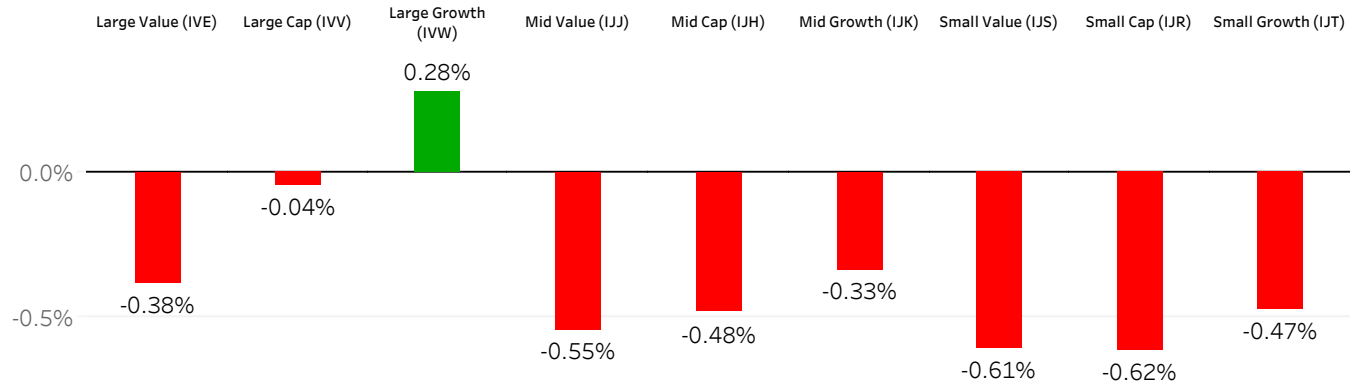


Large Cap Blend (S&P 500) IVV



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
LGH	HCM Defender 500 Index ETF	1.32%
FFTY	Innovator IBD 50 ETF	1.22%
DWEQ	AdvisorShares Dorsey Wright Alpha Equal Weight ETF	0.92%
VEGN	US Vegan Climate ETF	0.92%
QQQN	VictoryShares Nasdaq Next 50 ETF	0.78%
MMLG	First Trust Multi-Manager Large Growth ETF	0.68%
QQQJ	Invesco NASDAQ Next Gen 100 ETF	0.63%
QQH	HCM Defender 100 Index ETF	0.62%
FPX	First Trust US Equity Opportunities ETF	0.55%
FTC	First Trust Large Cap Growth AlphaDEX Fund	0.52%

Size & Style Most Overbought

Ticker	Fund	Price
FFTY	Innovator IBD 50 ETF	75.93
RPG	Invesco S&P 500 Pure Growth ETF	75.77
DVOL	First Trust Dorsey Wright Momentum & Low Volatility ETF	75.36
MMLG	First Trust Multi-Manager Large Growth ETF	75.09
CLRG	IQ Chaikin U.S. Large Cap ETF	73.34
NULG	Nuveen ESG Large-Cap Growth ETF	73.22
FTC	First Trust Large Cap Growth AlphaDEX Fund	72.78
AIEQ	AI Powered Equity ETF	72.76
GURU	Global X Guru Index ETF	72.72
PTNQ	Pacer Trendpilot 100 ETF	72.51

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
EWSC	Invesco S&P Smallcap 600 Equal Weight ETF	-1.07%
RWJ	Invesco S&P SmallCap 600 Revenue ETF	-0.81%
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	-0.77%
VIOV	Vanguard S&P Small-Cap 600 Value ETF	-0.75%
SLYV	SPDR S&P 600 Small Cap Value ETF	-0.70%
CALF	Pacer US Small Cap Cash Cows 100 ETF	-0.70%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	-0.70%
SYLD	Cambria Shareholder Yield ETF	-0.69%
DWAS	Invesco DWA SmallCap Momentum ETF	-0.67%
SVAL	iShares US Small Cap Value Factor ETF	-0.67%

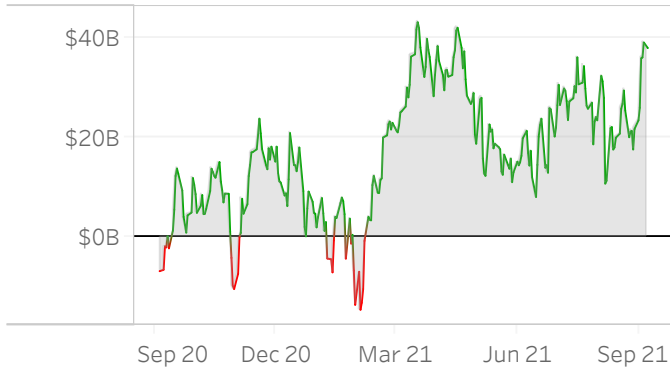
Size & Style Most Oversold

Ticker	Fund	Price
DUSA	Davis Select U.S. Equity ETF	45.92
SYLD	Cambria Shareholder Yield ETF	49.31
VLUU	iShares MSCI USA Value Factor ETF	50.33
SVAL	iShares US Small Cap Value Factor ETF	50.63
REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	50.90
CALF	Pacer US Small Cap Cash Cows 100 ETF	51.28
RPV	Invesco S&P 500 Pure Value ETF	51.28
PEY	Invesco High Yield Equity Dividend Achievers ETF	51.45
SPVU	Invesco S&P 500 Enhanced Value ETF	51.77
DGRS	WisdomTree US Smallcap Quality Dividend Growth F..	52.27

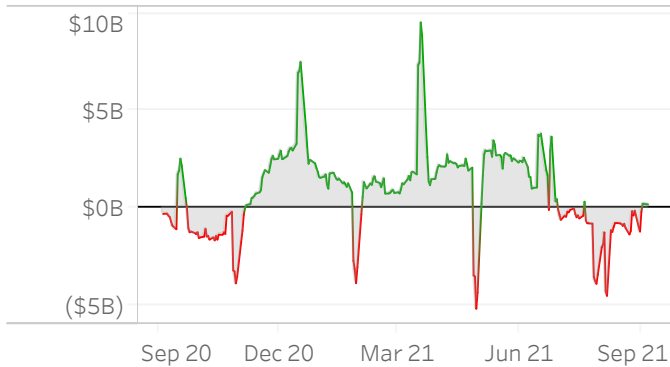
■ Closing Price
 ■ 50 Day Moving Average
 ■ 200 Day Moving Average

* 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	\$1,295B	\$7.33B	\$49.66B	\$69.91B	\$89.67B
Mid Cap, Beta, Beta	10	\$190B	\$0.24B	\$0.07B	\$3.51B	\$7.41B
Small Cap, Beta, Beta	12	\$221B	\$0.24B	\$3.20B	\$3.16B	\$22.63B
Large Cap, Beta Growth, Beta: Growth	10	\$264B	\$0.23B	\$8.74B	\$9.13B	\$2.31B
Small Cap, Beta, Beta: Value	7	\$57B	\$0.19B	(\$1.05B)	\$1.73B	\$8.91B
Large Cap, Beta Growth, Beta: Value	10	\$203B	\$0.09B	\$1.95B	\$17.38B	\$32.44B
Small Cap, Beta, Beta: Growth	7	\$40B	\$0.08B	\$0.23B	(\$0.22B)	\$1.36B
Mid Cap, Beta, Beta: Value	6	\$41B	\$0.01B	(\$0.93B)	\$1.60B	\$3.76B
Mid Cap, Beta, Beta: Growth	6	\$41B	\$0.01B	\$0.05B	(\$1.87B)	(\$2.66B)

