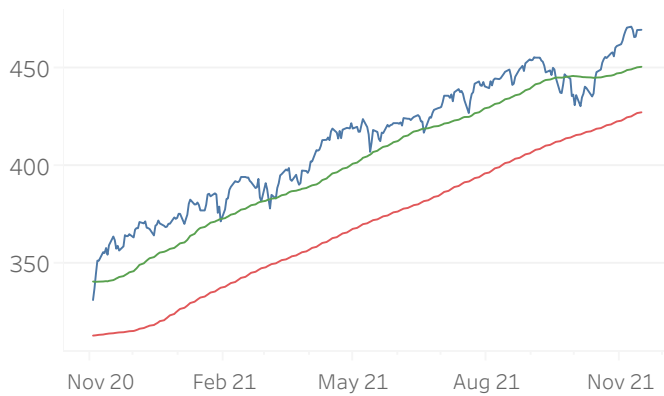
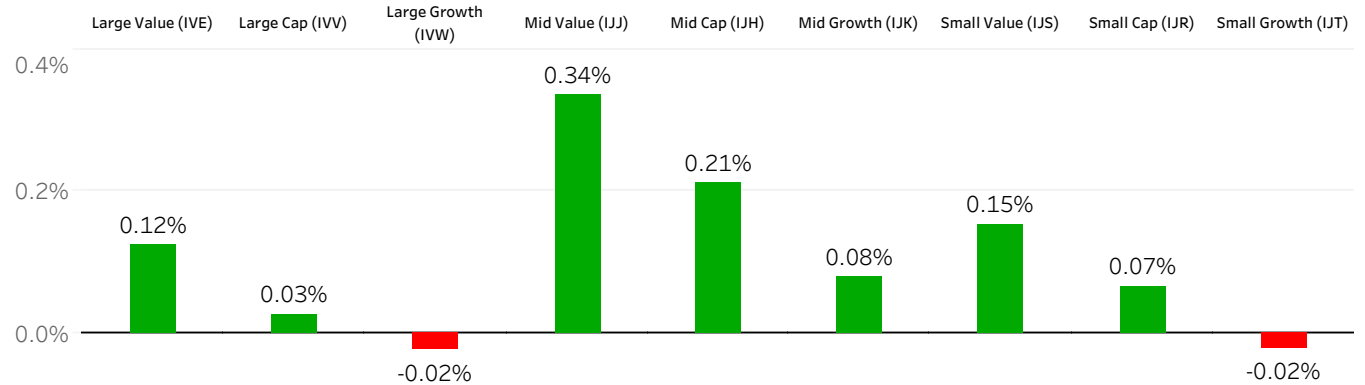


### Large Cap Blend (S&P 500) IVV



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



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



### Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
JDIV	JPMorgan U.S. Dividend ETF	0.88%
DIV	Global X SuperDividend US ETF	0.82%
XMLV	Invesco S&P MidCap Low Volatility ETF	0.65%
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	0.60%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	0.55%
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	0.53%
DDIV	First Trust Dorsey Wright Momentum & Dividend ETF	0.53%
DVY	iShares Select Dividend ETF	0.51%
PEY	Invesco High Yield Equity Dividend Achievers ETF	0.48%
REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	0.46%

### Size & Style Most Overbought

Ticker	Fund	Price
XSLV	Invesco S&P SmallCap Low Volatility ETF	74.95
NOBL	ProShares S&P 500 Dividend Aristocrats ETF	74.76
FLQL	Franklin LibertyQ U.S. Equity ETF	73.94
KLCD	KFA Large Cap Quality Dividend Index ETF	73.86
KRMA	Global X Conscious Companies ETF	73.40
FLQM	Franklin LibertyQ U.S. Mid Cap Equity ETF	73.12
XMLV	Invesco S&P MidCap Low Volatility ETF	72.98
LEAD	Siren DIVCON Leaders Dividend ETF	72.41
BFOR	ALPS Barron's 400 ETF	72.21
FQAL	Fidelity Quality Factor ETF	72.18

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



### Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
FFTY	Innovator IBD 50 ETF	-1.64%
JSML	Janus Henderson Small Cap Growth Alpha ETF	-1.06%
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	-0.96%
MFMS	Motley Fool Small-Cap Growth ETF	-0.95%
VTWG	Vanguard Russell 2000 Growth ETF	-0.92%
FPX	First Trust US Equity Opportunities ETF	-0.89%
DWAS	Invesco DWA SmallCap Momentum ETF	-0.83%
IWO	iShares Russell 2000 Growth ETF	-0.75%
IPO	Renaissance IPO ETF	-0.75%
ISCG	iShares Morningstar Small-Cap Growth ETF	-0.69%

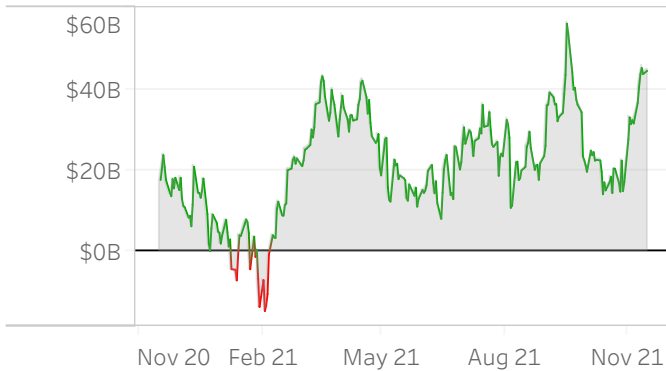
### Size & Style Most Oversold

Ticker	Fund	Price
MFMS	Motley Fool Small-Cap Growth ETF	42.61
CSD	Invesco S&P Spin-Off ETF	49.16
GURU	Global X Guru Index ETF	50.68
FFTY	Innovator IBD 50 ETF	51.27
IPO	Renaissance IPO ETF	51.63
MTUM	iShares MSCI USA Momentum Factor ETF	54.00
BUZZ	VanEck Social Sentiment ETF	54.42
JSML	Janus Henderson Small Cap Growth Alpha ETF	54.97
FPX	First Trust US Equity Opportunities ETF	55.93
VBK	Vanguard Small-Cap Growth ETF	56.16

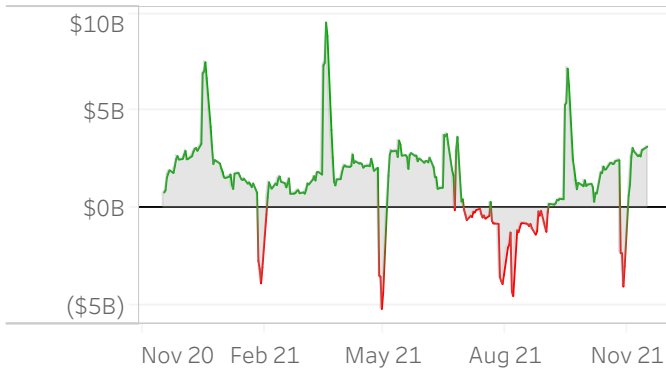
■ Closing Price    
 ■ 50 Day Moving Average    
 ■ 200 Day Moving Average

