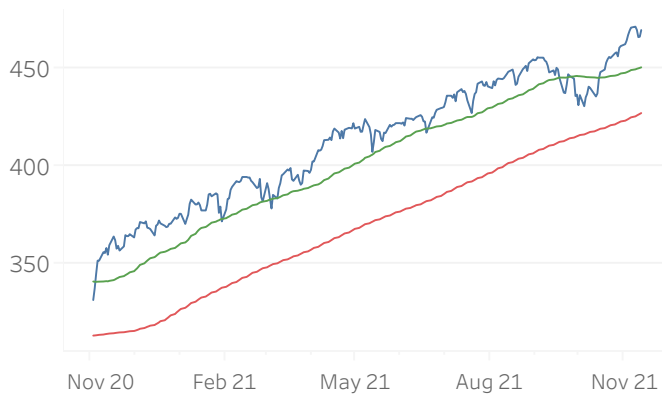
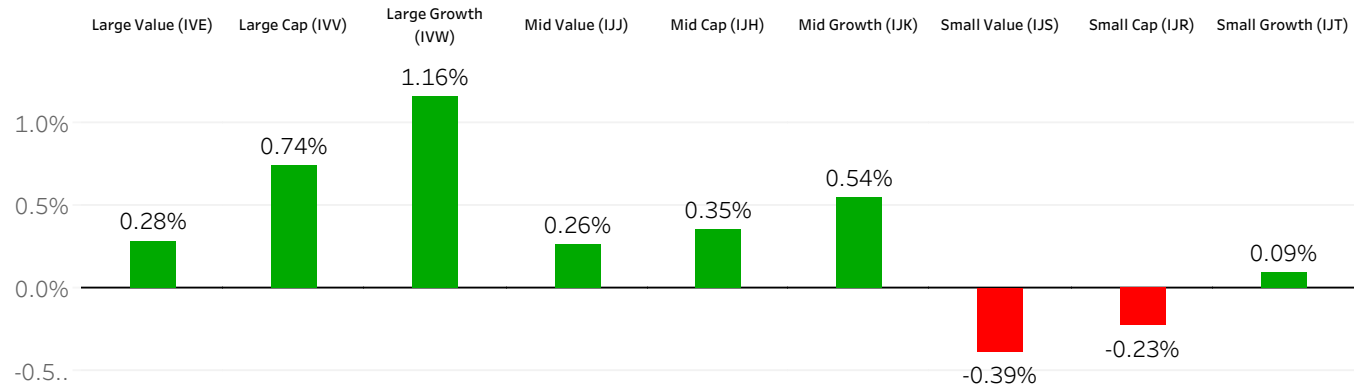


Large Cap Blend (S&P 500) IVV



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	2.90%
MMLG	First Trust Multi-Manager Large Growth ETF	1.78%
QQQN	VictoryShares Nasdaq Next 50 ETF	1.73%
FPX	First Trust US Equity Opportunities ETF	1.67%
LCG	Sterling Capital Focus Equity ETF	1.60%
QQH	HCM Defender 100 Index ETF	1.49%
TMFC	Motley Fool 100 Index ETF	1.46%
MGK	Vanguard Mega Cap Growth ETF	1.32%
SHE	SPDR SSGA Gender Diversity Index ETF	1.30%
DWEQ	AdvisorShares Dorsey Wright Alpha Equal Weight ETF	1.30%

Size & Style Most Overbought

Ticker	Fund	Price
XSLV	Invesco S&P SmallCap Low Volatility ETF	75.40
KLCD	KFA Large Cap Quality Dividend Index ETF	74.19
NOBL	ProShares S&P 500 Dividend Aristocrats ETF	73.85
FLQL	Franklin LibertyQ U.S. Equity ETF	73.57
FLQM	Franklin LibertyQ U.S. Mid Cap Equity ETF	73.07
DGRW	WisdomTree US Quality Dividend Growth Fund	72.95
KRMA	Global X Conscious Companies ETF	72.56
FQAL	Fidelity Quality Factor ETF	72.45
DSTL	Distillate US Fundamental Stability & Value ETF	72.43
BFOR	ALPS Barron's 400 ETF	72.10

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
JSML	Janus Henderson Small Cap Growth Alpha ETF	-0.49%
SVAL	iShares US Small Cap Value Factor ETF	-0.42%
IJS	iShares S&P Small-Cap 600 Value ETF	-0.39%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	-0.36%
SLYV	SPDR S&P 600 Small Cap Value ETF	-0.35%
DEEP	Roundhill Acquirers Deep Value ETF	-0.34%
XSVM	Invesco S&P SmallCap Value with Momentum ETF	-0.34%
VIOV	Vanguard S&P Small-Cap 600 Value ETF	-0.32%
SMDV	ProShares Russell 2000 Dividend Growers ETF	-0.30%
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	-0.28%

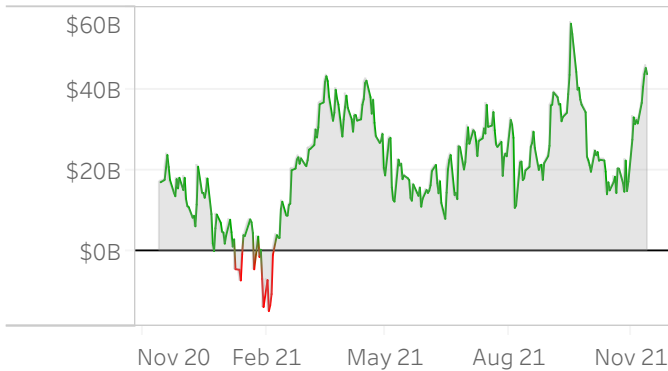
Size & Style Most Oversold

Ticker	Fund	Price
MFMS	Motley Fool Small-Cap Growth ETF	46.70
CSD	Invesco S&P Spin-Off ETF	51.36
IPO	Renaissance IPO ETF	53.81
GURU	Global X Guru Index ETF	53.92
BUZZ	VanEck Social Sentiment ETF	54.04
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	55.39
DURA	VanEck Morningstar Durable Dividend ETF	55.55
QQXT	First Trust Nasdaq-100 Ex-Technology Sector Index ..	55.91
MTUM	iShares MSCI USA Momentum Factor ETF	55.92
FFTY	Innovator IBD 50 ETF	55.98

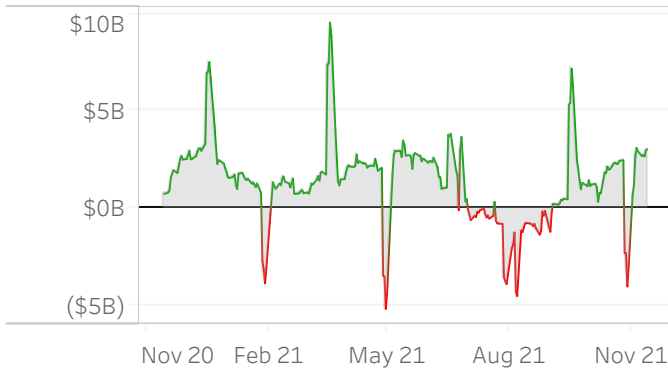
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

