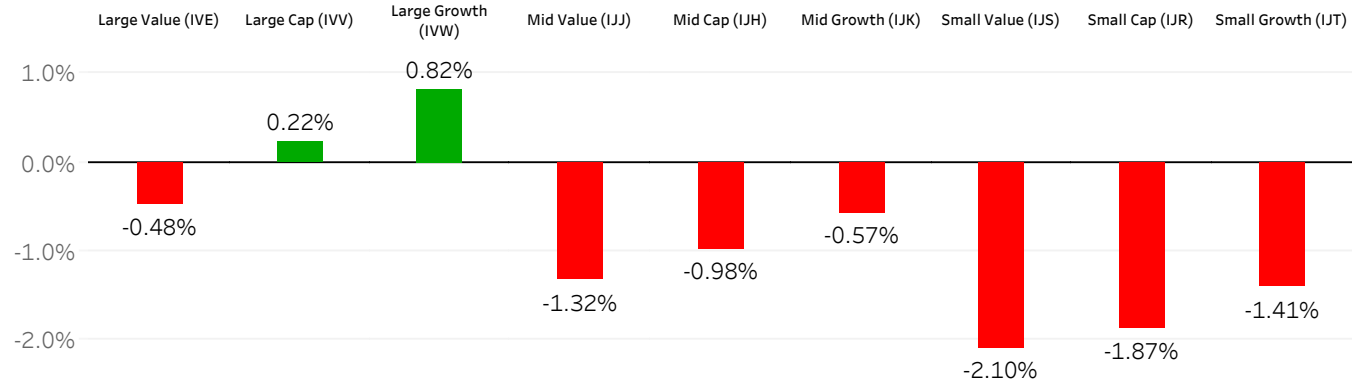


Large Cap Blend (S&P 500) IVV



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
QQH	HCM Defender 100 Index ETF	1.02%
RPG	Invesco S&P 500 Pure Growth ETF	1.02%
ENTR	ERShares Entrepreneurs ETF	0.95%
SCHG	Schwab U.S. Large-Cap Growth ETF	0.83%
MGK	Vanguard Mega Cap Growth ETF	0.83%
NULG	Nuveen ESG Large-Cap Growth ETF	0.83%
IVW	iShares S&P 500 Growth ETF	0.82%
VOOG	Vanguard S&P 500 Growth ETF	0.81%
IUSG	iShares Core S&P U.S. Growth ETF	0.80%
WBIG	WBI BullBear Yield 3000 ETF	0.79%

Size & Style Most Overbought

Ticker	Fund	Value
RPG	Invesco S&P 500 Pure Growth ETF	69.43
IWY	iShares Russell Top 200 Growth ETF	68.20
IVW	iShares S&P 500 Growth ETF	67.54
SPYG	SPDR Portfolio S&P 500 Growth ETF	67.43
TMFC	Motley Fool 100 Index ETF	67.39
IWF	iShares Russell 1000 Growth ETF	67.19
VONG	Vanguard Russell 1000 Growth ETF	67.14
MGK	Vanguard Mega Cap Growth ETF	67.14
QQQM	Invesco NASDAQ 100 ETF	67.06
STLG	iShares Factors US Growth Style ETF	66.91

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
DSPC	De-Spac ETF	-2.58%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	-2.29%
XSVM	Invesco S&P SmallCap Value with Momen..	-2.24%
SVAL	iShares US Small Cap Value Factor ETF	-2.23%
CALF	Pacer US Small Cap Cash Cows 100 ETF	-2.20%
RWJ	Invesco S&P SmallCap 600 Revenue ETF	-2.20%
VIOV	Vanguard S&P Small-Cap 600 Value ETF	-2.13%
IJS	iShares S&P Small-Cap 600 Value ETF	-2.10%
SLYV	SPDR S&P 600 Small Cap Value ETF	-2.08%
FDM	First Trust Dow Jones Select MicroCap In..	-2.00%

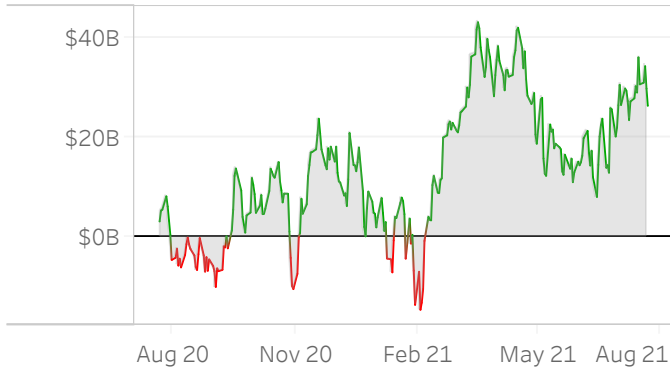
Size & Style Most Oversold

Ticker	Fund	Value
DSPC	De-Spac ETF	34.99
SMDV	ProShares Russell 2000 Dividend Growers ETF	36.18
SPAK	Defiance Next Gen SPAC Derived ETF	36.26
PEY	Invesco High Yield Equity Dividend Achievers ETF	37.95
SDEI	Sound Equity Income ETF	38.25
QVMS	Invesco S&P SmallCap 600 QVM Multi-factor ETF	38.29
KSCD	KFA Small Cap Quality Dividend Index ETF	38.47
CSB	VictoryShares US Small Cap High Dividend Volatility ..	38.69
SVAL	iShares US Small Cap Value Factor ETF	39.57
XSHD	Invesco S&P SmallCap High Dividend Low Volatility E..	40.05

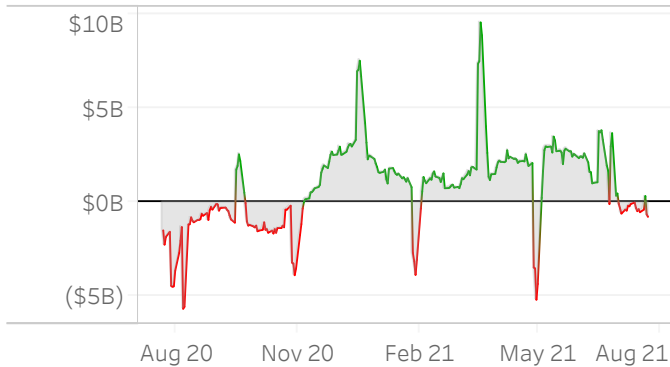
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

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

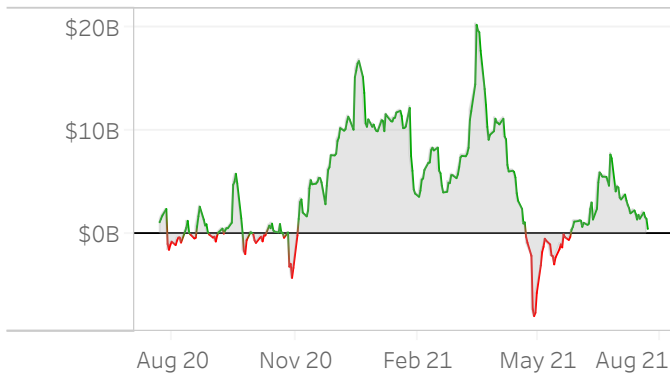
Large-Cap 30-Day Rolling Flows



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: Growth	10	\$247B	\$1.23B	\$5.36B	\$4.60B	(\$3.96B)
Large Cap, Beta Growth, Beta: Value	10	\$192B	\$0.31B	\$7.78B	\$19.53B	\$31.74B
Small Cap, Beta, Beta	12	\$208B	\$0.20B	\$0.80B	\$5.91B	\$20.71B
Small Cap, Beta, Beta: Growth	7	\$38B	(\$0.03B)	(\$0.23B)	\$0.07B	\$1.05B
Mid Cap, Beta, Beta: Value	6	\$39B	(\$0.04B)	\$0.89B	\$2.52B	\$3.50B
Mid Cap, Beta, Beta: Growth	6	\$38B	(\$0.16B)	(\$0.91B)	(\$2.17B)	(\$2.53B)
Small Cap, Beta, Beta: Value	7	\$55B	(\$0.31B)	\$0.25B	\$4.44B	\$9.22B
Mid Cap, Beta, Beta	10	\$180B	(\$0.70B)	\$0.77B	\$3.98B	\$7.15B
Large Cap, Beta Growth, Beta	24	\$1,205B	(\$4.32B)	\$24.93B	\$59.83B	\$57.83B

