

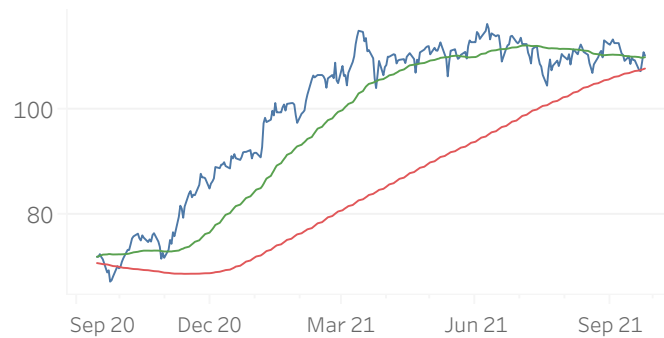
Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

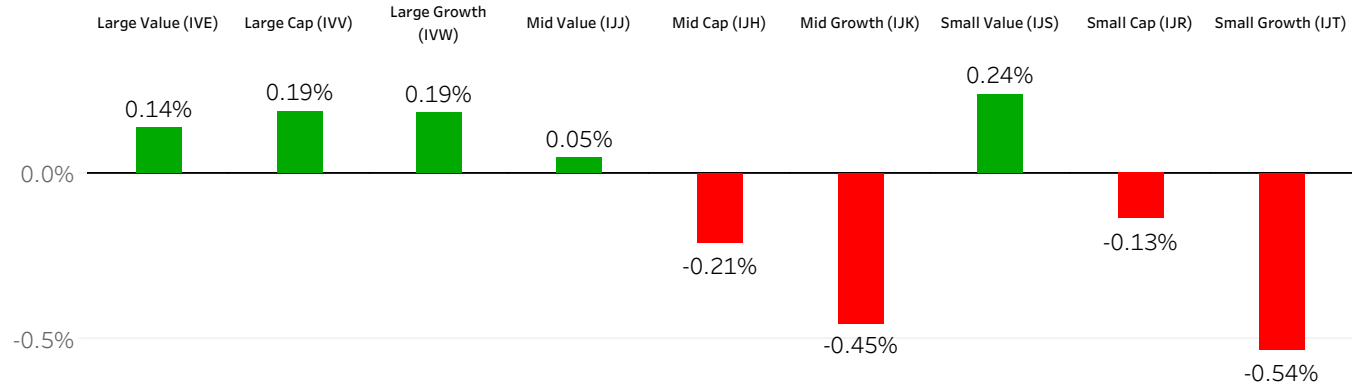


Small Cap Blend (S&P 600) IJR



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

U.S. Size & Style 1-Day Performance



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
EWSC	Invesco S&P Smallcap 600 Equal Weight ETF	0.64%
EES	WisdomTree U.S. SmallCap Fund	0.49%
OSCV	Opus Small Cap Value ETF	0.49%
SVAL	iShares US Small Cap Value Factor ETF	0.48%
RPV	Invesco S&P 500 Pure Value ETF	0.41%
SPHB	Invesco S&P 500 High Beta ETF	0.40%
OUSM	OShares U.S. Small-Cap Quality Dividend ETF	0.40%
ESG	FlexShares Trust FlexShares STOXX US ESG Select Index ...	0.37%
SPUS	SP Funds S&P 500 Sharia Industry Exclusions ETF	0.36%
FDM	First Trust Dow Jones Select MicroCap Index Fund	0.34%

Size & Style Most Overbought

Ticker	Fund	Value
FFTY	Innovator IBD 50 ETF	62.73
MMLG	First Trust Multi-Manager Large Growth ETF	59.52
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	58.47
SPHB	Invesco S&P 500 High Beta ETF	58.31
RPG	Invesco S&P 500 Pure Growth ETF	58.09
IPO	Renaissance IPO ETF	57.11
FPX	First Trust US Equity Opportunities ETF	57.01
MTUM	iShares MSCI USA Momentum Factor ETF	56.86
VOT	Vanguard Mid-Cap Growth ETF	56.44
DWAS	Invesco DWA SmallCap Momentum ETF	56.43

Size & Style 1-Day Performance Laggards

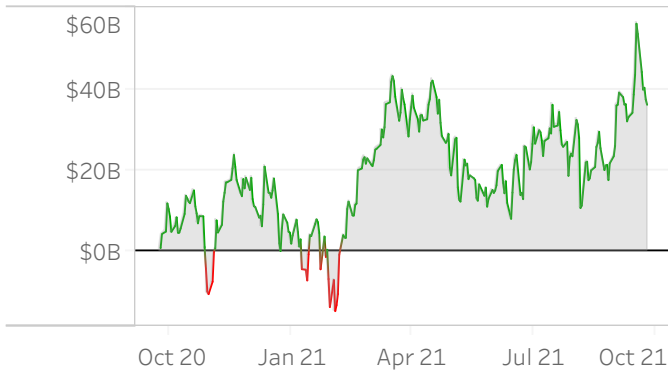
Ticker	Fund	Performance
IPO	Renaissance IPO ETF	-1.41%
FFTY	Innovator IBD 50 ETF	-1.39%
FNY	First Trust Mid Cap Growth AlphaDEX Fund	-0.85%
DWEQ	AdvisorShares Dorsey Wright Alpha Equal Weight ETF	-0.84%
DWAS	Invesco DWA SmallCap Momentum ETF	-0.77%
IWO	iShares Russell 2000 Growth ETF	-0.69%
RFG	Invesco S&P Midcap 400 Pure Growth ETF	-0.68%
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	-0.67%
VBK	Vanguard Small-Cap Growth ETF	-0.67%
PDP	Invesco DWA Momentum ETF	-0.63%

Size & Style Most Oversold

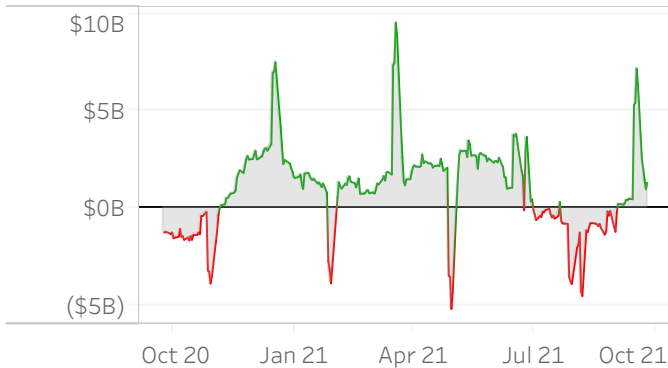
Ticker	Fund	Value
REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	32.08
FVD	First Trust Value Line Dividend Index Fund	36.96
LVHD	Legg Mason Low Volatility High Dividend ETF	37.10
ALTL	Pacer Lunt Large Cap Alternator ETF	38.49
SDY	SPDR S&P Dividend ETF	38.67
WBIF	WBI BullBear Value 3000 ETF	39.12
VSDA	VictoryShares Dividend Accelerator ETF	39.35
SPLV	Invesco S&P 500 Low Volatility ETF	39.40
NOBL	ProShares S&P 500 Dividend Aristocrats ETF	39.57
XMLV	Invesco S&P MidCap Low Volatility ETF	39.57