U.S. Size & Style Flow Leaders

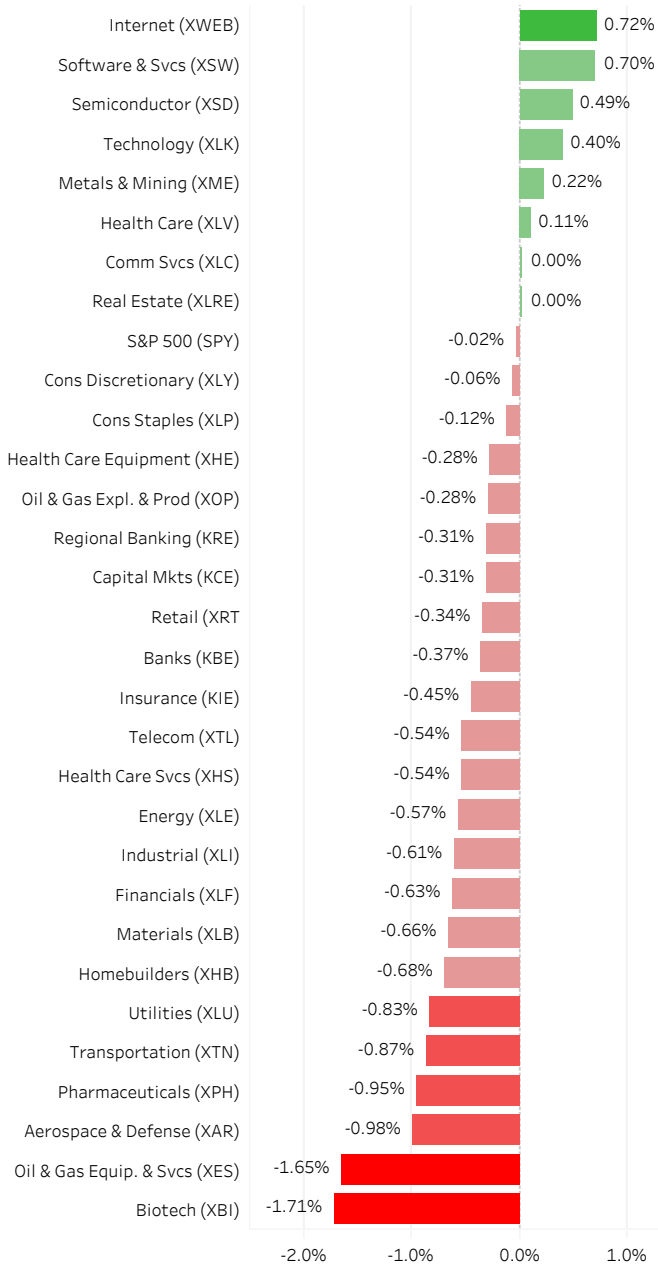
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$3.28B	\$14.44B	\$13.45B	\$8.20B	\$403.80B
QQQ	Invesco QQQ Trust	\$2.98B	\$13.61B	\$15.57B	\$14.31B	\$196.14B
IVV	iShares Core S&P 500 ETF	\$0.93B	\$4.63B	\$9.14B	\$19.20B	\$307.26B
VTI	Vanguard Total Stock Market ETF	\$0.59B	\$10.96B	\$22.11B	\$46.14B	\$274.10B
VOO	Vanguard S&P 500 ETF	\$0.37B	\$12.85B	\$23.21B	\$37.21B	\$256.94B
VBR	Vanguard Small Cap Value ETF	\$0.27B	\$0.67B	\$1.60B	\$4.14B	\$25.34B
VUG	Vanguard Growth ETF	\$0.17B	\$2.28B	\$3.95B	\$4.20B	\$86.55B
IJR	iShares Core S&P Small Cap ETF	\$0.16B	(\$0.96B)	(\$0.41B)	\$3.29B	\$70.63B
SCHD	Schwab US Dividend Equity ETF	\$0.15B	\$2.25B	\$6.30B	\$9.85B	\$28.14B
SCHA	Schwab U.S. Small-Cap ETF	\$0.15B	\$0.59B	\$0.89B	\$2.01B	\$16.97B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
ESGU	iShares ESG Aware MSCI USA ETF	(\$0.47B)	\$3.40B	\$5.24B	\$9.26B	\$22.49B
IWB	iShares Russell 1000 ETF	(\$0.44B)	(\$0.05B)	\$0.31B	(\$0.80B)	\$31.31B
SPHB	Invesco S&P 500 High Beta ETF	(\$0.42B)	(\$0.81B)	(\$0.43B)	\$0.68B	\$1.26B
IWM	iShares Russell 2000 ETF	(\$0.23B)	\$1.43B	(\$1.36B)	\$6.61B	\$69.32B
PWB	Invesco Dynamic Large Cap Growth ETF	(\$0.17B)	\$0.02B	\$0.00B	(\$0.07B)	\$0.85B
SUSA	iShares MSCI USA ESG Select ETF	(\$0.16B)	\$0.33B	\$0.38B	\$1.24B	\$3.82B
PWV	Invesco Dynamic Large Cap Value ETF	(\$0.15B)	\$0.00B	\$0.00B	(\$0.10B)	\$0.75B
IWF	iShares Russell 1000 Growth ETF	(\$0.12B)	\$2.15B	\$0.57B	(\$2.57B)	\$75.86B
QDF	FlexShares Quality Dividend Index Fund	(\$0.11B)	\$0.01B	(\$0.01B)	(\$0.08B)	\$1.65B
JVAL	JPMorgan U.S. Value Factor ETF	(\$0.08B)	(\$0.24B)	\$0.60B	\$0.71B	\$0.87B

* 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)
XLRE	Real Estate Select Sector SPDR Fund	0.00%	43.96%	5.26%	18.22%	74.19
XLV	Health Care Select Sector SPDR Fund	0.00%	34.97%	3.85%	12.89%	66.26
SPY	SPDR S&P 500 ETF Trust	-0.02%	40.43%	3.01%	11.41%	66.81
XLP	Consumer Staples Select Sector SPDR Fund	-0.19%	17.00%	2.21%	6.13%	60.85
XLK	Technology Select Sector SPDR Fund	-0.21%	44.01%	3.86%	14.53%	65.39
XLY	Consumer Discretionary Select Sector SPDR Fund	-0.60%	29.69%	1.42%	7.09%	58.43
XLC	Communication Services Select Sector SPDR Fund	-0.67%	48.28%	3.39%	13.22%	64.76
XLU	Utilities Select Sector SPDR Fund	-0.83%	21.63%	4.18%	8.05%	62.02
XLI	Industrial Select Sector SPDR Fund	-0.89%	39.70%	1.15%	7.29%	53.42
XLF	Financial Select Sector SPDR Fund	-2.38%	64.09%	2.19%	10.82%	51.83
XLB	Materials Select Sector SPDR Fund	-3.73%	38.88%	2.22%	7.10%	54.35
XLE	Energy Select Sector SPDR Fund	-13.47%	75.46%	-2.44%	1.45%	49.13

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PTF	Invesco DWA Technology Momentum ETF	2.11%
IGV	iShares Expanded Tech-Software Sector ETF	0.94%
JHMT	John Hancock Multifactor Technology ETF	0.93%
FXL	First Trust Technology AlphaDEX Fund	0.88%
PSJ	Invesco Dynamic Software ETF	0.88%
FTXL	First Trust Nasdaq Semiconductor ETF	0.80%
SOXX	iShares Semiconductor ETF	0.75%
XWEB	SPDR S&P Internet ETF	0.72%
XNTK	SPDR NYSE Technology ETF	0.70%
XSW	SPDR S&P Software & Services ETF	0.70%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IHI	iShares U.S. Medical Devices ETF	76.47
NURE	Nuveen Short-Term REIT ETF	75.74
FXH	First Trust Health Care AlphaDEX Fund	75.34
VNQ	Vanguard Real Estate ETF	75.32
IYR	iShares U.S. Real Estate ETF	74.73
USRT	iShares Core U.S. REIT ETF	74.68
BBRE	JPMorgan BetaBuilders MSCI U.S. REIT ETF	74.60
FREL	Fidelity MSCI Real Estate Index ETF	74.28
SCHH	Schwab U.S. REIT ETF	74.21
XLRE	Real Estate Select Sector SPDR Fund	74.19

