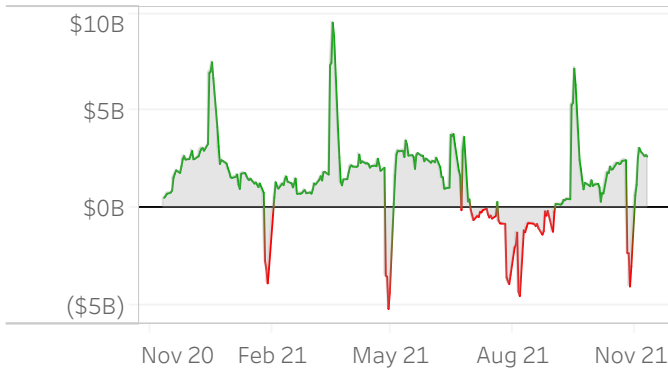
■ Closing Price    
 ■ 50 Day Moving Average    
 ■ 200 Day Moving Average

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

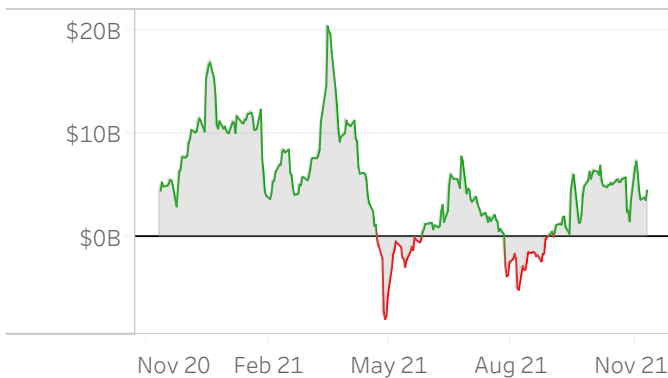
### Large-Cap 30-Day Rolling Flows



### 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	\$1,371B	\$3.24B	\$56.00B	\$81.72B	\$102.36B
Small Cap, Beta, Beta	12	\$239B	\$1.93B	\$8.46B	\$10.42B	\$26.19B
Large Cap, Beta Growth, Beta: Growth	10	\$278B	\$0.24B	\$3.20B	\$10.10B	\$5.45B
Large Cap, Beta Growth, Beta: Value	11	\$211B	\$0.22B	\$5.95B	\$11.30B	\$33.34B
Small Cap, Beta, Beta: Value	7	\$61B	\$0.06B	\$0.88B	\$0.34B	\$8.69B
Mid Cap, Beta, Beta	10	\$200B	\$0.04B	\$3.05B	\$2.63B	\$9.51B
Mid Cap, Beta, Beta: Growth	6	\$43B	\$0.03B	\$0.51B	\$0.02B	(\$2.17B)
Small Cap, Beta, Beta: Growth	7	\$41B	(\$0.13B)	(\$0.01B)	\$0.17B	\$0.93B
Mid Cap, Beta, Beta: Value	6	\$43B	(\$0.17B)	\$0.58B	\$0.91B	\$4.69B

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

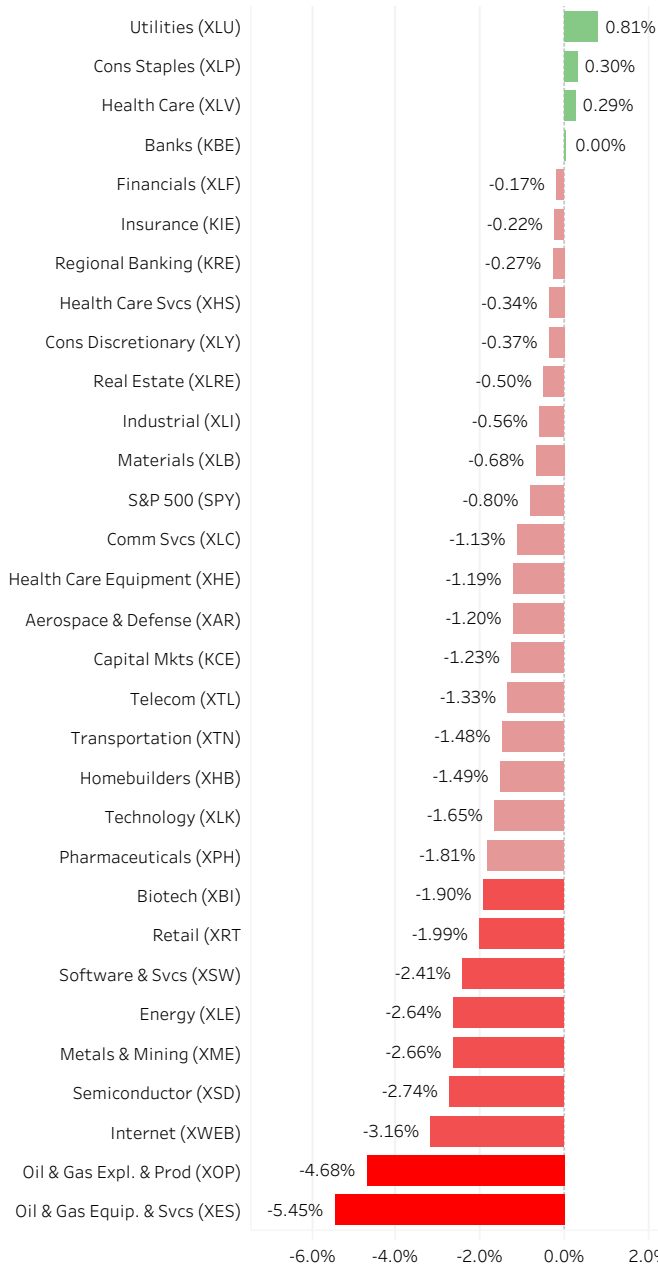
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
EQRR	ProShares Equities for Rising Rates ETF	\$1.75B	\$1.76B	\$1.76B	\$1.76B	\$1.47B
QQQ	Invesco QQQ Trust	\$1.48B	\$10.53B	\$17.42B	\$17.89B	\$207.70B
IWM	iShares Russell 2000 ETF	\$1.25B	\$3.72B	\$3.68B	\$6.86B	\$75.62B
VOO	Vanguard S&P 500 ETF	\$0.87B	\$12.77B	\$24.88B	\$42.72B	\$274.74B
VTI	Vanguard Total Stock Market ETF	\$0.70B	\$10.58B	\$21.14B	\$44.56B	\$290.96B
IVV	iShares Core S&P 500 ETF	\$0.54B	\$9.03B	\$11.55B	\$20.16B	\$323.61B
IJR	iShares Core S&P Small Cap ETF	\$0.35B	\$2.00B	\$1.29B	\$5.23B	\$76.60B
USMV	iShares MSCI USA Min Vol Factor ETF	\$0.22B	\$0.38B	(\$1.48B)	(\$9.37B)	\$29.38B
SPY	SPDR S&P 500 ETF Trust	\$0.18B	\$19.62B	\$19.84B	\$8.06B	\$427.45B
IJH	iShares Core S&P Mid-Cap ETF	\$0.17B	\$0.97B	\$0.05B	\$1.60B	\$68.99B