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

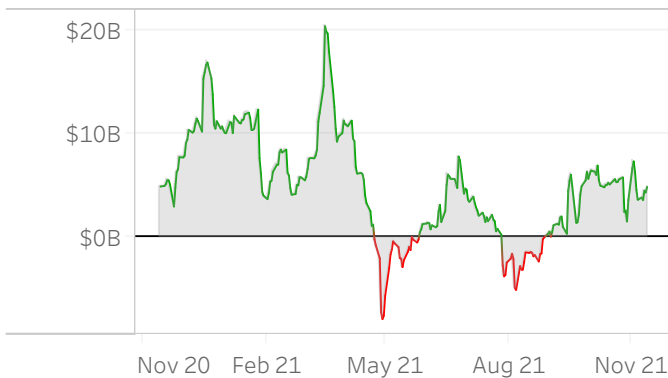
Large-Cap 30-Day Rolling Flows



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	\$1,359B	\$1.08B	\$50.97B	\$77.42B	\$103.42B
Small Cap, Beta, Beta	12	\$238B	\$0.72B	\$8.11B	\$10.68B	\$27.33B
Mid Cap, Beta, Beta	10	\$199B	\$0.62B	\$3.24B	\$3.27B	\$9.76B
Large Cap, Beta Growth, Beta: Value	11	\$211B	\$0.33B	\$5.52B	\$10.20B	\$32.94B
Small Cap, Beta, Beta: Growth	7	\$41B	\$0.15B	\$0.10B	\$0.26B	\$0.80B
Small Cap, Beta, Beta: Value	7	\$61B	\$0.06B	\$0.73B	\$0.27B	\$8.48B
Mid Cap, Beta, Beta: Growth	6	\$43B	\$0.05B	\$0.45B	\$0.14B	(\$2.11B)
Mid Cap, Beta, Beta: Value	6	\$43B	\$0.01B	\$0.62B	\$0.12B	\$4.70B
Large Cap, Beta Growth, Beta: Growth	10	\$274B	(\$0.38B)	\$2.78B	\$9.31B	\$5.08B

U.S. Size & Style Flow Leaders

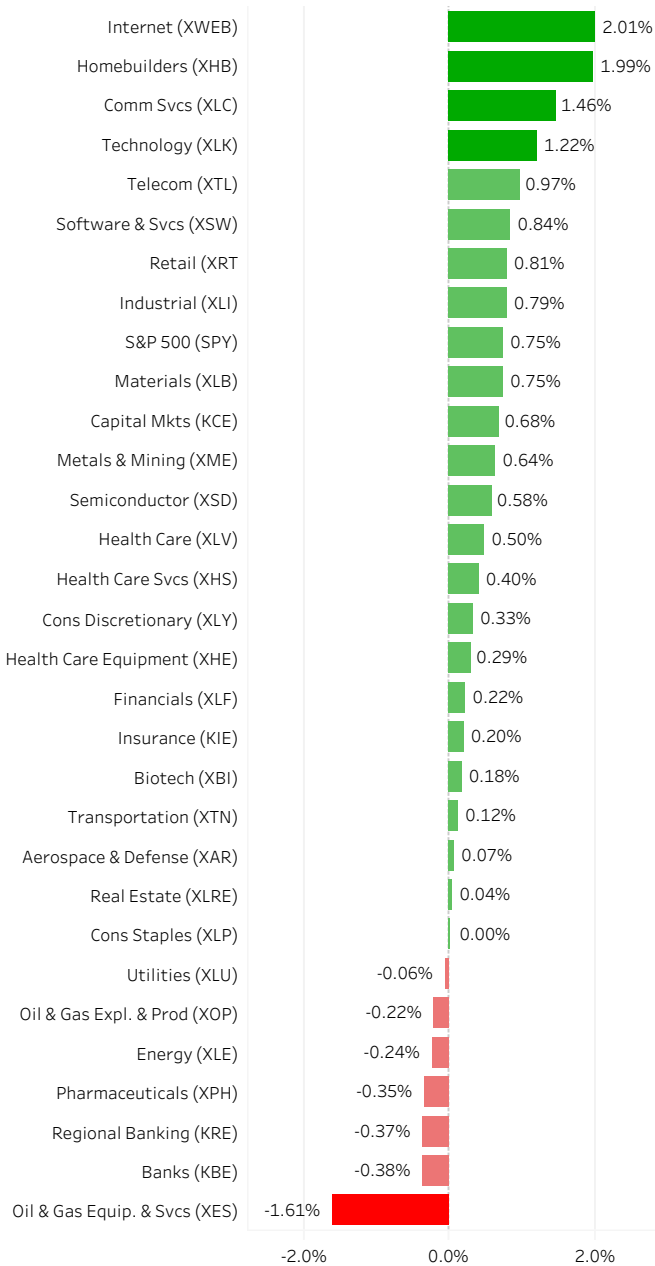
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	\$1.48B	\$13.40B	\$24.86B	\$43.56B	\$273.81B
IVV	iShares Core S&P 500 ETF	\$1.31B	\$9.47B	\$12.65B	\$20.79B	\$322.15B
VTI	Vanguard Total Stock Market ETF	\$0.73B	\$9.81B	\$21.01B	\$44.28B	\$288.91B
MDY	SPDR S&P Midcap 400 ETF Trust	\$0.29B	(\$0.22B)	(\$0.97B)	(\$0.08B)	\$22.18B
IJR	iShares Core S&P Small Cap ETF	\$0.29B	\$2.22B	\$1.29B	\$5.21B	\$76.47B
SUSA	iShares MSCI USA ESG Select ETF	\$0.20B	\$0.53B	\$0.84B	\$1.49B	\$4.39B
VTV	Vanguard Value ETF	\$0.13B	\$2.99B	\$5.99B	\$16.04B	\$90.09B
LCTU	BlackRock U.S. Carbon Transition Readiness E..	\$0.13B	\$0.13B	\$0.13B	\$1.44B	\$1.64B
VB	Vanguard Small-Cap ETF	\$0.13B	\$1.26B	\$2.49B	\$6.63B	\$51.37B
VO	Vanguard Mid-Cap ETF	\$0.13B	\$1.66B	\$3.02B	\$5.00B	\$56.51B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
EQRR	ProShares Equities for Rising Rates ETF	(\$1.36B)	\$0.33B	\$0.33B	\$0.33B	\$0.01B
IWF	iShares Russell 1000 Growth ETF	(\$0.54B)	(\$0.41B)	\$0.32B	(\$2.44B)	\$77.38B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.21B)	\$1.22B	\$0.87B	\$1.30B	\$16.89B
VLUE	iShares MSCI USA Value Factor ETF	(\$0.09B)	(\$0.52B)	(\$0.75B)	\$4.75B	\$15.87B
IJJ	iShares S&P Mid-Cap 400 Value ETF	(\$0.05B)	\$0.17B	\$0.10B	\$1.92B	\$9.41B
IWN	iShares Russell 2000 Value ETF	(\$0.04B)	(\$0.02B)	(\$0.91B)	\$1.84B	\$16.99B
USSG	Xtrackers MSCI USA ESG Leaders Equity ETF	(\$0.04B)	\$0.06B	\$0.05B	\$0.39B	\$4.13B
SPSM	SPDR Portfolio S&P 600 Small Cap ETF	(\$0.04B)	\$0.25B	\$0.31B	\$0.48B	\$4.70B
IWV	iShares Russell 3000 ETF	(\$0.03B)	(\$0.08B)	(\$0.11B)	(\$0.66B)	\$12.60B
IWB	iShares Russell 1000 ETF	(\$0.03B)	(\$0.92B)	(\$0.41B)	(\$0.61B)	\$31.34B