Sector & Industry 1 Day Performance Laggards

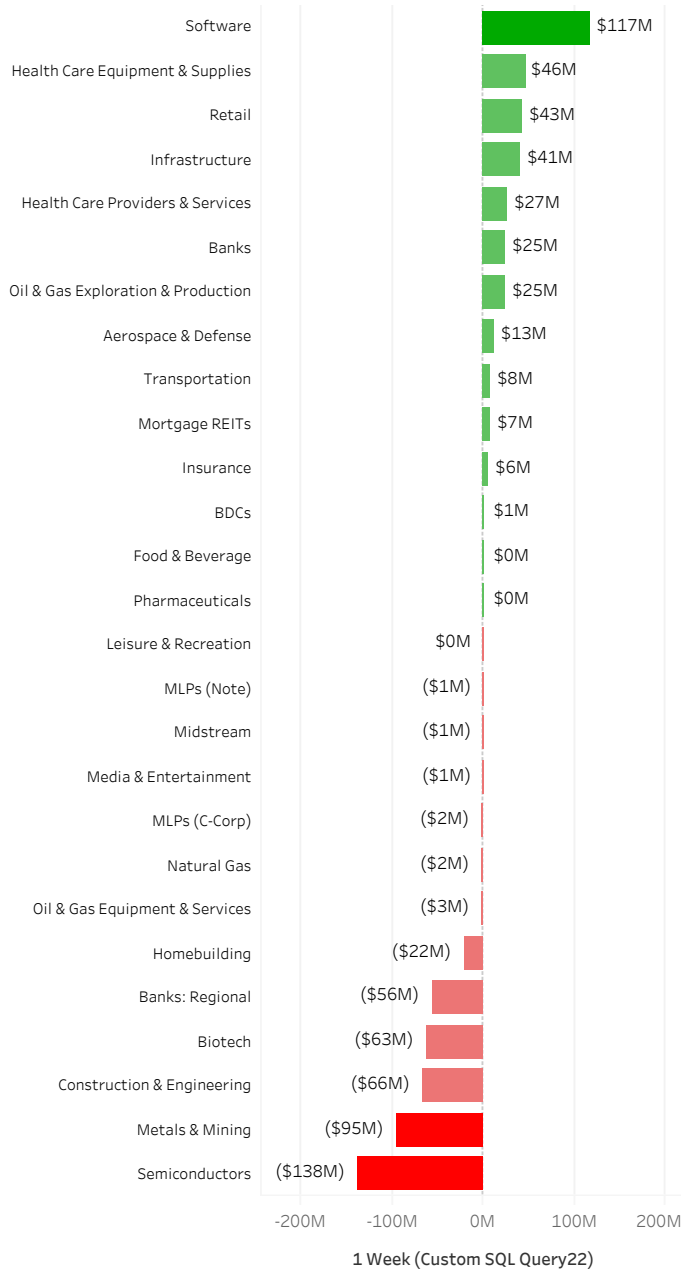
Ticker	Fund	1 Day Performance
XBI	SPDR S&P BIOTECH ETF	-1.71%
IEZ	iShares U.S. Oil Equipment & Services ETF	-1.65%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-1.65%
PEZ	Invesco DWA Consumer Cyclical Momentum ETF	-1.42%
PSCD	Invesco S&P SmallCap Consumer Discretionary ETF	-1.27%
ITB	iShares U.S. Home Construction ETF	-1.12%
IYT	iShares US Transportation ETF	-1.02%
ITA	iShares U.S. Aerospace & Defense ETF	-0.99%
XAR	SPDR S&P Aerospace & Defense ETF	-0.98%
PBE	Invesco Dynamic Biotechnology & Genome ETF	-0.96%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XAR	SPDR S&P Aerospace & Defense ETF	44.14
XPH	SPDR S&P Pharmaceuticals ETF	44.32
ITA	iShares U.S. Aerospace & Defense ETF	44.33
PSCD	Invesco S&P SmallCap Consumer Discretionary ETF	47.66
FTXR	First Trust Nasdaq Transportation ETF	48.52
IYT	iShares US Transportation ETF	48.61
PPA	Invesco Aerospace & Defense ETF	48.81
XLE	Energy Select Sector SPDR Fund	49.13
IYG	iShares US Financial Services ETF	49.18
QABA	First Trust NASDAQ ABA Community Bank Index Fund	49.32

* 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	(\$11M)	\$1,647M	\$1,615M	\$2,003M
Consumer Discretionary	13	\$34B	(\$272M)	(\$542M)	\$484M	\$2,922M
Consumer Staples	12	\$22B	(\$383M)	\$1,364M	\$1,489M	(\$3,164M)
Energy	34	\$47B	(\$82M)	(\$2,660M)	\$2,449M	\$9,205M
Financials	28	\$79B	(\$194M)	(\$3,151M)	\$6,817M	\$21,517M
Health Care	25	\$95B	(\$2M)	\$5,324M	\$5,000M	\$3,701M
Industrial	14	\$37B	(\$530M)	(\$3,095M)	(\$688M)	\$5,285M
Materials	10	\$17B	(\$175M)	(\$1,763M)	\$2,701M	\$6,621M
Multi-Sector	16	\$26B	(\$10M)	\$271M	\$2,775M	\$4,068M
Real Estate	21	\$77B	\$1,514M	\$3,457M	\$7,513M	\$11,445M
Technology	24	\$145B	\$211M	\$4,098M	\$3,360M	\$1,432M
Utilities	10	\$22B	\$70M	\$2,060M	\$1,132M	\$10M

U.S. Sector & Industry Flow Leaders

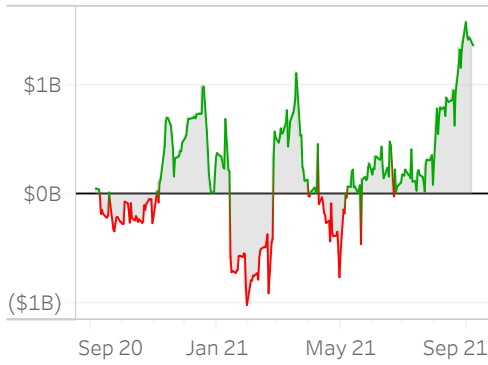
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IYR	iShares U.S. Real Estate ETF	\$1,293M	\$312M	\$1,123M	\$1,898M	\$6,890M
IGV	iShares Expanded Tech-Software Sector ETF	\$191M	\$210M	(\$400M)	(\$1,051M)	\$5,641M
XLU	Utilities Select Sector SPDR Fund	\$100M	\$1,901M	\$830M	(\$354M)	\$14,046M
XLRE	Real Estate Select Sector SPDR Fund	\$97M	\$1,077M	\$1,463M	\$1,331M	\$4,613M
XLC	Communication Services Select Sector SPDR Fu..	\$95M	\$1,017M	\$816M	\$1,027M	\$15,951M
XLK	Technology Select Sector SPDR Fund	\$87M	\$1,267M	\$1,155M	(\$841M)	\$46,406M
IYW	iShares U.S. Technology ETF	\$87M	\$759M	\$536M	\$312M	\$9,051M
IYH	iShares U.S. Healthcare ETF	\$59M	\$245M	\$154M	\$120M	\$3,124M
IHI	iShares U.S. Medical Devices ETF	\$46M	\$62M	(\$1,138M)	(\$1,649M)	\$8,787M
XRT	SPDR S&P Retail ETF	\$43M	\$389M	\$603M	\$415M	\$1,230M