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

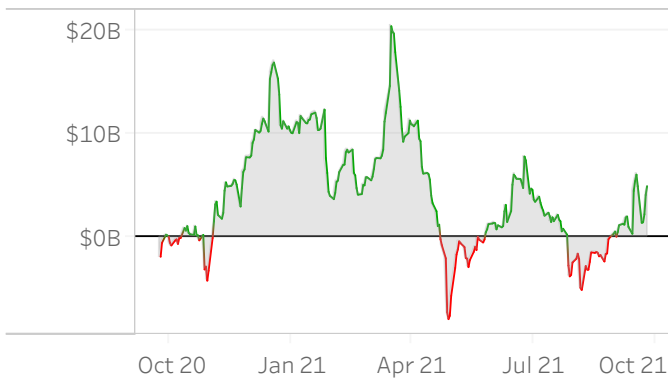
Large-Cap 30-Day Rolling Flows



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
Small Cap, Beta, Beta	12	\$219B	\$4.51B	\$3.25B	\$4.16B	\$26.21B
Large Cap, Beta Growth, Beta: Value	10	\$199B	\$0.62B	\$0.69B	\$12.79B	\$31.58B
Small Cap, Beta, Beta: Value	7	\$56B	(\$0.05B)	(\$3.84B)	\$0.59B	\$8.92B
Mid Cap, Beta, Beta: Value	6	\$40B	(\$0.18B)	(\$0.85B)	\$1.67B	\$3.95B
Small Cap, Beta, Beta: Growth	7	\$40B	(\$0.29B)	\$0.49B	\$0.06B	\$1.79B
Mid Cap, Beta, Beta: Growth	6	\$41B	(\$0.46B)	(\$2.26B)	(\$1.02B)	(\$2.39B)
Large Cap, Beta Growth, Beta	24	\$1,279B	(\$0.52B)	\$47.80B	\$61.24B	\$93.78B
Mid Cap, Beta, Beta	10	\$186B	(\$0.59B)	\$0.09B	\$3.08B	\$8.74B
Large Cap, Beta Growth, Beta: Growth	10	\$261B	(\$1.51B)	(\$0.54B)	\$8.63B	\$3.63B

U.S. Size & Style Flow Leaders

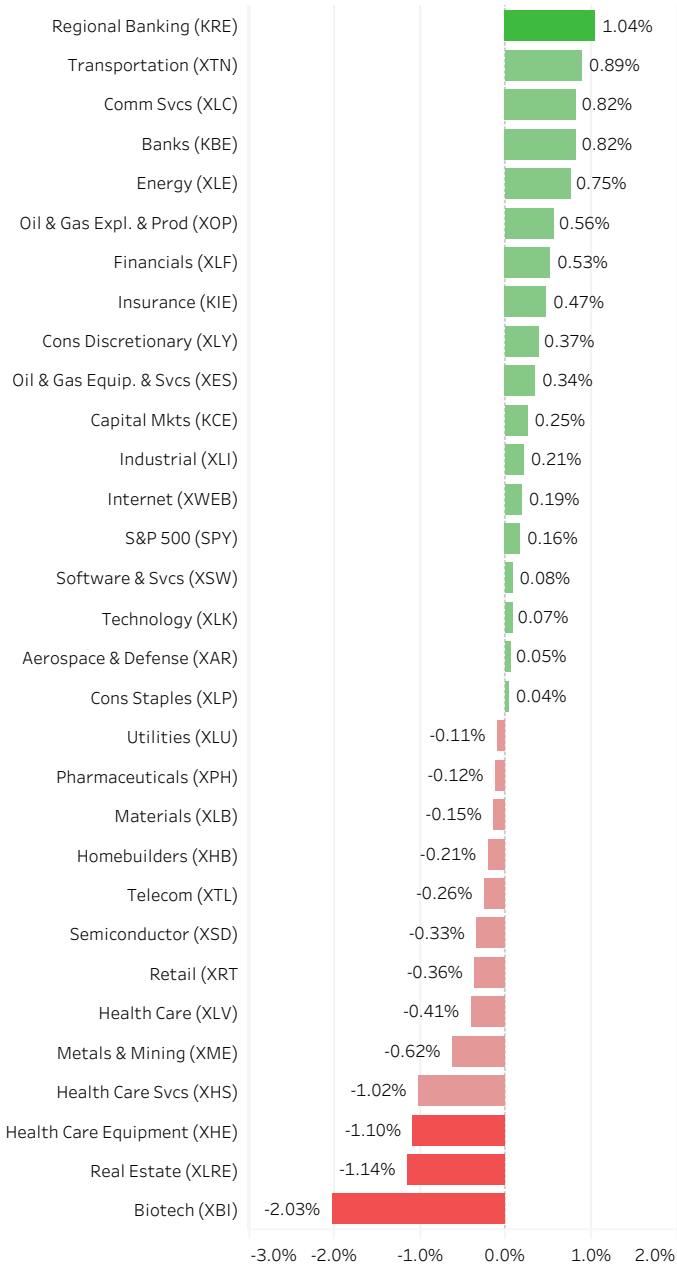
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	\$4.99B	\$1.19B	(\$0.49B)	\$9.89B	\$69.55B
VOO	Vanguard S&P 500 ETF	\$2.64B	\$14.91B	\$23.86B	\$39.47B	\$256.04B
QQQ	Invesco QQQ Trust	\$0.99B	\$8.27B	\$10.34B	\$12.97B	\$191.96B
VTV	Vanguard Value ETF	\$0.63B	\$2.35B	\$8.28B	\$15.61B	\$84.66B
MTUM	iShares MSCI USA Momentum Factor ETF	\$0.43B	(\$0.56B)	(\$0.45B)	\$0.52B	\$15.51B
SCHD	Schwab US Dividend Equity ETF	\$0.29B	\$2.02B	\$5.93B	\$10.17B	\$27.77B
VIG	Vanguard Dividend Appreciation ETF	\$0.24B	\$1.58B	\$2.71B	\$4.21B	\$62.53B
ITOT	iShares Core S&P Total U.S. Stock Market ETF	\$0.18B	\$1.55B	\$2.59B	\$5.60B	\$42.89B
VYM	Vanguard High Dividend Yield Index ETF	\$0.18B	\$0.61B	\$1.72B	\$3.76B	\$38.17B
IJH	iShares Core S&P Mid-Cap ETF	\$0.13B	\$0.00B	\$0.19B	\$0.36B	\$63.56B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	(\$1.42B)	\$4.34B	\$8.33B	\$15.02B	\$301.82B
VUG	Vanguard Growth ETF	(\$1.25B)	\$1.82B	\$3.46B	\$3.99B	\$85.46B
VTI	Vanguard Total Stock Market ETF	(\$0.94B)	\$10.80B	\$21.42B	\$45.97B	\$271.18B
VO	Vanguard Mid-Cap ETF	(\$0.94B)	\$1.67B	\$2.76B	\$4.85B	\$53.19B
VB	Vanguard Small-Cap ETF	(\$0.73B)	\$1.06B	\$2.42B	\$5.99B	\$48.14B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.68B)	(\$0.71B)	(\$0.43B)	\$0.60B	\$29.28B
NOBL	ProShares S&P 500 Dividend Aristocrats ETF	(\$0.54B)	\$0.28B	\$0.65B	\$1.03B	\$8.84B
QUAL	iShares MSCI USA Quality Factor ETF	(\$0.43B)	\$1.72B	\$1.74B	(\$1.09B)	\$24.01B
VLUE	iShares MSCI USA Value Factor ETF	(\$0.43B)	(\$0.27B)	\$1.71B	\$5.73B	\$15.65B
VOT	Vanguard Mid-Cap Growth ETF	(\$0.43B)	\$0.15B	\$0.07B	\$0.34B	\$11.92B