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

S&P Sector & Industry 1 Day Performance



Select Sector SPDRs Technicals

Ticker	Fund Name	% From 52W High	% From 52W Low	% Abv/Below 50 SMA	% Abv/Below 200 SMA	RSI (14D)
XLB	Materials Select Sector SPDR Fund	0.00%	28.71%	7.56%	9.28%	74.79
XLI	Industrial Select Sector SPDR Fund	-0.19%	26.11%	4.32%	5.81%	65.86
XLP	Consumer Staples Select Sector SPDR Fund	-0.22%	15.07%	2.45%	4.37%	65.52
SPY	SPDR S&P 500 ETF Trust	-0.35%	29.06%	4.29%	9.89%	68.35
XLK	Technology Select Sector SPDR Fund	-0.40%	37.13%	6.31%	14.43%	68.92
XLRE	Real Estate Select Sector SPDR Fund	-1.11%	37.45%	2.94%	9.99%	59.82
XLF	Financial Select Sector SPDR Fund	-1.16%	44.01%	3.20%	9.43%	56.51
XLV	Health Care Select Sector SPDR Fund	-2.22%	23.40%	2.09%	6.66%	58.33
XLE	Energy Select Sector SPDR Fund	-2.69%	56.56%	5.96%	11.89%	54.08
XLY	Consumer Discretionary Select Sector SPDR Fund	-3.54%	30.78%	7.21%	14.36%	62.33
XLU	Utilities Select Sector SPDR Fund	-4.88%	14.20%	0.47%	2.06%	50.90
XLC	Communication Services Select Sector SPDR Fund	-5.60%	24.82%	-0.37%	2.74%	52.37

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PNQI	Invesco NASDAQ Internet ETF	2.35%
FDN	First Trust Dow Jones Internet Index Fund	2.20%
XWEB	SPDR S&P Internet ETF	2.01%
XHB	SPDR S&P Homebuilders ETF	1.99%
PKB	Invesco Dynamic Building & Construction ETF	1.84%
PTF	Invesco DWA Technology Momentum ETF	1.83%
IGV	iShares Expanded Tech-Software Sector ETF	1.67%
ITB	iShares U.S. Home Construction ETF	1.66%
IGM	iShares Expanded Tech Sector ETF	1.60%
XNTK	SPDR NYSE Technology ETF	1.57%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
INDS	Pacer Benchmark Industrial Real Estate SCTR ETF	77.50
PSCI	Invesco S&P SmallCap Industrials ETF	76.02
AIRR	First Trust RBA American Industrial Renaissance ETF	75.71
PRN	Invesco DWA Industrials Momentum ETF	75.10
XLB	Materials Select Sector SPDR Fund	74.79
FMAT	Fidelity MSCI Materials Index ETF	74.60
VAW	Vanguard Materials ETF	74.15
PSI	Invesco Dynamic Semiconductors ETF	73.77
XHB	SPDR S&P Homebuilders ETF	72.90
SOXX	iShares Semiconductor ETF	72.46

Sector & Industry 1 Day Performance Laggards

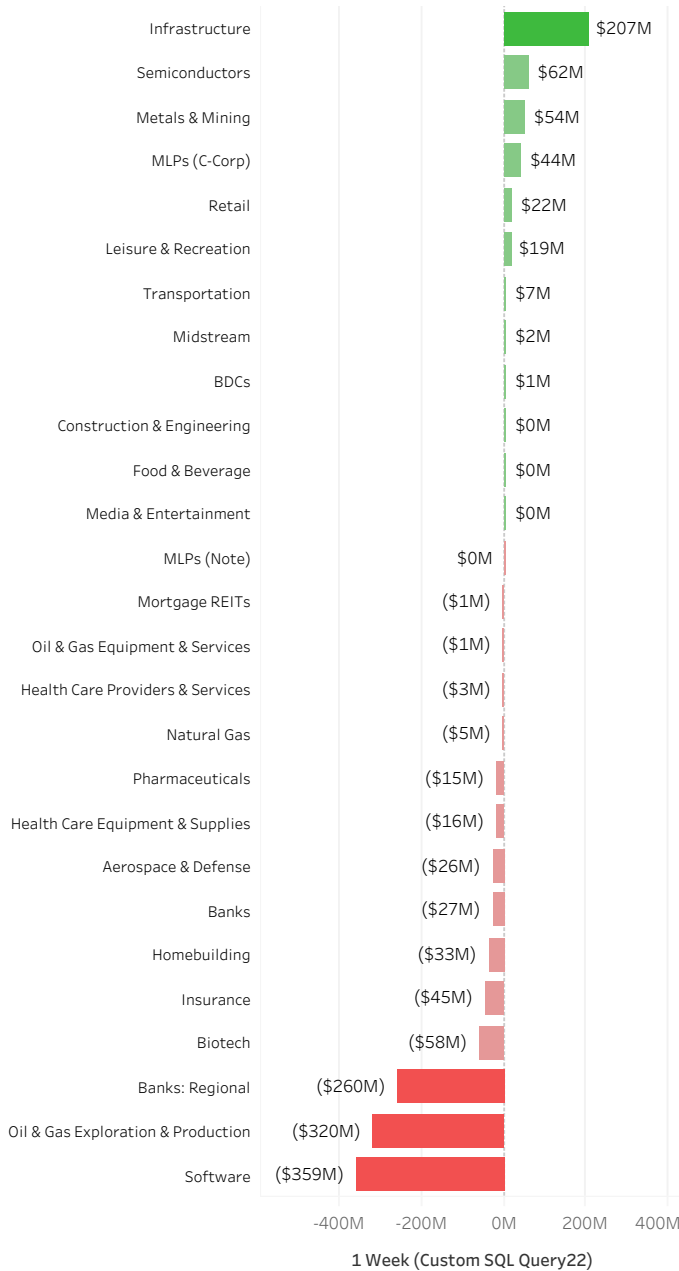
Ticker	Fund	1 Day Performance
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-1.61%
PSCE	Invesco S&P SmallCap Energy ETF	-1.44%
IEZ	iShares U.S. Oil Equipment & Services ETF	-1.25%
ROOF	IQ US Real Estate Small Cap ETF	-0.86%
QABA	First Trust NASDAQ ABA Community Bank Index Fund	-0.86%
PSCF	Invesco S&P SmallCap Financials ETF	-0.77%
KBWR	Invesco KBW Regional Banking ETF	-0.72%
PSCC	Invesco S&P SmallCap Consumer Staples ETF	-0.72%
FTXN	First Trust Nasdaq Oil & Gas ETF	-0.70%
KBWY	Invesco KBW Premium Yield Equity REIT ETF	-0.69%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
FBT	First Trust NYSE Arca Biotechnology Index Fund	36.22
ENFR	Alerian Energy Infrastructure ETF	37.54
PBE	Invesco Dynamic Biotechnology & Genome ETF	38.27
IBB	iShares Biotechnology ETF	38.41
XES	SPDR S&P Oil & Gas Equipment & Services ETF	41.95
IEZ	iShares U.S. Oil Equipment & Services ETF	42.75
MLPX	Global X MLP & Energy Infrastructure ETF	43.64
PEJ	Invesco Dynamic Leisure & Entertainment ETF	45.77
XHE	SPDR S&P Health Care Equipment ETF	46.23
XBI	SPDR S&P BIOTECH ETF	47.67