U.S. Sector & Industry Flow Laggards

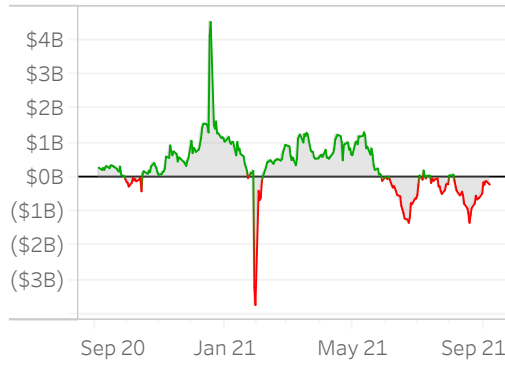
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLI	Industrial Select Sector SPDR Fund	(\$450M)	(\$1,995M)	(\$967M)	\$2,518M	\$19,054M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$230M)	(\$934M)	(\$1,338M)	\$17M	\$19,848M
XLP	Consumer Staples Select Sector SPDR Fund	(\$214M)	\$1,245M	\$1,568M	(\$2,415M)	\$13,276M
XLF	Financial Select Sector SPDR Fund	(\$192M)	(\$2,494M)	\$1,996M	\$12,380M	\$43,084M
VDC	Vanguard Consumer Staples ETF	(\$164M)	\$92M	\$21M	(\$395M)	\$5,997M
VOX	Vanguard Communication Services ETF	(\$116M)	\$533M	\$610M	\$727M	\$4,802M
XME	SPDR S&P Metals & Mining ETF	(\$95M)	(\$514M)	\$57M	\$686M	\$1,842M
PSI	Invesco Dynamic Semiconductors ETF	(\$91M)	\$37M	\$88M	\$201M	\$682M
PSJ	Invesco Dynamic Software ETF	(\$76M)	(\$53M)	(\$127M)	(\$123M)	\$529M
XLV	Health Care Select Sector SPDR Fund	(\$75M)	\$3,399M	\$4,838M	\$2,832M	\$34,018M

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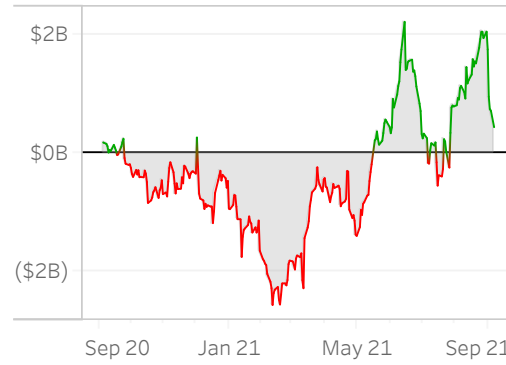
Communication Services



