

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

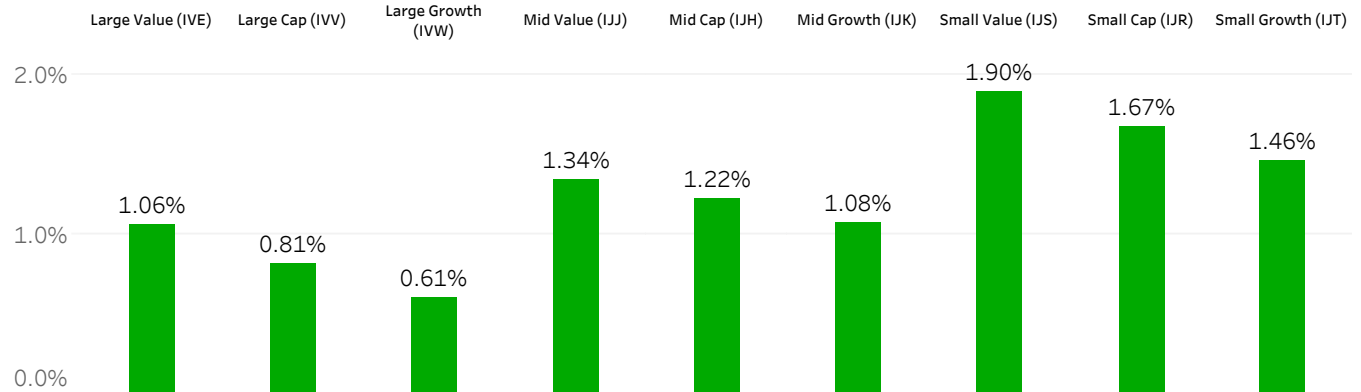


Small Cap Blend (S&P 600) IJR



■ 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
DWAS	Invesco DWA SmallCap Momentum ETF	3.27%
DSPC	De-Spac ETF	3.17%
SPHB	Invesco S&P 500 High Beta ETF	3.10%
SLT	Pacer Salt High truBeta US Market ETF	2.72%
CBTG	Cabot Growth ETF	2.66%
OMFS	Invesco Russell 2000 Dynamic Multifact..	2.64%
WGRO	WisdomTree U.S. Growth & Momentum F..	2.54%
DVLU	First Trust Dorsey Wright Momentum & ..	2.54%
DWEQ	AdvisorShares Dorsey Wright Alpha Equ..	2.47%
VFMO	Vanguard U.S. Momentum Factor ETF	2.46%

Size & Style Most Overbought

Ticker	Fund	Value
RPG	Invesco S&P 500 Pure Growth ETF	65.87
IWY	iShares Russell Top 200 Growth ETF	65.28
IWF	iShares Russell 1000 Growth ETF	64.44
TMFC	Motley Fool 100 Index ETF	64.36
VOTE	Engine No. 1 Transform 500 ETF	64.24
IVW	iShares S&P 500 Growth ETF	64.06
SPYG	SPDR Portfolio S&P 500 Growth ETF	64.06
STLG	iShares Factors US Growth Style ETF	63.93
VONG	Vanguard Russell 1000 Growth ETF	63.89
ILCG	iShares Morningstar Growth ETF	63.88

Size & Style 1-Day Performance Laggards

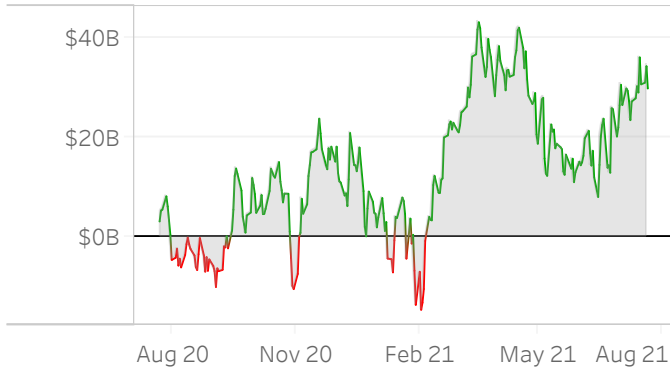
Ticker	Fund	Performance
ALTL	Pacer Lunt Large Cap Alternator ETF	-0.47%
SPLV	Invesco S&P 500 Low Volatility ETF	-0.42%
LSLT	Pacer Salt Low truBeta US Market ETF	-0.28%
WBIF	WBI BullBear Value 3000 ETF	-0.25%
LVHD	Legg Mason Low Volatility High Dividend..	-0.14%
PSET	Principal Quality ETF	-0.13%
REGL	ProShares S&P MidCap 400 Dividend Aris..	-0.08%
XMLV	Invesco S&P MidCap Low Volatility ETF	-0.07%
VSDA	VictoryShares Dividend Accelerator ETF	-0.06%
VFMV	Vanguard U.S. Minimum Volatility ETF	-0.05%