* 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	\$117M	\$917M	\$2,120M	\$1,933M
Consumer Discretionary	13	\$38B	\$407M	\$1,099M	\$127M	\$3,584M
Consumer Staples	12	\$21B	(\$10M)	(\$843M)	\$904M	(\$2,994M)
Energy	34	\$56B	(\$591M)	\$223M	\$427M	\$10,417M
Financials	28	\$86B	(\$40M)	\$2,853M	\$803M	\$23,909M
Health Care	26	\$91B	(\$224M)	\$1,752M	\$3,498M	\$3,529M
Industrial	14	\$36B	(\$64M)	(\$2,004M)	(\$3,785M)	\$2,425M
Materials	10	\$17B	\$196M	(\$957M)	(\$904M)	\$4,807M
Multi-Sector	17	\$27B	\$198M	\$937M	\$945M	\$4,069M
Real Estate	22	\$79B	\$22M	\$4,516M	\$7,956M	\$13,053M
Technology	24	\$154B	(\$756M)	\$3,566M	\$5,787M	\$3,858M
Utilities	10	\$20B	(\$25M)	(\$666M)	\$360M	(\$523M)

U.S. Sector & Industry Flow Leaders

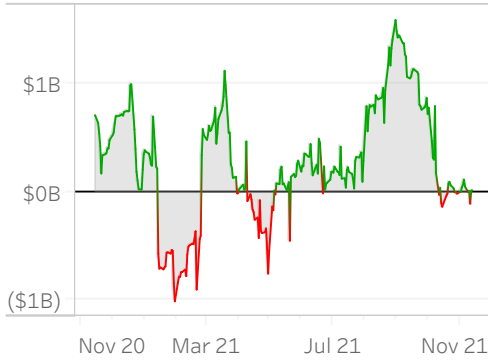
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	\$273M	\$1,570M	(\$738M)	\$12,550M	\$45,695M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$248M	\$1,221M	(\$50M)	\$1,055M	\$23,219M
PAVE	Global X U.S. Infrastructure Development ETF	\$211M	\$651M	\$1,420M	\$3,947M	\$5,318M
VNQ	Vanguard Real Estate ETF	\$158M	\$1,291M	\$3,056M	\$6,415M	\$46,651M
XLB	Materials Select Sector SPDR Fund	\$156M	(\$501M)	(\$647M)	\$2,303M	\$8,646M
KBE	SPDR S&P Bank ETF	\$95M	\$72M	(\$589M)	\$346M	\$3,529M
XLC	Communication Services Select Sector SPDR Fu..	\$89M	\$802M	\$1,218M	\$832M	\$15,095M
IYC	iShares U.S. Consumer Discretionary ETF	\$85M	(\$11M)	(\$168M)	\$40M	\$1,508M
ITB	iShares U.S. Home Construction ETF	\$56M	\$143M	(\$212M)	(\$79M)	\$2,746M
XME	SPDR S&P Metals & Mining ETF	\$54M	(\$121M)	(\$307M)	\$736M	\$2,000M

U.S. Sector & Industry Flow Laggards

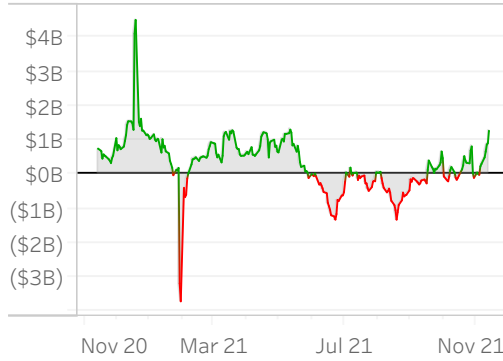
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IGV	iShares Expanded Tech-Software Sector ETF	(\$352M)	\$266M	\$189M	(\$748M)	\$6,276M
XLE	Energy Select Sector SPDR Fund	(\$339M)	\$453M	\$756M	\$6,964M	\$27,055M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$320M)	(\$676M)	(\$843M)	(\$479M)	\$3,820M
KRE	SPDR S&P Regional Banking ETF	(\$250M)	\$80M	(\$336M)	\$2,472M	\$5,470M
XLV	Health Care Select Sector SPDR Fund	(\$126M)	\$719M	\$3,019M	\$2,899M	\$32,704M
KBWB	Invesco KBW Bank ETF	(\$115M)	(\$31M)	\$359M	\$1,449M	\$3,389M
RYT	Invesco S&P 500 Equal Weight Technology ETF	(\$94M)	(\$86M)	(\$61M)	\$55M	\$2,877M
XHB	SPDR S&P Homebuilders ETF	(\$89M)	\$71M	(\$216M)	\$171M	\$2,128M
XLI	Industrial Select Sector SPDR Fund	(\$84M)	(\$1,579M)	(\$2,491M)	\$100M	\$18,288M
IBB	iShares Biotechnology ETF	(\$77M)	(\$491M)	(\$423M)	(\$726M)	\$9,876M