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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)
XLY	Consumer Discretionary Select Sector SPDR Fund	0.00%	29.33%	1.71%	6.72%	57.96
XLK	Technology Select Sector SPDR Fund	-1.87%	41.36%	0.84%	10.78%	52.40
XLF	Financial Select Sector SPDR Fund	-2.00%	61.88%	1.75%	9.11%	55.77
SPY	SPDR S&P 500 ETF Trust	-2.05%	35.94%	0.11%	7.63%	49.83
XLP	Consumer Staples Select Sector SPDR Fund	-3.22%	13.43%	-1.48%	2.45%	39.72
XLV	Health Care Select Sector SPDR Fund	-3.56%	29.82%	-1.04%	7.45%	42.27
XLC	Communication Services Select Sector SPDR Fund	-4.18%	40.36%	-0.94%	7.45%	44.07
XLI	Industrial Select Sector SPDR Fund	-4.43%	34.70%	-2.08%	2.45%	44.55
XLRE	Real Estate Select Sector SPDR Fund	-5.79%	35.11%	-1.97%	9.30%	37.91
XLU	Utilities Select Sector SPDR Fund	-7.04%	11.62%	-3.62%	0.73%	28.98
XLB	Materials Select Sector SPDR Fund	-8.58%	30.88%	-3.01%	0.64%	39.42
XLE	Energy Select Sector SPDR Fund	-9.41%	83.69%	4.52%	4.70%	59.38

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	Performance
PBS	Invesco Dynamic Media ETF	1.58%
KBWR	Invesco KBW Regional Banking ETF	1.21%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	1.08%
QABA	First Trust NASDAQ ABA Community Bank Index F..	1.06%
KRE	SPDR S&P Regional Banking ETF	1.04%
IAT	iShares U.S. Regional Banks ETF	1.01%
FTXO	First Trust Nasdaq Bank ETF	1.00%
IYT	iShares US Transportation ETF	0.90%
XTN	SPDR S&P Transportation ETF	0.89%
RYE	Invesco S&P 500 Equal Weight Energy ETF	0.85%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
PEJ	Invesco Dynamic Leisure & Entertainment ETF	65.42
FCG	First Trust Natural Gas ETF	65.04
PXI	Invesco DWA Energy Momentum ETF	64.62
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	64.45
PXE	Invesco Dynamic Energy Exploration & Production ETF	64.05
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	63.74
PBS	Invesco Dynamic Media ETF	63.46
PSI	Invesco Dynamic Semiconductors ETF	63.04
RYE	Invesco S&P 500 Equal Weight Energy ETF	62.37
VDE	Vanguard Energy ETF	62.22

Sector & Industry 1 Day Performance Laggards

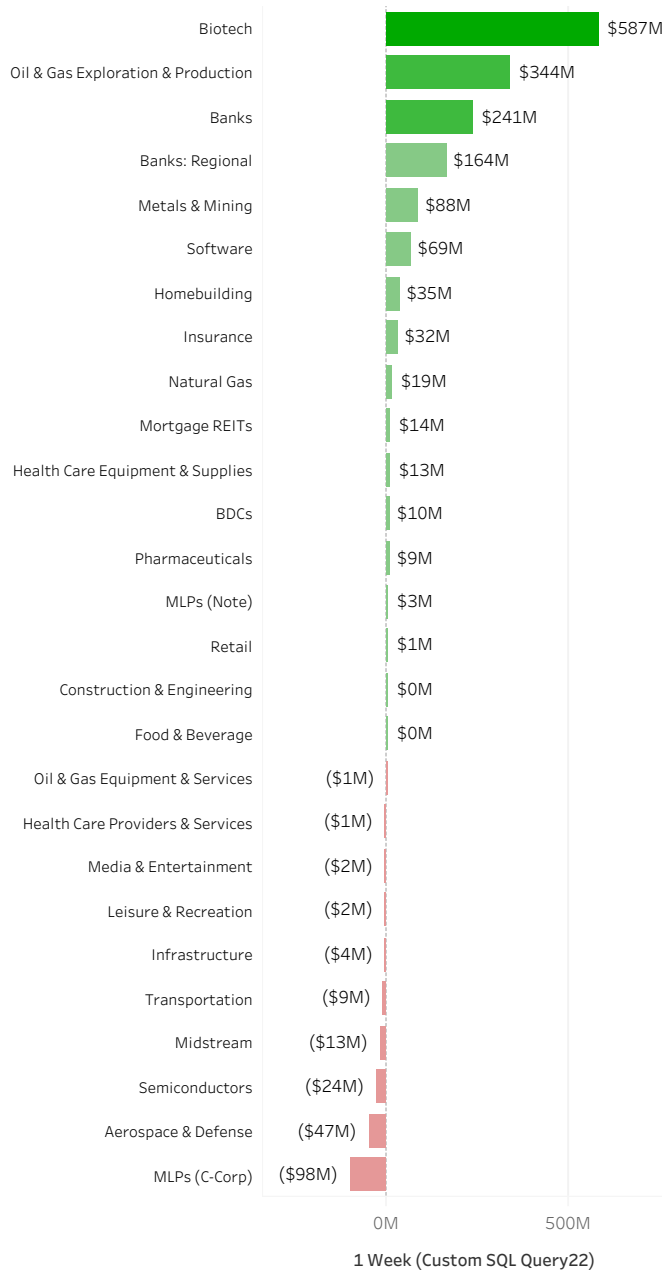
Ticker	Fund	Performance
IBBQ	Invesco Nasdaq Biotechnology ETF	-2.06%
XBI	SPDR S&P BIOTECH ETF	-2.03%
PTH	Invesco DWA Healthcare Momentum ETF	-1.99%
IBB	iShares Biotechnology ETF	-1.90%
REZ	iShares Residential and Multisector Real Estate ETF	-1.27%
ICF	iShares Cohen & Steers REIT ETF	-1.27%
NETL	NETLease Corporate Real Estate ETF	-1.23%
PSR	Invesco Active U.S. Real Estate Fund	-1.21%
AMZA	InfraCap MLP ETF	-1.19%
PSCH	Invesco S&P SmallCap Health Care ETF	-1.19%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
RYU	Invesco S&P 500 Equal Weight Utilities ETF	27.91
FXU	First Trust Utilities AlphaDEX Fund	28.14
XLU	Utilities Select Sector SPDR Fund	28.98
IDU	iShares U.S. Utilities ETF	29.15
FUTY	Fidelity MSCI Utilities Index ETF	29.18
VPU	Vanguard Utilities ETF	30.48
INDS	Pacer Benchmark Industrial Real Estate SCTR ETF	33.28
NETL	NETLease Corporate Real Estate ETF	34.10
IYZ	iShares U.S. Telecommunications ETF	35.74
PSR	Invesco Active U.S. Real Estate Fund	36.56

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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	(\$53M)	\$1,882M	\$2,021M	\$2,551M
Consumer Discretionary	13	\$34B	\$10M	(\$51M)	\$134M	\$3,300M
Consumer Staples	12	\$21B	(\$387M)	\$149M	\$803M	(\$3,305M)
Energy	34	\$49B	\$531M	(\$1,969M)	(\$10M)	\$10,703M
Financials	28	\$77B	\$946M	(\$2,583M)	\$1,994M	\$21,296M
Health Care	25	\$93B	\$446M	\$4,982M	\$4,843M	\$4,171M
Industrial	14	\$35B	\$486M	(\$3,224M)	(\$2,909M)	\$3,779M
Materials	10	\$16B	\$102M	(\$2,187M)	\$2,007M	\$5,873M
Multi-Sector	16	\$25B	\$15M	\$449M	\$1,696M	\$3,193M
Real Estate	21	\$76B	\$43M	\$3,245M	\$8,201M	\$13,200M
Technology	24	\$143B	(\$709M)	\$3,437M	\$2,625M	\$2,525M
Utilities	10	\$20B	(\$279M)	\$1,033M	\$556M	\$215M