U.S. Size & Style 1 Week Flow Leaders

Ticker	Fund	Flow
IVV	iShares Core S&P 500 ETF	\$1,955M
VOO	Vanguard S&P 500 ETF	\$1,829M
QUAL	iShares MSCI USA Quality Factor ETF	\$989M
ITOT	iShares Core S&P Total U.S. Stock Market ETF	\$539M
IWF	iShares Russell 1000 Growth ETF	\$513M
VIG	Vanguard Dividend Appreciation ETF	\$442M
VUG	Vanguard Growth ETF	\$332M
SPLG	SPDR Portfolio S&P 500 ETF	\$331M
IWM	iShares Russell 2000 ETF	\$243M
MTUM	iShares MSCI USA Momentum Factor ETF	\$200M

U.S. Size & Style 3-Month Flows Leaders

Ticker	Fund	Flow
VOO	Vanguard S&P 500 ETF	\$10.73B
VTI	Vanguard Total Stock Market ETF	\$9.34B
VTV	Vanguard Value ETF	\$5.16B
IVV	iShares Core S&P 500 ETF	\$4.17B
QQQ	Invesco QQQ Trust	\$3.74B
SCHD	Schwab US Dividend Equity ETF	\$3.63B
SPY	SPDR S&P 500 ETF Trust	\$2.46B
SPYG	SPDR Portfolio S&P 500 Growth ETF	\$2.08B
VUG	Vanguard Growth ETF	\$2.05B
QUAL	iShares MSCI USA Quality Factor ETF	\$2.02B

U.S. Size & Style 1 Week Flow Laggards

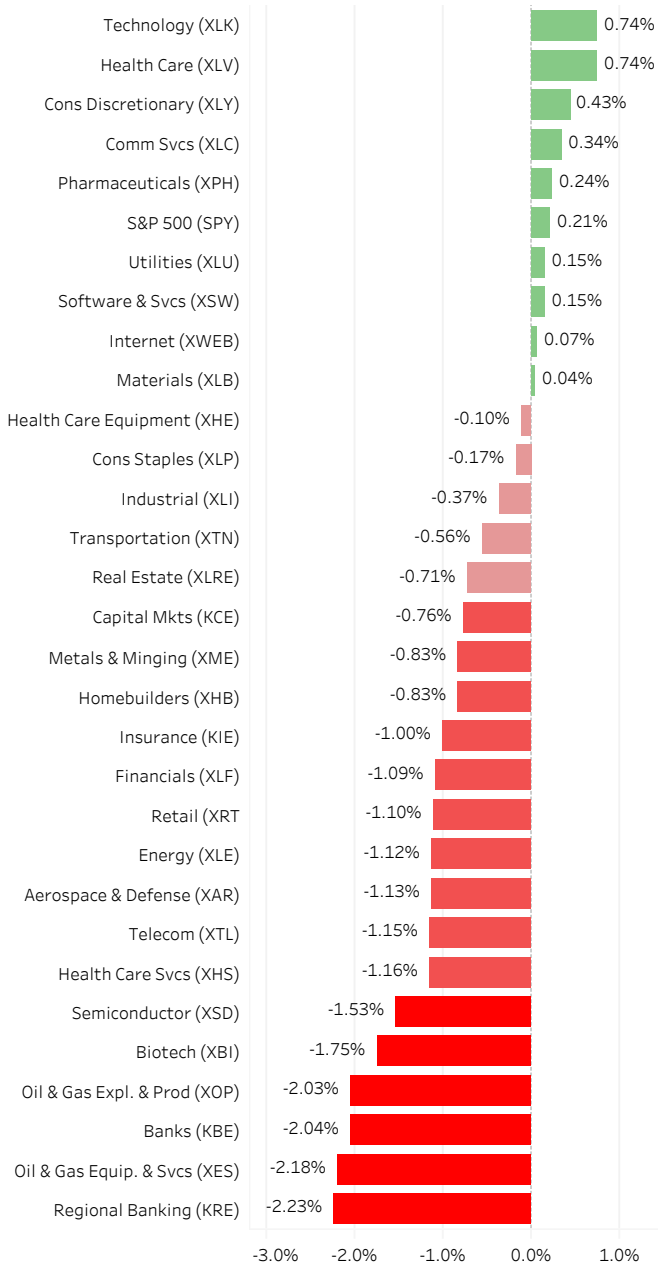
Ticker	Fund	Flow
SPY	SPDR S&P 500 ETF Trust	(\$6,134M)
QQQ	Invesco QQQ Trust	(\$4,065M)
FTCS	First Trust Capital Strength ETF	(\$1,833M)
PKW	Invesco Buyback Achievers ETF	(\$869M)
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$429M)
DVY	iShares Select Dividend ETF	(\$422M)
VLUE	iShares MSCI USA Value Factor ETF	(\$372M)
RSP	Invesco S&P 500 Equal Weight ETF	(\$318M)
IJH	iShares Core S&P Mid-Cap ETF	(\$249M)
RPV	Invesco S&P 500 Pure Value ETF	(\$243M)

U.S. Size & Style 3-Month Flows Laggards

Ticker	Fund	Flow
USMV	iShares MSCI USA Min Vol Factor ETF	(\$2.09B)
IWM	iShares Russell 2000 ETF	(\$1.47B)
TQQQ	ProShares UltraPro QQQ	(\$0.84B)
IJH	iShares Core S&P Mid-Cap ETF	(\$0.68B)
PKW	Invesco Buyback Achievers ETF	(\$0.62B)
IWN	iShares Russell 2000 Value ETF	(\$0.62B)
IWP	iShares Russell Mid-Cap Growth ETF	(\$0.47B)
SPLV	Invesco S&P 500 Low Volatility ETF	(\$0.37B)
SIZE	iShares MSCI USA Size Factor ETF	(\$0.37B)
IMCG	iShares Morningstar Mid-Cap Growth ETF	(\$0.34B)

* 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)
XLV	Health Care Select Sector SPDR Fund	0.00%	28.20%	3.65%	10.92%	66.85
XLK	Technology Select Sector SPDR Fund	-0.04%	38.26%	6.39%	14.62%	65.52
SPY	SPDR S&P 500 ETF Trust	-0.37%	34.97%	2.51%	11.12%	58.69
XLC	Communication Services Select Sector SPDR Fund	-0.90%	41.36%	2.15%	12.78%	55.22
XLRE	Real Estate Select Sector SPDR Fund	-1.01%	35.48%	2.94%	15.92%	56.37
XLY	Consumer Discretionary Select Sector SPDR Fund	-1.14%	30.22%	3.67%	8.89%	59.67
XLP	Consumer Staples Select Sector SPDR Fund	-1.36%	13.33%	0.23%	4.30%	53.97
XLI	Industrial Select Sector SPDR Fund	-2.24%	40.20%	0.07%	9.46%	52.41
XLU	Utilities Select Sector SPDR Fund	-4.19%	13.57%	-0.15%	1.76%	50.27
XLF	Financial Select Sector SPDR Fund	-5.90%	56.03%	-2.22%	11.25%	47.30
XLB	Materials Select Sector SPDR Fund	-8.48%	32.03%	-3.71%	5.27%	43.21
XLE	Energy Select Sector SPDR Fund	-13.33%	75.75%	-8.40%	7.17%	36.95