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

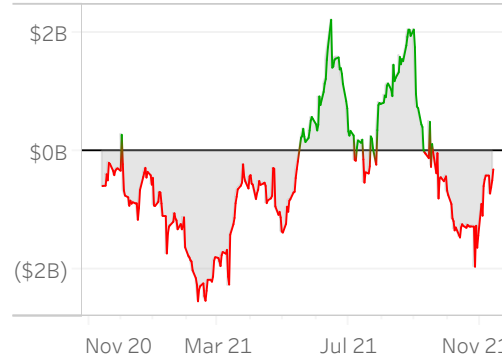
Communication Services



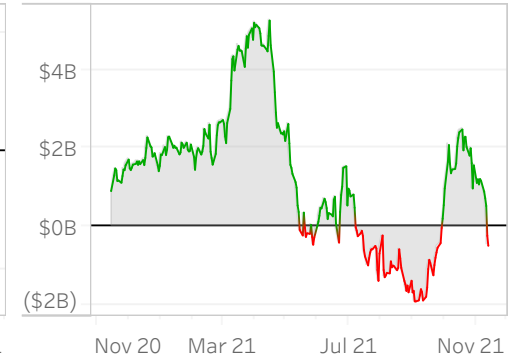
Consumer Discretionary



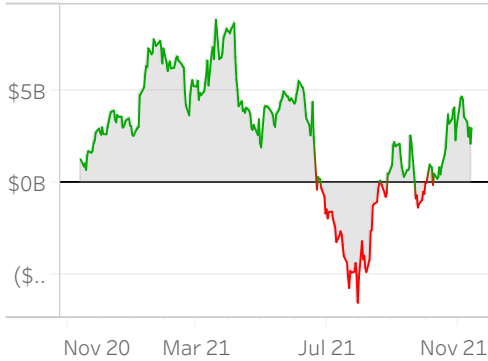
Consumer Staples



Energy



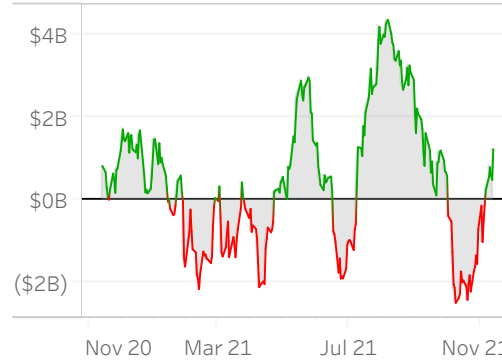
Financials



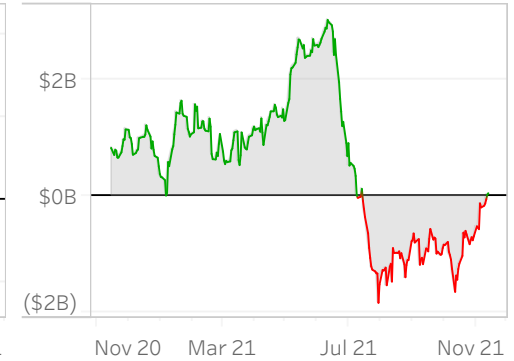
Industrial



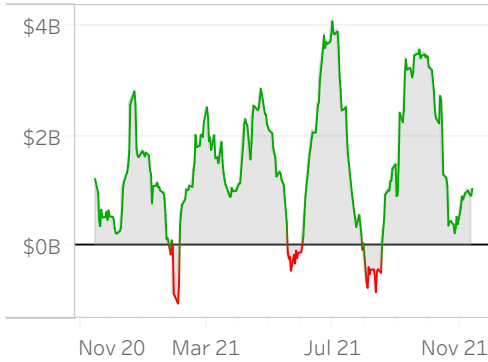
Health Care



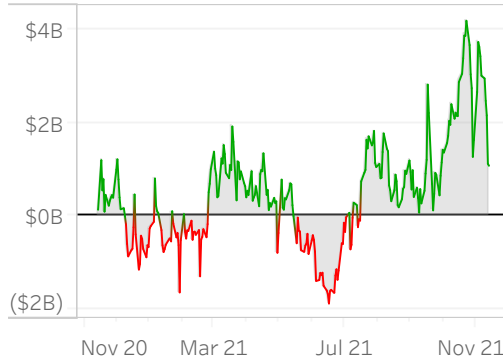
Materials



Real Estate



Technology



Utilities

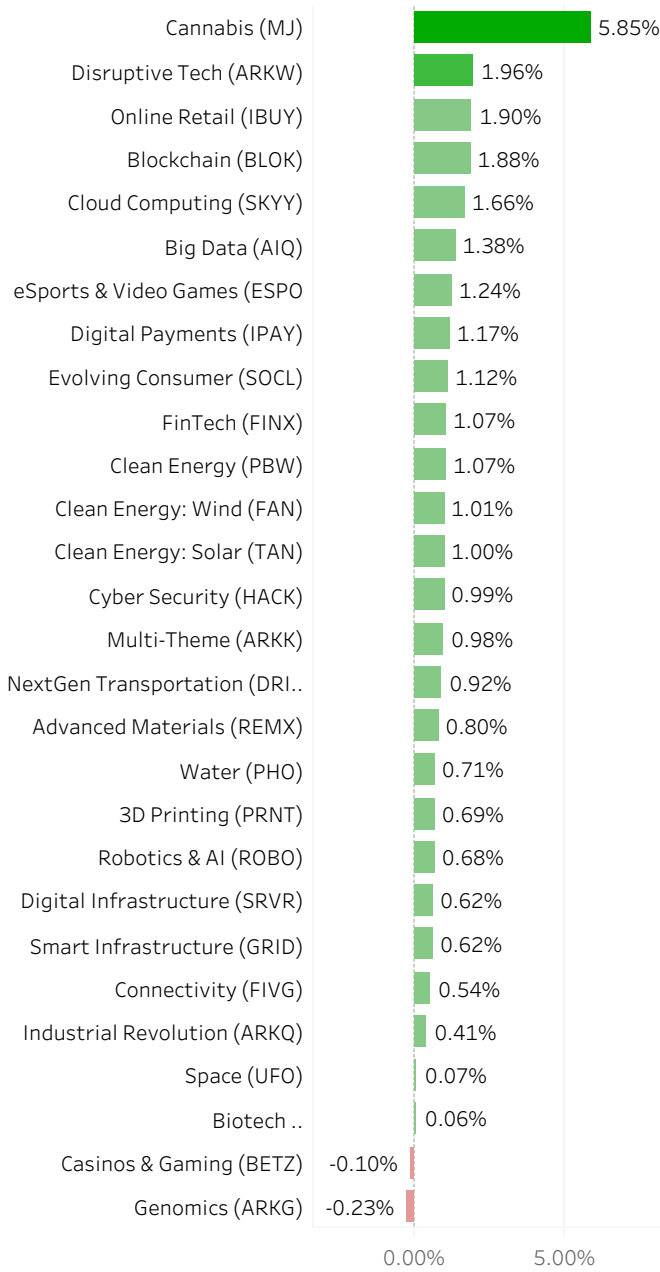


Multi-Sector



* 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
POTX	Global X Cannabis ETF	8.90%
MSOS	AdvisorShares Pure US Cannabis ETF	6.15%
YOLO	AdvisorShares Pure Cannabis ETF	5.87%
MJ	ETFMG Alternative Harvest ETF	5.85%
THCX	Cannabis ETF	4.94%
CNBS	Amplify Seymour Cannabis ETF	4.81%
BKCH	Global X Blockchain ETF	3.74%
HDRO	Defiance Next Gen H2 ETF	2.69%
DAPP	VanEck Digital Transformation ETF	2.39%
META	Roundhill Ball Metaverse ETF	2.24%

Thematic Most Overbought

Ticker	Fund	Price
GAMR	Wedbush ETFMG Video Game Tech ETF	76.40
ESPO	VanEck Video Gaming and eSports ETF	75.71
HERO	Global X Video Games & Esports ETF	75.12
EBLU	Ecofin Global Water ESG Fund	74.06
FIW	First Trust Water ETF	73.47
NERD	Roundhill BITKRAFT Esports & Digital Entertainment ETF	72.41
FIVG	Defiance Next Gen Connectivity ETF	71.63
CGW	Invesco S&P Global Water Index ETF	71.53
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	70.52
PHO	Invesco Water Resources ETF	70.51

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
GNOM	Global X Genomics & Biotechnology ETF	-0.42%
BATT	Amplify Lithium & Battery Technology ETF	-0.25%
ARKG	ARK Genomic Revolution ETF	-0.23%
BTEC	Principal Healthcare Innovators ETF	-0.12%
BETZ	Roundhill Sports Betting & iGaming ETF	-0.10%
LIT	Global X Lithium & Battery Tech ETF	-0.06%
SMOG	VanEck Low Carbon Energy ETF	-0.03%
ERTH	Invesco MSCI Sustainable Future ETF	0.01%
AWAY	ETFMG Travel Tech ETF	0.04%
SBIO	ALPS Medical Breakthroughs ETF	0.06%

Thematic Most Oversold

Ticker	Fund	Price
BETZ	Roundhill Sports Betting & iGaming ETF	35.56
GERM	ETFMG Treatments Testing and Advancements ETF	38.33
BJK	VanEck Gaming ETF	38.85
IPAY	ETFMG Prime Mobile Payments ETF	38.99
IDNA	iShares Genomics Immunology and Healthcare ETF Geno..	40.36
ARKG	ARK Genomic Revolution ETF	41.27
BTEC	Principal Healthcare Innovators ETF	43.68
GNOM	Global X Genomics & Biotechnology ETF	45.00
HTEC	ROBO Global Healthcare Technology and Innovation ETF	45.94
FAN	First Trust Global Wind Energy ETF	46.76