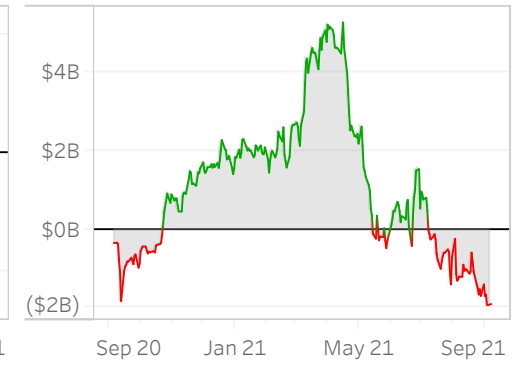
Consumer Discretionary



Consumer Staples



Energy



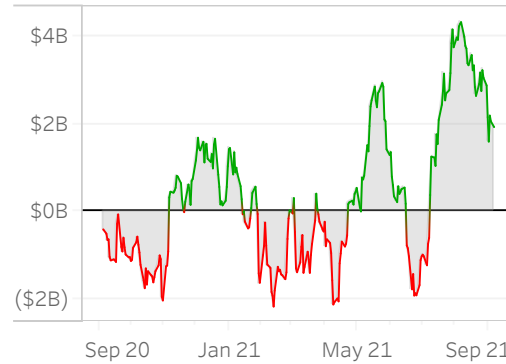
Financials



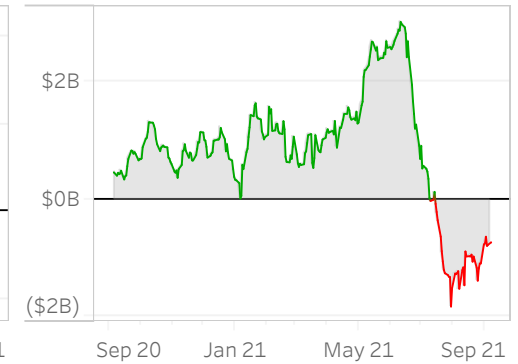
Industrial



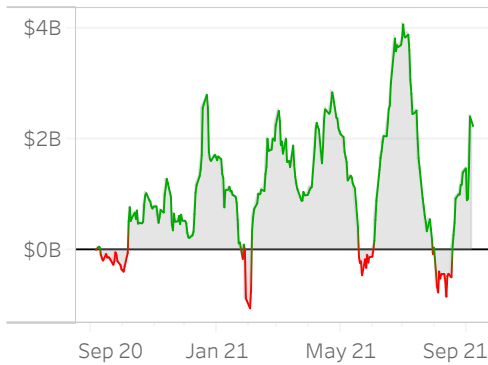
Health Care



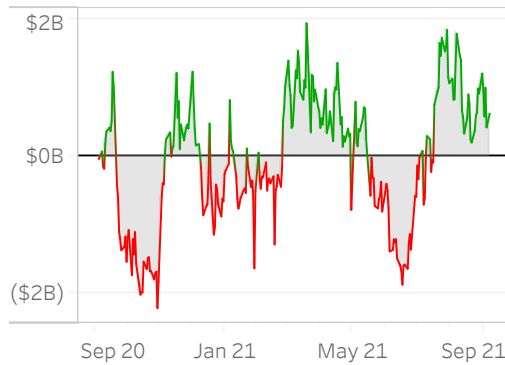
Materials



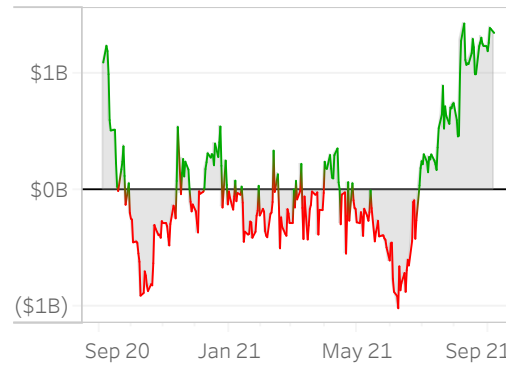
Real Estate



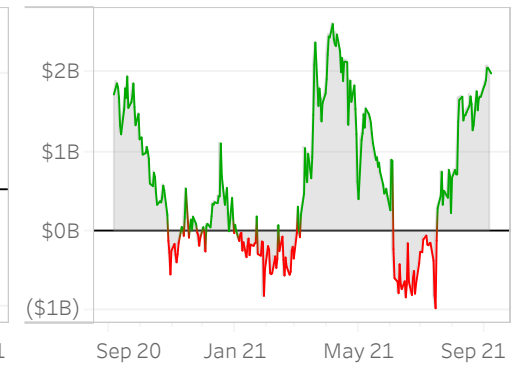
Technology



Utilities

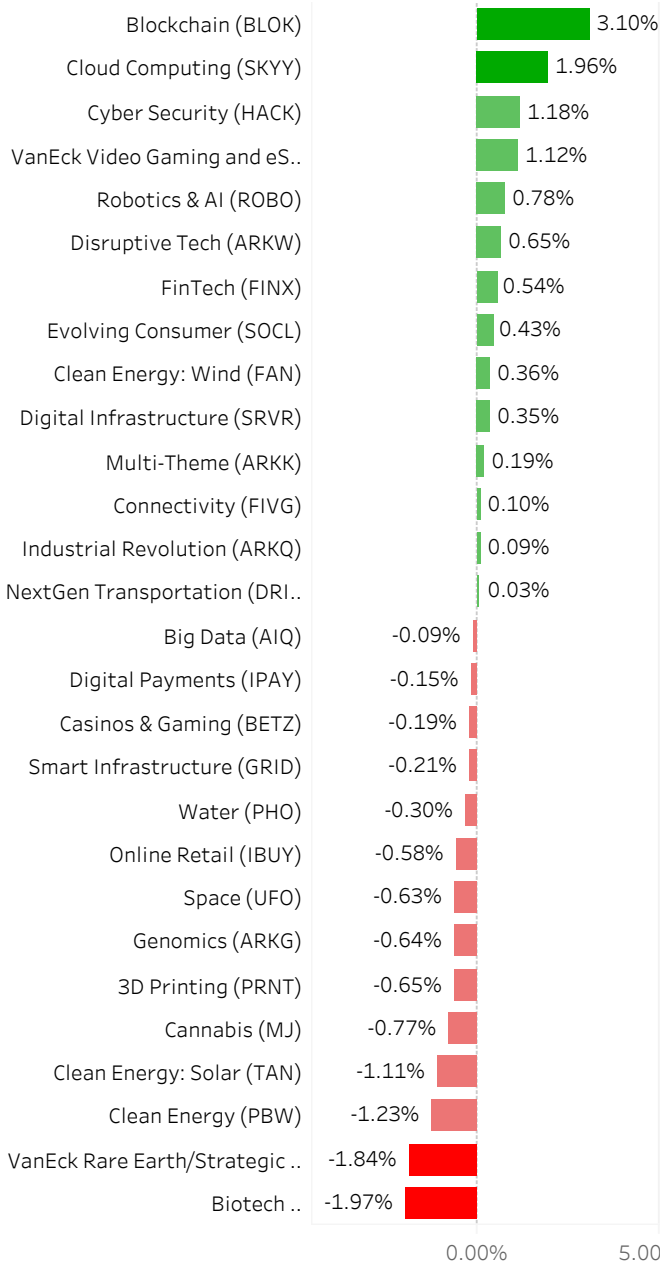


Multi-Sector

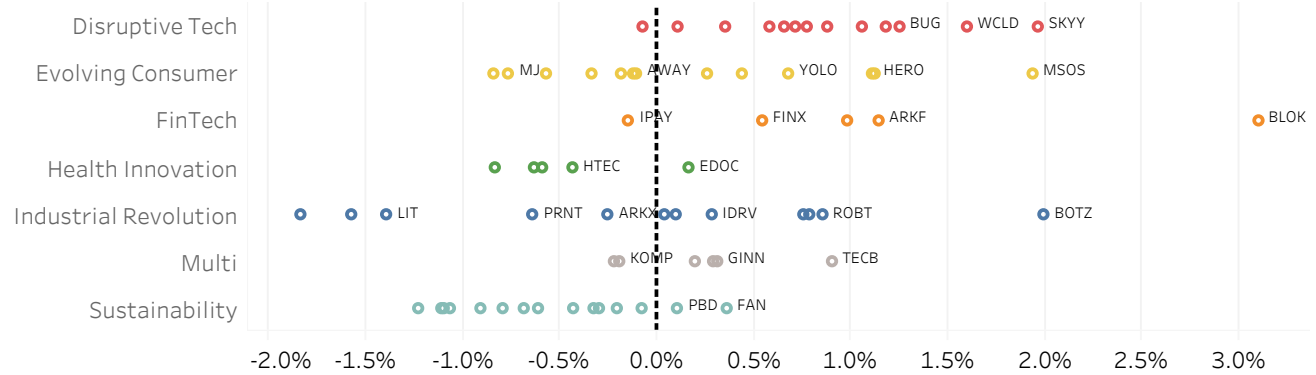


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
BITQ	Bitwise Crypto Industry Innovators ETF	3.56%
DAPP	VanEck Digital Transformation ETF	3.44%
BLOK	Amplify Transformational Data Sharing ETF	3.10%
IVES	Wedbush ETFMG Global Cloud Technology ETF	2.79%
BOTZ	Global X Robotics & Artificial Intelligence ETF	1.99%
SKYY	First Trust Cloud Computing ETF	1.96%
MSOS	AdvisorShares Pure US Cannabis ETF	1.93%
WCLD	WisdomTree Cloud Computing Fund	1.59%
BUG	Global X Cybersecurity ETF	1.25%
HACK	ETFMG Prime Cyber Security ETF	1.18%

Thematic Most Overbought

Ticker	Fund	Value
CLOU	Global X Cloud Computing ETF	78.63
IVES	Wedbush ETFMG Global Cloud Technology ETF	78.62
BUG	Global X Cybersecurity ETF	77.97
BOTZ	Global X Robotics & Artificial Intelligence ETF	77.57
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR..	76.63
HACK	ETFMG Prime Cyber Security ETF	75.27
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	75.23
IHAK	iShares Cybersecurity & Tech ETF	75.15
KLDW	Knowledge Leaders Developed World ETF	75.04
CIBR	First Trust NASDAQ Cybersecurity ETF	75.00

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
SBIO	ALPS Medical Breakthroughs ETF	-1.97%
REMX	VanEck Rare Earth/Strategic Metals ETF	-1.84%
KARS	KraneShares Electric Vehicles & Future Mobility Index E..	-1.58%
LIT	Global X Lithium & Battery Tech ETF	-1.40%
PBW	Invesco WilderHill Clean Energy ETF	-1.23%
TAN	Invesco Solar ETF	-1.11%
ACES	ALPS Clean Energy ETF	-1.10%
CNRG	SPDR S&P Kensho Clean Power ETF	-1.07%
POTX	Global X Cannabis ETF	-0.95%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	-0.91%

Thematic Most Oversold

Ticker	Fund	Value
KSTR	KraneShares SSE STAR Market 50 Index ETF	31.62
MSOS	AdvisorShares Pure US Cannabis ETF	41.49
KFVG	KraneShares CICC China 5G & Semiconductor Index ETF	42.80
POTX	Global X Cannabis ETF	43.04
MJ	ETFMG Alternative Harvest ETF	44.96
IBUY	Amplify Online Retail ETF	45.04
YOLO	AdvisorShares Pure Cannabis ETF	45.24
CNBS	Amplify Seymour Cannabis ETF	45.93
ONLN	ProShares Online Retail ETF	47.54
THCX	Cannabis ETF	47.71

* 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	\$702M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$93M
LIT	Global X Lithium & Battery Tech ETF	\$92M
IBUY	Amplify Online Retail ETF	\$47M
BUG	Global X Cybersecurity ETF	\$41M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$36M
ARKG	ARK Genomic Revolution ETF	\$34M
BLOK	Amplify Transformational Data Sharing ETF	\$28M
FIW	First Trust Water ETF	\$27M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$25M