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
SOXQ	Invesco PHLX Semiconductor ETF	3.04%
PBE	Invesco Dynamic Biotechnology & Genome ETF	1.78%
IGV	iShares Expanded Tech-Software Sector ETF	1.27%
EATZ	AdvisorShares Restaurant ETF	1.26%
IHI	iShares U.S. Medical Devices ETF	1.00%
FDN	First Trust Dow Jones Internet Index Fund	0.92%
IETC	iShares Evolved US Technology ETF	0.87%
IYW	iShares U.S. Technology ETF	0.85%
RYH	Invesco S&P 500 Equal Weight Health Care ETF	0.82%
IGM	iShares Expanded Tech Sector ETF	0.75%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IEIH	iShares Evolved US Innovative Healthcare ETF	67.56
IGV	iShares Expanded Tech-Software Sector ETF	67.04
IYH	iShares U.S. Healthcare ETF	66.85
XLV	Health Care Select Sector SPDR Fund	66.85
FXH	First Trust Health Care AlphaDEX Fund	66.82
IETC	iShares Evolved US Technology ETF	66.59
IYW	iShares U.S. Technology ETF	66.20
VHT	Vanguard Health Care ETF	65.69
XLK	Technology Select Sector SPDR Fund	65.52
FHLC	Fidelity MSCI Health Care Index ETF	65.37

Sector & Industry 1 Day Performance Laggards

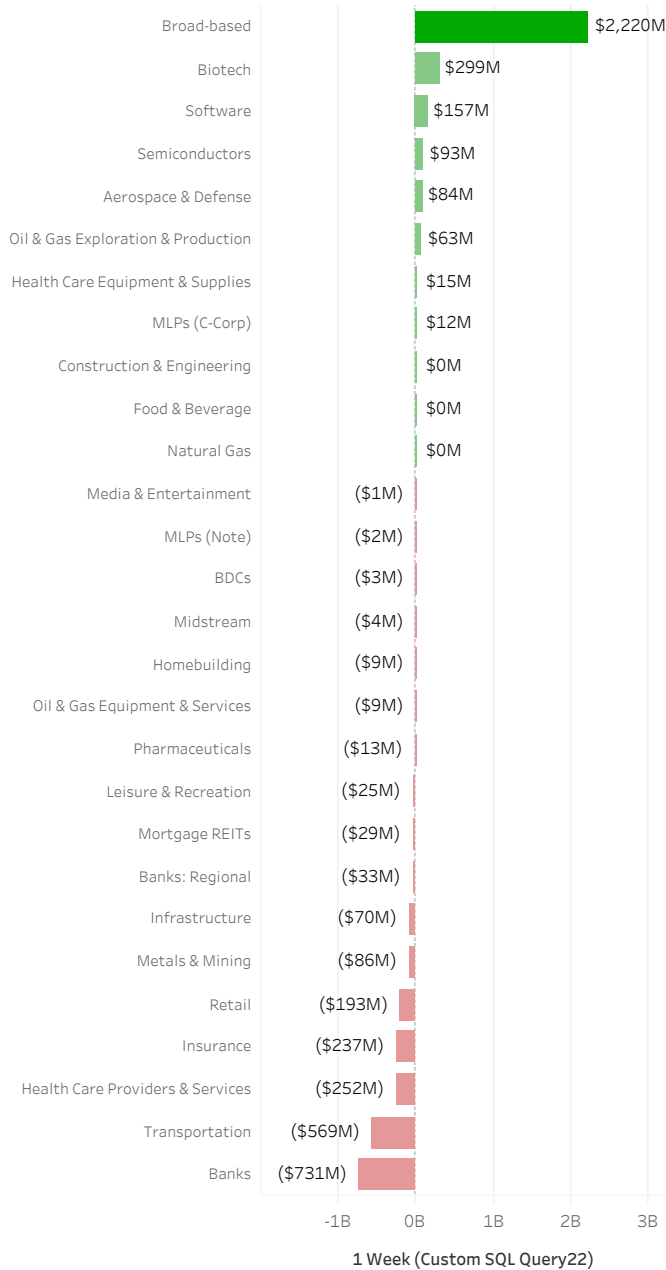
Ticker	Fund	1 Day Performance
PSCF	Invesco S&P SmallCap Financials ETF	-2.45%
PSCC	Invesco S&P SmallCap Consumer Staples ETF	-2.39%
QABA	First Trust NASDAQ ABA Community Bank Inde..	-2.38%
PSCE	Invesco S&P SmallCap Energy ETF	-2.29%
KRE	SPDR S&P Regional Banking ETF	-2.23%
PSCU	Invesco S&P SmallCap Utilities & Communicatio..	-2.21%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-2.18%
IEZ	iShares U.S. Oil Equipment & Services ETF	-2.12%
KBWR	Invesco KBW Regional Banking ETF	-2.08%
KBE	SPDR S&P Bank ETF	-2.04%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
FTXG	First Trust Nasdaq Food & Beverage ETF	34.77
FXG	First Trust Consumer Staples AlphaDEX Fund	35.25
PSCC	Invesco S&P SmallCap Consumer Staples ETF	36.52
XLE	Energy Select Sector SPDR Fund	36.95
RYE	Invesco S&P 500 Equal Weight Energy ETF	37.13
PXJ	Invesco Dynamic Oil & Gas Services ETF	37.16
IEZ	iShares U.S. Oil Equipment & Services ETF	37.29
JHME	John Hancock Multifactor Energy ETF	37.44
PXI	Invesco DWA Energy Momentum ETF	37.65
VDE	Vanguard Energy ETF	37.77

* 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	\$20B	\$5M	\$544M	\$734M	\$590M
Consumer Discretionary	13	\$33B	(\$479M)	(\$690M)	\$1,177M	\$3,293M
Consumer Staples	12	\$21B	\$1,061M	\$1,490M	(\$972M)	(\$3,837M)
Energy	34	\$49B	\$84M	(\$56M)	\$7,162M	\$10,721M
Financials	28	\$74B	(\$918M)	\$410M	\$9,545M	\$19,882M
Health Care	25	\$87B	\$687M	\$2,963M	\$982M	\$963M
Industrial	14	\$37B	(\$415M)	(\$2,102M)	\$1,410M	\$7,153M
Materials	10	\$17B	(\$422M)	\$1,920M	\$4,136M	\$7,932M
Multi-Sector	16	\$24B	(\$92M)	(\$192M)	\$2,366M	\$3,969M
Real Estate	21	\$71B	\$87M	\$2,469M	\$6,861M	\$8,459M
Technology	24	\$137B	\$936M	\$1,296M	\$1,220M	\$283M
Utilities	10	\$19B	\$112M	(\$226M)	(\$302M)	(\$287M)

U.S. Sector & Industry 1-Week Flow Leaders

Ticker	Fund	Flow
XLP	Consumer Staples Select Sector SPDR Fund	\$1,041M
XLV	Health Care Select Sector SPDR Fund	\$683M
XLK	Technology Select Sector SPDR Fund	\$375M
VGT	Vanguard Information Technology ETF	\$367M
XBI	SPDR S&P BIOTECH ETF	\$322M
XLE	Energy Select Sector SPDR Fund	\$132M
XSW	SPDR S&P Software & Services ETF	\$121M
SOXL	Direxion Daily Semiconductor Bull 3x Shares	\$119M
IBB	iShares Biotechnology ETF	\$112M
VIS	Vanguard Industrials ETF	\$109M