* 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	\$369M
MSOS	AdvisorShares Pure US Cannabis ETF	\$263M
META	Roundhill Ball Metaverse ETF	\$165M
BUG	Global X Cybersecurity ETF	\$164M
LIT	Global X Lithium & Battery Tech ETF	\$103M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$97M
KWEB	KraneShares CSI China Internet ETF	\$77M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$73M
EDOC	Global X Telemedicine & Digital Health ETF	\$70M
DRIV	Global X Autonomous & Electric Vehicles ETF	\$44M

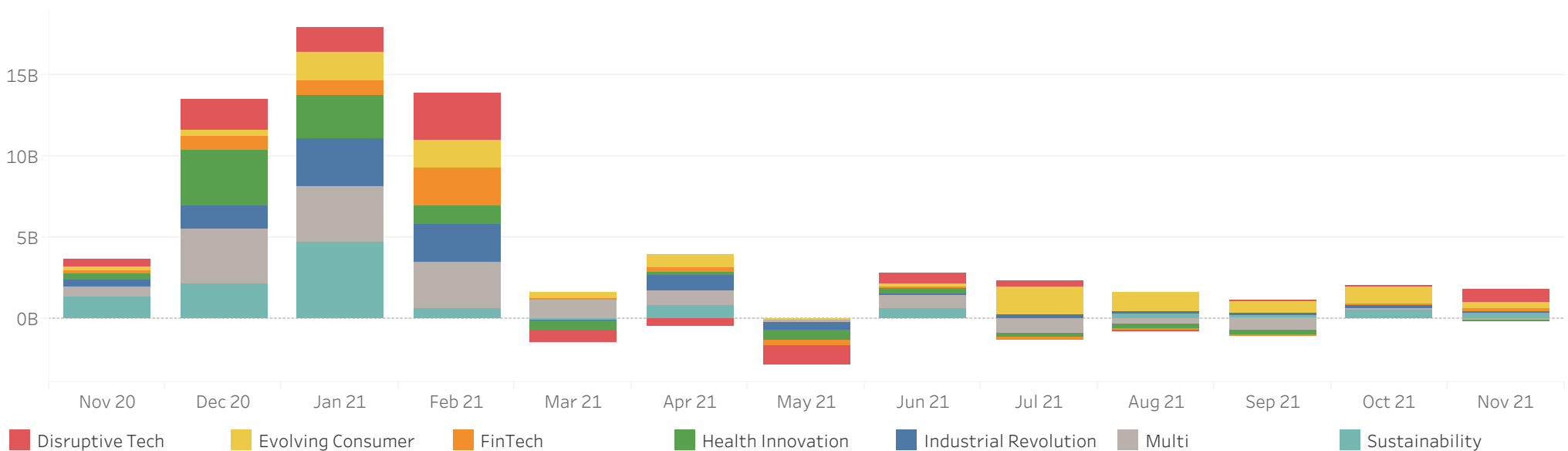
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$234M)
ARKG	ARK Genomic Revolution ETF	(\$159M)
TAN	Invesco Solar ETF	(\$85M)
ARKW	ARK Next Generation Internet ETF	(\$70M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$44M)
ARKF	ARK Fintech Innovation ETF	(\$18M)
EMQQ	Emerging Markets Internet & Ecommerce ETF	(\$10M)
WCLD	WisdomTree Cloud Computing Fund	(\$8M)
ARKX	ARK Space Exploration & Innovation ETF	(\$7M)
MOON	Direxion Moonshot Innovators ETF	(\$4M)

Thematic Landscape Assets & Flows

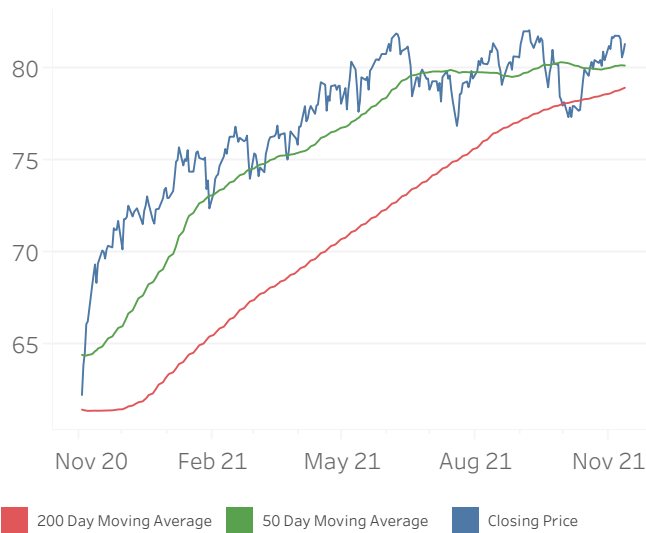
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	36	\$32B	\$571M	\$849M	\$1,600M	\$6,134M
Evolving Consumer	41	\$19B	\$336M	\$3,238M	\$5,607M	\$10,569M
FinTech	16	\$8B	\$44M	\$56M	(\$58M)	\$4,436M
Health Innovation	15	\$9B	(\$59M)	(\$490M)	(\$441M)	\$6,156M
Industrial Revolution	24	\$19B	\$110M	\$538M	\$855M	\$8,327M
Multi	28	\$30B	\$159M	(\$731M)	(\$746M)	\$11,080M
Sustainability	36	\$26B	\$14M	\$1,322M	\$2,384M	\$11,883M
Grand Total	196	\$143B	\$1,174M	\$4,782M	\$9,202M	\$58,585M