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

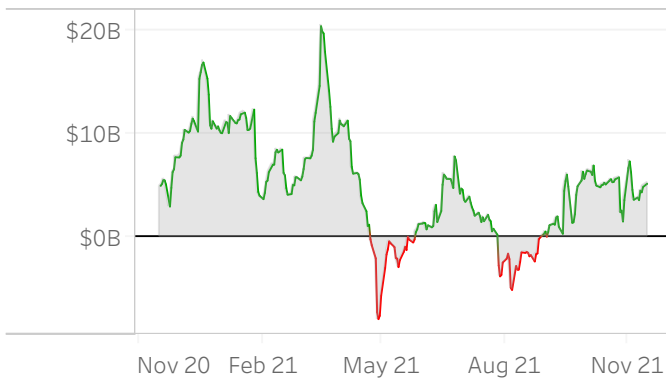
### Large-Cap 30-Day Rolling Flows



### 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	\$2.52B	\$51.45B	\$78.21B	\$106.53B
Mid Cap, Beta, Beta	10	\$200B	\$0.50B	\$3.16B	\$3.16B	\$9.47B
Large Cap, Beta Growth, Beta: Value	11	\$212B	\$0.27B	\$5.40B	\$10.18B	\$32.76B
Small Cap, Beta, Beta	12	\$238B	\$0.13B	\$7.93B	\$10.52B	\$26.95B
Small Cap, Beta, Beta: Growth	7	\$41B	\$0.10B	\$0.13B	\$0.26B	\$0.79B
Mid Cap, Beta, Beta: Value	6	\$43B	\$0.07B	\$0.63B	\$0.14B	\$4.71B
Small Cap, Beta, Beta: Value	7	\$61B	\$0.03B	\$0.77B	\$0.26B	\$8.26B
Mid Cap, Beta, Beta: Growth	6	\$43B	\$0.02B	\$0.46B	\$0.14B	(\$2.08B)
Large Cap, Beta Growth, Beta: Growth	10	\$277B	(\$0.39B)	\$2.88B	\$9.33B	\$5.18B

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

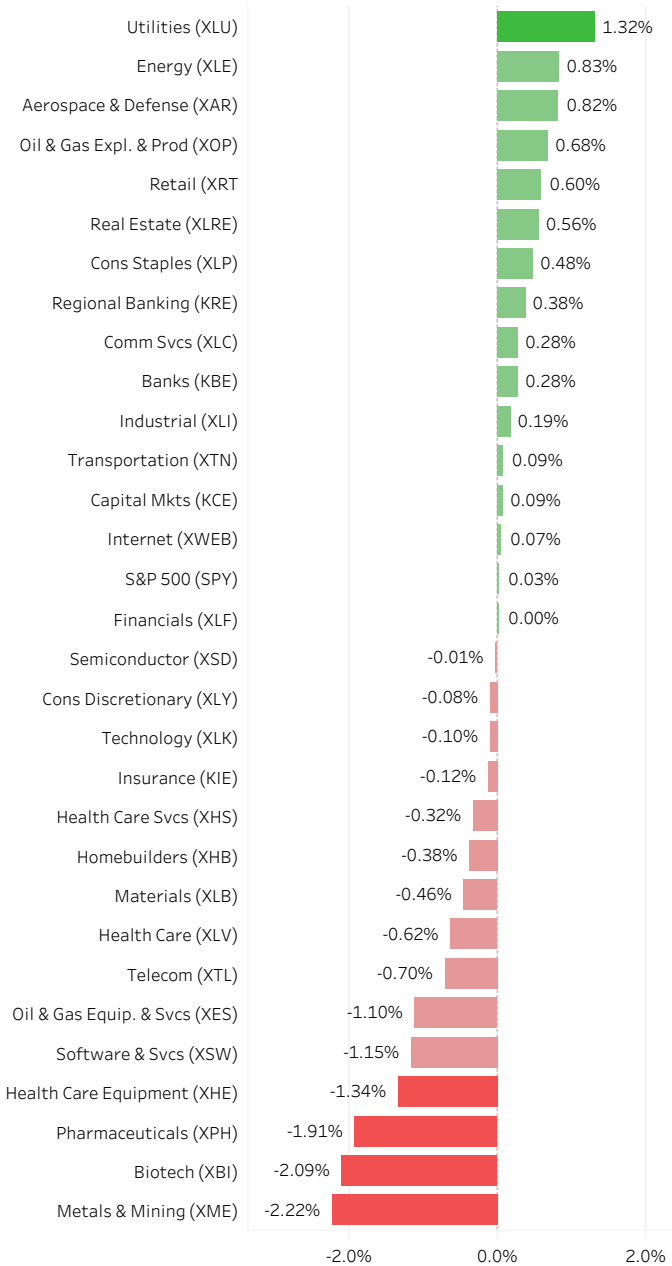
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	\$1.61B	\$13.47B	\$25.04B	\$43.82B	\$275.99B
IVV	iShares Core S&P 500 ETF	\$1.00B	\$9.63B	\$12.65B	\$20.86B	\$324.51B
VTI	Vanguard Total Stock Market ETF	\$0.83B	\$10.97B	\$21.27B	\$43.88B	\$291.27B
IJR	iShares Core S&P Small Cap ETF	\$0.31B	\$2.23B	\$1.30B	\$5.12B	\$76.41B
SUSA	iShares MSCI USA ESG Select ETF	\$0.30B	\$0.64B	\$0.95B	\$1.59B	\$4.53B
QQQ	Invesco QQQ Trust	\$0.25B	\$7.87B	\$14.85B	\$16.70B	\$206.36B
VO	Vanguard Mid-Cap ETF	\$0.20B	\$1.73B	\$3.08B	\$5.03B	\$56.98B
VB	Vanguard Small-Cap ETF	\$0.15B	\$1.31B	\$2.54B	\$6.67B	\$51.57B
MDY	SPDR S&P Midcap 400 ETF Trust	\$0.14B	(\$0.36B)	(\$1.11B)	(\$0.34B)	\$22.11B
VIG	Vanguard Dividend Appreciation ETF	\$0.14B	\$1.06B	\$2.12B	\$3.78B	\$66.59B

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

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
EQRR	ProShares Equities for Rising Rates ETF	(\$1.37B)	\$0.33B	\$0.33B	\$0.33B	\$0.01B
IWF	iShares Russell 1000 Growth ETF	(\$0.57B)	(\$0.37B)	\$0.29B	(\$2.41B)	\$78.26B
IWM	iShares Russell 2000 ETF	(\$0.51B)	\$2.83B	\$3.55B	\$7.60B	\$74.96B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.16B)	\$1.27B	\$0.91B	\$1.36B	\$17.02B
VLUE	iShares MSCI USA Value Factor ETF	(\$0.09B)	(\$0.55B)	(\$0.75B)	\$4.73B	\$15.93B
IWN	iShares Russell 2000 Value ETF	(\$0.06B)	\$0.00B	(\$0.92B)	\$1.63B	\$16.95B
FVD	First Trust Value Line Dividend Index Fund	(\$0.06B)	\$0.07B	\$0.24B	\$0.60B	\$12.51B
USSG	Xtrackers MSCI USA ESG Leaders Equity ETF	(\$0.04B)	\$0.06B	\$0.05B	\$0.39B	\$4.15B
IWB	iShares Russell 1000 ETF	(\$0.04B)	(\$0.96B)	(\$0.42B)	(\$0.62B)	\$31.56B
SPYG	SPDR Portfolio S&P 500 Growth ETF	(\$0.04B)	\$0.29B	\$2.38B	\$2.05B	\$15.24B