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

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.31B)	(\$1.65B)	(\$2.00B)	(\$0.95B)	\$30.01B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.23B)	(\$0.50B)	(\$1.07B)	(\$0.27B)	\$22.07B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.22B)	\$1.23B	\$0.83B	\$1.21B	\$17.02B
IJJ	iShares S&P Mid-Cap 400 Value ETF	(\$0.19B)	\$0.18B	\$0.11B	\$1.94B	\$9.43B
VBK	Vanguard Small-Cap Growth ETF	(\$0.17B)	\$0.21B	\$0.44B	\$1.18B	\$17.33B
SPYV	SPDR Portfolio S&P 500 Value ETF	(\$0.12B)	\$0.66B	\$0.82B	\$4.68B	\$13.34B
IWF	iShares Russell 1000 Growth ETF	(\$0.09B)	(\$0.08B)	\$0.62B	(\$1.99B)	\$78.83B
IWN	iShares Russell 2000 Value ETF	(\$0.08B)	\$0.20B	(\$0.87B)	\$2.03B	\$17.06B
SCHG	Schwab U.S. Large-Cap Growth ETF	(\$0.06B)	\$0.24B	\$0.34B	\$0.37B	\$17.58B
IWP	iShares Russell Mid-Cap Growth ETF	(\$0.05B)	(\$0.07B)	(\$0.36B)	(\$1.28B)	\$17.12B

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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)
XLP	Consumer Staples Select Sector SPDR Fund	-0.15%	15.15%	2.52%	4.55%	66.31
XLI	Industrial Select Sector SPDR Fund	-0.56%	25.63%	3.99%	5.60%	65.60
XLB	Materials Select Sector SPDR Fund	-0.68%	26.74%	6.12%	7.83%	70.25
SPY	SPDR S&P 500 ETF Trust	-1.13%	28.05%	3.59%	9.23%	64.09
XLRE	Real Estate Select Sector SPDR Fund	-1.19%	37.34%	2.80%	10.16%	59.40
XLF	Financial Select Sector SPDR Fund	-1.65%	43.29%	2.89%	9.16%	53.85
XLK	Technology Select Sector SPDR Fund	-2.05%	35.14%	4.74%	12.77%	63.08
XLV	Health Care Select Sector SPDR Fund	-2.42%	23.15%	1.78%	6.59%	57.70
XLE	Energy Select Sector SPDR Fund	-2.82%	56.34%	6.51%	12.07%	53.85
XLY	Consumer Discretionary Select Sector SPDR Fund	-3.60%	30.69%	7.59%	14.49%	62.59
XLU	Utilities Select Sector SPDR Fund	-4.24%	14.98%	0.96%	2.80%	54.66
XLC	Communication Services Select Sector SPDR Fund	-6.78%	23.26%	-1.84%	1.59%	44.35

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
<b>RYU</b>	Invesco S&P 500 Equal Weight Utilities ETF	0.92%
<b>IDU</b>	iShares U.S. Utilities ETF	0.86%
<b>FXU</b>	First Trust Utilities AlphaDEX Fund	0.85%
<b>XLU</b>	Utilities Select Sector SPDR Fund	0.81%
<b>IHE</b>	iShares U.S. Pharmaceuticals ETF	0.80%
<b>VPU</b>	Vanguard Utilities ETF	0.78%
<b>FUTY</b>	Fidelity MSCI Utilities Index ETF	0.72%
<b>PJP</b>	Invesco Dynamic Pharmaceuticals ETF	0.55%
<b>REZ</b>	iShares Residential and Multisector Real Estate E..	0.49%
<b>IYK</b>	iShares U.S. Consumer Staples ETF	0.48%

### Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
<b>INDS</b>	Pacer Benchmark Industrial Real Estate SCTR ETF	76.31
<b>PSCI</b>	Invesco S&P SmallCap Industrials ETF	75.27
<b>AIRR</b>	First Trust RBA American Industrial Renaissance ETF	73.83
<b>PRN</b>	Invesco DWA Industrials Momentum ETF	71.24
<b>XLB</b>	Materials Select Sector SPDR Fund	70.25
<b>FMAT</b>	Fidelity MSCI Materials Index ETF	69.03
<b>PSI</b>	Invesco Dynamic Semiconductors ETF	68.79
<b>VAW</b>	Vanguard Materials ETF	68.56
<b>IYT</b>	iShares US Transportation ETF	68.55
<b>IHE</b>	iShares U.S. Pharmaceuticals ETF	68.36