Thematic Monthly Flows

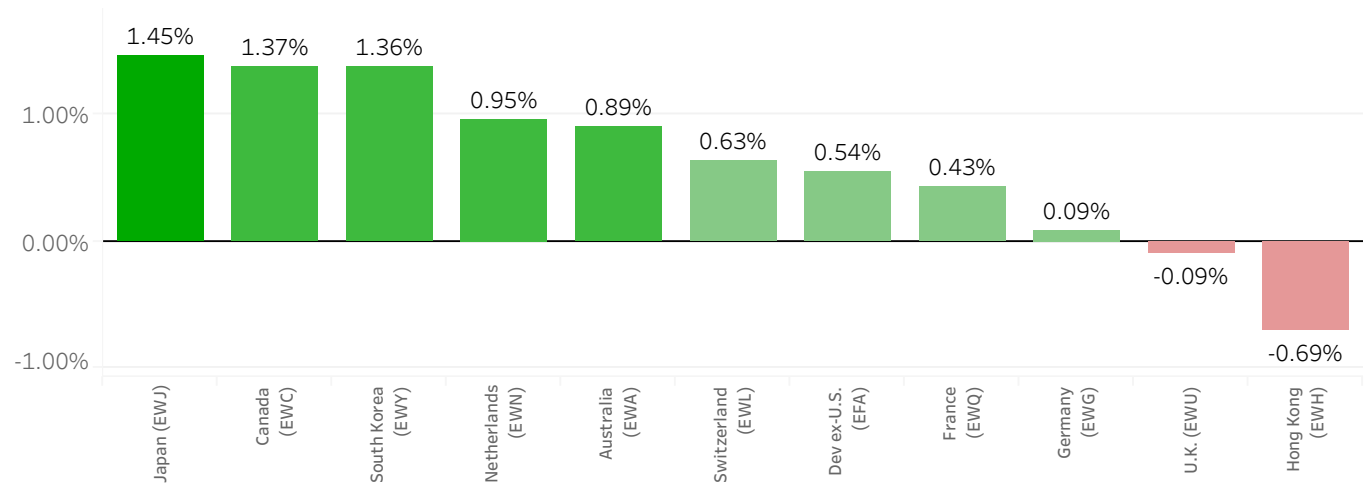


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

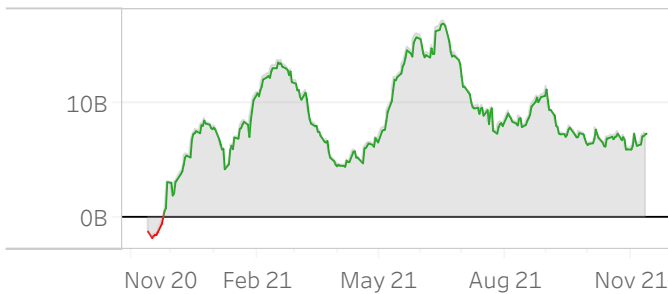
Developed ex-U.S. (EFA)



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



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



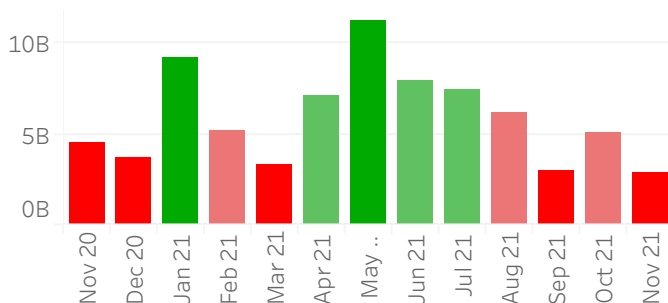
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWJ	iShares MSCI Japan ETF	1.45%
BBJP	JPMorgan BetaBuilders Japan ETF	1.44%
EWJV	iShares MSCI Japan Value ETF	1.40%
FLKR	Franklin FTSE South Korea ETF	1.40%
JPXN	iShares JPX-Nikkei 400 ETF	1.37%
EWC	iShares MSCI Canada ETF	1.37%
EWY	iShares MSCI South Korea ETF	1.36%
BBCA	JPMorgan BetaBuilders Canada ETF	1.32%
FLJP	Franklin FTSE Japan ETF	1.25%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	1.18%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
HEDJ	WisdomTree Europe Hedged Equity Fund	75.88
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	74.67
EIS	iShares MSCI Israel ETF	72.01
HEZU	iShares Currency Hedged MSCI Eurozone ETF	70.59
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	70.37
HEFA	iShares Currency Hedged MSCI EAFE ETF	69.04
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	68.07
TOK	iShares MSCI Kokusai ETF	67.46
ISRA	VanEck Israel ETF	66.53
IHDG	WisdomTree International Hedged Quality Dividend Grow..	65.35

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWO	iShares MSCI Austria ETF	-1.16%
ENZL	iShares MSCI New Zealand ETF	-0.93%
GREK	Global X MSCI Greece ETF	-0.92%
EWH	iShares MSCI Hong Kong ETF	-0.69%
ENOR	iShares MSCI Norway ETF	-0.29%
EWP	iShares MSCI Spain ETF	-0.29%
FLGB	Franklin FTSE United Kingdom ETF	-0.24%
FDD	First Trust Stoxx European Select Dividend Index Fund	-0.21%
EWU	iShares MSCI United Kingdom ETF	-0.21%
EWS	iShares MSCI Singapore ETF	0.00%

Developed ex-U.S. Most Oversold

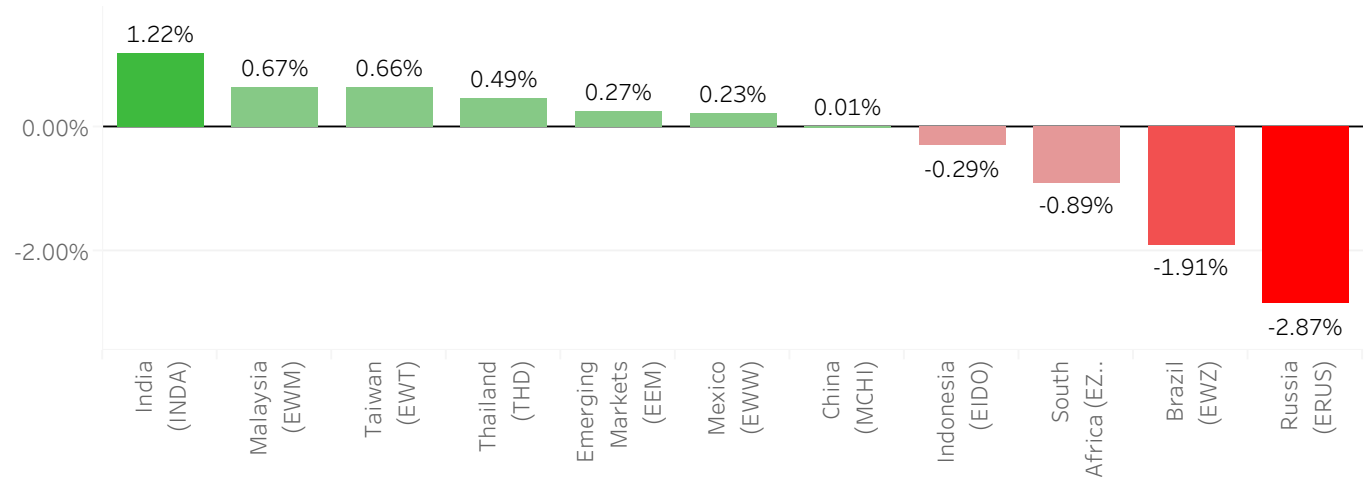
Ticker	Fund	Value
ENZL	iShares MSCI New Zealand ETF	37.19
EIRL	iShares MSCI Ireland ETF	38.81
DFJ	WisdomTree Japan SmallCap Dividend Fund	43.18
IVAL	Alpha Architect International Quantitative Value ETF	45.11
EWH	iShares MSCI Hong Kong ETF	45.66
DLS	WisdomTree International SmallCap Dividend Fund	46.01
EWUS	iShares MSCI United Kingdom Small Cap ETF	46.13
SCJ	iShares MSCI Japan Small-Cap ETF	46.31
EWP	iShares MSCI Spain ETF	46.46
IDV	iShares International Select Dividend ETF	46.54

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

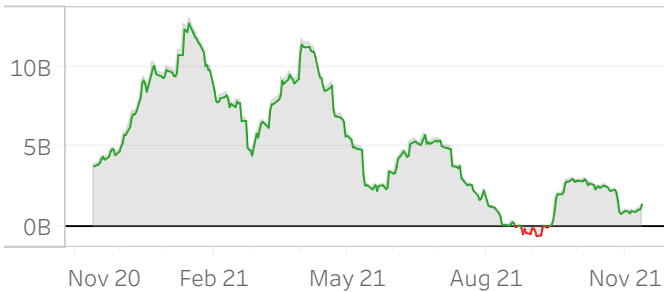
Emerging (EEM)