\* 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)
XLI	Industrial Select Sector SPDR Fund	0.00%	26.34%	4.46%	5.92%	66.72
XLP	Consumer Staples Select Sector SPDR Fund	0.00%	15.62%	2.93%	4.81%	68.57
SPY	SPDR S&P 500 ETF Trust	-0.32%	29.10%	4.26%	9.83%	68.53
XLB	Materials Select Sector SPDR Fund	-0.46%	28.13%	6.96%	8.68%	71.18
XLK	Technology Select Sector SPDR Fund	-0.50%	36.26%	6.10%	14.19%	68.19
XLRE	Real Estate Select Sector SPDR Fund	-0.55%	38.22%	3.52%	10.47%	62.77
XLF	Financial Select Sector SPDR Fund	-1.16%	44.01%	3.09%	9.30%	56.51
XLE	Energy Select Sector SPDR Fund	-1.88%	57.86%	6.48%	12.68%	56.76
XLV	Health Care Select Sector SPDR Fund	-2.83%	21.51%	1.51%	5.92%	54.00
XLU	Utilities Select Sector SPDR Fund	-3.62%	15.71%	1.86%	3.37%	57.48
XLY	Consumer Discretionary Select Sector SPDR Fund	-3.62%	30.67%	6.90%	14.17%	61.86
XLC	Communication Services Select Sector SPDR Fund	-5.33%	25.17%	0.01%	2.97%	53.93

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
ITA	iShares U.S. Aerospace & Defense ETF	1.39%
RYU	Invesco S&P 500 Equal Weight Utilities ETF	1.38%
FXU	First Trust Utilities AlphaDEX Fund	1.33%
XLU	Utilities Select Sector SPDR Fund	1.32%
KBWY	Invesco KBW Premium Yield Equity REIT ETF	1.31%
FUTY	Fidelity MSCI Utilities Index ETF	1.30%
VPU	Vanguard Utilities ETF	1.21%
USRT	iShares Core U.S. REIT ETF	1.18%
BBRE	JPMorgan BetaBuilders MSCI U.S. REIT ETF	1.14%
IDU	iShares U.S. Utilities ETF	1.11%

### Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
INDS	Pacer Benchmark Industrial Real Estate SCTR ETF	80.54
PSI	Invesco Dynamic Semiconductors ETF	74.05
PSCI	Invesco S&P SmallCap Industrials ETF	73.12
PRN	Invesco DWA Industrials Momentum ETF	73.05
FXG	First Trust Consumer Staples AlphaDEX Fund	72.89
AIRR	First Trust RBA American Industrial Renaissance ETF	72.61
FTXR	First Trust Nasdaq Transportation ETF	72.14
SOXX	iShares Semiconductor ETF	72.12
XSD	SPDR S&P Semiconductor ETF	71.98
FTXL	First Trust Nasdaq Semiconductor ETF	71.26

### Sector & Industry 1 Day Performance Laggards

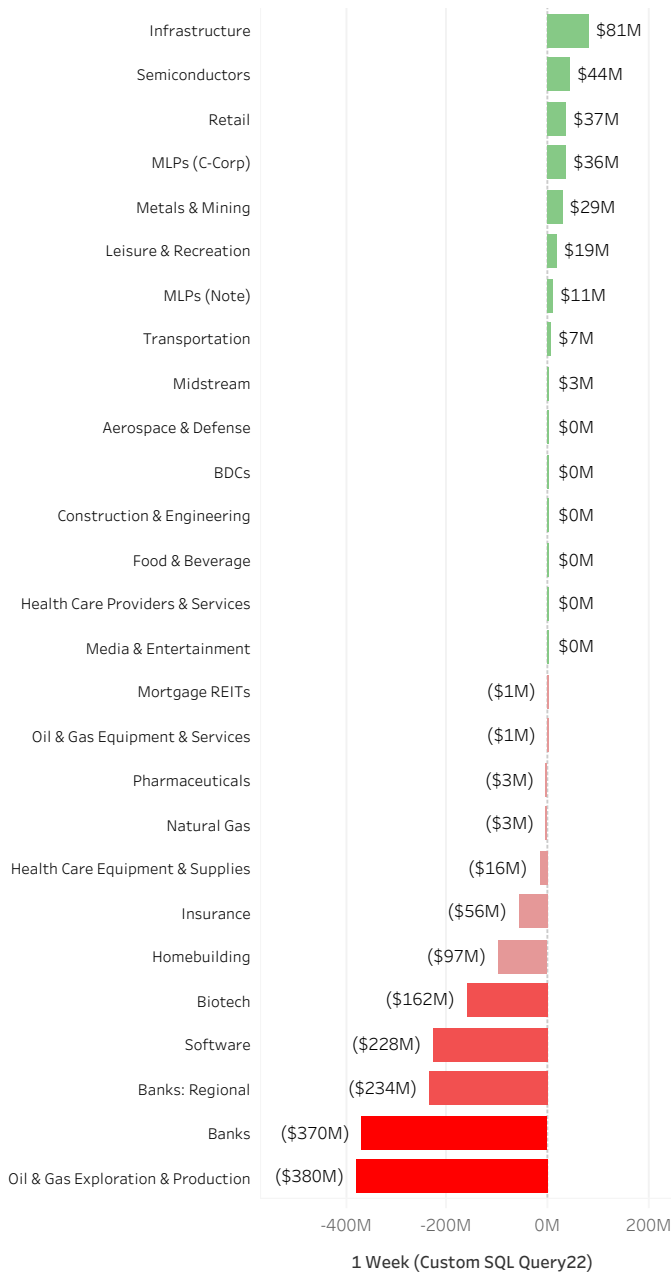
Ticker	Fund	1 Day Performance
XME	SPDR S&P Metals & Mining ETF	-2.22%
XBI	SPDR S&P BIOTECH ETF	-2.09%
XPH	SPDR S&P Pharmaceuticals ETF	-1.91%
XHE	SPDR S&P Health Care Equipment ETF	-1.34%
PSJ	Invesco Dynamic Software ETF	-1.18%
XSW	SPDR S&P Software & Services ETF	-1.15%
IHF	iShares U.S. Healthcare Providers ETF	-1.12%
PBE	Invesco Dynamic Biotechnology & Genome ETF	-1.11%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-1.10%
PYZ	Invesco DWA Basic Materials Momentum ETF	-0.92%

### Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
PBE	Invesco Dynamic Biotechnology & Genome ETF	35.19
FBT	First Trust NYSE Arca Biotechnology Index Fund	35.48
IBB	iShares Biotechnology ETF	36.94
ENFR	Alerian Energy Infrastructure ETF	38.70
XES	SPDR S&P Oil & Gas Equipment & Services ETF	40.04
XHE	SPDR S&P Health Care Equipment ETF	41.34
IEZ	iShares U.S. Oil Equipment & Services ETF	41.89
XBI	SPDR S&P BIOTECH ETF	41.93
MLPX	Global X MLP & Energy Infrastructure ETF	44.77
PEJ	Invesco Dynamic Leisure & Entertainment ETF	46.36