### Sector & Industry 1 Day Performance Laggards

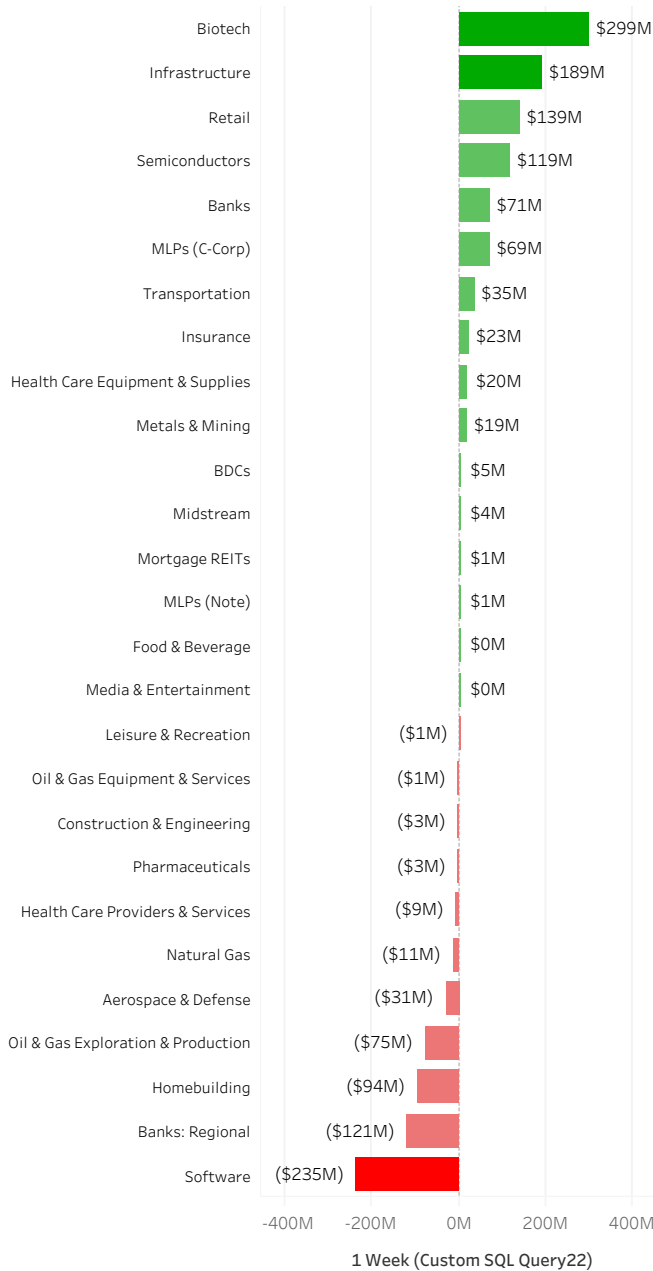
Ticker	Fund	1 Day Performance
<b>XES</b>	SPDR S&P Oil & Gas Equipment & Services ETF	-5.45%
<b>IEZ</b>	iShares U.S. Oil Equipment & Services ETF	-4.97%
<b>PSCE</b>	Invesco S&P SmallCap Energy ETF	-4.88%
<b>FCG</b>	First Trust Natural Gas ETF	-4.78%
<b>XOP</b>	SPDR S&P Oil & Gas Exploration & Production ETF	-4.68%
<b>PXI</b>	Invesco DWA Energy Momentum ETF	-4.67%
<b>PTF</b>	Invesco DWA Technology Momentum ETF	-4.27%
<b>FTXN</b>	First Trust Nasdaq Oil & Gas ETF	-4.20%
<b>PXE</b>	Invesco Dynamic Energy Exploration & Production ETF	-4.04%
<b>IEO</b>	iShares U.S. Oil & Gas Exploration & Production ETF	-3.74%

### Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
<b>PBE</b>	Invesco Dynamic Biotechnology & Genome ETF	36.83
<b>IBB</b>	iShares Biotechnology ETF	36.90
<b>ENFR</b>	Alerian Energy Infrastructure ETF	37.16
<b>FBT</b>	First Trust NYSE Arca Biotechnology Index Fund	37.87
<b>PNQI</b>	Invesco NASDAQ Internet ETF	41.65
<b>AMLP</b>	Alerian MLP ETF	43.79
<b>MLPX</b>	Global X MLP & Energy Infrastructure ETF	43.99
<b>XLC</b>	Communication Services Select Sector SPDR Fund	44.35
<b>IEZ</b>	iShares U.S. Oil Equipment & Services ETF	44.98
<b>XES</b>	SPDR S&P Oil & Gas Equipment & Services ETF	45.27

\* 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	\$22B	(\$21M)	\$895M	\$2,045M	\$2,009M
Consumer Discretionary	13	\$38B	\$618M	\$984M	(\$220M)	\$3,539M
Consumer Staples	12	\$20B	(\$156M)	(\$1,496M)	\$879M	(\$3,178M)
Energy	34	\$58B	(\$51M)	\$888M	\$87M	\$11,135M
Financials	28	\$86B	(\$225M)	\$4,432M	\$1,415M	\$24,031M
Health Care	26	\$91B	\$528M	\$1,393M	\$4,133M	\$3,856M
Industrial	14	\$37B	\$554M	(\$1,522M)	(\$3,976M)	\$2,591M
Materials	10	\$17B	\$85M	(\$744M)	(\$619M)	\$5,004M
Multi-Sector	17	\$27B	\$96M	\$1,111M	\$843M	\$3,926M
Real Estate	22	\$79B	\$48M	\$4,582M	\$7,838M	\$13,127M
Technology	24	\$156B	(\$603M)	\$3,811M	\$5,281M	\$4,880M
Utilities	10	\$20B	\$560M	(\$256M)	\$849M	\$544M

## U.S. Sector & Industry Flow Leaders

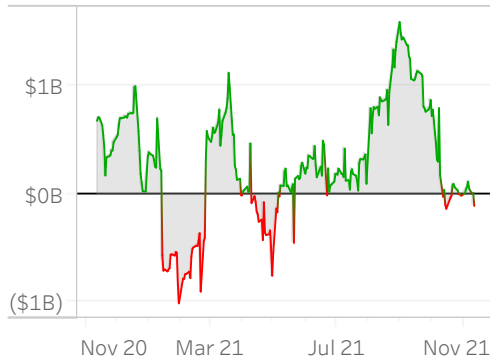
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLU	Utilities Select Sector SPDR Fund	\$557M	(\$398M)	\$508M	\$283M	\$12,667M
XLI	Industrial Select Sector SPDR Fund	\$489M	(\$1,160M)	(\$2,798M)	\$247M	\$18,655M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$353M	\$1,206M	(\$59M)	\$1,024M	\$23,399M
XLV	Health Care Select Sector SPDR Fund	\$227M	\$383M	\$3,149M	\$3,018M	\$32,674M
XBI	SPDR S&P BIOTECH ETF	\$188M	\$804M	\$678M	\$1,090M	\$7,832M
PAVE	Global X U.S. Infrastructure Development ETF	\$178M	\$692M	\$1,432M	\$3,925M	\$5,313M
XRT	SPDR S&P Retail ETF	\$137M	(\$119M)	\$41M	\$196M	\$1,162M
IBB	iShares Biotechnology ETF	\$127M	(\$439M)	(\$185M)	(\$609M)	\$10,061M
VNQ	Vanguard Real Estate ETF	\$99M	\$1,220M	\$2,964M	\$6,371M	\$46,688M
VDC	Vanguard Consumer Staples ETF	\$90M	\$222M	\$295M	(\$121M)	\$6,157M