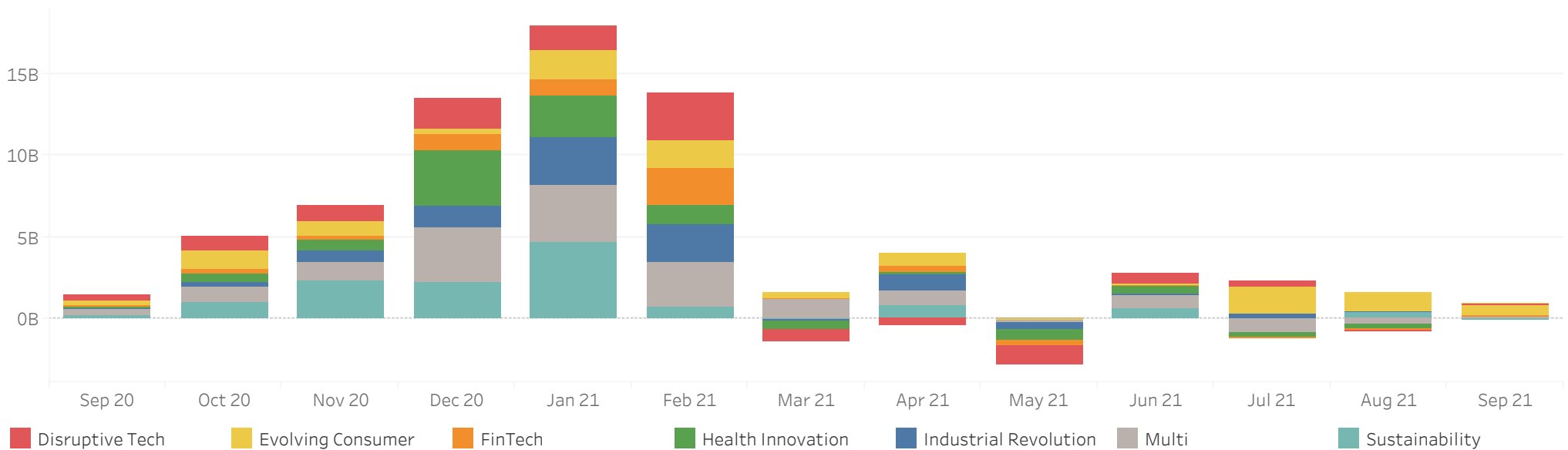
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$36M)
PBW	Invesco WilderHill Clean Energy ETF	(\$33M)
GXTG	Global X Thematic Growth ETF	(\$32M)
KFVG	KraneShares CICC China 5G & Semiconductor Index ETF	(\$14M)
TAN	Invesco Solar ETF	(\$14M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$13M)
SKYY	First Trust Cloud Computing ETF	(\$11M)
ERTH	Invesco MSCI Sustainable Future ETF	(\$10M)
FINX	Global X FinTech ETF	(\$8M)
ARKX	ARK Space Exploration & Innovation ETF	(\$7M)

Thematic Landscape Assets & Flows

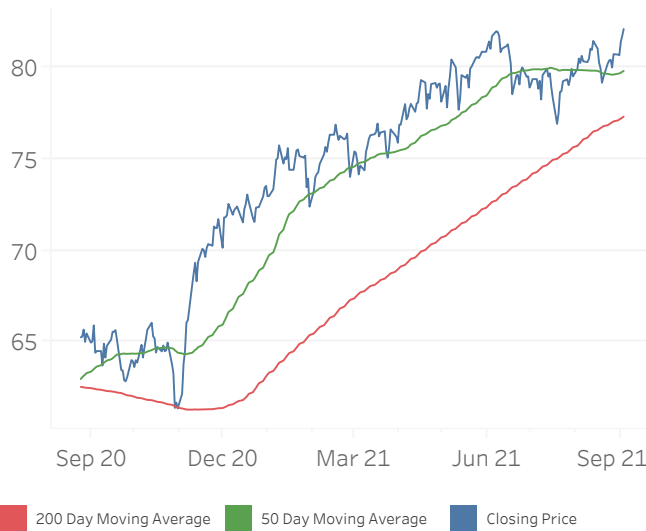
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	29	\$30B	\$51M	\$1,010M	(\$998M)	\$7,239M
Evolving Consumer	38	\$18B	\$681M	\$3,702M	\$4,637M	\$10,853M
FinTech	12	\$8B	\$19M	(\$116M)	\$12M	\$4,855M
Health Innovation	14	\$11B	\$12M	(\$139M)	(\$702M)	\$7,416M
Industrial Revolution	22	\$18B	\$96M	\$515M	\$957M	\$8,460M
Multi	27	\$32B	\$42M	(\$15M)	\$1,103M	\$13,687M
Sustainability	31	\$23B	\$27M	\$1,022M	\$1,840M	\$12,906M
Grand Total	173	\$140B	\$928M	\$5,978M	\$6,850M	\$65,415M

Thematic Monthly Flows

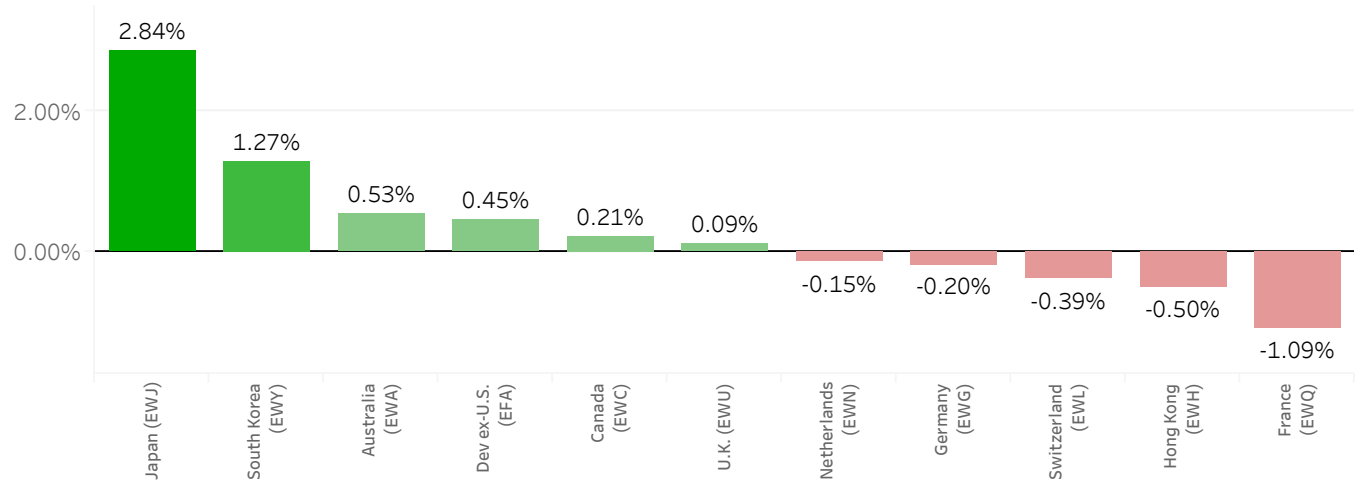


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

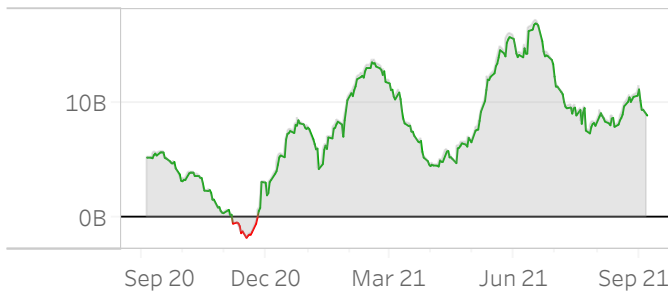
Developed ex-U.S. (EFA)