Size & Style Most Oversold

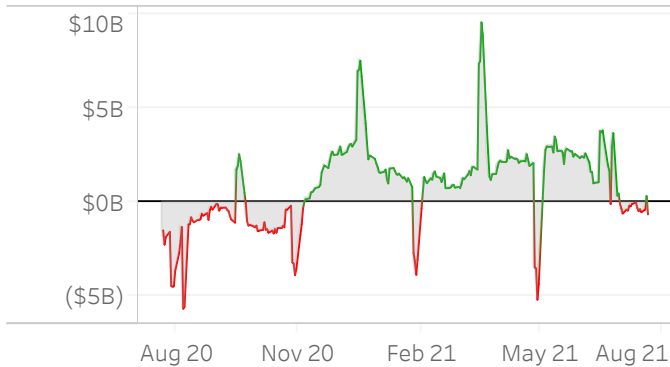
Ticker	Fund	Value
DSPC	De-Spac ETF	38.30
SPAK	Defiance Next Gen SPAC Derived ETF	38.50
SDEI	Sound Equity Income ETF	40.40
PEY	Invesco High Yield Equity Dividend Achievers ETF	40.80
SMDV	ProShares Russell 2000 Dividend Growers ETF	41.46
WBIG	WBI BullBear Yield 3000 ETF	41.71
WBIF	WBI BullBear Value 3000 ETF	41.72
QVMS	Invesco S&P SmallCap 600 QVM Multi-factor ETF	42.30
RDIV	Invesco S&P Ultra Dividend Revenue ETF	42.52
KSCD	KFA Small Cap Quality Dividend Index ETF	42.66

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

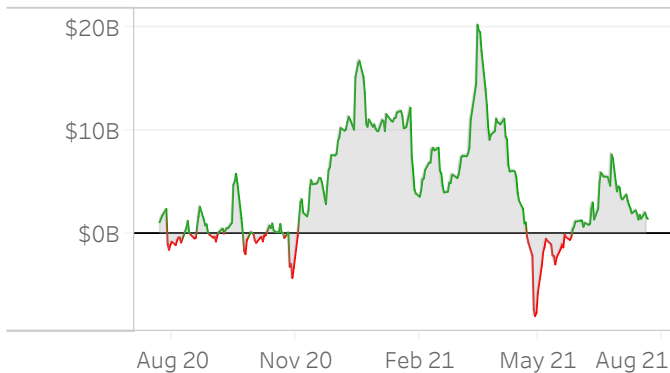
Large-Cap 30-Day Rolling Flows



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	\$243B	\$0.91B	\$5.04B	\$4.16B	(\$4.54B)
Small Cap, Beta, Beta	12	\$202B	\$0.17B	\$0.83B	\$5.89B	\$20.58B
Large Cap, Beta Growth, Beta: Value	10	\$189B	\$0.17B	\$7.83B	\$19.33B	\$31.54B
Small Cap, Beta, Beta: Growth	7	\$37B	(\$0.04B)	(\$0.23B)	\$0.08B	\$1.02B
Mid Cap, Beta, Beta: Value	6	\$38B	(\$0.07B)	\$0.92B	\$2.55B	\$3.53B
Mid Cap, Beta, Beta: Growth	6	\$38B	(\$0.22B)	(\$1.02B)	(\$2.22B)	(\$2.57B)
Small Cap, Beta, Beta: Value	7	\$53B	(\$0.28B)	\$0.26B	\$4.48B	\$9.29B
Mid Cap, Beta, Beta	10	\$176B	(\$0.49B)	\$0.88B	\$4.28B	\$7.35B
Large Cap, Beta Growth, Beta	24	\$1,191B	(\$4.63B)	\$23.64B	\$60.82B	\$58.11B

U.S. Size & Style 1 Week Flow Leaders

Ticker	Fund	Flow
VOO	Vanguard S&P 500 ETF	\$2,181M
IVV	iShares Core S&P 500 ETF	\$1,410M
VTI	Vanguard Total Stock Market ETF	\$803M
QUAL	iShares MSCI USA Quality Factor ETF	\$753M
ITOT	iShares Core S&P Total U.S. Stock Market ETF	\$480M
VIG	Vanguard Dividend Appreciation ETF	\$379M
VUG	Vanguard Growth ETF	\$368M
TNA	Direxion Daily Small Cap Bull 3x Shares	\$280M
IWF	iShares Russell 1000 Growth ETF	\$276M
IWM	iShares Russell 2000 ETF	\$255M

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

Ticker	Fund	Flow
VOO	Vanguard S&P 500 ETF	\$10.96B
VTI	Vanguard Total Stock Market ETF	\$9.27B
VTV	Vanguard Value ETF	\$5.05B
IVV	iShares Core S&P 500 ETF	\$4.22B
SCHD	Schwab US Dividend Equity ETF	\$3.68B
QQQ	Invesco QQQ Trust	\$3.53B
VUG	Vanguard Growth ETF	\$2.07B
SPYG	SPDR Portfolio S&P 500 Growth ETF	\$2.05B
ESGU	iShares ESG Aware MSCI USA ETF	\$1.78B
QUAL	iShares MSCI USA Quality Factor ETF	\$1.65B