U.S. Sector & Industry Flow Leaders

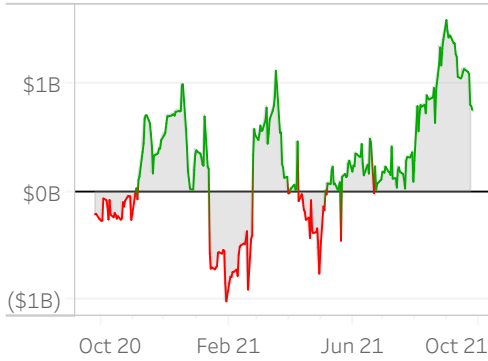
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLI	Industrial Select Sector SPDR Fund	\$584M	(\$1,857M)	(\$2,443M)	\$1,527M	\$17,659M
XBI	SPDR S&P BIOTECH ETF	\$527M	\$321M	\$405M	\$1,264M	\$7,673M
XLF	Financial Select Sector SPDR Fund	\$489M	(\$1,972M)	(\$971M)	\$11,668M	\$41,002M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$347M	(\$443M)	(\$515M)	(\$72M)	\$3,648M
XLE	Energy Select Sector SPDR Fund	\$233M	(\$467M)	\$804M	\$8,028M	\$23,680M
KRE	SPDR S&P Regional Banking ETF	\$169M	(\$548M)	\$93M	\$2,466M	\$4,545M
KBE	SPDR S&P Bank ETF	\$155M	(\$274M)	(\$561M)	\$722M	\$3,120M
XME	SPDR S&P Metals & Mining ETF	\$88M	(\$229M)	(\$27M)	\$710M	\$1,735M
KBWB	Invesco KBW Bank ETF	\$86M	\$498M	\$553M	\$1,363M	\$2,879M
IGV	iShares Expanded Tech-Software Sector ETF	\$84M	\$494M	(\$278M)	(\$968M)	\$5,878M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLK	Technology Select Sector SPDR Fund	(\$421M)	\$304M	(\$222M)	(\$899M)	\$44,797M
XLP	Consumer Staples Select Sector SPDR Fund	(\$382M)	(\$51M)	\$699M	(\$2,748M)	\$12,149M
XLU	Utilities Select Sector SPDR Fund	(\$282M)	\$824M	\$166M	(\$136M)	\$12,478M
XLV	Health Care Select Sector SPDR Fund	(\$165M)	\$3,296M	\$4,543M	\$3,031M	\$32,616M
AMLP	Alerian MLP ETF	(\$107M)	(\$210M)	(\$357M)	(\$59M)	\$5,006M
XLC	Communication Services Select Sector SPDR Fu..	(\$73M)	\$1,219M	\$1,336M	\$1,390M	\$15,345M
VNQ	Vanguard Real Estate ETF	(\$63M)	\$746M	\$2,482M	\$5,867M	\$44,193M
SOXX	iShares Semiconductor ETF	(\$44M)	\$484M	\$258M	\$1,587M	\$7,519M
ITA	iShares U.S. Aerospace & Defense ETF	(\$41M)	(\$196M)	(\$351M)	(\$743M)	\$2,644M
VIS	Vanguard Industrials ETF	(\$24M)	(\$111M)	\$328M	\$1,013M	\$5,253M

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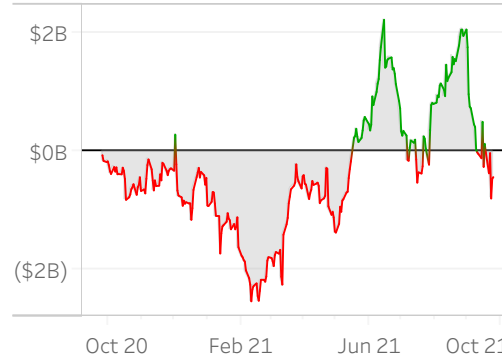
Communication Services