\* 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	\$78M	\$890M	\$2,108M	\$1,918M
Consumer Discretionary	13	\$38B	\$196M	\$1,234M	\$117M	\$3,587M
Consumer Staples	12	\$21B	\$306M	(\$916M)	\$928M	(\$3,029M)
Energy	34	\$56B	(\$708M)	\$371M	\$470M	\$10,066M
Financials	28	\$86B	(\$554M)	\$2,179M	\$255M	\$23,242M
Health Care	26	\$91B	(\$216M)	\$1,539M	\$3,516M	\$3,637M
Industrial	14	\$36B	(\$150M)	(\$2,104M)	(\$3,895M)	\$2,244M
Materials	10	\$17B	\$118M	(\$999M)	(\$941M)	\$4,751M
Multi-Sector	17	\$27B	\$12M	\$933M	\$933M	\$4,048M
Real Estate	22	\$79B	(\$1M)	\$4,588M	\$7,962M	\$13,090M
Technology	24	\$155B	(\$730M)	\$3,482M	\$5,775M	\$3,647M
Utilities	10	\$20B	(\$561M)	(\$779M)	\$343M	\$16M

## U.S. Sector & Industry Flow Leaders

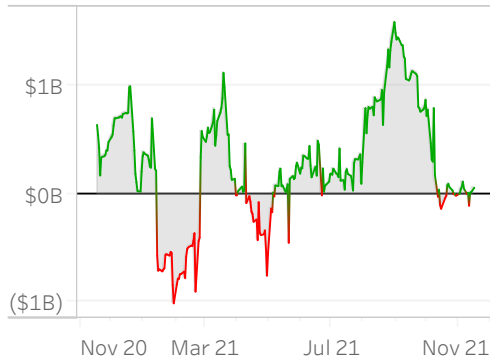
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLP	Consumer Staples Select Sector SPDR Fund	\$273M	(\$1,116M)	\$708M	(\$2,615M)	\$11,997M
XLB	Materials Select Sector SPDR Fund	\$120M	(\$537M)	(\$683M)	\$2,250M	\$8,673M
VNQ	Vanguard Real Estate ETF	\$103M	\$1,324M	\$3,068M	\$6,443M	\$46,632M
PAVE	Global X U.S. Infrastructure Development ETF	\$84M	\$658M	\$1,425M	\$3,948M	\$5,361M
IYC	iShares U.S. Consumer Discretionary ETF	\$81M	(\$11M)	(\$168M)	\$40M	\$1,518M
KBE	SPDR S&P Bank ETF	\$74M	\$35M	(\$598M)	\$257M	\$3,507M
XLF	Financial Select Sector SPDR Fund	\$72M	\$1,367M	(\$832M)	\$12,521M	\$45,687M
XLC	Communication Services Select Sector SPDR Fu..	\$64M	\$752M	\$1,202M	\$816M	\$15,300M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$62M	\$1,263M	(\$81M)	\$1,055M	\$23,259M
RGI	Invesco S&P 500 Equal Weight Industrials ETF	\$38M	(\$38M)	(\$130M)	\$21M	\$495M

## U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLU	Utilities Select Sector SPDR Fund	(\$535M)	(\$873M)	\$51M	(\$236M)	\$12,306M
KBWB	Invesco KBW Bank ETF	(\$437M)	(\$377M)	\$14M	\$1,024M	\$3,038M
XLE	Energy Select Sector SPDR Fund	(\$400M)	\$601M	\$842M	\$6,693M	\$27,073M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$380M)	(\$719M)	(\$902M)	(\$538M)	\$3,749M
KRE	SPDR S&P Regional Banking ETF	(\$223M)	\$50M	(\$430M)	\$2,346M	\$5,351M
IGV	iShares Expanded Tech-Software Sector ETF	(\$219M)	\$310M	\$234M	(\$848M)	\$6,424M
XLI	Industrial Select Sector SPDR Fund	(\$207M)	(\$1,686M)	(\$2,619M)	(\$41M)	\$18,310M
XLK	Technology Select Sector SPDR Fund	(\$117M)	\$151M	\$1,067M	(\$1,157M)	\$48,711M
IBB	iShares Biotechnology ETF	(\$100M)	(\$482M)	(\$431M)	(\$720M)	\$9,900M
RYT	Invesco S&P 500 Equal Weight Technology ETF	(\$97M)	(\$89M)	(\$64M)	\$47M	\$2,901M