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



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



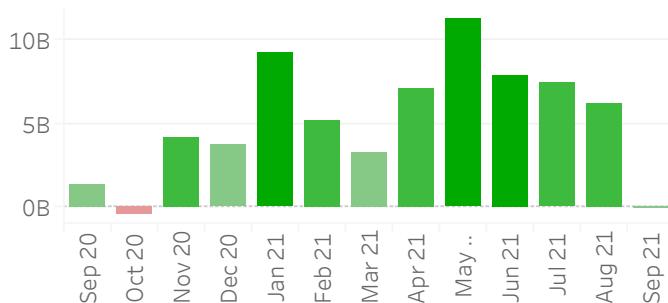
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
JPNX	iShares JPX-Nikkei 400 ETF	2.94%
FLJP	Franklin FTSE Japan ETF	2.91%
BBJP	JPMorgan BetaBuilders Japan ETF	2.88%
EWJ	iShares MSCI Japan ETF	2.84%
HEWJ	iShares Currency Hedged MSCI Japan ETF	2.77%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	2.72%
DXJ	WisdomTree Japan Hedged Equity Fund	2.66%
DFJ	WisdomTree Japan SmallCap Dividend Fund	2.62%
SCJ	iShares MSCI Japan Small-Cap ETF	2.41%
IPAC	iShares Core MSCI Pacific ETF	2.05%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	75.95
SCJ	iShares MSCI Japan Small-Cap ETF	75.90
EWN	iShares MSCI Netherlands ETF	75.51
JPNX	iShares JPX-Nikkei 400 ETF	75.39
HEWJ	iShares Currency Hedged MSCI Japan ETF	74.36
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	74.32
BBJP	JPMorgan BetaBuilders Japan ETF	74.28
FLJP	Franklin FTSE Japan ETF	74.24
EWJ	iShares MSCI Japan ETF	74.18
DFJ	WisdomTree Japan SmallCap Dividend Fund	74.02

Developed ex-U.S. Monthly Flows



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

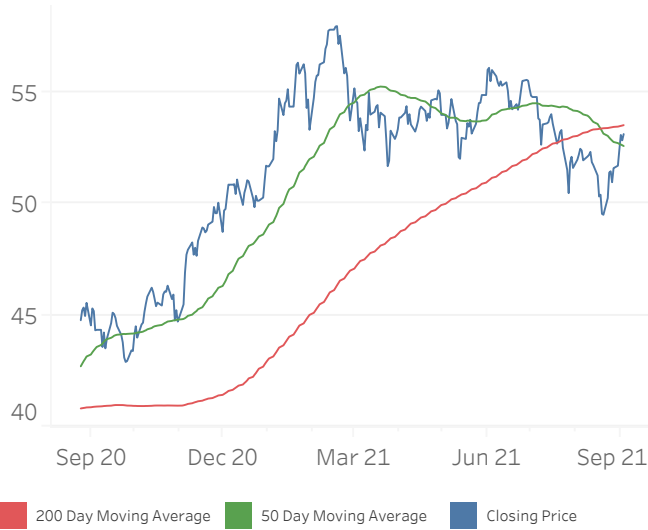
Ticker	Fund	1-Day Performance
EWQ	iShares MSCI France ETF	-1.09%
EWP	iShares MSCI Spain ETF	-1.08%
FEZ	SPDR EURO STOXX 50 ETF	-0.64%
EZU	iShares MSCI Eurozone ETF	-0.62%
HEZU	iShares Currency Hedged MSCI Eurozone ETF	-0.61%
EWD	iShares MSCI Sweden ETF	-0.51%
EWI	iShares MSCI Italy ETF	-0.51%
EWH	iShares MSCI Hong Kong ETF	-0.50%
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	-0.49%
IEUR	iShares Core MSCI Europe ETF	-0.43%

Developed ex-U.S. Most Oversold

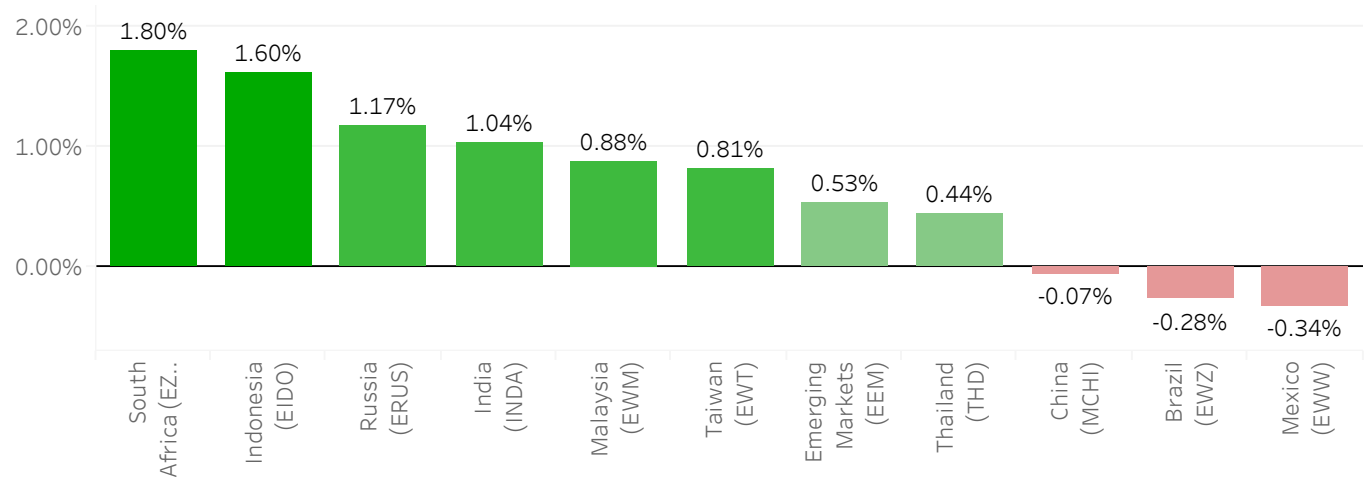
Ticker	Fund	Price
EWH	iShares MSCI Hong Kong ETF	44.02
LVHI	Legg Mason International Low Volatility High Divide..	44.78
HEWG	iShares Currency Hedged MSCI Germany ETF	49.05
FDD	First Trust Stoxx European Select Dividend Index Fu..	50.48
EWP	iShares MSCI Spain ETF	50.82
FLKR	Franklin FTSE South Korea ETF	52.28
EWS	iShares MSCI Singapore ETF	52.36
EWY	iShares MSCI South Korea ETF	52.79
EWL	iShares MSCI Switzerland ETF	53.08
EWI	iShares MSCI Italy ETF	53.76

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

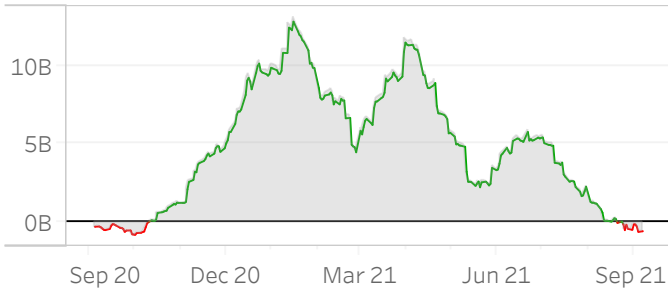
Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



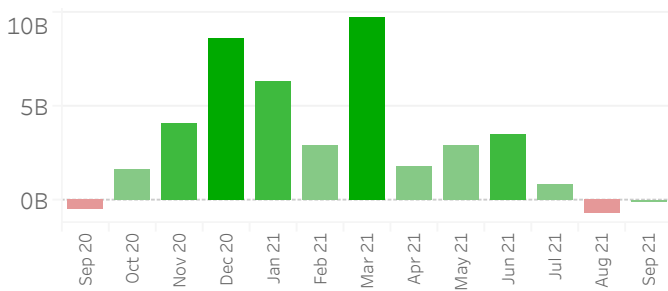
Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EZA	iShares MSCI South Africa ETF	1.80%
EIDO	iShares MSCI Indonesia ETF	1.60%
PIN	Invesco India ETF	1.27%
ERUS	iShares MSCI Russia ETF	1.17%
GLIN	VanEck India Growth Leaders ETF	1.15%
EMGF	iShares MSCI Emerging Markets Multifactor ETF	1.10%
EEMA	iShares MSCI Emerging Markets Asia ETF	1.07%
EPU	iShares MSCI Peru ETF	1.06%
FEM	First Trust Emerging Markets AlphaDEX Fund	1.04%
INDA	iShares MSCI India ETF	1.04%