U.S. Sector & Industry 3-Month Flows Leaders

Ticker	Fund	Flow
XLV	Health Care Select Sector SPDR Fund	\$3.55B
VNQ	Vanguard Real Estate ETF	\$2.32B
XLP	Consumer Staples Select Sector SPDR Fund	\$1.63B
VGT	Vanguard Information Technology ETF	\$1.48B
PAVE	Global X U.S. Infrastructure Development ETF	\$0.96B
XLB	Materials Select Sector SPDR Fund	\$0.79B
IYG	iShares US Financial Services ETF	\$0.75B
XLRE	Real Estate Select Sector SPDR Fund	\$0.68B
VOX	Vanguard Communication Services ETF	\$0.51B
KRE	SPDR S&P Regional Banking ETF	\$0.51B

U.S. Sector & Industry 1-Week Flow Laggards

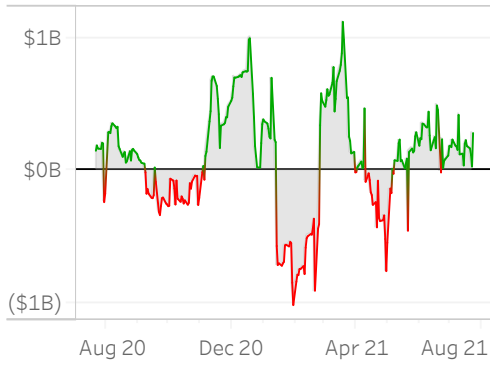
Ticker	Fund	Flow
IYT	iShares US Transportation ETF	(\$556M)
IHF	iShares U.S. Healthcare Providers ETF	(\$255M)
KBWB	Invesco KBW Bank ETF	(\$253M)
XLY	Consumer Discretionary Select Sector SPDR Fund	(\$250M)
KIE	SPDR S&P Insurance ETF	(\$237M)
XRT	SPDR S&P Retail ETF	(\$231M)
XLB	Materials Select Sector SPDR Fund	(\$201M)
KBE	SPDR S&P Bank ETF	(\$162M)
VFH	Vanguard Financials ETF	(\$119M)
IAI	iShares U.S. Broker-Dealers & Securities Exchanges..	(\$115M)

U.S. Sector & Industry 3-Month Flows Laggards

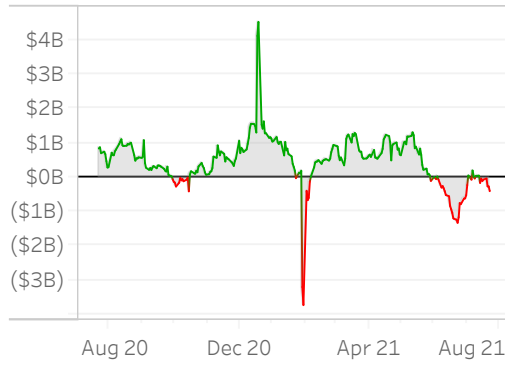
Ticker	Fund	Flow
XLI	Industrial Select Sector SPDR Fund	(\$1.64B)
IHI	iShares U.S. Medical Devices ETF	(\$1.25B)
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$1.23B)
IYR	iShares U.S. Real Estate ETF	(\$1.22B)
XLF	Financial Select Sector SPDR Fund	(\$0.95B)
SOXL	Direxion Daily Semiconductor Bull 3x Shares	(\$0.88B)
KBE	SPDR S&P Bank ETF	(\$0.83B)
PEJ	Invesco Dynamic Leisure & Entertainment ETF	(\$0.55B)
IGV	iShares Expanded Tech-Software Sector ETF	(\$0.50B)
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$0.47B)