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

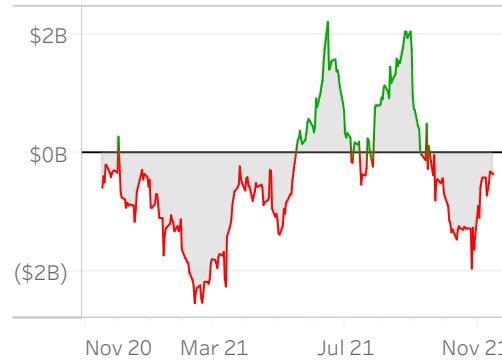
Communication Services



Consumer Discretionary



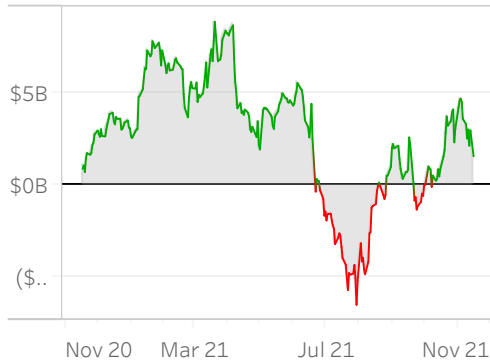
Consumer Staples



Energy



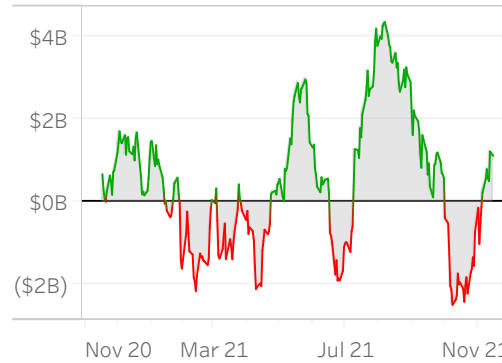
Financials



Industrial



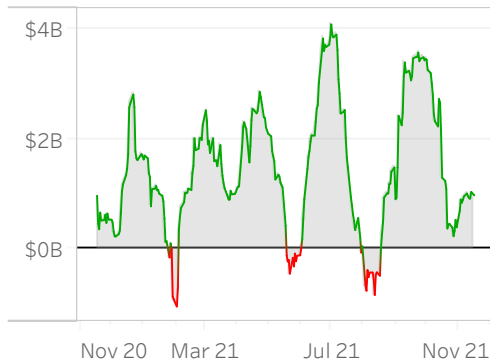
Health Care



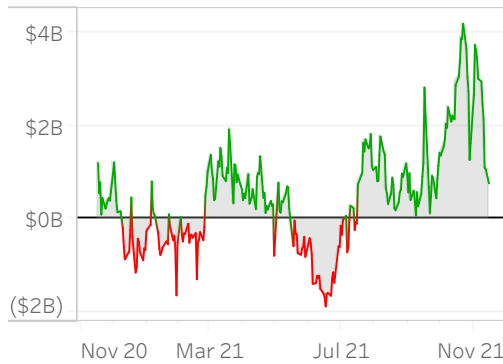
Materials



Real Estate



Technology



Utilities

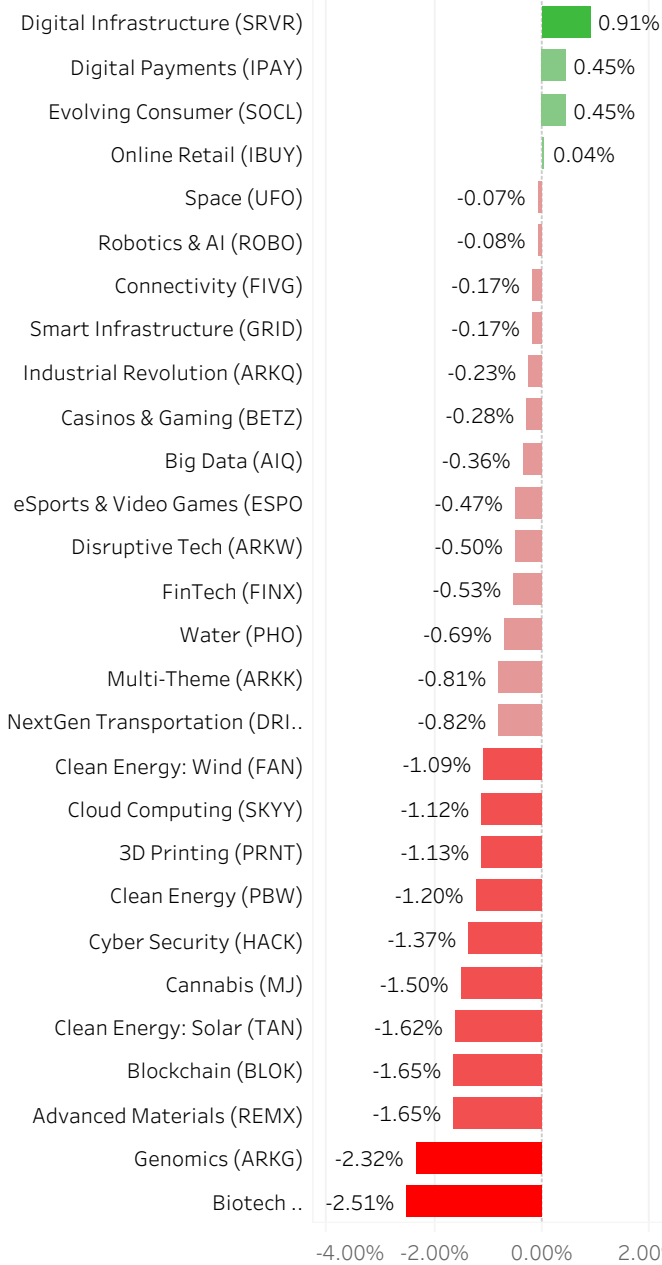


Multi-Sector

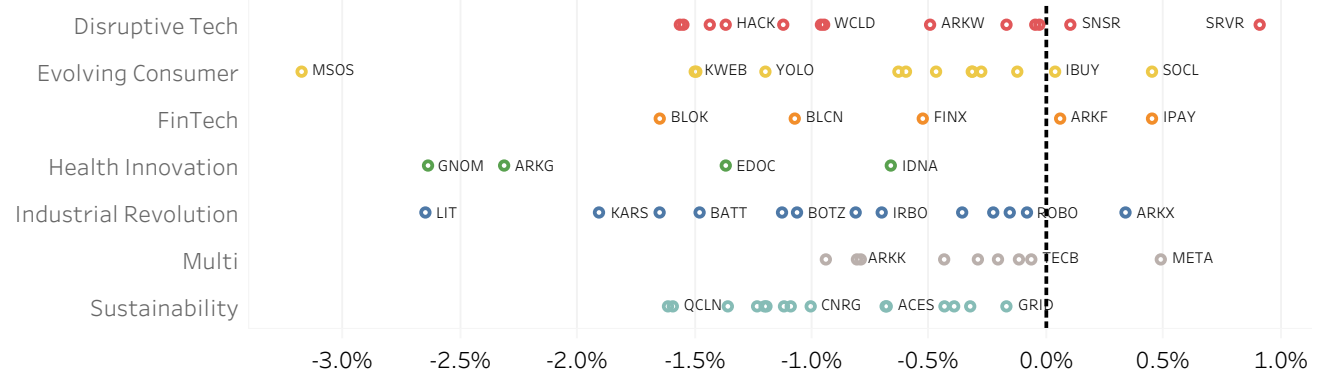


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### Global Thematic Segment 1-Day Performance



### Global Thematic 1-Day Performance Landscape



### Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR..	0.91%
VPN	Global X Data Center REITs & Digital Infrastructure ETF	0.52%
EBIZ	Global X E-Commerce ETF	0.49%
META	Roundhill Ball Metaverse ETF	0.49%
BJK	VanEck Gaming ETF	0.47%
IPAY	ETFMG Prime Mobile Payments ETF	0.45%
SOCL	Global X Social Media ETF	0.45%
ARKX	ARK Space Exploration & Innovation ETF	0.34%
MILN	Global X Millennial Consumer ETF	0.33%
SNSR	Global X Internet of Things ETF	0.10%

### Thematic Most Overbought

Ticker	Fund	Value
ESPO	VanEck Video Gaming and eSports ETF	73.34
HERO	Global X Video Games & Esports ETF	72.88
GAMR	Wedbush ETFMG Video Game Tech ETF	72.78
META	Roundhill Ball Metaverse ETF	70.60
FIVG	Defiance Next Gen Connectivity ETF	70.51
SNSR	Global X Internet of Things ETF	69.55
FIW	First Trust Water ETF	69.31
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	69.08
NERD	Roundhill BITKRAFT Esports & Digital Entertainment ETF	68.66
QTUM	Defiance Quantum ETF	67.95

### Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
BKCH	Global X Blockchain ETF	-4.21%
DAPP	VanEck Digital Transformation ETF	-3.76%
MSOS	AdvisorShares Pure US Cannabis ETF	-3.18%
POTX	Global X Cannabis ETF	-3.17%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-2.89%
HDRO	Defiance Next Gen H2 ETF	-2.85%
LIT	Global X Lithium & Battery Tech ETF	-2.65%
GNOM	Global X Genomics & Biotechnology ETF	-2.64%
SBIO	ALPS Medical Breakthroughs ETF	-2.51%
ARKG	ARK Genomic Revolution ETF	-2.32%

### Thematic Most Oversold

Ticker	Fund	Value
BETZ	Roundhill Sports Betting & iGaming ETF	34.94
ARKG	ARK Genomic Revolution ETF	37.13
GERM	ETFMG Treatments Testing and Advancements ETF	38.42
GNOM	Global X Genomics & Biotechnology ETF	38.61
IDNA	iShares Genomics Immunology and Healthcare ETF Geno..	38.75
BTEC	Principal Healthcare Innovators ETF	38.75
SBIO	ALPS Medical Breakthroughs ETF	40.77
IPAY	ETFMG Prime Mobile Payments ETF	40.92
BJK	VanEck Gaming ETF	41.05
HTEC	ROBO Global Healthcare Technology and Innovation ETF	41.96