U.S. Size & Style 1 Week Flow Laggards

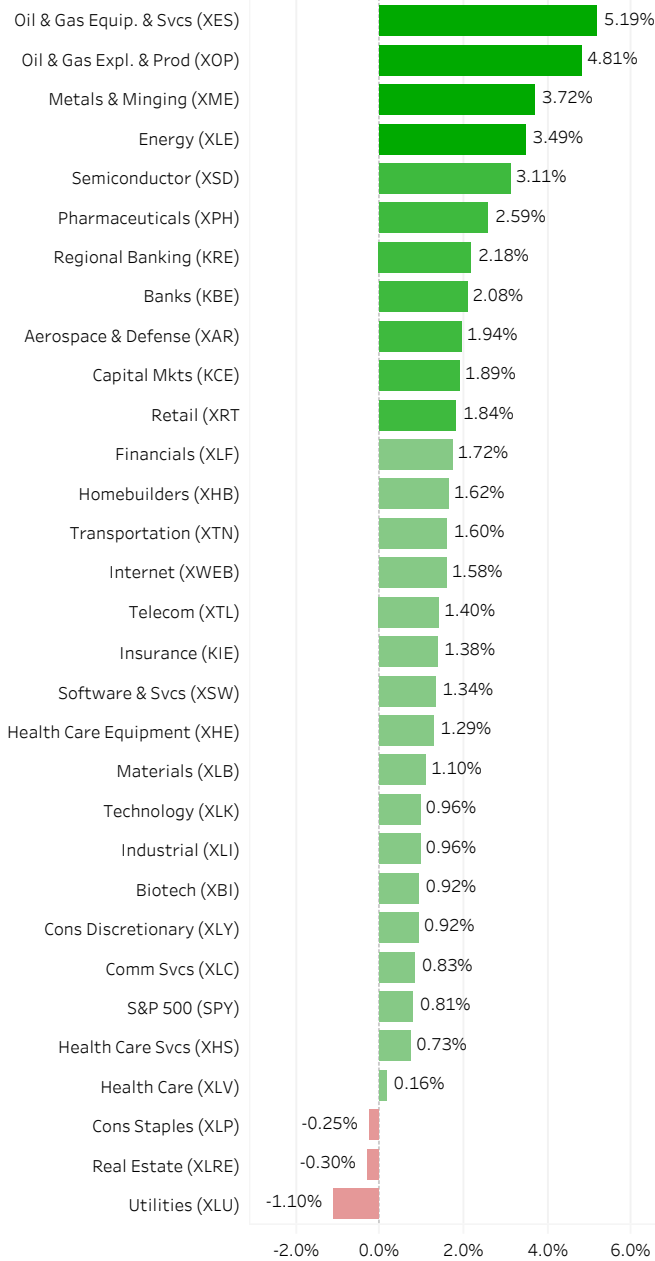
Ticker	Fund	Flow
SPY	SPDR S&P 500 ETF Trust	(\$3,740M)
QQQ	Invesco QQQ Trust	(\$2,127M)
PKW	Invesco Buyback Achievers ETF	(\$783M)
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$586M)
DVY	iShares Select Dividend ETF	(\$428M)
RSP	Invesco S&P 500 Equal Weight ETF	(\$365M)
QLD	ProShares Ultra QQQ	(\$334M)
RPV	Invesco S&P 500 Pure Value ETF	(\$235M)
MDY	SPDR S&P Midcap 400 ETF Trust	(\$228M)
SSO	ProShares Ultra S&P 500	(\$227M)

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

Ticker	Fund	Flow
USMV	iShares MSCI USA Min Vol Factor ETF	(\$2.12B)
IWM	iShares Russell 2000 ETF	(\$1.68B)
TQQQ	ProShares UltraPro QQQ	(\$0.93B)
IWN	iShares Russell 2000 Value ETF	(\$0.61B)
PKW	Invesco Buyback Achievers ETF	(\$0.54B)
IWP	iShares Russell Mid-Cap Growth ETF	(\$0.52B)
IJH	iShares Core S&P Mid-Cap ETF	(\$0.49B)
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.39B)
SIZE	iShares MSCI USA Size Factor ETF	(\$0.37B)
SPLV	Invesco S&P 500 Low Volatility ETF	(\$0.36B)

* 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%	27.26%	3.01%	10.21%	62.70
XLRE	Real Estate Select Sector SPDR Fund	-0.30%	36.45%	3.88%	16.89%	60.76
SPY	SPDR S&P 500 ETF Trust	-0.58%	34.69%	2.42%	11.01%	57.58
XLK	Technology Select Sector SPDR Fund	-0.77%	37.25%	5.90%	13.92%	62.91
XLP	Consumer Staples Select Sector SPDR Fund	-1.19%	13.53%	0.40%	4.51%	55.87
XLC	Communication Services Select Sector SPDR Fund	-1.24%	40.87%	1.95%	12.56%	53.44
XLY	Consumer Discretionary Select Sector SPDR Fund	-1.56%	31.25%	3.39%	8.51%	57.73
XLI	Industrial Select Sector SPDR Fund	-1.88%	43.40%	0.44%	10.00%	54.08
XLU	Utilities Select Sector SPDR Fund	-4.34%	13.39%	-0.32%	1.62%	49.48
XLF	Financial Select Sector SPDR Fund	-4.86%	57.76%	-1.20%	12.67%	50.63
XLB	Materials Select Sector SPDR Fund	-8.51%	33.28%	-3.87%	5.34%	43.02
XLE	Energy Select Sector SPDR Fund	-12.35%	77.73%	-7.47%	8.59%	38.72

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance (%)
PXI	Invesco DWA Energy Momentum ETF	5.27%
PSCE	Invesco S&P SmallCap Energy ETF	5.26%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	5.19%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	4.81%
PXJ	Invesco Dynamic Oil & Gas Services ETF	4.52%
IEZ	iShares U.S. Oil Equipment & Services ETF	4.51%
PXE	Invesco Dynamic Energy Exploration & Production ..	4.50%
FCG	First Trust Natural Gas ETF	4.20%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	4.16%
RYE	Invesco S&P 500 Equal Weight Energy ETF	3.82%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IEIH	iShares Evolved US Innovative Healthcare ETF	66.53
REZ	iShares Residential and Multisector Real Estate E..	65.05
JRE	Janus Henderson U.S. Real Estate ETF	64.76
INDS	Pacer Benchmark Industrial Real Estate SCTR ETF	64.59
FXH	First Trust Health Care AlphaDEX Fund	63.33
IETC	iShares Evolved US Technology ETF	63.29
IYH	iShares U.S. Healthcare ETF	63.17
IYW	iShares U.S. Technology ETF	63.10
NURE	Nuveen Short-Term REIT ETF	62.98
VHT	Vanguard Health Care ETF	62.96