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

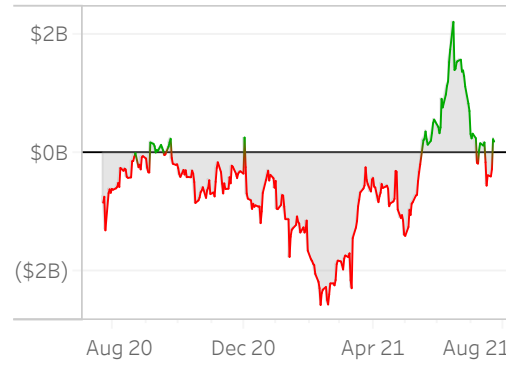
Communication Services



Consumer Discretionary



Consumer Staples



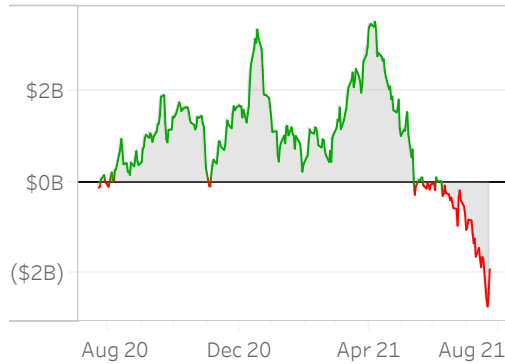
Energy



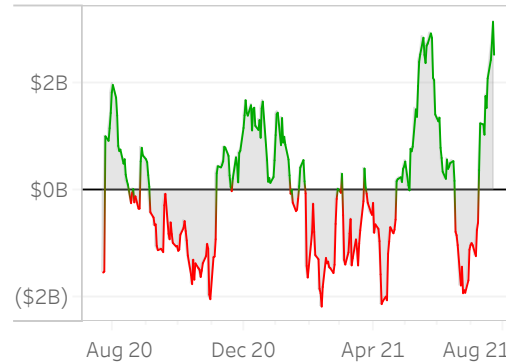
Financials



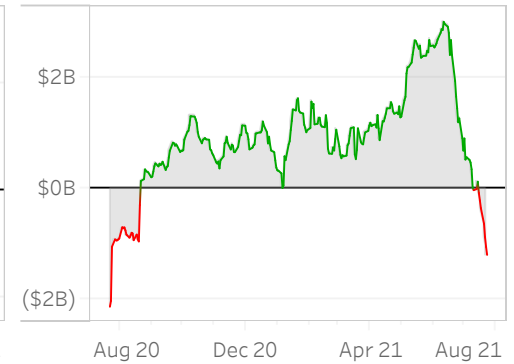
Industrial



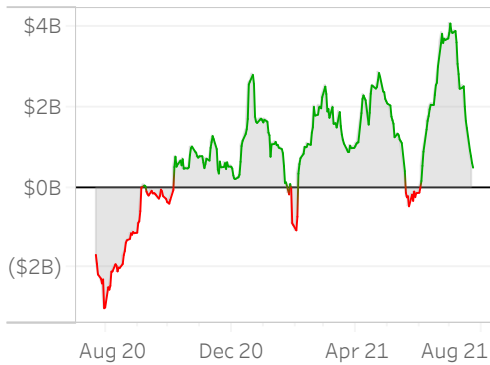
Health Care



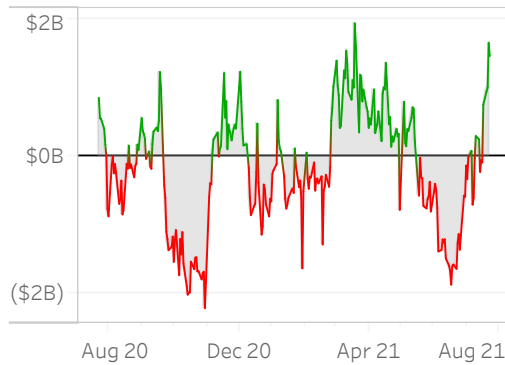
Materials



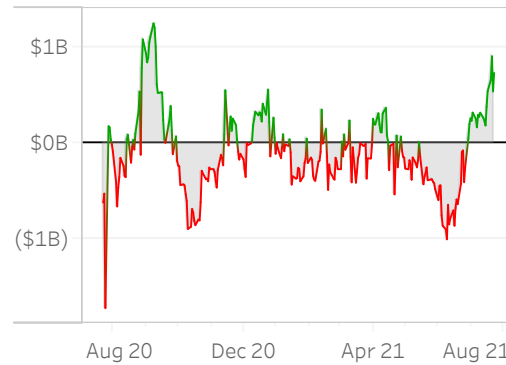
Real Estate



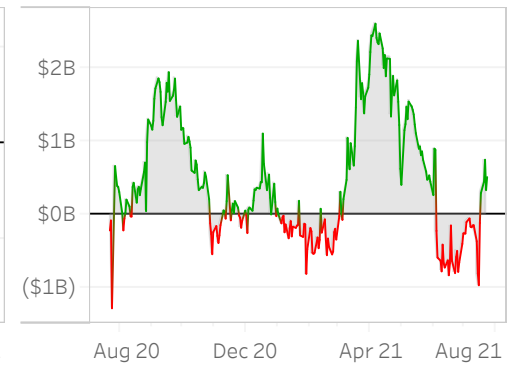
Technology



Utilities

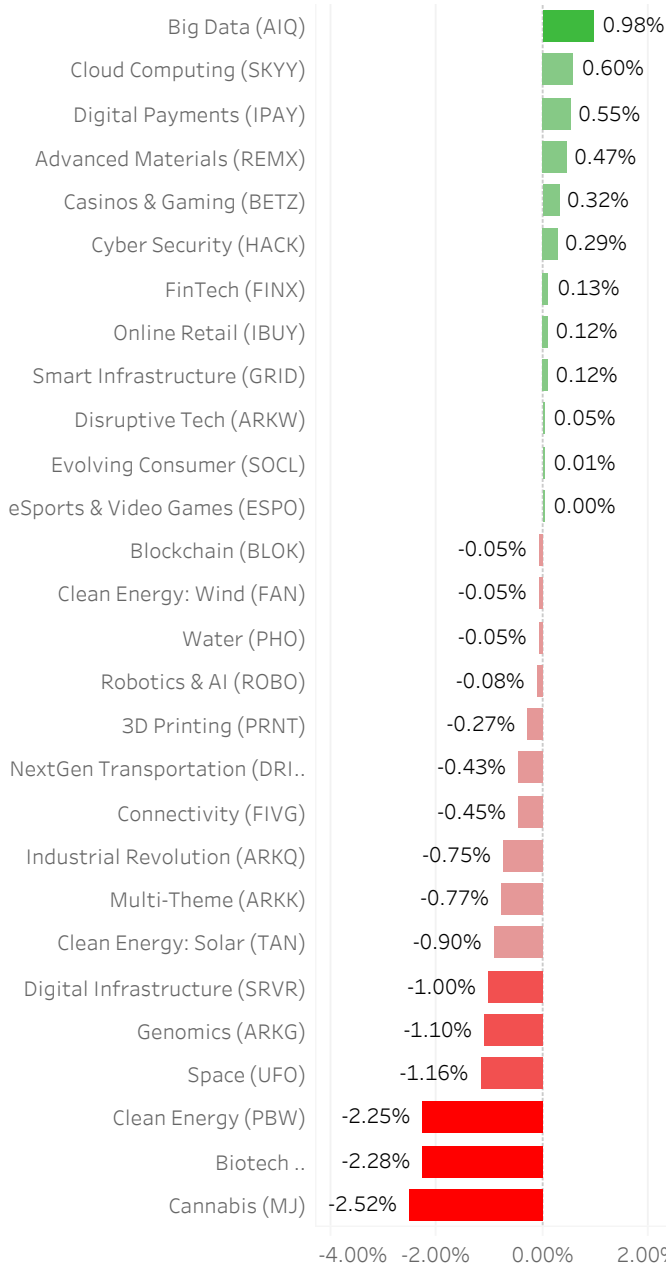


Multi-Sector

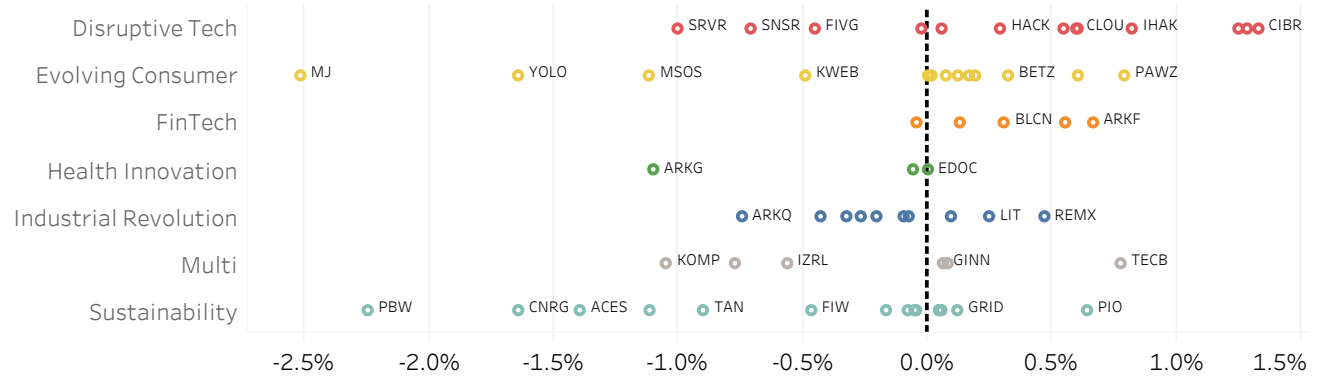


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
WCBR	WisdomTree Cybersecurity Fund	1.62%
EDUT	Global X Education ETF	1.49%
CIBR	First Trust NASDAQ Cybersecurity ETF	1.33%
LRNZ	TrueShares Technology; AI & Deep Learning ETF	1.28%
WCLD	WisdomTree Cloud Computing Fund	1.28%
BUG	Global X Cybersecurity ETF	1.25%
BUYZ	Franklin Disruptive Commerce ETF	1.06%
PLAT	WisdomTree Growth Leaders Fund	1.01%
AIQ	Global X Artificial Intelligence & Technology ETF	0.98%
GERM	ETFMG Treatments Testing and Advancements ETF	0.91%

Thematic Most Overbought

Ticker	Fund	Value
VIRS	Pacer BioThreat Strategy ETF	73.88
REMX	VanEck Vectors Rare Earth/Strategic Metals ETF	70.32
TECB	iShares U.S. Tech Breakthrough Multisector ETF	70.04
WCBR	WisdomTree Cybersecurity Fund	69.63
CIBR	First Trust NASDAQ Cybersecurity ETF	68.79
LIT	Global X Lithium & Battery Tech ETF	68.54
HELX	Franklin Genomic Advancements ETF	67.66
BUG	Global X Cybersecurity ETF	65.23
GERM	ETFMG Treatments Testing and Advancements ETF	64.78
IHAK	iShares Cybersecurity & Tech ETF	64.64

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
POTX	Global X Cannabis ETF	-3.42%
MOON	Direxion Moonshot Innovators ETF	-2.70%
MJ	ETFMG Alternative Harvest ETF	-2.52%
SBIO	ALPS Medical Breakthroughs ETF	-2.28%
PBW	Invesco WilderHill Clean Energy ETF	-2.25%
BBC	Virtus LifeSci Biotech Clinical Trials ETF	-2.19%
HAIL	SPDR S&P Kensho Smart Mobility ETF	-1.98%
DTOX	Amplify Cleaner Living ETF	-1.94%
TOKE	Cambria Cannabis ETF	-1.75%
YOLO	AdvisorShares Pure Cannabis ETF	-1.64%