\* 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
KWEB	KraneShares CSI China Internet ETF	\$352M
MSOS	AdvisorShares Pure US Cannabis ETF	\$328M
META	Roundhill Ball Metaverse ETF	\$167M
LIT	Global X Lithium & Battery Tech ETF	\$137M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$103M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$84M
DRIV	Global X Autonomous & Electric Vehicles ETF	\$47M
BUG	Global X Cybersecurity ETF	\$40M
XT	iShares Exponential Technologies ETF	\$36M
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	\$33M

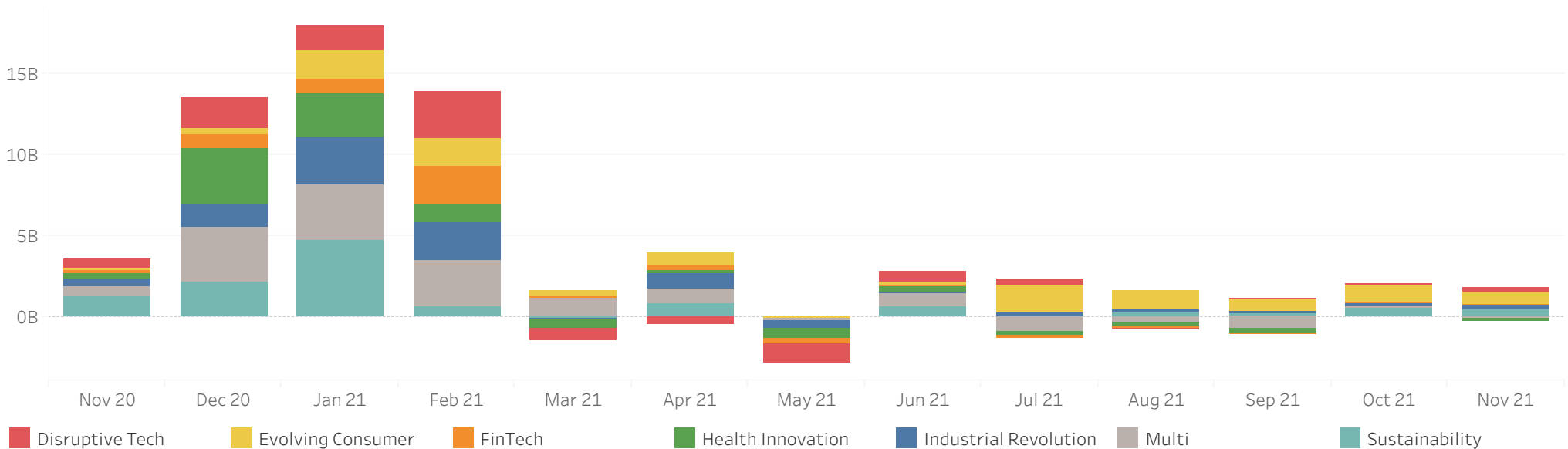
### Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKG	ARK Genomic Revolution ETF	(\$168M)
ARKK	ARK Innovation ETF	(\$86M)
ARKW	ARK Next Generation Internet ETF	(\$78M)
TAN	Invesco Solar ETF	(\$61M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$35M)
ARKF	ARK Fintech Innovation ETF	(\$23M)
EMQQ	Emerging Markets Internet & Ecommerce ETF	(\$10M)
WCLD	WisdomTree Cloud Computing Fund	(\$8M)
PRNT	3D Printing ETF	(\$8M)
CLOU	Global X Cloud Computing ETF	(\$8M)

### Thematic Landscape Assets & Flows

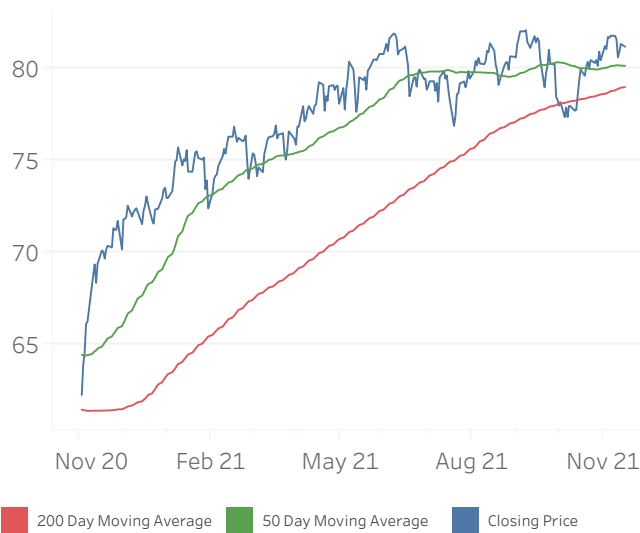
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	36	\$31B	\$60M	\$386M	\$1,119M	\$5,743M
Evolving Consumer	41	\$19B	\$560M	\$3,675M	\$5,949M	\$10,832M
FinTech	16	\$9B	\$31M	\$48M	(\$66M)	\$4,423M
Health Innovation	15	\$9B	(\$159M)	(\$576M)	(\$547M)	\$6,060M
Industrial Revolution	24	\$19B	\$220M	\$598M	\$968M	\$8,424M
Multi	28	\$30B	\$176M	(\$681M)	(\$751M)	\$11,046M
Sustainability	36	\$27B	\$16M	\$1,402M	\$2,460M	\$11,909M
<b>Grand Total</b>	<b>196</b>	<b>\$144B</b>	<b>\$904M</b>	<b>\$4,853M</b>	<b>\$9,132M</b>	<b>\$58,436M</b>