Sector & Industry 1 Day Performance Laggards

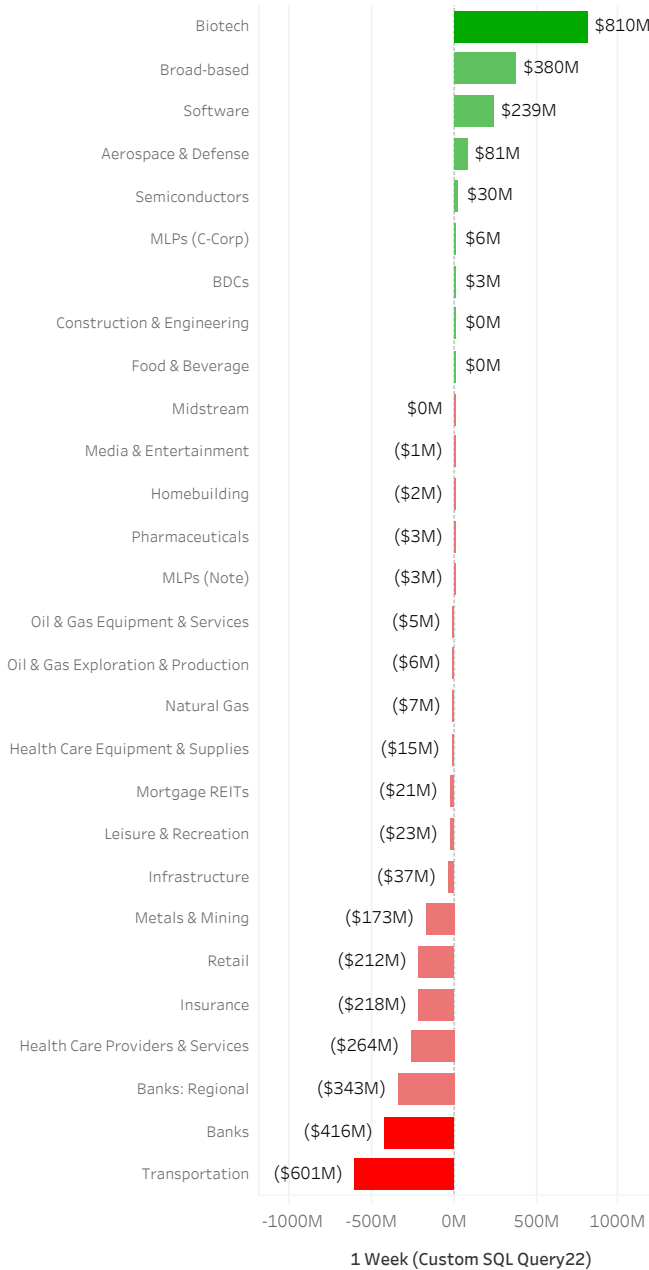
Ticker	Fund	1 Day Performance (%)
SOXQ	Invesco PHLX Semiconductor ETF	-1.79%
UTES	Virtus Reaves Utilities ETF	-1.30%
PBE	Invesco Dynamic Biotechnology & Genome ETF	-1.20%
XLU	Utilities Select Sector SPDR Fund	-1.10%
VPU	Vanguard Utilities ETF	-1.01%
FXU	First Trust Utilities AlphaDEX Fund	-1.01%
IDU	iShares U.S. Utilities ETF	-0.99%
RYU	Invesco S&P 500 Equal Weight Utilities ETF	-0.96%
FUTY	Fidelity MSCI Utilities Index ETF	-0.95%
JHMU	John Hancock Multifactor Utilities ETF	-0.87%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
AMZA	InfraCap MLP ETF	37.45
XLE	Energy Select Sector SPDR Fund	38.72
RYE	Invesco S&P 500 Equal Weight Energy ETF	38.83
MLPA	Global X MLP ETF	38.92
JHME	John Hancock Multifactor Energy ETF	39.12
FTXG	First Trust Nasdaq Food & Beverage ETF	39.26
PXJ	Invesco Dynamic Oil & Gas Services ETF	39.46
VDE	Vanguard Energy ETF	39.51
IEZ	iShares U.S. Oil Equipment & Services ETF	39.55
FXG	First Trust Consumer Staples AlphaDEX Fund	39.66

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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	\$20B	(\$171M)	\$416M	\$638M	\$538M
Consumer Discretionary	13	\$33B	(\$301M)	(\$472M)	\$1,367M	\$3,515M
Consumer Staples	12	\$20B	\$967M	\$1,367M	(\$1,092M)	(\$3,836M)
Energy	34	\$48B	(\$125M)	(\$68M)	\$7,044M	\$10,698M
Financials	28	\$72B	(\$2,001M)	(\$561M)	\$8,745M	\$18,865M
Health Care	25	\$88B	\$1,318M	\$3,389M	\$1,391M	\$1,384M
Industrial	14	\$37B	(\$896M)	(\$2,531M)	\$972M	\$6,775M
Materials	10	\$17B	(\$477M)	\$1,940M	\$4,103M	\$7,981M
Multi-Sector	16	\$24B	(\$50M)	(\$136M)	\$2,400M	\$4,031M
Real Estate	21	\$71B	\$21M	\$2,228M	\$6,798M	\$8,212M
Technology	24	\$135B	\$727M	\$915M	\$973M	\$70M
Utilities	10	\$19B	\$175M	(\$221M)	(\$250M)	(\$224M)