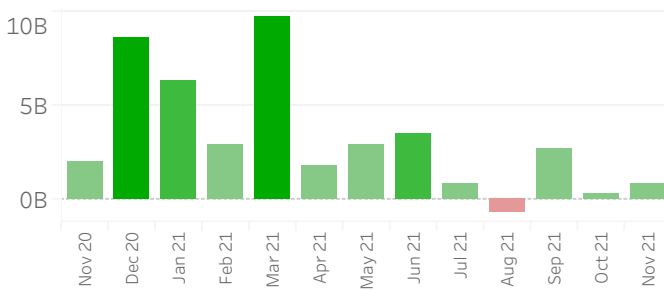
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
INDA	iShares MSCI India ETF	1.22%
FNI	First Trust Chindia ETF	1.15%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	1.14%
PIN	Invesco India ETF	1.14%
PGJ	Invesco Golden Dragon China ETF	1.09%
INDY	iShares India 50 ETF	1.02%
EPHE	iShares MSCI Philippines ETF	1.00%
JHEM	John Hancock Multifactor Emerging Markets ETF	0.76%
GLIN	VanEck India Growth Leaders ETF	0.75%
EPI	WisdomTree India Earnings Fund	0.70%

Emerging Most Overbought

Ticker	Fund	Value
EPHE	iShares MSCI Philippines ETF	71.07
VNM	VanEck Vietnam ETF	70.91
QAT	iShares MSCI Qatar ETF	70.60
EWT	iShares MSCI Taiwan ETF	64.77
KSA	iShares MSCI Saudi Arabia ETF	64.35
EWX	SPDR S&P Emerging Markets Small Cap ETF	64.27
THD	iShares MSCI Thailand ETF	63.60
FM	iShares MSCI Frontier and Select EM ETF	63.53
PIE	Invesco DWA Emerging Markets Momentum ETF	63.37
ECH	iShares MSCI Chile ETF	63.04

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EWZS	iShares MSCI Brazil Small-Cap ETF	-2.94%
ERUS	iShares MSCI Russia ETF	-2.87%
RSX	VanEck Russia ETF	-2.46%
EWZ	iShares MSCI Brazil ETF	-1.91%
FLBR	Franklin FTSE Brazil ETF	-1.89%
ECH	iShares MSCI Chile ETF	-1.20%
ILF	iShares Latin America 40 ETF	-0.93%
EZA	iShares MSCI South Africa ETF	-0.89%
DVYE	iShares Emerging Markets Dividend ETF	-0.89%
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	-0.88%

Emerging Most Oversold

Ticker	Fund	Value
EPOL	iShares MSCI Poland ETF	37.21
ERUS	iShares MSCI Russia ETF	39.18
EWM	iShares MSCI Malaysia ETF	41.36
RSX	VanEck Russia ETF	42.75
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	44.35
FEM	First Trust Emerging Markets AlphaDEX Fund	44.39
DVYE	iShares Emerging Markets Dividend ETF	45.49
ILF	iShares Latin America 40 ETF	46.46
EWW	iShares MSCI Mexico ETF	46.79
EZA	iShares MSCI South Africa ETF	48.04

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

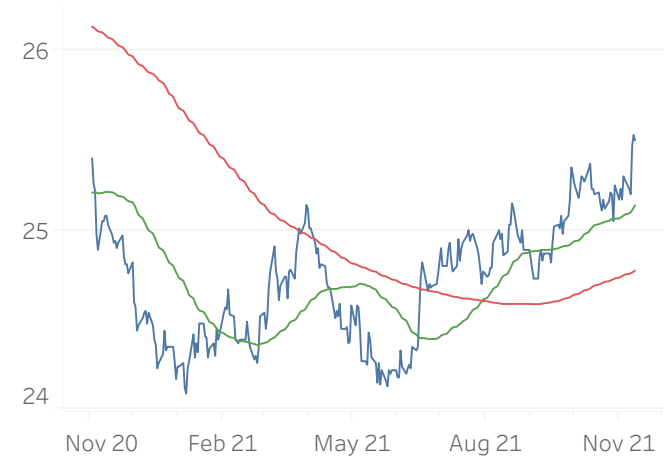
Fixed Income (AGG)



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	-0.02%	0.11%	-1.80%
SHY	1-3 Year Treasury Bonds	0.08%	-0.28%	-0.51%
IEF	7-10 Year Treasury Bonds	0.21%	0.03%	-3.81%
TLT	20+ Year Treasury Bonds	-0.44%	2.49%	-5.38%
TIP	TIPS Bonds	-0.02%	2.04%	5.86%
FLOT	Floating Rate Bonds	0.04%	0.07%	0.52%
LQD	Investment Grade Corporate	-0.11%	0.64%	-1.87%
HYG	High Yield Corporate	0.03%	0.55%	2.86%
BKLN	Senior Loan	-0.23%	0.12%	1.89%
PFF	Preferred & Income Securities	-0.05%	1.08%	4.93%
MUB	Municipal Bonds	-0.05%	0.30%	0.58%
MBB	MBS	-0.02%	-0.32%	-1.36%
EMB	Dollar Denominated EM Bonds	0.26%	0.95%	-2.43%
LEMB	Local Currency EM Bond	-0.18%	-0.83%	-7.69%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.27%	0.27%	36.67%
DBE	Energy	-0.50%	-0.83%	65.04%
USO	WTI Crude Oil	-0.43%	-0.23%	69.59%
BNO	Brent Crude Oil	-0.55%	-0.77%	69.25%
UNG	Natural Gas	-6.13%	-14.79%	74.67%
UGA	Gasoline	0.09%	-0.58%	70.70%
DBP	Precious Metals	0.19%	7.48%	-3.76%
GLD	Gold	0.19%	5.95%	-2.19%
SLV	Silver	0.30%	11.90%	-4.68%
PPLT	Platinum	-0.51%	7.05%	0.23%
PALL	Palladium	2.36%	2.80%	-14.17%
DBB	Base Metals	0.85%	-3.35%	23.58%
CPER	Copper	1.04%	2.99%	25.12%
LD	Lead	-0.13%	8.75%	20.74%
JJN	Nickel	1.57%	6.80%	19.44%
JJU	Aluminum	1.29%	-12.73%	33.54%
JJT	Tin	0.21%	5.71%	113.29%
DBA	Agriculture	0.77%	2.07%	22.37%
CORN	Corn	1.17%	7.87%	38.19%
SOYB	Soybeans	1.71%	2.50%	11.56%
WEAT	Wheat	0.38%	10.12%	28.27%
CANE	Sugar	-0.72%	0.78%	43.11%
BAL	Cotton	-0.33%	11.51%	45.12%
NIB	Cocoa	-0.29%	-8.27%	-6.89%
JO	Coffee	4.39%	2.68%	61.59%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.12%	0.51%	5.20%
UDN	Short Dollar	0.07%	-0.66%	-6.27%
FXE	Euro	0.00%	-0.82%	-7.11%
FXB	British Pound Sterling	0.43%	-1.34%	-2.19%
FXF	Swiss Franc	0.10%	0.90%	-4.86%
FXJ	Japanese Yen	0.07%	-0.35%	-9.91%
FXC	Canadian Dollar	0.32%	-0.76%	1.03%
FXA	Australian Dollar	0.63%	-0.24%	-5.20%

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