Thematic Most Oversold

Ticker	Fund	Value
POTX	Global X Cannabis ETF	30.71
NERD	Roundhill BITKRAFT Esports & Digital Entertainmen..	30.93
MJ	ETFMG Alternative Harvest ETF	32.29
TOKE	Cambria Cannabis ETF	33.14
CNBS	Amplify Seymour Cannabis ETF	34.47
KWEB	KraneShares CSI China Internet ETF	34.59
MJUS	ETFMG U.S. Alternative Harvest ETF	36.16
MOON	Direxion Moonshot Innovators ETF	36.32
SUBZ	Roundhill Streaming Services & Technology ETF	36.49
THCX	Cannabis ETF	37.07

* 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
ARKK	ARK Innovation ETF	\$517M
KWEB	KraneShares CSI China Internet ETF	\$323M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$149M
PHO	Invesco Water Resources ETF	\$23M
XT	iShares Exponential Technologies ETF	\$22M
FIW	First Trust Water ETF	\$21M
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR ETF	\$18M
BUG	Global X Cybersecurity ETF	\$17M
LIT	Global X Lithium & Battery Tech ETF	\$14M
PBW	Invesco WilderHill Clean Energy ETF	\$11M

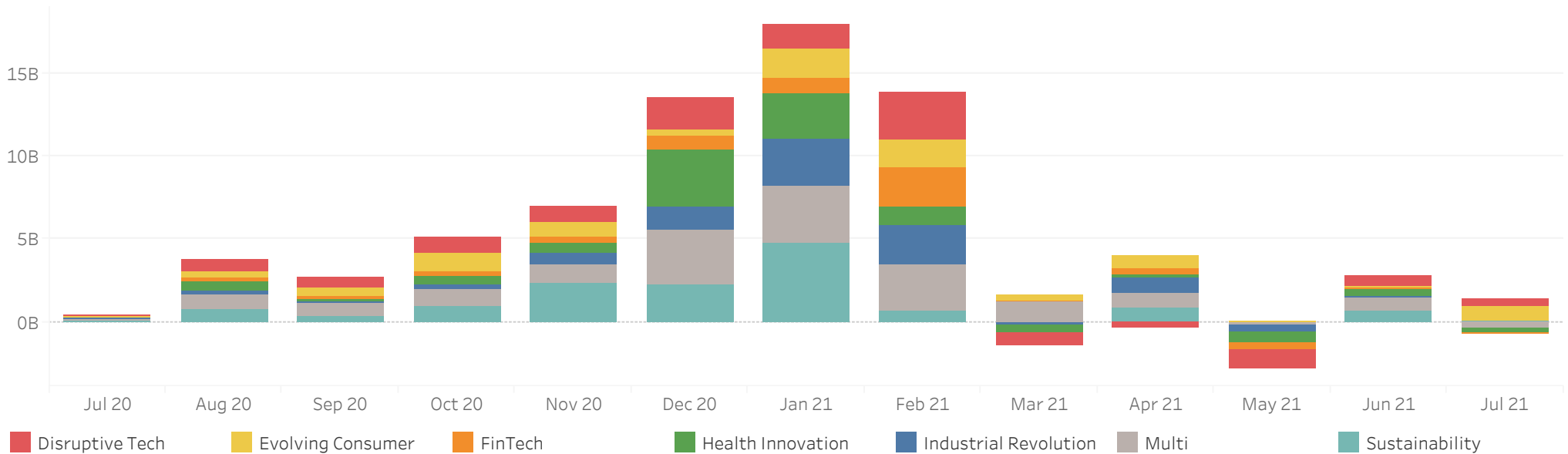
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
TAN	Invesco Solar ETF	(\$138M)
ARKF	ARK Fintech Innovation ETF	(\$57M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$40M)
REMX	VanEck Vectors Rare Earth/Strategic Metals ETF	(\$29M)
ICLN	iShares Global Clean Energy ETF	(\$27M)
ARKG	ARK Genomic Revolution ETF	(\$24M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$23M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$19M)
IBUY	Amplify Online Retail ETF	(\$18M)
BLOK	Amplify Transformational Data Sharing ETF	(\$16M)

Thematic Landscape Assets & Flows

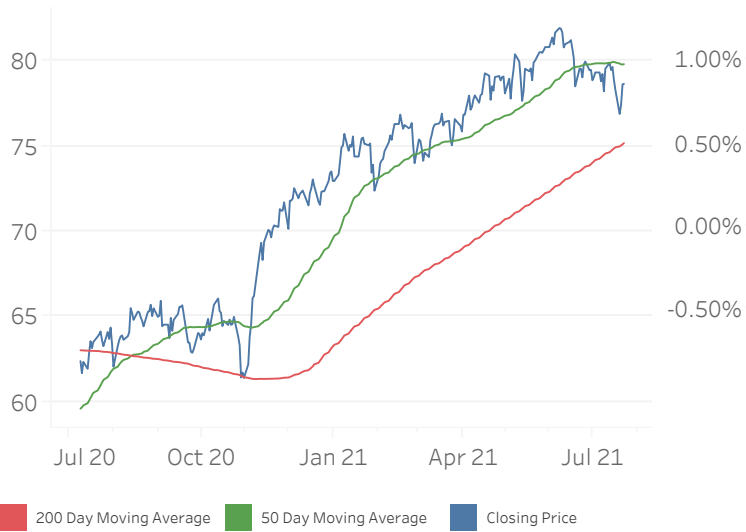
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	29	\$28B	\$184M	(\$400M)	\$2,055M	\$8,419M
Evolving Consumer	39	\$16B	\$115M	\$1,405M	\$4,319M	\$8,938M
FinTech	11	\$8B	(\$80M)	(\$303M)	\$2,602M	\$5,285M
Health Innovation	14	\$11B	\$32M	(\$383M)	\$684M	\$8,382M
Industrial Revolution	22	\$16B	(\$72M)	(\$398M)	\$3,326M	\$8,279M
Multi	24	\$32B	\$675M	\$44M	\$5,284M	\$15,859M
Sustainability	29	\$22B	(\$93M)	\$1,000M	\$2,795M	\$13,424M