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

Ticker	Fund	Flow
XLP	Consumer Staples Select Sector SPDR Fund	\$1,062M
IBB	iShares Biotechnology ETF	\$519M
XLV	Health Care Select Sector SPDR Fund	\$361M
XLK	Technology Select Sector SPDR Fund	\$314M
XBI	SPDR S&P BIOTECH ETF	\$242M
FAS	Direxion Daily Financial Bull 3x Shares	\$201M
XLU	Utilities Select Sector SPDR Fund	\$190M
SOXL	Direxion Daily Semiconductor Bull 3x Shares	\$188M
TECL	Direxion Daily Technology Bull 3x Shares	\$179M
XSW	SPDR S&P Software & Services ETF	\$123M

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

Ticker	Fund	Flow
XLV	Health Care Select Sector SPDR Fund	\$3.42B
VNQ	Vanguard Real Estate ETF	\$2.21B
XLP	Consumer Staples Select Sector SPDR Fund	\$1.55B
VGT	Vanguard Information Technology ETF	\$1.27B
PAVE	Global X U.S. Infrastructure Development ETF	\$1.01B
XLB	Materials Select Sector SPDR Fund	\$0.80B
IYG	iShares US Financial Services ETF	\$0.74B
XLRE	Real Estate Select Sector SPDR Fund	\$0.65B
IBB	iShares Biotechnology ETF	\$0.64B
VOX	Vanguard Communication Services ETF	\$0.50B

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

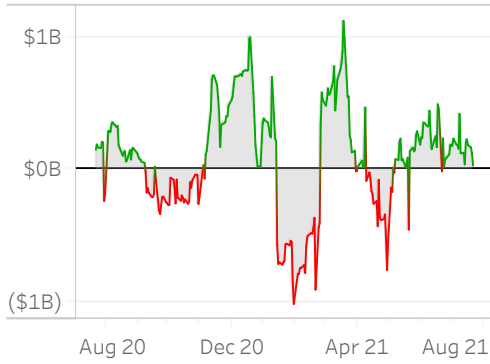
Ticker	Fund	Flow
XLF	Financial Select Sector SPDR Fund	(\$927M)
XLI	Industrial Select Sector SPDR Fund	(\$474M)
KRE	SPDR S&P Regional Banking ETF	(\$439M)
XLB	Materials Select Sector SPDR Fund	(\$255M)
IHF	iShares U.S. Healthcare Providers ETF	(\$242M)
XLC	Communication Services Select Sector SPDR Fund	(\$231M)
KBE	SPDR S&P Bank ETF	(\$212M)
KIE	SPDR S&P Insurance ETF	(\$208M)
XME	SPDR S&P Metals & Mining ETF	(\$190M)
IYT	iShares US Transportation ETF	(\$172M)

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

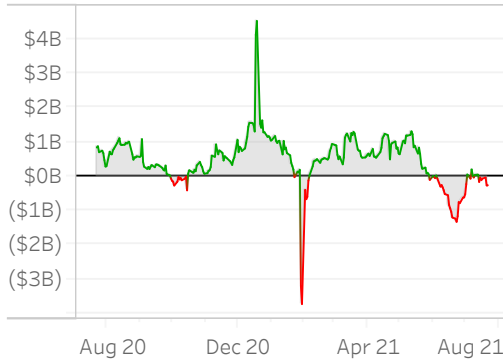
Ticker	Fund	Flow
XLI	Industrial Select Sector SPDR Fund	(\$1.94B)
XLF	Financial Select Sector SPDR Fund	(\$1.66B)
IYR	iShares U.S. Real Estate ETF	(\$1.33B)
IHI	iShares U.S. Medical Devices ETF	(\$1.26B)
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$1.06B)
KBE	SPDR S&P Bank ETF	(\$0.84B)
SOXL	Direxion Daily Semiconductor Bull 3x Shares	(\$0.72B)
PEJ	Invesco Dynamic Leisure & Entertainment ETF	(\$0.56B)
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$0.51B)
IYT	iShares US Transportation ETF	(\$0.48B)

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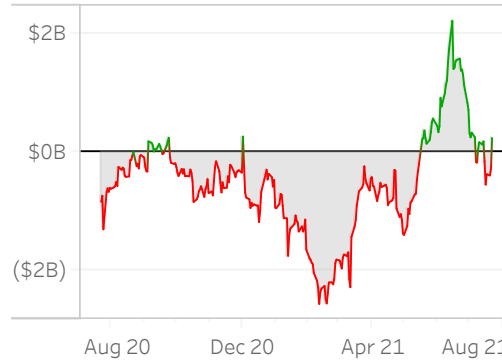
Communication Services