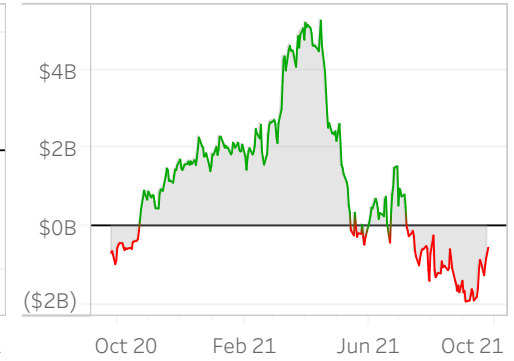
Consumer Discretionary



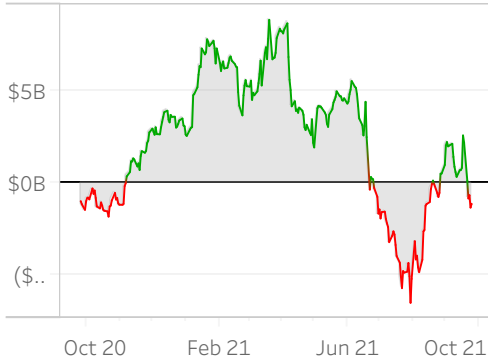
Consumer Staples



Energy



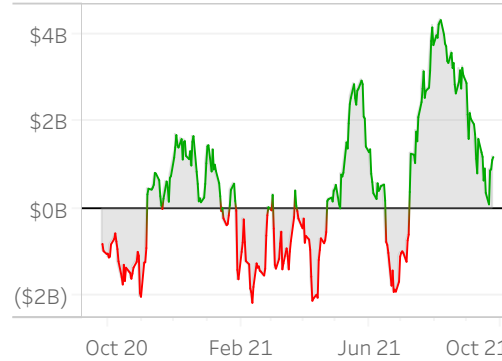
Financials



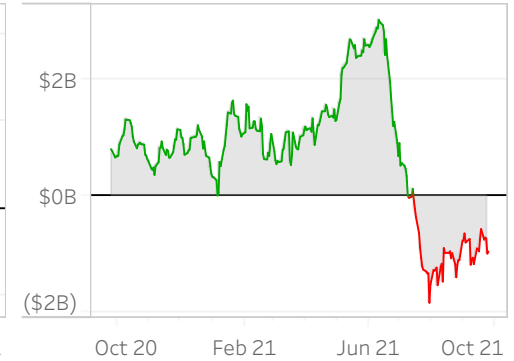
Industrial



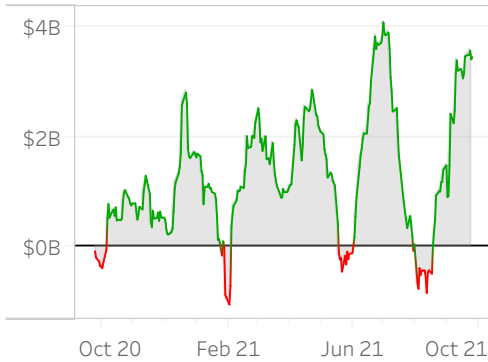
Health Care



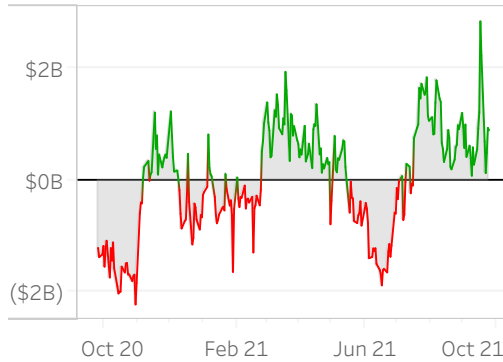
Materials



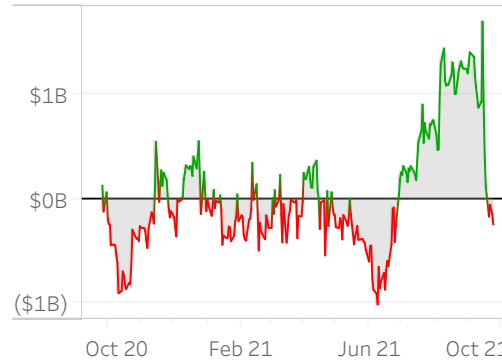
Real Estate



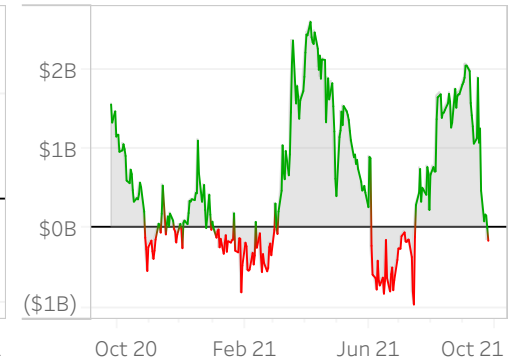
Technology



Utilities

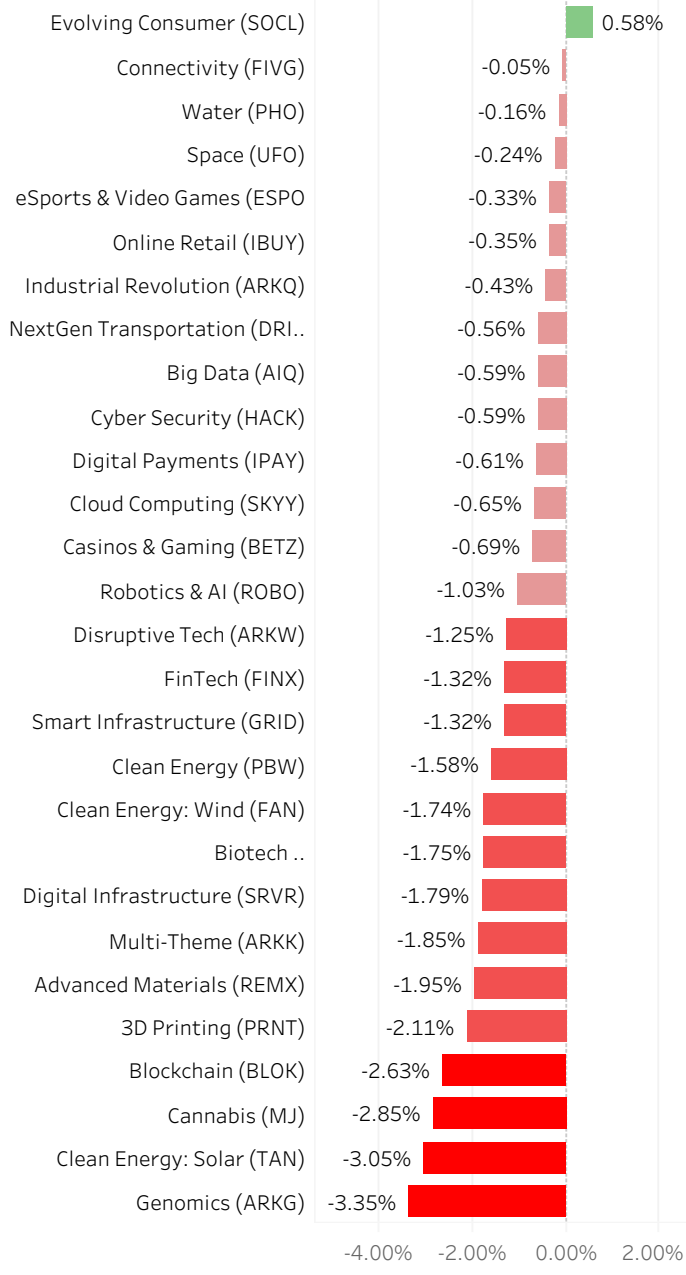


Multi-Sector

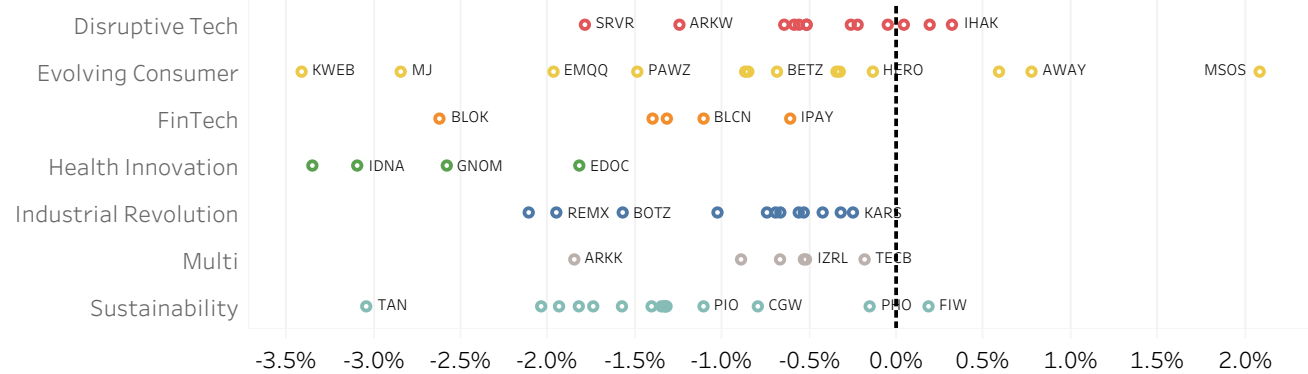


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
MSOS	AdvisorShares Pure US Cannabis ETF	2.08%
AWAY	ETFMG Travel Tech ETF	0.77%
KSTR	KraneShares SSE STAR Market 50 Index ETF	0.64%
SOCL	Global X Social Media ETF	0.58%
WFH	Direxion Work From Home ETF	0.34%
IHAK	iShares Cybersecurity & Tech ETF	0.32%
MILN	Global X Millennial Consumer ETF	0.31%
EVX	VanEck Environmental Services ETF	0.24%
BUG	Global X Cybersecurity ETF	0.19%
FIW	First Trust Water ETF	0.18%

Thematic Most Overbought

Ticker	Fund	Value
AWAY	ETFMG Travel Tech ETF	68.44
QTUM	Defiance Quantum ETF	61.87
CLOU	Global X Cloud Computing ETF	59.87
BOTZ	Global X Robotics & Artificial Intelligence ETF	59.28
MILN	Global X Millennial Consumer ETF	58.27
BETZ	Roundhill Sports Betting & iGaming ETF	57.82
WCLD	WisdomTree Cloud Computing Fund	56.59
EVX	VanEck Environmental Services ETF	56.12
BUG	Global X Cybersecurity ETF	55.94
XITK	SPDR FactSet Innovative Technology ETF	55.51

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
DAPP	VanEck Digital Transformation ETF	-4.53%
BITQ	Bitwise Crypto Industry Innovators ETF	-4.44%
KWEB	KraneShares CSI China Internet ETF	-3.42%
ARKG	ARK Genomic Revolution ETF	-3.35%
IDNA	iShares Genomics Immunology and Healthcare ETF Geno..	-3.10%
TAN	Invesco Solar ETF	-3.05%
MJ	ETFMG Alternative Harvest ETF	-2.85%
BLOK	Amplify Transformational Data Sharing ETF	-2.63%
GNOM	Global X Genomics & Biotechnology ETF	-2.58%
MOON	Direxion Moonshot Innovators ETF	-2.50%