## U.S. Sector & Industry Flow Laggards

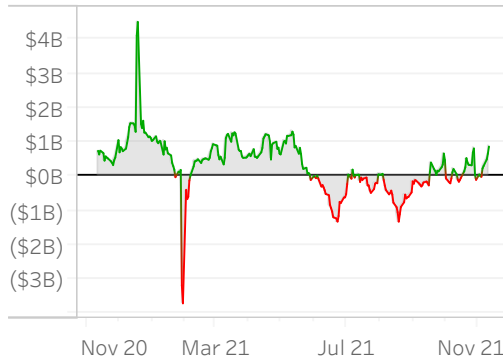
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLK	Technology Select Sector SPDR Fund	(\$566M)	\$204M	\$513M	(\$922M)	\$48,784M
XLF	Financial Select Sector SPDR Fund	(\$267M)	\$2,243M	(\$314M)	\$12,350M	\$45,493M
XLP	Consumer Staples Select Sector SPDR Fund	(\$246M)	(\$1,687M)	\$683M	(\$2,734M)	\$11,742M
IGV	iShares Expanded Tech-Software Sector ETF	(\$222M)	\$541M	\$213M	(\$366M)	\$6,606M
KRE	SPDR S&P Regional Banking ETF	(\$112M)	\$375M	(\$249M)	\$2,466M	\$5,529M
ITB	iShares U.S. Home Construction ETF	(\$102M)	\$165M	(\$338M)	(\$242M)	\$2,761M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$62M)	(\$345M)	(\$765M)	(\$222M)	\$4,254M
XLE	Energy Select Sector SPDR Fund	(\$45M)	\$860M	\$359M	\$7,457M	\$28,167M
XLC	Communication Services Select Sector SPDR Fu..	(\$41M)	\$800M	\$1,136M	\$909M	\$15,238M
IYR	iShares U.S. Real Estate ETF	(\$22M)	\$1,720M	\$1,553M	\$1,485M	\$7,360M