Consumer Discretionary



Consumer Staples



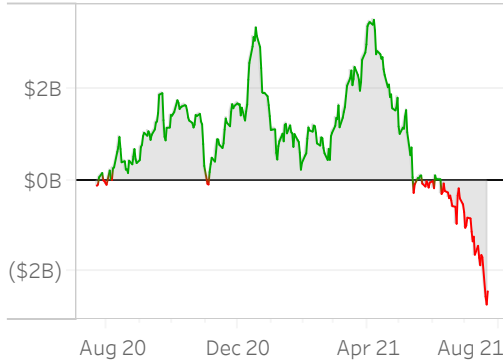
Energy



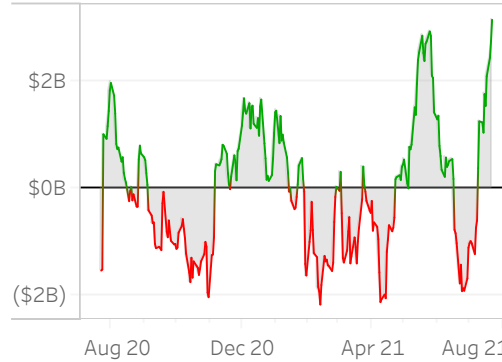
Financials



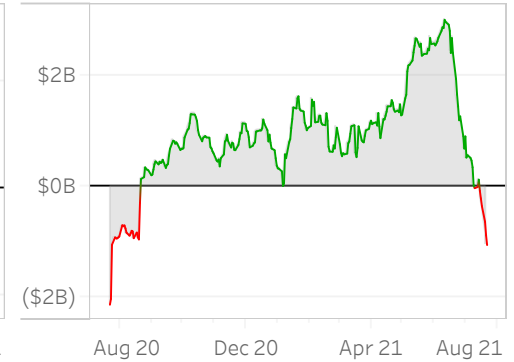
Industrial



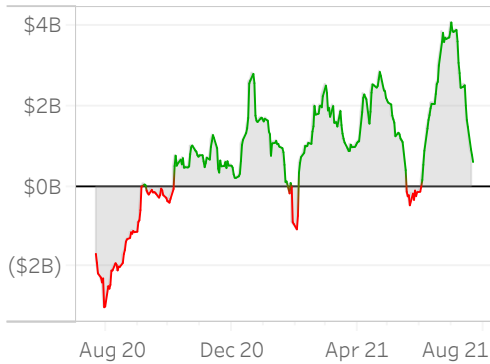
Health Care



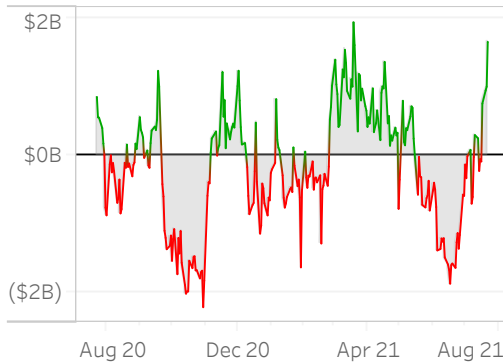
Materials



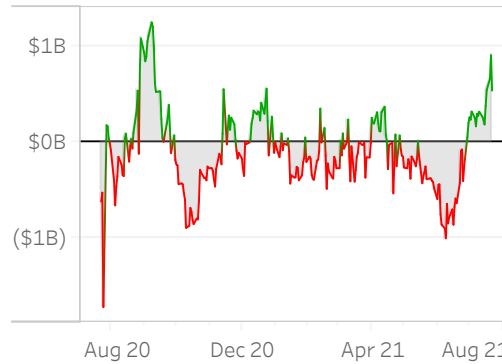
Real Estate



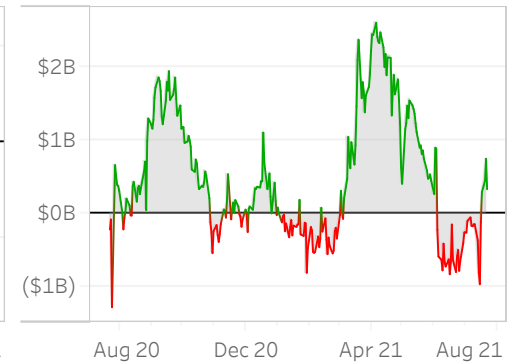
Technology



Utilities

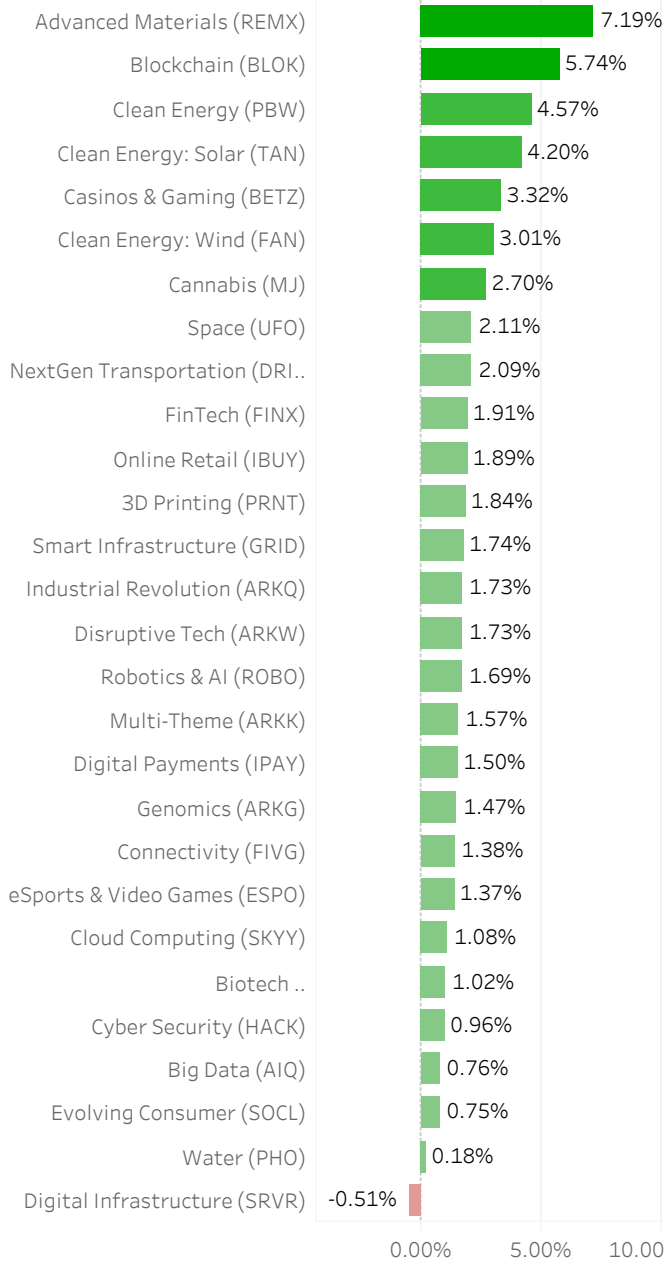


Multi-Sector

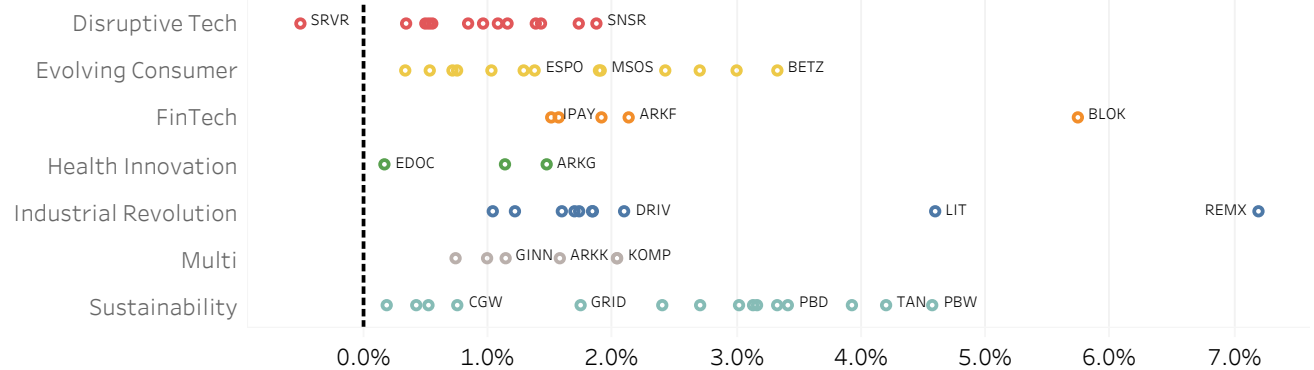


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
DAPP	VanEck Vectors Digital Transformation ETF	8.25%
BITQ	Bitwise Crypto Industry Innovators ETF	8.14%
REMX	VanEck Vectors Rare Earth/Strategic Metals ETF	7.19%
BLOK	Amplify Transformational Data Sharing ETF	5.74%
KGRN	KraneShares MSCI China Clean Technology Index ETF	5.09%
LIT	Global X Lithium & Battery Tech ETF	4.59%
PBW	Invesco WilderHill Clean Energy ETF	4.57%
BATT	Amplify Lithium & Battery Technology ETF	4.36%
TAN	Invesco Solar ETF	4.20%
KARS	KraneShares Electric Vehicles & Future Mobility Ind..	4.08%

Thematic Most Overbought

Ticker	Fund	Value
REMX	VanEck Vectors Rare Earth/Strategic Metals ETF	69.87
VIRS	Pacer BioThreat Strategy ETF	69.53
LIT	Global X Lithium & Battery Tech ETF	68.22