Thematic Monthly Flows

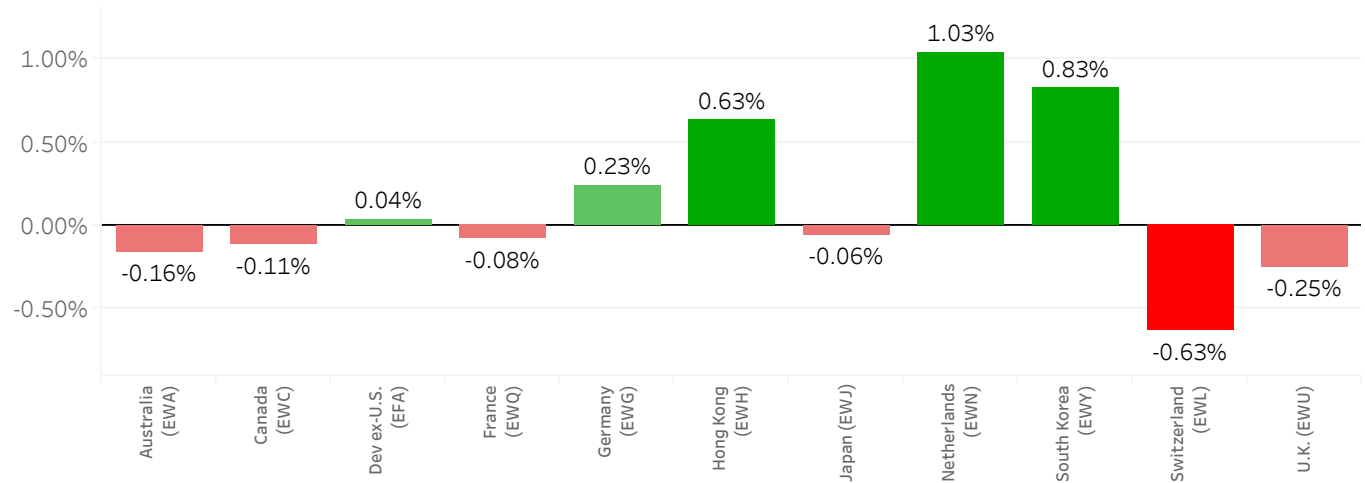


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



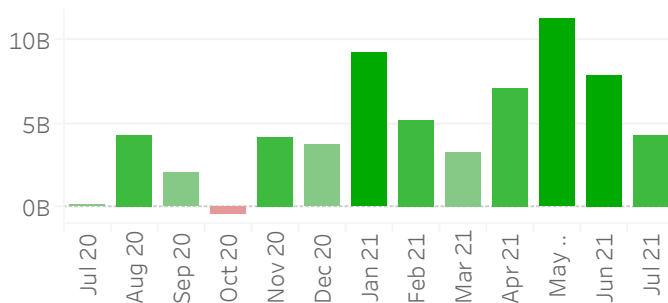
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
FKU	First Trust United Kingdom AlphaDEX Fund	1.73%
FPXE	First Trust IPOX Europe Equity Opportunities ETF	1.63%
IMOM	Alpha Architect International Quantitative Moment..	1.47%
PIZ	Invesco DWA Developed Markets Momentum ETF	1.46%
FPA	First Trust Asia Pacific ex-Japan AlphaDEX Fund	1.42%
EWS	iShares MSCI Singapore ETF	1.27%
EWUS	iShares MSCI United Kingdom Small Cap ETF	1.22%
EWN	iShares MSCI Netherlands ETF	1.03%
FEUZ	First Trust Eurozone AlphaDEX ETF	0.92%
EWD	iShares MSCI Sweden ETF	0.89%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
FPXE	First Trust IPOX Europe Equity Opportunities ETF	65.56
EUDV	ProShares MSCI Europe Dividend Growers ETF	63.49
PIZ	Invesco DWA Developed Markets Momentum ETF	62.54
EFAD	ProShares MSCI EAFE Dividend Growers ETF	62.00
EFNL	iShares MSCI Finland ETF	59.10
IDMO	Invesco S&P International Developed Momentum E..	58.55
IMOM	Alpha Architect International Quantitative Moment..	58.29
TOK	iShares MSCI Kokusai ETF	58.14
EDEN	iShares MSCI Denmark ETF	57.70
RFDI	First Trust Riverfront Dynamic Developed Internati..	57.42

Developed ex-U.S. Monthly Flows



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

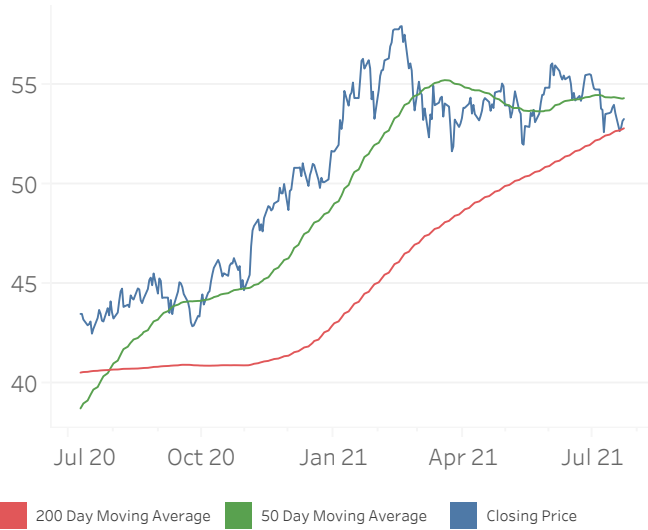
Ticker	Fund	1-Day Performance
FLSW	Franklin FTSE Switzerland ETF	-0.70%
EWL	iShares MSCI Switzerland ETF	-0.63%
HEWU	iShares Currency Hedged MSCI United Kingdom ETF	-0.62%
LVHI	Legg Mason International Low Volatility High Divid..	-0.40%
IVLU	iShares MSCI Intl Value Factor ETF	-0.35%
DXJ	WisdomTree Japan Hedged Equity Fund	-0.31%
EUDG	WisdomTree Europe Quality Dividend Growth Fund	-0.29%
EWO	iShares MSCI Austria ETF	-0.29%
FLGB	Franklin FTSE United Kingdom ETF	-0.27%
IDHQ	Invesco S&P International Developed High Quality ..	-0.26%

Developed ex-U.S. Most Oversold

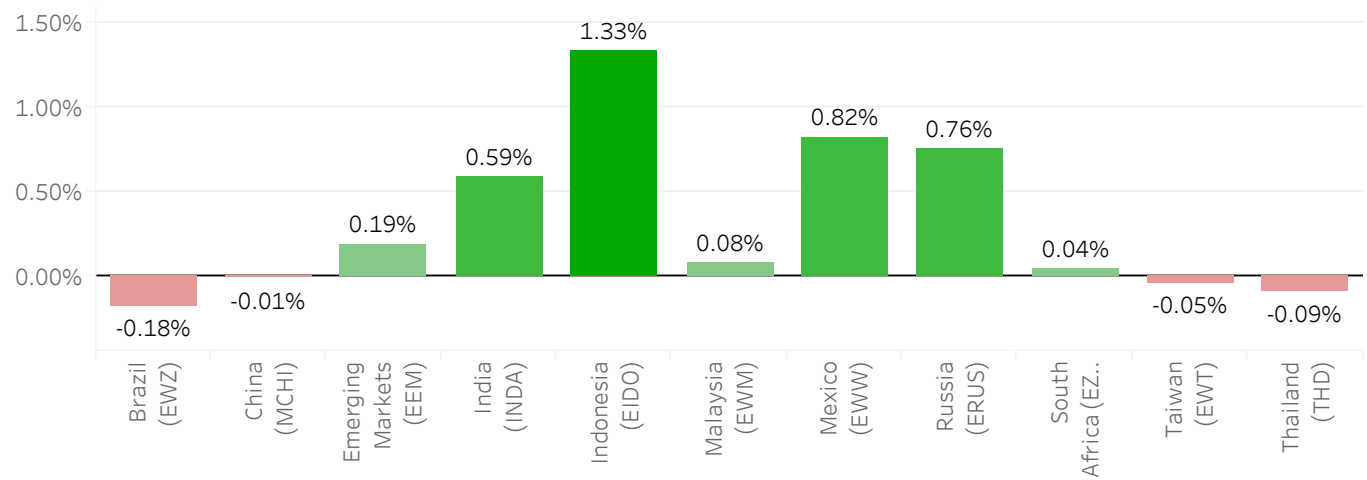
Ticker	Fund	Price
PGAL	Global X MSCI Portugal ETF	33.88
GREK	Global X MSCI Greece ETF	38.55
EWP	iShares MSCI Spain ETF	39.81
EWU	iShares MSCI United Kingdom ETF	41.99
FIDI	Fidelity International High Dividend ETF	42.02
HEWU	iShares Currency Hedged MSCI United Kingdom ETF	42.11
FYLD	Cambria Foreign Shareholder Yield ETF	42.11
CID	VictoryShares International High Div Volatility Wtd ..	42.24
FNDF	Schwab Fundamental International Large Co. Index ..	42.29
DAX	Global X DAX Germany ETF	42.33

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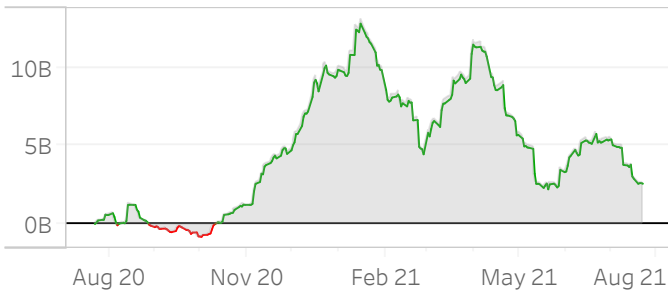
Emerging (EEM)