Emerging Most Overbought

Ticker	Fund	Value
INDA	iShares MSCI India ETF	84.15
PIN	Invesco India ETF	83.44
INDY	iShares India 50 ETF	80.88
THD	iShares MSCI Thailand ETF	79.31
GLIN	VanEck India Growth Leaders ETF	78.98
EPI	WisdomTree India Earnings Fund	77.36
NFTY	First Trust India NIFTY 50 Equal Weight ETF	76.65
EELV	Invesco S&P Emerging Markets Low Volatility ETF	74.17
EPOL	iShares MSCI Poland ETF	73.48
SMIN	iShares MSCI India Small Cap ETF	72.14

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

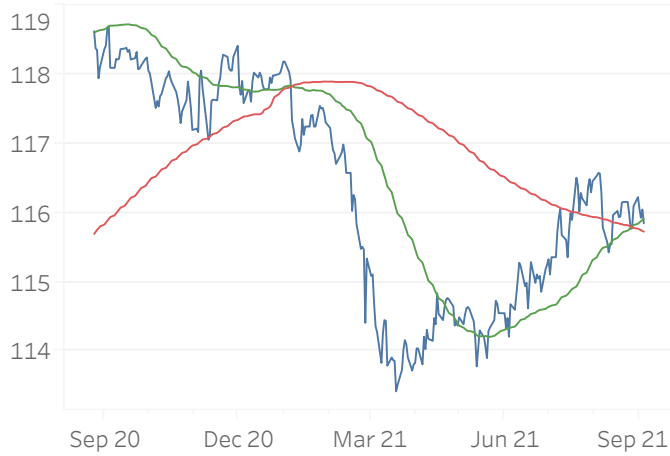
Ticker	Fund	1-Day Performance
TUR	iShares MSCI Turkey ETF	-0.66%
PGJ	Invesco Golden Dragon China ETF	-0.65%
EWZS	iShares MSCI Brazil Small-Cap ETF	-0.56%
CNYA	iShares MSCI China A ETF	-0.47%
KBA	KraneShares Boser MSCI China A Share ETF	-0.43%
GXC	SPDR S&P China ETF	-0.37%
ILF	iShares Latin America 40 ETF	-0.34%
EWW	iShares MSCI Mexico ETF	-0.34%
EWZ	iShares MSCI Brazil ETF	-0.28%
FLBR	Franklin FTSE Brazil ETF	-0.21%

Emerging Most Oversold

Ticker	Fund	Value
EWZS	iShares MSCI Brazil Small-Cap ETF	42.33
FLBR	Franklin FTSE Brazil ETF	42.50
EWZ	iShares MSCI Brazil ETF	43.11
ILF	iShares Latin America 40 ETF	44.07
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	49.09
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	49.36
KBA	KraneShares Boser MSCI China A Share ETF	49.42
CNYA	iShares MSCI China A ETF	49.83
BICK	First Trust BICK Index Fund	51.36
EPU	iShares MSCI Peru ETF	52.27

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

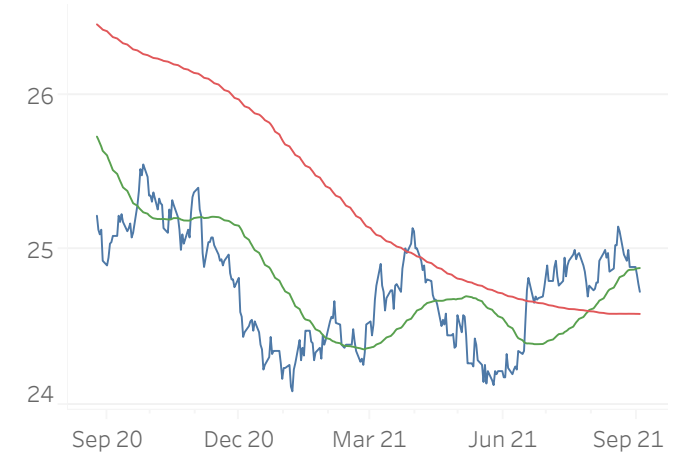
Fixed Income (AGG)



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	0.00%	0.20%	-0.80%
SHY	1-3 Year Treasury Bonds	0.00%	0.04%	-0.02%
IEF	7-10 Year Treasury Bonds	0.00%	0.04%	-1.95%
TLT	20+ Year Treasury Bonds	0.00%	0.40%	-5.07%
TIP	TIPS Bonds	0.00%	0.42%	3.95%
FLOT	Floating Rate Bonds	0.00%	0.01%	0.40%
LQD	Investment Grade Corporate	0.00%	0.42%	-0.77%
HYG	High Yield Corporate	0.00%	1.04%	3.56%
BKLN	Senior Loan	0.00%	1.20%	1.78%
PFF	Preferred & Income Securities	0.00%	0.33%	5.64%
MUB	Municipal Bonds	0.00%	-0.30%	0.97%
MBB	MBS	0.00%	0.17%	-0.44%
EMB	Dollar Denominated EM Bonds	0.00%	1.40%	0.14%
LEMB	Local Currency EM Bond	0.00%	1.75%	-3.36%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.00%	3.01%	28.13%
DBE	Energy	0.00%	2.41%	45.30%
USO	WTI Crude Oil	0.00%	2.29%	47.41%
BNO	Brent Crude Oil	0.00%	3.38%	47.13%
UNG	Natural Gas	0.00%	13.40%	78.48%
UGA	Gasoline	0.00%	1.60%	51.62%
DBP	Precious Metals	0.00%	3.57%	-5.57%
GLD	Gold	0.00%	3.90%	-4.09%
SLV	Silver	0.00%	1.60%	-6.88%
PPLT	Platinum	0.00%	4.37%	-5.14%
PALL	Palladium	0.00%	-7.64%	-1.27%
DBB	Base Metals	0.00%	1.56%	20.34%
CPER	Copper	0.00%	-0.15%	21.76%
LD	Lead	0.00%	1.36%	15.67%
JJN	Nickel	0.00%	3.28%	18.82%
JJU	Aluminum	0.00%	5.37%	35.06%
JJT	Tin	0.00%	-4.43%	83.47%
DBA	Agriculture	0.00%	1.01%	18.15%
CORN	Corn	0.00%	-5.04%	26.32%
SOYB	Soybeans	0.00%	-2.26%	15.46%
WEAT	Wheat	0.00%	-0.84%	14.22%
CANE	Sugar	0.00%	7.60%	42.67%
BAL	Cotton	0.00%	2.39%	15.17%
NIB	Cocoa	0.00%	6.91%	0.20%
JO	Coffee	0.00%	7.99%	43.06%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.00%	-0.80%	2.02%
UDN	Short Dollar	0.00%	0.76%	-2.94%
FXE	Euro	0.00%	0.99%	-3.39%
FXB	British Pound Sterling	0.00%	-0.13%	1.12%
FXF	Swiss Franc	0.00%	0.00%	-3.96%
FXJ	Japanese Yen	0.00%	0.45%	-6.23%
FXC	Canadian Dollar	0.00%	0.24%	1.29%
FXA	Australian Dollar	0.00%	1.27%	-3.66%

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[FactSet Research Systems](#)

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