Thematic Most Oversold

Ticker	Fund	Value
MJ	ETFMG Alternative Harvest ETF	33.89
POTX	Global X Cannabis ETF	35.52
HERO	Global X Video Games & Esports ETF	36.38
THCX	Cannabis ETF	36.77
ARKG	ARK Genomic Revolution ETF	37.31
NERD	Roundhill BITKRAFT Esports & Digital Entertainment ETF	37.92
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR..	38.00
KEMQ	KraneShares Emerging Markets Consumer Technology In..	38.41
PIO	Invesco Global Water ETF	38.62
DAPP	VanEck Digital Transformation ETF	38.81

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	\$133M
PBW	Invesco WilderHill Clean Energy ETF	\$96M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$76M
MSOS	AdvisorShares Pure US Cannabis ETF	\$58M
LIT	Global X Lithium & Battery Tech ETF	\$23M
TAN	Invesco Solar ETF	\$20M
FINX	Global X FinTech ETF	\$15M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$14M
ACES	ALPS Clean Energy ETF	\$13M
BUG	Global X Cybersecurity ETF	\$13M

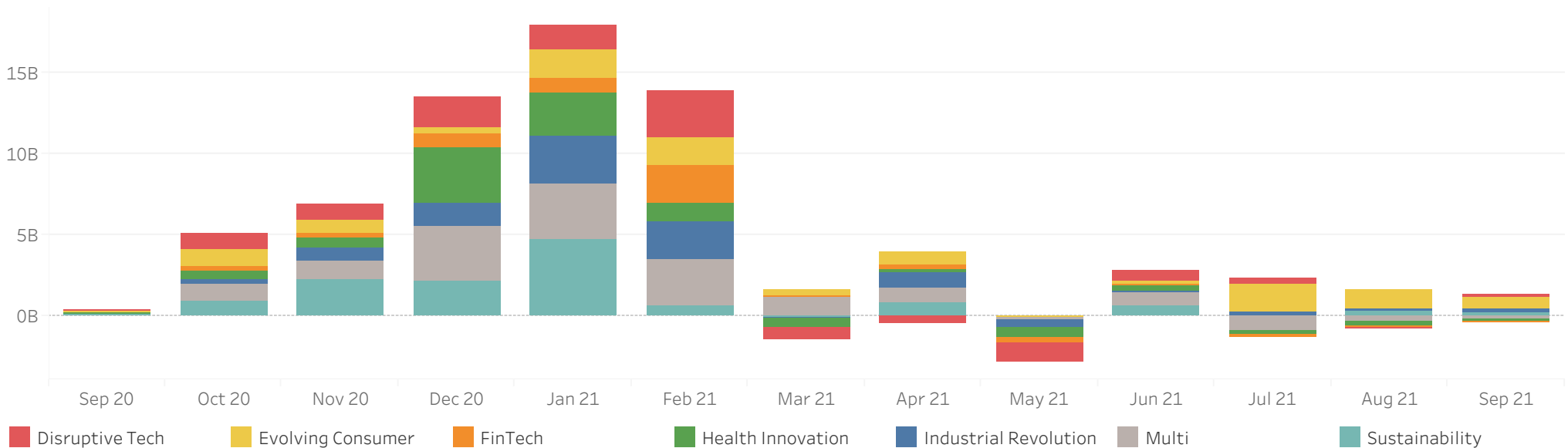
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
HACK	ETFMG Prime Cyber Security ETF	(\$210M)
KWEB	KraneShares CSI China Internet ETF	(\$157M)
ROBO	ROBO Global Robotics & Automation Index ETF	(\$127M)
IPAY	ETFMG Prime Mobile Payments ETF	(\$117M)
PHO	Invesco Water Resources ETF	(\$81M)
ARKF	ARK Fintech Innovation ETF	(\$60M)
KOMP	SPDR S&P Kensho New Economies Composite ETF	(\$57M)
ARKW	ARK Next Generation Internet ETF	(\$50M)
ARKG	ARK Genomic Revolution ETF	(\$32M)
HTEC	ROBO Global Healthcare Technology and Innovation ETF	(\$27M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	29	\$30B	\$7M	\$641M	(\$531M)	\$7,049M
Evolving Consumer	38	\$17B	(\$190M)	\$3,599M	\$4,681M	\$10,711M
FinTech	12	\$8B	(\$34M)	(\$199M)	(\$194M)	\$4,707M
Health Innovation	14	\$10B	(\$44M)	(\$413M)	(\$773M)	\$7,213M
Industrial Revolution	22	\$18B	(\$7M)	\$603M	\$1,176M	\$8,540M
Multi	28	\$30B	\$72M	(\$1,240M)	(\$65M)	\$13,199M
Sustainability	33	\$23B	\$60M	\$905M	\$2,169M	\$13,017M
Grand Total	176	\$135B	(\$138M)	\$3,894M	\$6,463M	\$64,436M

Thematic Monthly Flows

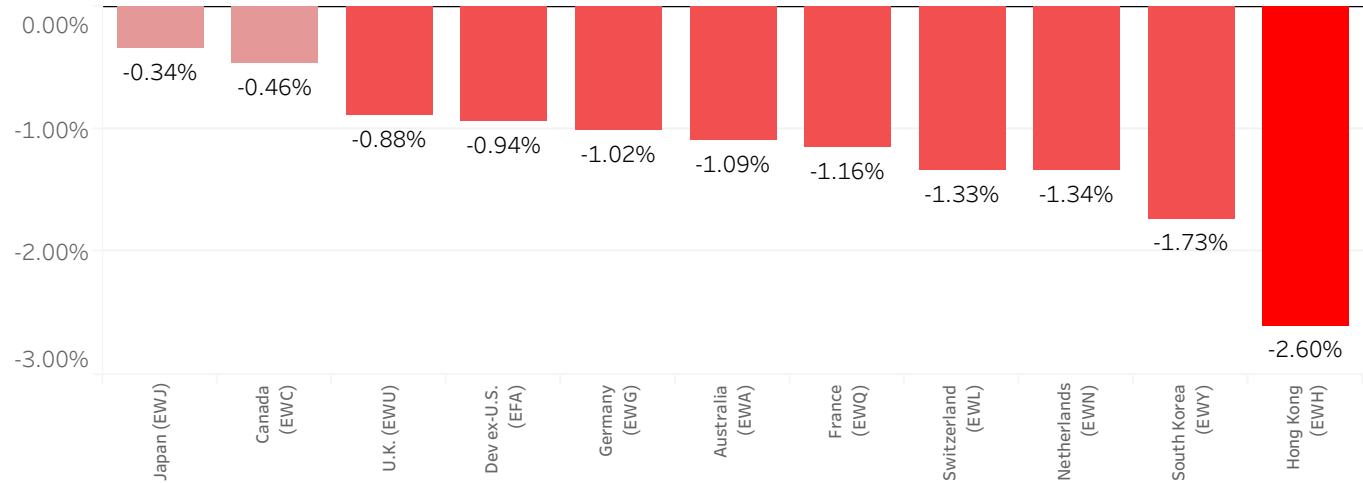


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

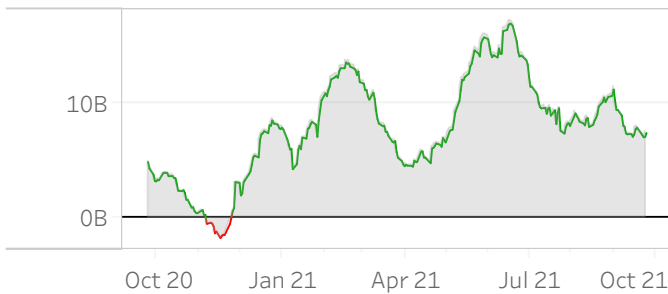
Developed ex-U.S. (EFA)