### Thematic Monthly Flows

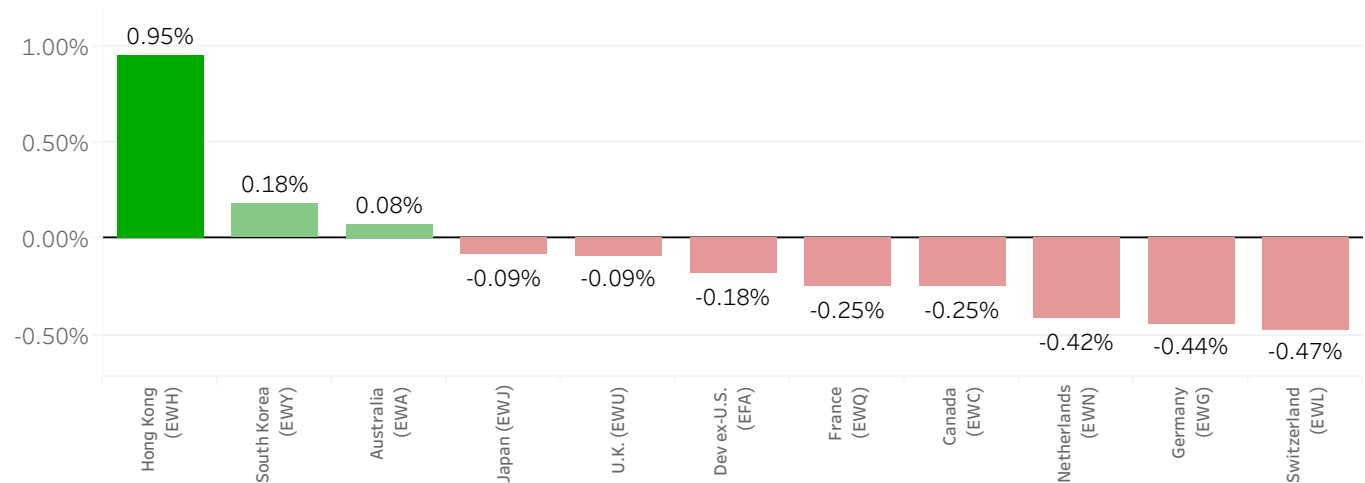


\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day

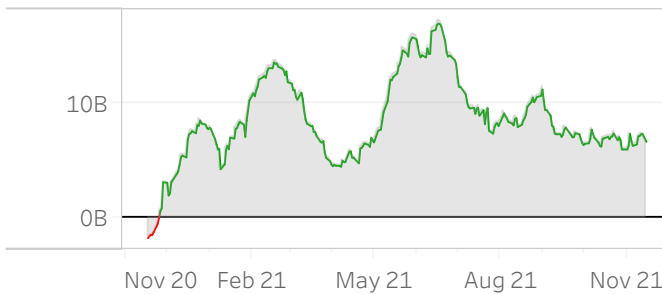
Developed ex-U.S. (EFA)



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



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



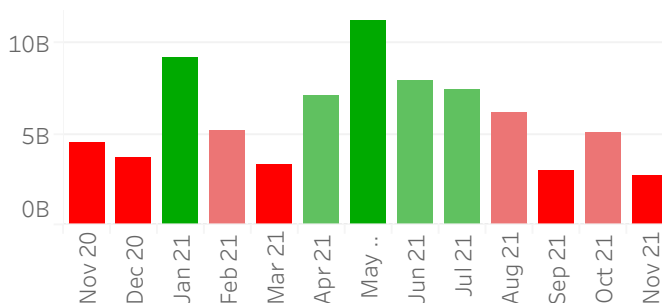
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWH	iShares MSCI Hong Kong ETF	0.95%
ENZL	iShares MSCI New Zealand ETF	0.76%
BBAX	JPMorgan BetaBuilders Developed Asia ex-Japan ETF	0.34%
EPP	iShares MSCI Pacific ex-Japan ETF	0.34%
HEZU	iShares Currency Hedged MSCI Eurozone ETF	0.31%
HEFA	iShares Currency Hedged MSCI EAFE ETF	0.28%
FSZ	First Trust Switzerland AlphaDEX Fund	0.27%
AIA	iShares Asia 50 ETF	0.25%
HEWG	iShares Currency Hedged MSCI Germany ETF	0.24%
HFXI	IQ 50 Percent Hedged FTSE International ETF	0.24%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
HEDJ	WisdomTree Europe Hedged Equity Fund	76.08
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	75.66
EIS	iShares MSCI Israel ETF	72.14
HEZU	iShares Currency Hedged MSCI Eurozone ETF	72.11
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	71.24
HEFA	iShares Currency Hedged MSCI EAFE ETF	70.75
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	69.28
HEWG	iShares Currency Hedged MSCI Germany ETF	66.75
ISRA	VanEck Israel ETF	65.83
IHDG	WisdomTree International Hedged Quality Dividend Grow..	64.88

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EDEN	iShares MSCI Denmark ETF	-1.14%
EIRL	iShares MSCI Ireland ETF	-1.02%
EWO	iShares MSCI Austria ETF	-0.73%
FEUZ	First Trust Eurozone AlphaDEX ETF	-0.61%
IVAL	Alpha Architect International Quantitative Value ETF	-0.61%
EFAD	ProShares MSCI EAFE Dividend Growers ETF	-0.58%
FDD	First Trust Stoxx European Select Dividend Index Fund	-0.56%
IMFL	Invesco International Developed Dynamic Multifactor ETF	-0.55%
INTF	iShares MSCI Intl Multifactor ETF	-0.53%
IQDG	WisdomTree International Quality Dividend Growth Fund	-0.53%

Developed ex-U.S. Most Oversold

Ticker	Fund	Value
EIRL	iShares MSCI Ireland ETF	35.42
DFJ	WisdomTree Japan SmallCap Dividend Fund	41.02
ENZL	iShares MSCI New Zealand ETF	41.85
IVAL	Alpha Architect International Quantitative Value ETF	42.44
DLS	WisdomTree International SmallCap Dividend Fund	43.78
EWP	iShares MSCI Spain ETF	43.99
SCJ	iShares MSCI Japan Small-Cap ETF	44.19
IDV	iShares International Select Dividend ETF	45.02
FDD	First Trust Stoxx European Select Dividend Index Fu..	45.04
DIM	WisdomTree International MidCap Dividend Fund	45.72

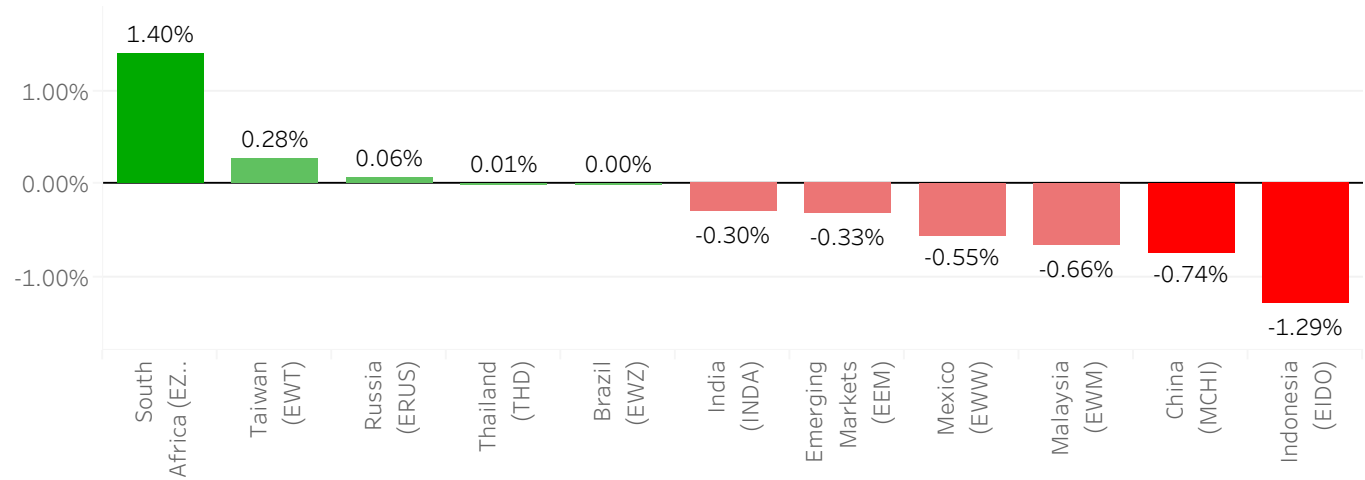
\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



Emerging (EEM)