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Communication Services



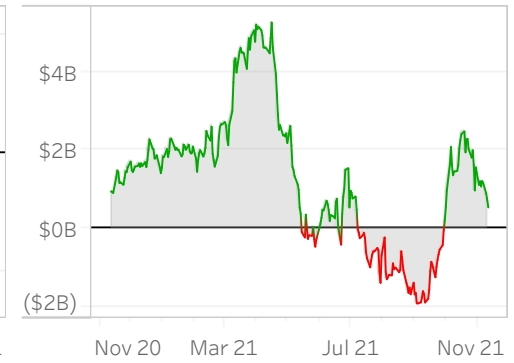
Consumer Discretionary



Consumer Staples



Energy



Financials



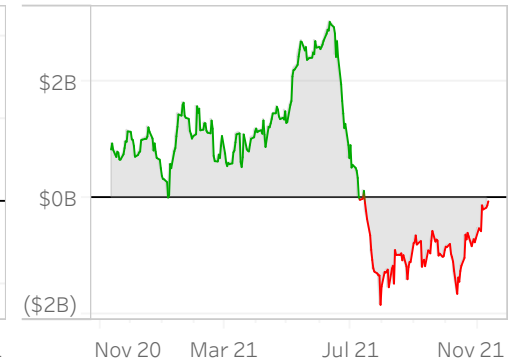
Industrial



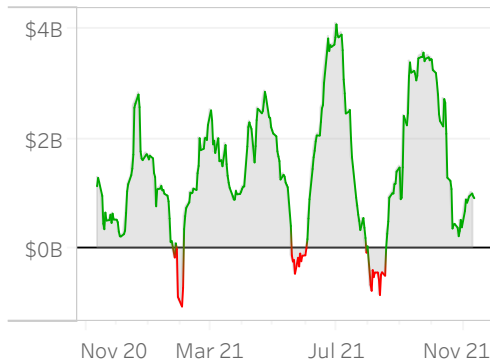
Health Care



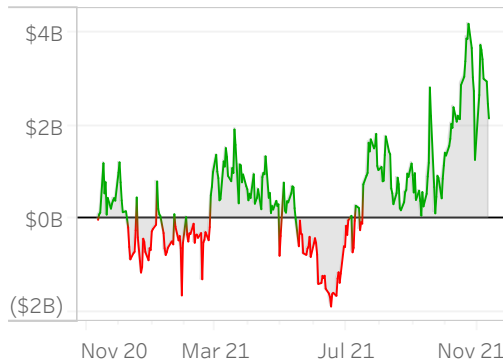
Materials



Real Estate



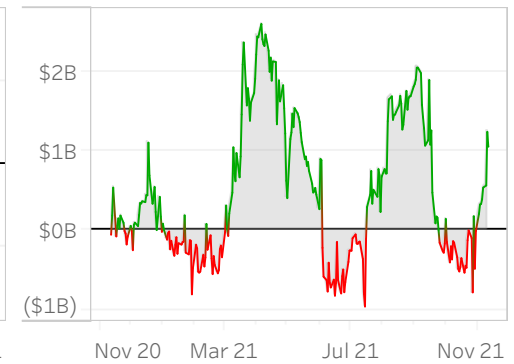
Technology



Utilities

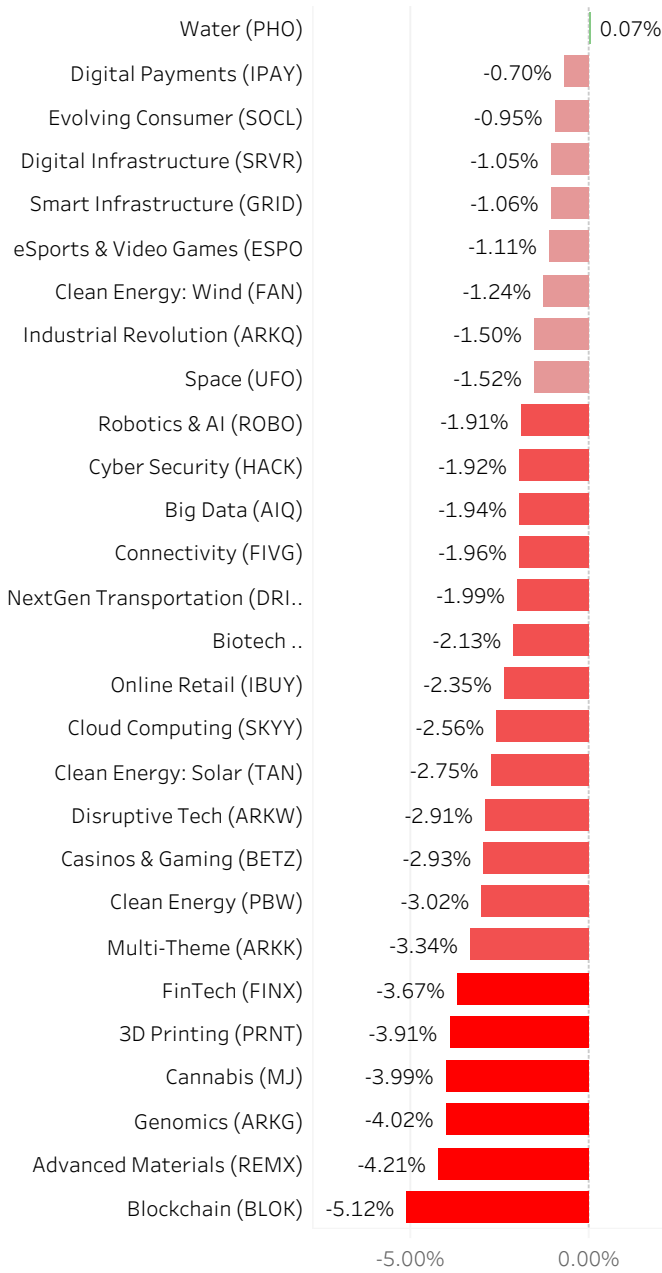


Multi-Sector

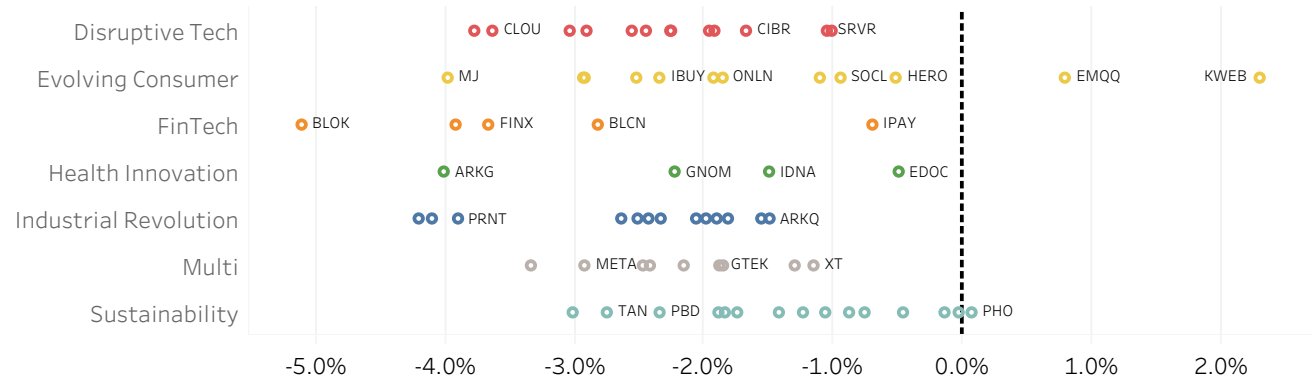


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## Global Thematic Segment 1-Day Performance



## Global Thematic 1-Day Performance Landscape



### Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
KWEB	KraneShares CSI China Internet ETF	2.30%
EMQQ	Emerging Markets Internet & Ecommerce ETF	0.79%
KSTR	KraneShares SSE STAR Market 50 Index ETF	0.09%
EVX	VanEck Environmental Services ETF	0.09%
PHO	Invesco Water Resources ETF	0.07%
FIW	First Trust Water ETF	-0.03%
PIO	Invesco Global Water ETF	-0.14%
EBLU	Ecofin Global Water ESG Fund	-0.30%
KEMQ	KraneShares Emerging Markets Consumer Technology In..	-0.35%
GERM	ETFMG Treatments Testing and Advancements ETF	-0.45%

### Thematic Most Overbought

Ticker	Fund	Value
FIW	First Trust Water ETF	71.86
GAMR	Wedbush ETFMG Video Game Tech ETF	69.61
EVX	VanEck Environmental Services ETF	69.42
EBLU	Ecofin Global Water ESG Fund	69.40
ESPO	VanEck Video Gaming and eSports ETF	68.51
PHO	Invesco Water Resources ETF	67.90
CGW	Invesco S&P Global Water Index ETF	67.84
HERO	Global X Video Games & Esports ETF	66.76
FIVG	Defiance Next Gen Connectivity ETF	66.63
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	66.02

### Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
BKCH	Global X Blockchain ETF	-8.84%
BITQ	Bitwise Crypto Industry Innovators ETF	-6.74%
DAPP	VanEck Digital Transformation ETF	-6.00%
BLOK	Amplify Transformational Data Sharing ETF	-5.12%
THCX	Cannabis ETF	-4.80%
YOLO	AdvisorShares Pure Cannabis ETF	-4.65%
CNBS	Amplify Seymour Cannabis ETF	-4.57%
POTX	Global X Cannabis ETF	-4.48%
MOON	Direxion Moonshot Innovators ETF	-4.21%
REMX	VanEck Rare Earth/Strategic Metals ETF	-4.21%

### Thematic Most Oversold

Ticker	Fund	Value
GERM	ETFMG Treatments Testing and Advancements ETF	32.15
IPAY	ETFMG Prime Mobile Payments ETF	33.79
BETZ	Roundhill Sports Betting & iGaming ETF	34.52
BJK	VanEck Gaming ETF	37.76
IDNA	iShares Genomics Immunology and Healthcare ETF Geno..	39.35
ARKF	ARK Fintech Innovation ETF	40.73
FAN	First Trust Global Wind Energy ETF	41.59
ARKG	ARK Genomic Revolution ETF	41.70
FINX	Global X FinTech ETF	42.49
GNOM	Global X Genomics & Biotechnology ETF	43.20

\* 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	Flow
MSOS	AdvisorShares Pure US Cannabis ETF	\$193M
LIT	Global X Lithium & Battery Tech ETF	\$173M
META	Roundhill Ball Metaverse ETF	\$101M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$83M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$78M
KWEB	KraneShares CSI China Internet ETF	\$77M
BUG	Global X Cybersecurity ETF	\$63M
DRIV	Global X Autonomous & Electric Vehicles ETF	\$42M
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	\$41M
BATT	Amplify Lithium & Battery Technology ETF	\$36M

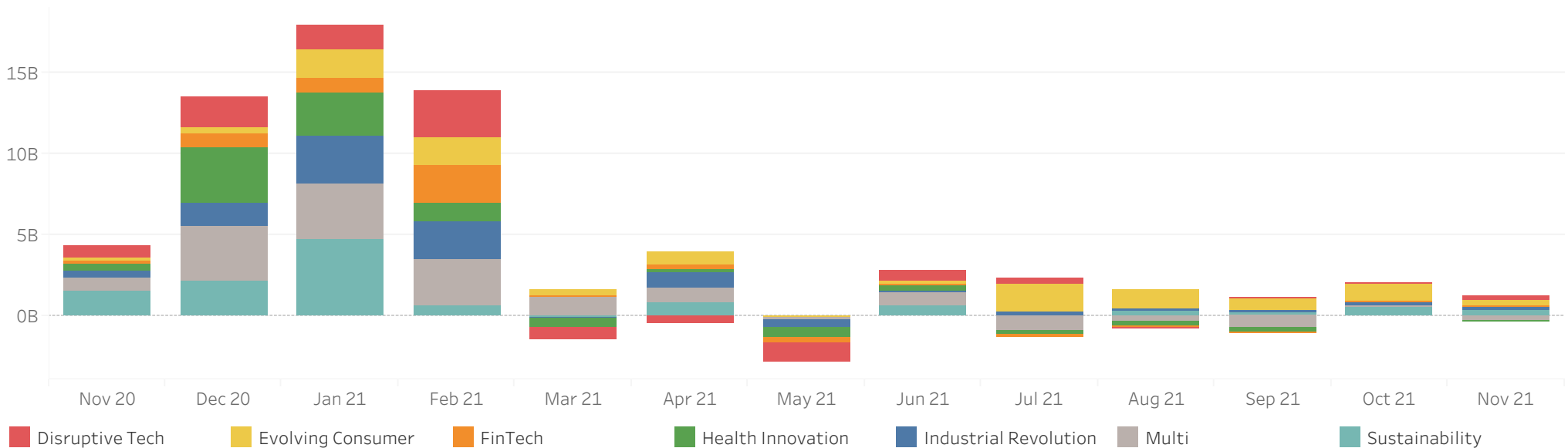
### Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$518M)
ARKG	ARK Genomic Revolution ETF	(\$116M)
TAN	Invesco Solar ETF	(\$62M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$31M)
ARKW	ARK Next Generation Internet ETF	(\$24M)
SOCL	Global X Social Media ETF	(\$9M)
HERO	Global X Video Games & Esports ETF	(\$7M)
BJK	VanEck Gaming ETF	(\$6M)
PRNT	3D Printing ETF	(\$6M)
MOON	Direxion Moonshot Innovators ETF	(\$5M)

### Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	36	\$32B	\$157M	\$354M	\$852M	\$5,985M
Evolving Consumer	41	\$18B	\$312M	\$3,250M	\$5,440M	\$10,420M
FinTech	16	\$9B	\$54M	\$35M	(\$260M)	\$4,412M
Health Innovation	15	\$9B	(\$88M)	(\$502M)	(\$660M)	\$6,221M
Industrial Revolution	24	\$19B	\$263M	\$548M	\$671M	\$8,345M
Multi	28	\$30B	(\$417M)	(\$1,026M)	(\$1,152M)	\$11,040M
Sustainability	36	\$26B	\$154M	\$1,321M	\$2,284M	\$12,165M
<b>Grand Total</b>	<b>196</b>	<b>\$143B</b>	<b>\$434M</b>	<b>\$3,982M</b>	<b>\$7,175M</b>	<b>\$58,588M</b>

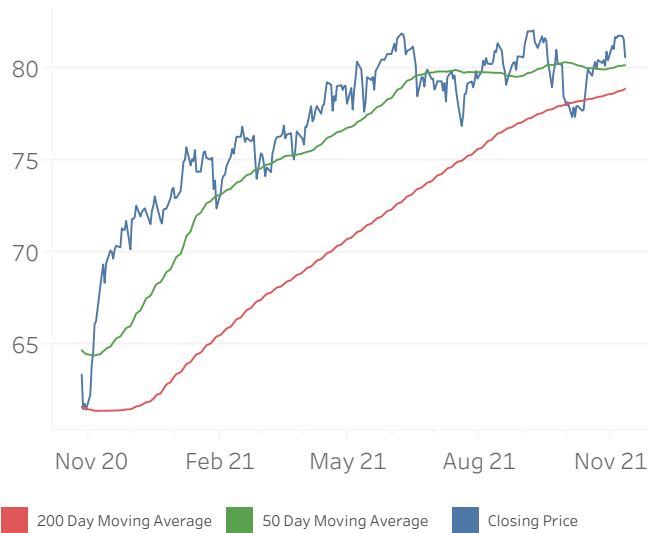
### Thematic Monthly Flows



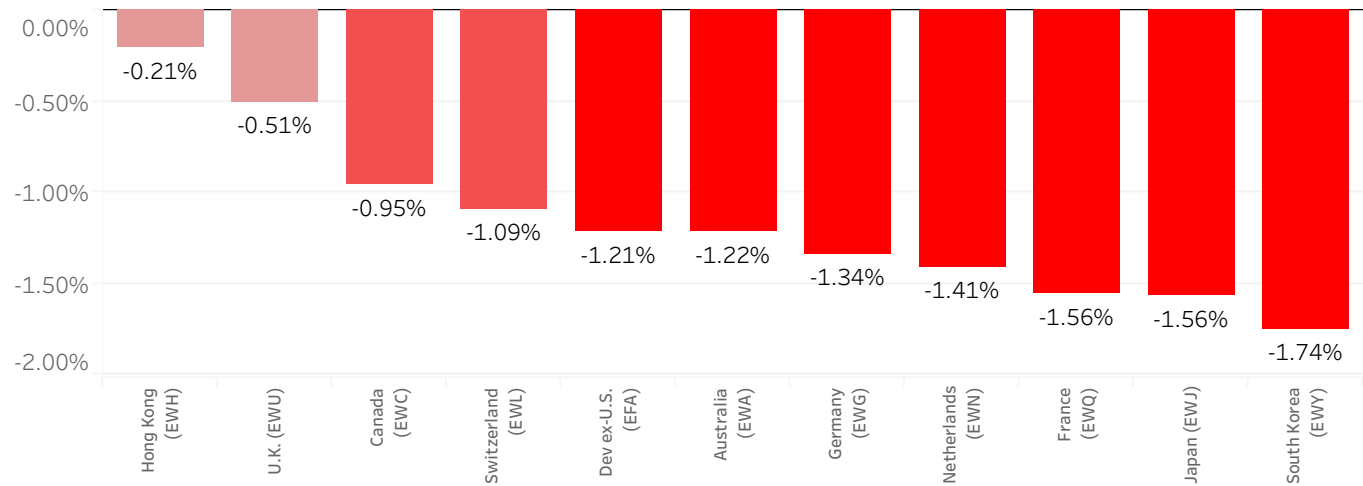
\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



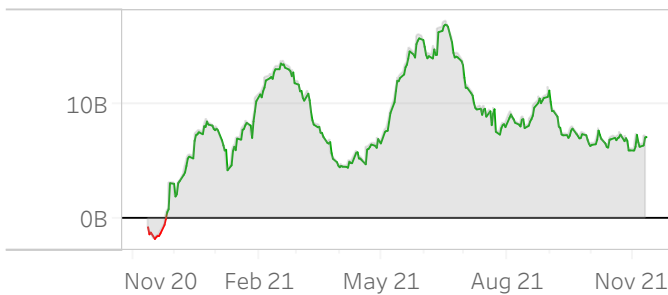
Developed ex-U.S. (EFA)