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



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



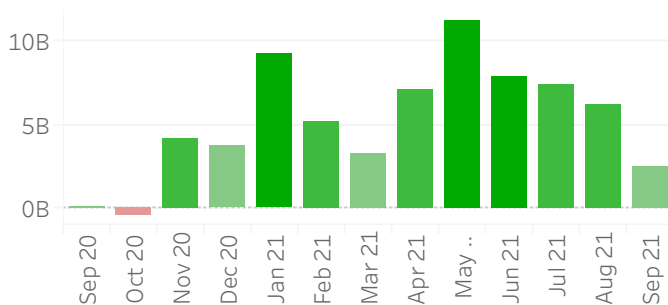
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	Performance
DXJ	WisdomTree Japan Hedged Equity Fund	0.32%
DFJ	WisdomTree Japan SmallCap Dividend Fund	0.24%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	0.13%
SCJ	iShares MSCI Japan Small-Cap ETF	0.11%
HEWJ	iShares Currency Hedged MSCI Japan ETF	0.06%
EWP	iShares MSCI Spain ETF	-0.11%
TOK	iShares MSCI Kokusai ETF	-0.17%
FLJP	Franklin FTSE Japan ETF	-0.28%
BBCA	JPMorgan BetaBuilders Canada ETF	-0.28%
ISRA	VanEck Israel ETF	-0.34%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EIS	iShares MSCI Israel ETF	64.19
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	63.69
HEWJ	iShares Currency Hedged MSCI Japan ETF	63.56
DXJ	WisdomTree Japan Hedged Equity Fund	63.39
ISRA	VanEck Israel ETF	59.35
FLJP	Franklin FTSE Japan ETF	59.28
DFJ	WisdomTree Japan SmallCap Dividend Fund	59.23
SCJ	iShares MSCI Japan Small-Cap ETF	59.10
JPXN	iShares JPX-Nikkei 400 ETF	59.06
EWJ	iShares MSCI Japan ETF	58.84

Developed ex-U.S. Monthly Flows



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

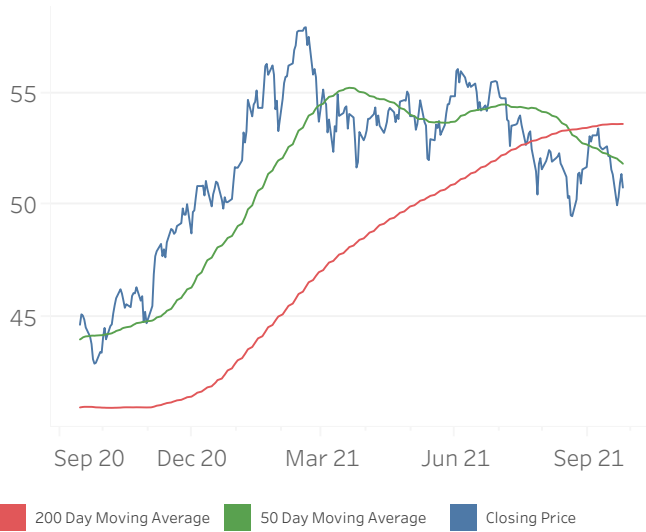
Ticker	Fund	Performance
EWH	iShares MSCI Hong Kong ETF	-2.60%
PIZ	Invesco DWA Developed Markets Momentum ETF	-2.04%
EWY	iShares MSCI South Korea ETF	-1.73%
EDEN	iShares MSCI Denmark ETF	-1.61%
EPP	iShares MSCI Pacific ex-Japan ETF	-1.56%
IMOM	Alpha Architect International Quantitative Momentum ETF	-1.51%
AIA	iShares Asia 50 ETF	-1.49%
EWS	iShares MSCI Singapore ETF	-1.46%
ENZL	iShares MSCI New Zealand ETF	-1.44%
RFDI	First Trust Riverfront Dynamic Developed International E..	-1.44%

Developed ex-U.S. Most Oversold

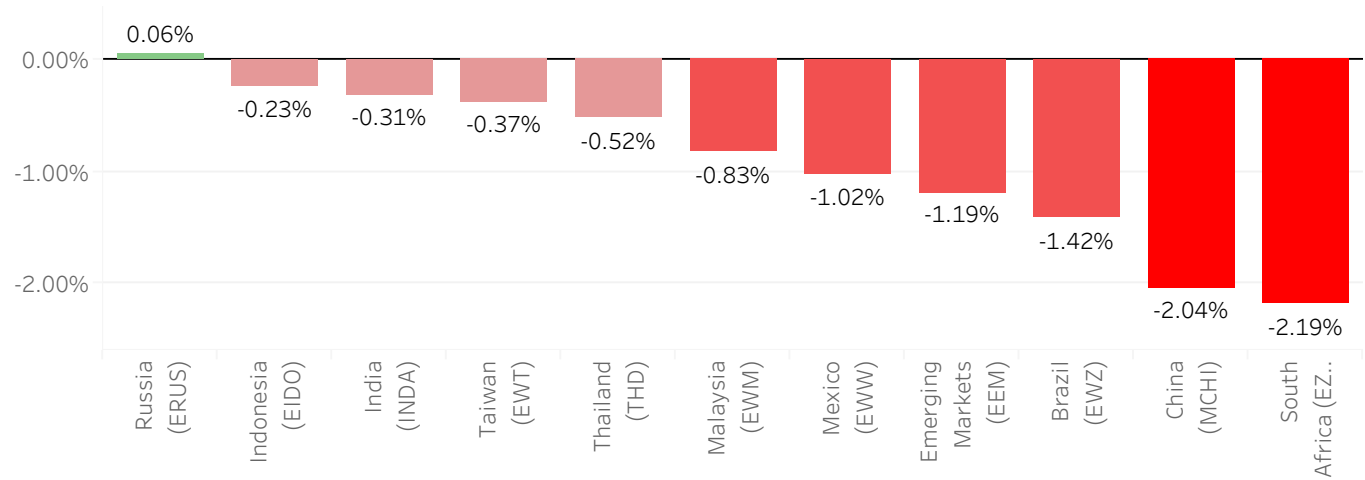
Ticker	Fund	Value
EWH	iShares MSCI Hong Kong ETF	27.77
BBAX	JPMorgan BetaBuilders Developed Asia ex-Japan ETF	30.57
IDV	iShares International Select Dividend ETF	32.85
DOO	WisdomTree International Dividend ex-Financials Fu..	32.93
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	33.17
EWL	iShares MSCI Switzerland ETF	33.85
EUDG	WisdomTree Europe Quality Dividend Growth Fund	34.84
FDD	First Trust Stoxx European Select Dividend Index Fu..	35.12
LVHI	Legg Mason International Low Volatility High Divide..	35.88
DTH	WisdomTree International High Dividend Fund	36.35

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

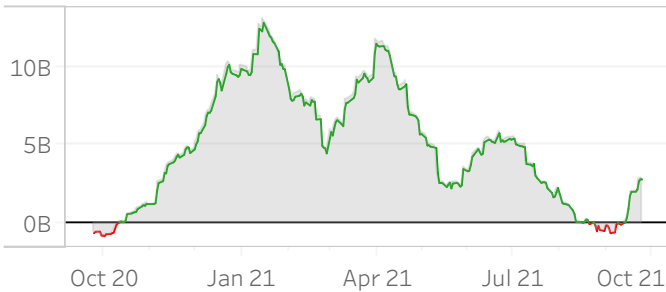
Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