TECB	iShares U.S. Tech Breakthrough Multisector ETF	66.98
HELX	Franklin Genomic Advancements ETF	66.16
WCBR	WisdomTree Cybersecurity Fund	64.97
CIBR	First Trust NASDAQ Cybersecurity ETF	64.07
XPND	First Trust Expanded Technology ETF	62.76
GERM	ETFMG Treatments Testing and Advancements ETF	62.59
PHO	Invesco Water Resources ETF	62.17

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
VPN	Global X Data Center REITs & Digital Infrastruct..	-0.63%
SRVR	Pacer Benchmark Data & Infrastructure Real Est..	-0.51%
EDUT	Global X Education ETF	-0.11%
VIRS	Pacer BioThreat Strategy ETF	0.09%
INCO	Columbia India Consumer ETF	0.15%
EDOC	Global X Telemedicine & Digital Health ETF	0.16%
OLD	Janus Henderson Long-Term Care ETF	0.17%
PHO	Invesco Water Resources ETF	0.18%
AQWA	Global X Clean Water ETF	0.25%
WCBR	WisdomTree Cybersecurity Fund	0.28%

Thematic Most Oversold

Ticker	Fund	Value
NERD	Roundhill BITKRAFT Esports & Digital Entertainmen..	31.23
POTX	Global X Cannabis ETF	34.45
KWEB	KraneShares CSI China Internet ETF	35.36
MJ	ETFMG Alternative Harvest ETF	35.80
TOKE	Cambria Cannabis ETF	36.32
BETZ	Roundhill Sports Betting & iGaming ETF	36.57
CNBS	Amplify Seymour Cannabis ETF	36.63
EDUT	Global X Education ETF	37.25
MJUS	ETFMG U.S. Alternative Harvest ETF	37.60
META	Roundhill Ball Metaverse ETF	38.12