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



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



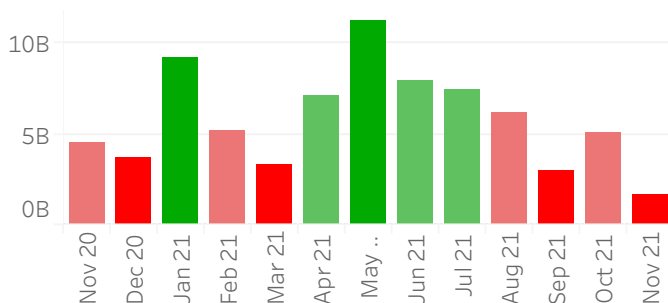
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
LVHI	Legg Mason International Low Volatility High Dividend ETF	0.46%
AIA	iShares Asia 50 ETF	-0.07%
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	-0.08%
EWH	iShares MSCI Hong Kong ETF	-0.21%
FSZ	First Trust Switzerland AlphaDEX Fund	-0.21%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-0.23%
HEDJ	WisdomTree Europe Hedged Equity Fund	-0.25%
HEFA	iShares Currency Hedged MSCI EAFE ETF	-0.25%
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	-0.28%
EWP	iShares MSCI Spain ETF	-0.28%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
HEDJ	WisdomTree Europe Hedged Equity Fund	70.30
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	69.50
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	68.70
HEZU	iShares Currency Hedged MSCI Eurozone ETF	65.75
EIS	iShares MSCI Israel ETF	64.11
TOK	iShares MSCI Kokusai ETF	63.30
HEFA	iShares Currency Hedged MSCI EAFE ETF	62.20
FSZ	First Trust Switzerland AlphaDEX Fund	61.42
HEWG	iShares Currency Hedged MSCI Germany ETF	61.17
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	61.13

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
PIZ	Invesco DWA Developed Markets Momentum ETF	-2.69%
IMOM	Alpha Architect International Quantitative Momentum ETF	-2.54%
GREK	Global X MSCI Greece ETF	-2.17%
EWO	iShares MSCI Austria ETF	-1.92%
ENOR	iShares MSCI Norway ETF	-1.91%
EWD	iShares MSCI Sweden ETF	-1.90%
SCJ	iShares MSCI Japan Small-Cap ETF	-1.82%
PDN	Invesco FTSE RAFI Developed Markets ex-US Small-Mid ETF	-1.80%
FLKR	Franklin FTSE South Korea ETF	-1.79%
DFE	WisdomTree Europe SmallCap Dividend Fund	-1.78%

Developed ex-U.S. Most Oversold

Ticker	Fund	Value
DFJ	WisdomTree Japan SmallCap Dividend Fund	34.64
EWY	iShares MSCI South Korea ETF	37.39
FLKR	Franklin FTSE South Korea ETF	37.88
EWJV	iShares MSCI Japan Value ETF	38.14
SCJ	iShares MSCI Japan Small-Cap ETF	38.30
IVAL	Alpha Architect International Quantitative Value ETF	39.17
DLS	WisdomTree International SmallCap Dividend Fund	39.89
JPIN	J.P. Morgan Diversified Return International Equity ..	41.55
EIRL	iShares MSCI Ireland ETF	41.73
VPL	Vanguard FTSE Pacific ETF	42.21

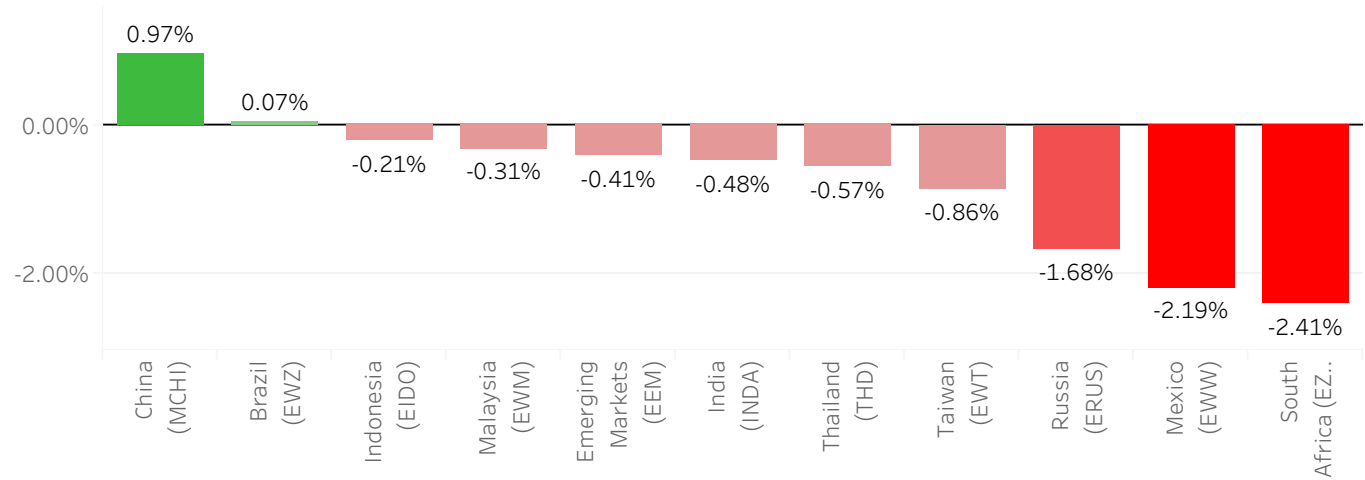
\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



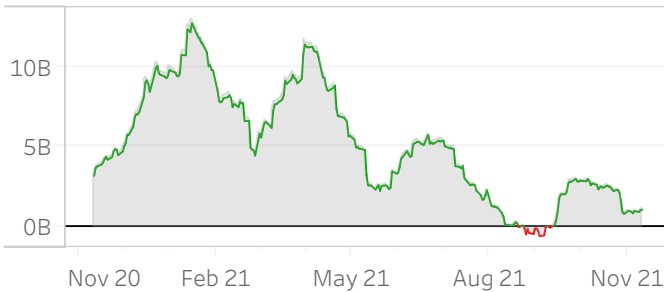
Emerging (EEM)



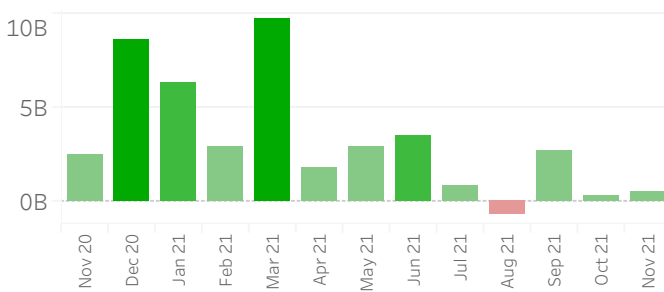
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
FLCH	Franklin FTSE China ETF	1.09%
MCHI	iShares MSCI China ETF	0.97%
FXI	iShares China Large-Cap ETF	0.91%
GXC	SPDR S&P China ETF	0.85%
KSA	iShares MSCI Saudi Arabia ETF	0.62%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	0.62%
PGJ	Invesco Golden Dragon China ETF	0.59%
EWZS	iShares MSCI Brazil Small-Cap ETF	0.53%
BKF	iShares MSCI BRIC ETF	0.49%
FLBR	Franklin FTSE Brazil ETF	0.43%