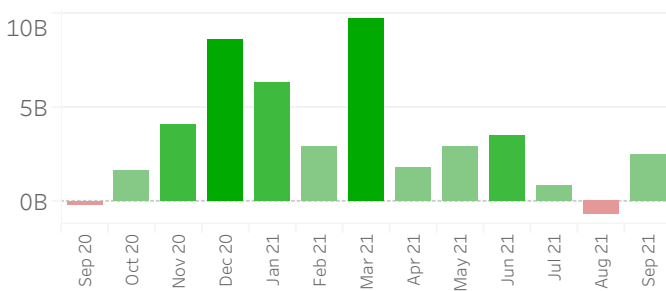
Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
AFK	VanEck Africa Index ETF	0.43%
PIN	Invesco India ETF	0.07%
ERUS	iShares MSCI Russia ETF	0.06%
EPU	iShares MSCI Peru ETF	0.00%
INDY	iShares India 50 ETF	-0.06%
QAT	iShares MSCI Qatar ETF	-0.08%
KSA	iShares MSCI Saudi Arabia ETF	-0.12%
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	-0.17%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	-0.17%
GLIN	VanEck India Growth Leaders ETF	-0.23%

Emerging Most Overbought

Ticker	Fund	Value
INDY	iShares India 50 ETF	68.42
INDA	iShares MSCI India ETF	66.11
SMIN	iShares MSCI India Small Cap ETF	65.09
NFTY	First Trust India NIFTY 50 Equal Weight ETF	63.60
PIN	Invesco India ETF	63.59
EPI	WisdomTree India Earnings Fund	62.08
QAT	iShares MSCI Qatar ETF	61.22
GLIN	VanEck India Growth Leaders ETF	60.99
ERUS	iShares MSCI Russia ETF	59.88
RSX	VanEck Russia ETF	55.28

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
ECNS	iShares MSCI China Small-Cap ETF	-3.14%
PGJ	Invesco Golden Dragon China ETF	-2.84%
TUR	iShares MSCI Turkey ETF	-2.42%
EZA	iShares MSCI South Africa ETF	-2.19%
FLCH	Franklin FTSE China ETF	-2.12%
FXI	iShares China Large-Cap ETF	-2.10%
MCHI	iShares MSCI China ETF	-2.04%
FNI	First Trust Chindia ETF	-1.89%
GXC	SPDR S&P China ETF	-1.82%
EYLD	Cambria Emerging Shareholder Yield ETF	-1.78%

Emerging Most Oversold

Ticker	Fund	Value
TUR	iShares MSCI Turkey ETF	25.63
EYLD	Cambria Emerging Shareholder Yield ETF	35.06
ADRE	Invesco BLDERS Emerging Markets 50 ADR Index Fund	35.85
FXI	iShares China Large-Cap ETF	36.34
FLCH	Franklin FTSE China ETF	36.67
BICK	First Trust BICK Index Fund	36.77
PGJ	Invesco Golden Dragon China ETF	36.86
GEM	Goldman Sachs ActiveBeta Emerging Markets Equit..	37.21
MCHI	iShares MSCI China ETF	37.91
ECNS	iShares MSCI China Small-Cap ETF	38.22

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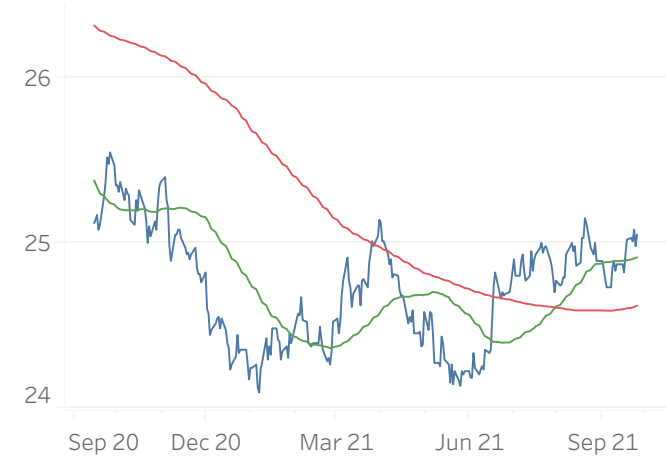
Fixed Income (AGG)



Commodities (DJP)



Currencies (UUP)



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

Fixed Income Performance

Ticker	Name	1 Day	1 Month	YTD
AGG	U.S. Aggregate	-0.17%	-0.36%	-1.18%
SHY	1-3 Year Treasury Bonds	-0.03%	-0.08%	-0.17%
IEF	7-10 Year Treasury Bonds	-0.30%	-1.24%	-3.03%
TLT	20+ Year Treasury Bonds	-0.98%	-1.46%	-5.89%
TIP	TIPS Bonds	-0.25%	-0.26%	3.31%
FLOT	Floating Rate Bonds	0.00%	0.01%	0.40%
LQD	Investment Grade Corporate	-0.21%	0.10%	-0.82%
HYG	High Yield Corporate	-0.15%	0.58%	3.44%
BKLN	Senior Loan	-0.05%	0.48%	1.76%
PFF	Preferred & Income Securities	-0.41%	-0.20%	4.73%
MUB	Municipal Bonds	-0.01%	-0.26%	0.79%
MBB	MBS	0.02%	-0.17%	-0.76%
EMB	Dollar Denominated EM Bonds	-0.41%	-1.16%	-1.85%
LEMB	Local Currency EM Bond	-0.47%	-0.86%	-5.52%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.77%	5.63%	31.05%
DBE	Energy	0.73%	8.81%	52.68%
USO	WTI Crude Oil	0.86%	9.39%	56.98%
BNO	Brent Crude Oil	0.99%	10.60%	58.00%
UNG	Natural Gas	2.55%	32.26%	96.52%
UGA	Gasoline	0.40%	6.23%	53.68%
DBP	Precious Metals	-0.26%	-3.98%	-10.98%
GLD	Gold	-0.13%	-3.17%	-8.44%
SLV	Silver	-0.96%	-6.20%	-15.71%
PPLT	Platinum	-1.47%	-3.19%	-9.32%
PALL	Palladium	-1.78%	-20.89%	-20.51%
DBB	Base Metals	0.42%	4.50%	23.87%
CPER	Copper	1.28%	0.69%	20.47%
LD	Lead	1.78%	-6.26%	8.52%
JJN	Nickel	-1.89%	-0.28%	13.26%
JJU	Aluminum	-1.49%	12.36%	45.08%
JJT	Tin	3.72%	14.35%	105.68%
DBA	Agriculture	0.00%	-1.83%	16.48%
CORN	Corn	-0.40%	-2.66%	26.64%
SOYB	Soybeans	0.02%	-2.76%	14.87%
WEAT	Wheat	0.72%	-0.98%	13.73%
CANE	Sugar	-1.56%	-0.11%	39.85%
BAL	Cotton	4.06%	2.09%	17.81%
NIB	Cocoa	-1.23%	-0.12%	-2.15%
JO	Coffee	1.96%	3.82%	43.25%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.28%	0.40%	3.34%
UDN	Short Dollar	-0.33%	-0.48%	-4.32%
FXE	Euro	-0.25%	-0.45%	-4.80%
FXB	British Pound Sterling	-0.40%	-0.47%	-0.32%
FXF	Swiss Franc	-0.10%	-1.43%	-5.17%
FXJ	Japanese Yen	-0.45%	-1.07%	-7.24%
FXC	Canadian Dollar	-0.03%	-0.55%	0.17%
FXA	Australian Dollar	-0.67%	-0.01%	-6.20%

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