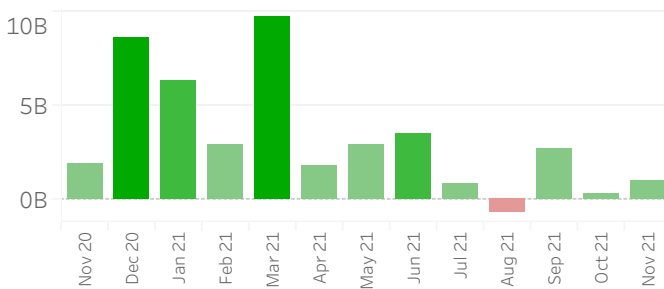
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
TUR	iShares MSCI Turkey ETF	4.34%
EZA	iShares MSCI South Africa ETF	1.40%
DGRE	WisdomTree Emerging Markets Quality Dividend Growt..	0.42%
EWZS	iShares MSCI Brazil Small-Cap ETF	0.33%
AFK	VanEck Africa Index ETF	0.32%
EWT	iShares MSCI Taiwan ETF	0.28%
EDIV	SPDR S&P Emerging Markets Dividend ETF	0.27%
RSX	VanEck Russia ETF	0.22%
QAT	iShares MSCI Qatar ETF	0.19%
EYLD	Cambria Emerging Shareholder Yield ETF	0.14%

Emerging Most Overbought

Ticker	Fund	Value
VNM	VanEck Vietnam ETF	71.72
QAT	iShares MSCI Qatar ETF	71.66
TUR	iShares MSCI Turkey ETF	70.33
EWT	iShares MSCI Taiwan ETF	65.78
EWX	SPDR S&P Emerging Markets Small Cap ETF	63.92
THD	iShares MSCI Thailand ETF	63.67
PIE	Invesco DWA Emerging Markets Momentum ETF	63.10
EEMS	iShares MSCI Emerging Markets Small Cap ETF	61.11
EEMV	iShares MSCI Emerging Markets Min Vol Factor ETF	60.78
FM	iShares MSCI Frontier and Select EM ETF	60.52

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EPOL	iShares MSCI Poland ETF	-2.04%
ECH	iShares MSCI Chile ETF	-1.65%
EPHE	iShares MSCI Philippines ETF	-1.58%
EIDO	iShares MSCI Indonesia ETF	-1.29%
PGJ	Invesco Golden Dragon China ETF	-1.29%
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	-1.24%
FNI	First Trust Chindia ETF	-1.06%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-1.02%
IDX	VanEck Indonesia Index ETF	-0.83%
FLCH	Franklin FTSE China ETF	-0.83%

Emerging Most Oversold

Ticker	Fund	Value
EPOL	iShares MSCI Poland ETF	30.68
EWM	iShares MSCI Malaysia ETF	37.85
ERUS	iShares MSCI Russia ETF	39.45
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	40.02
DVYE	iShares Emerging Markets Dividend ETF	42.17
FEM	First Trust Emerging Markets AlphaDEX Fund	42.23
RSX	VanEck Russia ETF	43.65
EWW	iShares MSCI Mexico ETF	44.17
ILF	iShares Latin America 40 ETF	45.29
DEM	WisdomTree Emerging Markets High Dividend Fund	47.00

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

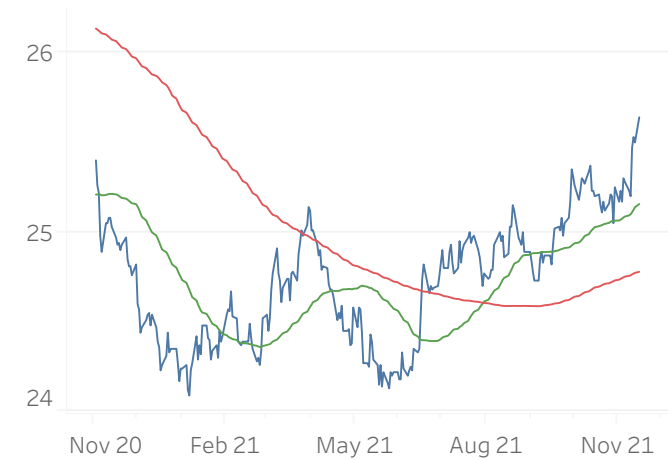
### Fixed Income (AGG)



### 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	-0.37%	-0.43%	-2.16%
SHY	1-3 Year Treasury Bonds	-0.01%	-0.20%	-0.53%
IEF	7-10 Year Treasury Bonds	-0.39%	-0.30%	-4.19%
TLT	20+ Year Treasury Bonds	-1.26%	0.44%	-6.56%
TIP	TIPS Bonds	0.02%	1.56%	5.88%
FLOT	Floating Rate Bonds	0.00%	0.01%	0.52%
LQD	Investment Grade Corporate	-0.76%	-0.74%	-2.62%
HYG	High Yield Corporate	-0.12%	-0.22%	2.75%
BKLN	Senior Loan	0.14%	0.21%	2.02%
PFF	Preferred & Income Securities	-0.05%	0.06%	4.88%
MUB	Municipal Bonds	-0.08%	0.25%	0.51%
MBB	MBS	-0.13%	-0.51%	-1.49%
EMB	Dollar Denominated EM Bonds	-0.26%	-0.26%	-2.68%
LEMB	Local Currency EM Bond	-0.17%	-1.49%	-7.85%

### Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.37%	-1.80%	37.17%
DBE	Energy	0.34%	-2.87%	65.59%
USO	WTI Crude Oil	0.16%	-1.89%	69.86%
BNO	Brent Crude Oil	-0.05%	-2.51%	69.18%
UNG	Natural Gas	4.48%	-10.88%	82.50%
UGA	Gasoline	0.95%	-3.52%	72.32%
DBP	Precious Metals	-0.30%	5.84%	-4.05%
GLD	Gold	-0.15%	5.35%	-2.34%
SLV	Silver	-0.77%	7.69%	-5.41%
PPLT	Platinum	0.57%	2.96%	0.80%
PALL	Palladium	2.23%	4.02%	-12.26%
DBB	Base Metals	-1.45%	-12.09%	21.78%
CPER	Copper	-0.92%	-6.94%	23.96%
LD	Lead	-2.05%	-0.49%	18.26%
JJN	Nickel	-2.62%	-2.63%	16.31%
JJU	Aluminum	-2.11%	-16.82%	30.71%
JJT	Tin	-0.71%	1.97%	111.77%
DBA	Agriculture	0.56%	3.44%	23.05%
CORN	Corn	-0.28%	7.24%	37.80%
SOYB	Soybeans	0.97%	2.24%	12.63%
WEAT	Wheat	0.76%	11.11%	29.24%
CANE	Sugar	-1.35%	-0.52%	41.19%
BAL	Cotton	-0.18%	10.60%	44.86%
NIB	Cocoa	0.45%	-5.14%	-6.47%
JO	Coffee	2.32%	10.41%	65.33%

### Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.55%	1.75%	5.78%
UDN	Short Dollar	-0.47%	-1.84%	-6.71%
FXE	Euro	-0.81%	-2.18%	-7.86%
FXB	British Pound Sterling	-0.10%	-2.49%	-2.29%
FXF	Swiss Franc	-0.57%	-0.48%	-5.40%
FXJ	Japanese Yen	-0.15%	-0.04%	-10.04%
FXC	Canadian Dollar	0.23%	-1.17%	1.27%
FXA	Australian Dollar	0.10%	-1.05%	-5.10%

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

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