Emerging Most Overbought

Ticker	Fund	Value
FM	iShares MSCI Frontier and Select EM ETF	69.89
VNM	VanEck Vietnam ETF	68.42
EPHE	iShares MSCI Philippines ETF	67.44
QAT	iShares MSCI Qatar ETF	65.22
ECH	iShares MSCI Chile ETF	65.05
TUR	iShares MSCI Turkey ETF	61.72
EWT	iShares MSCI Taiwan ETF	60.24
PIE	Invesco DWA Emerging Markets Momentum ETF	58.14
EWX	SPDR S&P Emerging Markets Small Cap ETF	57.88
KSA	iShares MSCI Saudi Arabia ETF	57.53

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EPOL	iShares MSCI Poland ETF	-2.49%
EZA	iShares MSCI South Africa ETF	-2.41%
EWZ	iShares MSCI Mexico ETF	-2.19%
RSX	VanEck Russia ETF	-1.77%
ERUS	iShares MSCI Russia ETF	-1.68%
FEM	First Trust Emerging Markets AlphaDEX Fund	-1.39%
MFEM	PIMCO RAFI Dynamic Multi-Factor Emerging Markets Eq..	-1.28%
UEVM	VictoryShares USAA MSCI Emerging Markets Value Mo..	-1.18%
XCEM	Columbia EM Core ex-China ETF	-1.10%
TUR	iShares MSCI Turkey ETF	-1.10%

Emerging Most Oversold

Ticker	Fund	Value
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	34.05
EWM	iShares MSCI Malaysia ETF	34.13
FEM	First Trust Emerging Markets AlphaDEX Fund	35.68
EPOL	iShares MSCI Poland ETF	39.34
DEM	WisdomTree Emerging Markets High Dividend Fund	39.56
EZA	iShares MSCI South Africa ETF	42.32
UEVM	VictoryShares USAA MSCI Emerging Markets Value ..	42.54
ILF	iShares Latin America 40 ETF	42.77
DVYE	iShares Emerging Markets Dividend ETF	43.31
DGS	WisdomTree Emerging Markets SmallCap Dividend F..	43.98

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

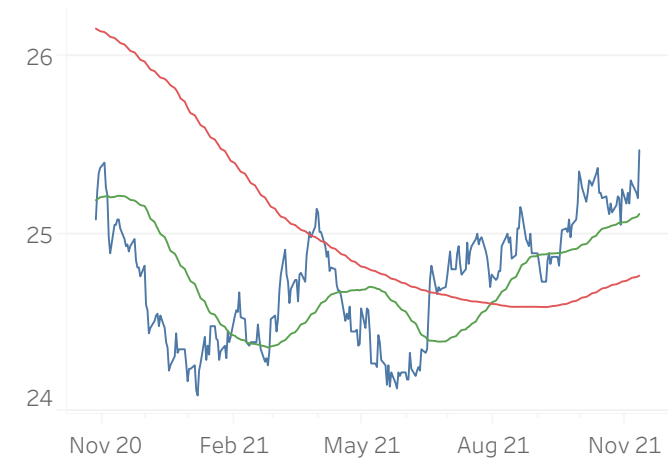
### Fixed Income (AGG)



### 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	-0.68%	0.53%	-1.60%
SHY	1-3 Year Treasury Bonds	-0.20%	-0.32%	-0.53%
IEF	7-10 Year Treasury Bonds	-0.86%	0.35%	-3.70%
TLT	20+ Year Treasury Bonds	-1.83%	4.59%	-4.82%
TIP	TIPS Bonds	-0.31%	2.19%	5.90%
FLOT	Floating Rate Bonds	0.02%	0.06%	0.50%
LQD	Investment Grade Corporate	-1.02%	1.48%	-1.49%
HYG	High Yield Corporate	-0.56%	0.56%	3.01%
BKLN	Senior Loan	-0.23%	-0.02%	1.89%
PFF	Preferred & Income Securities	-0.94%	1.39%	4.99%
MUB	Municipal Bonds	-0.10%	0.56%	0.71%
MBB	MBS	-0.47%	-0.25%	-1.32%
EMB	Dollar Denominated EM Bonds	-1.46%	0.74%	-2.67%
LEMB	Local Currency EM Bond	-0.83%	-0.76%	-7.49%

### Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.60%	-0.80%	35.43%
DBE	Energy	-2.50%	0.45%	65.59%
USO	WTI Crude Oil	-2.85%	1.53%	70.62%
BNO	Brent Crude Oil	-2.62%	0.92%	70.42%
UNG	Natural Gas	-1.09%	-15.48%	78.04%
UGA	Gasoline	-3.24%	-0.48%	69.77%
DBP	Precious Metals	1.20%	6.10%	-4.83%
GLD	Gold	1.09%	5.43%	-2.92%
SLV	Silver	1.51%	9.16%	-6.92%
PPLT	Platinum	0.81%	4.22%	-1.02%
PALL	Palladium	-0.05%	-2.87%	-18.13%
DBB	Base Metals	-0.72%	-4.02%	20.28%
CPER	Copper	-1.91%	0.31%	20.79%
LD	Lead	-0.31%	5.48%	19.11%
JJN	Nickel	0.12%	1.12%	16.06%
JJU	Aluminum	-0.34%	-14.07%	26.81%
JJT	Tin	-1.69%	1.56%	107.74%
DBA	Agriculture	0.67%	0.41%	20.76%
CORN	Corn	1.81%	6.06%	37.10%
SOYB	Soybeans	0.38%	-2.51%	9.60%
WEAT	Wheat	2.36%	9.07%	26.33%
CANE	Sugar	-1.35%	-1.63%	40.74%
BAL	Cotton	-0.07%	7.41%	45.28%
NIB	Cocoa	1.66%	-12.11%	-7.66%
JO	Coffee	0.71%	2.62%	52.02%

### Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	1.07%	0.79%	5.07%
UDN	Short Dollar	-0.92%	-0.82%	-5.97%
FXE	Euro	-1.01%	-0.85%	-6.87%
FXB	British Pound Sterling	-1.15%	-1.60%	-2.29%
FXF	Swiss Franc	-0.84%	0.78%	-4.65%
FXJ	Japanese Yen	-0.96%	-1.51%	-9.85%
FXC	Canadian Dollar	-0.46%	-0.25%	1.46%
FXA	Australian Dollar	-0.75%	0.21%	-5.31%

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

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