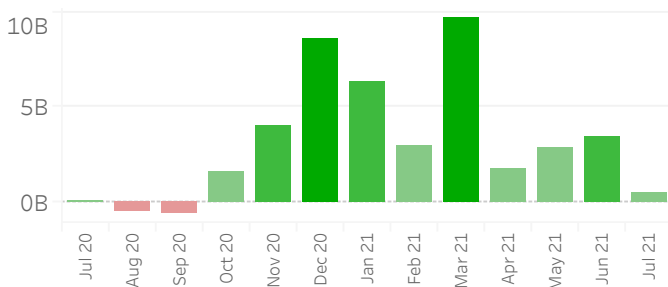
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EIDO	iShares MSCI Indonesia ETF	1.33%
IDX	VanEck Vectors Indonesia Index ETF	1.14%
FLRU	Franklin FTSE Russia ETF	1.02%
EPHE	iShares MSCI Philippines ETF	1.02%
EWW	iShares MSCI Mexico ETF	0.82%
RSX	VanEck Vectors Russia ETF	0.82%
FLMX	Franklin FTSE Mexico ETF	0.81%
ERUS	iShares MSCI Russia ETF	0.76%
PIN	Invesco India ETF	0.73%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	0.68%

Emerging Most Overbought

Ticker	Fund	Value
GLIN	VanEck Vectors India Growth Leaders ETF	71.61
ASHS	Xtrackers Harvest CSI 500 China A-Shares Small Cap ..	67.56
SMIN	iShares MSCI India Small Cap ETF	64.58
EGPT	VanEck Vectors Egypt Index ETF	60.92
CNXT	VanEck Vectors ChinaAMC SME-ChiNext ETF	59.28
CUBS	Asian Growth Cubs ETF	58.55
IXSE	WisdomTree India Ex-State-Owned Enterprises Fund	57.51
PIN	Invesco India ETF	56.85
EPI	WisdomTree India Earnings Fund	55.89
FLIN	Franklin FTSE India ETF	55.49

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
ECH	iShares MSCI Chile ETF	-1.74%
PGJ	Invesco Golden Dragon China ETF	-1.20%
AFTY	Pacer CSOP FTSE China A50 ETF	-1.08%
EPU	iShares MSCI Peru ETF	-1.01%
GXG	Global X MSCI Colombia ETF	-0.96%
FNI	First Trust Chindia ETF	-0.85%
ECNS	iShares MSCI China Small-Cap ETF	-0.66%
CNYA	iShares MSCI China A ETF	-0.65%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-0.62%
EPOL	iShares MSCI Poland ETF	-0.56%

Emerging Most Oversold

Ticker	Fund	Value
NGE	Global X MSCI Nigeria ETF	26.43
THD	iShares MSCI Thailand ETF	29.81
EPHE	iShares MSCI Philippines ETF	33.92
ICOL	iShares MSCI Colombia ETF	35.55
GXG	Global X MSCI Colombia ETF	36.44
PAK	Global X MSCI Pakistan ETF	37.09
EWM	iShares MSCI Malaysia ETF	37.14
UEVM	VictoryShares USAA MSCI Emerging Markets Value ..	38.05
CEY	VictoryShares Emerging Market High Dividend Volat..	38.54
AFTY	Pacer CSOP FTSE China A50 ETF	38.63

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

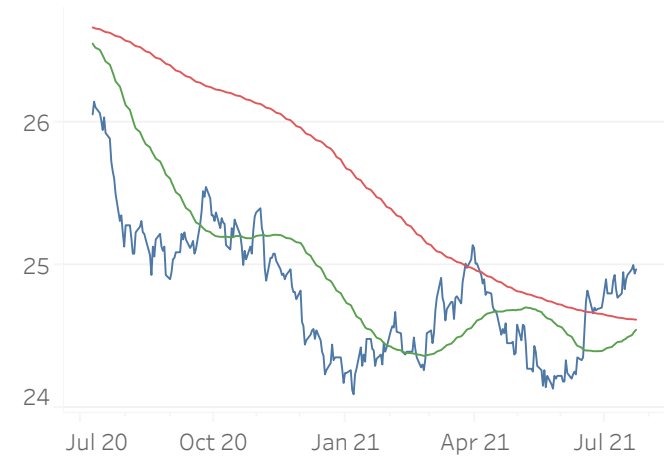
Fixed Income (AGG)



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	0.23%	1.16%	-0.71%
SHY	1-3 Year Treasury Bonds	0.01%	0.10%	-0.02%
IEF	7-10 Year Treasury Bonds	0.23%	1.82%	-1.75%
TLT	20+ Year Treasury Bonds	0.95%	4.22%	-4.46%
TIP	TIPS Bonds	0.28%	1.76%	2.97%
FLOT	Floating Rate Bonds	0.04%	0.01%	0.42%
LQD	Investment Grade Corporate	0.41%	1.72%	-0.51%
HYG	High Yield Corporate	0.06%	0.47%	2.64%
BKLN	Senior Loan	0.09%	0.02%	0.94%
PFF	Preferred & Income Securities	-0.18%	0.06%	3.77%
MUB	Municipal Bonds	0.08%	0.69%	1.47%
MBB	MBS	0.15%	0.43%	-0.58%
EMB	Dollar Denominated EM Bonds	0.22%	0.76%	-0.95%
LEMB	Local Currency EM Bond	0.14%	-0.71%	-4.44%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.95%	4.83%	25.89%
DBE	Energy	1.90%	-0.13%	43.27%
USO	WTI Crude Oil	1.86%	-0.51%	48.95%
BNO	Brent Crude Oil	1.94%	-0.84%	47.13%
UNG	Natural Gas	2.05%	21.62%	51.63%
UGA	Gasoline	2.09%	1.15%	48.38%
DBP	Precious Metals	0.27%	0.91%	-5.75%
GLD	Gold	0.20%	1.71%	-5.20%
SLV	Silver	0.60%	-1.22%	-4.11%
PPLT	Platinum	1.00%	1.37%	1.27%
PALL	Palladium	2.12%	6.17%	10.48%
DBB	Base Metals	0.40%	1.99%	15.93%
CPER	Copper	1.26%	2.20%	22.03%
LD	Lead	1.78%	11.30%	20.63%
JJN	Nickel	2.22%	6.83%	13.13%
JJU	Aluminum	0.30%	0.88%	22.62%
JJT	Tin	2.01%	12.97%	87.66%
DBA	Agriculture	0.96%	5.76%	17.22%
CORN	Corn	-1.15%	3.47%	31.96%
SOYB	Soybeans	-1.81%	4.07%	19.52%
WEAT	Wheat	-2.29%	4.60%	10.18%
CANE	Sugar	0.10%	5.46%	25.78%
BAL	Cotton	1.49%	4.65%	10.16%
NIB	Cocoa	3.19%	-3.91%	-10.87%
JO	Coffee	9.84%	28.81%	46.54%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.12%	1.26%	3.01%
UDN	Short Dollar	-0.17%	-1.41%	-3.77%
FXE	Euro	-0.25%	-1.52%	-4.17%
FXB	British Pound Sterling	0.33%	-1.39%	0.45%
FXF	Swiss Franc	-0.20%	-0.24%	-4.36%
FXJ	Japanese Yen	0.11%	0.39%	-6.57%
FXC	Canadian Dollar	0.00%	-2.08%	1.01%
FXA	Australian Dollar	0.33%	-2.28%	-4.48%

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