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	\$587M
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR ETF	\$35M
FIW	First Trust Water ETF	\$25M
ARKK	ARK Innovation ETF	\$23M
XT	iShares Exponential Technologies ETF	\$22M
PHO	Invesco Water Resources ETF	\$18M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$16M
BUG	Global X Cybersecurity ETF	\$13M
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	\$5M
CNBS	Amplify Seymour Cannabis ETF	\$5M

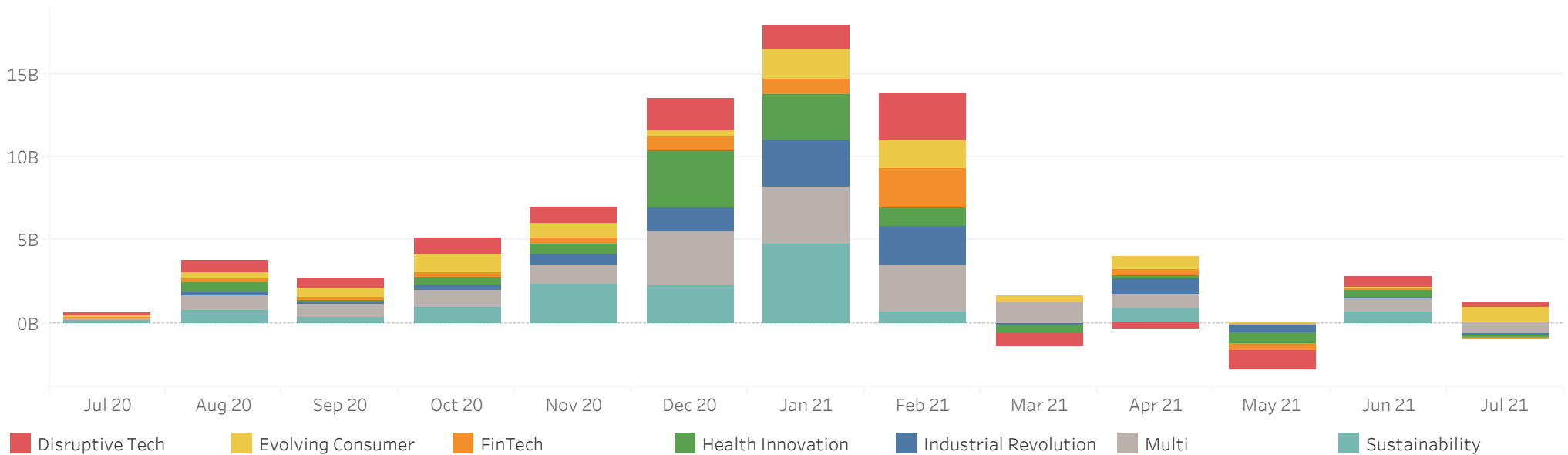
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
TAN	Invesco Solar ETF	(\$138M)
ARKG	ARK Genomic Revolution ETF	(\$107M)
ARKW	ARK Next Generation Internet ETF	(\$71M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$44M)
PBW	Invesco WilderHill Clean Energy ETF	(\$44M)
ARKF	ARK Fintech Innovation ETF	(\$43M)
ICLN	iShares Global Clean Energy ETF	(\$27M)
REMX	VanEck Vectors Rare Earth/Strategic Metals ETF	(\$24M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$24M)
WCLD	WisdomTree Cloud Computing Fund	(\$19M)

Thematic Landscape Assets & Flows

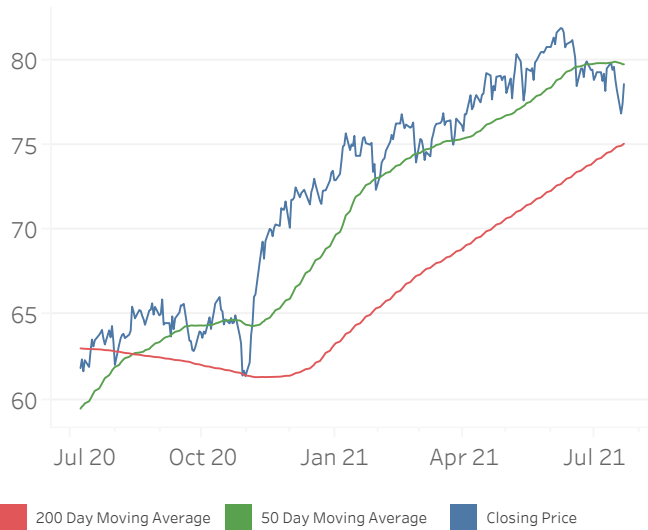
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	29	\$28B	(\$2M)	(\$554M)	\$1,905M	\$8,326M
Evolving Consumer	39	\$16B	\$180M	\$1,385M	\$4,271M	\$8,918M
FinTech	10	\$8B	(\$55M)	(\$279M)	\$2,627M	\$5,322M
Health Innovation	14	\$11B	(\$32M)	(\$355M)	\$688M	\$8,386M
Industrial Revolution	22	\$16B	(\$83M)	(\$386M)	\$3,327M	\$8,290M
Multi	24	\$31B	\$269M	(\$215M)	\$5,008M	\$15,606M
Sustainability	29	\$22B	(\$152M)	\$1,058M	\$2,792M	\$13,441M

Thematic Monthly Flows

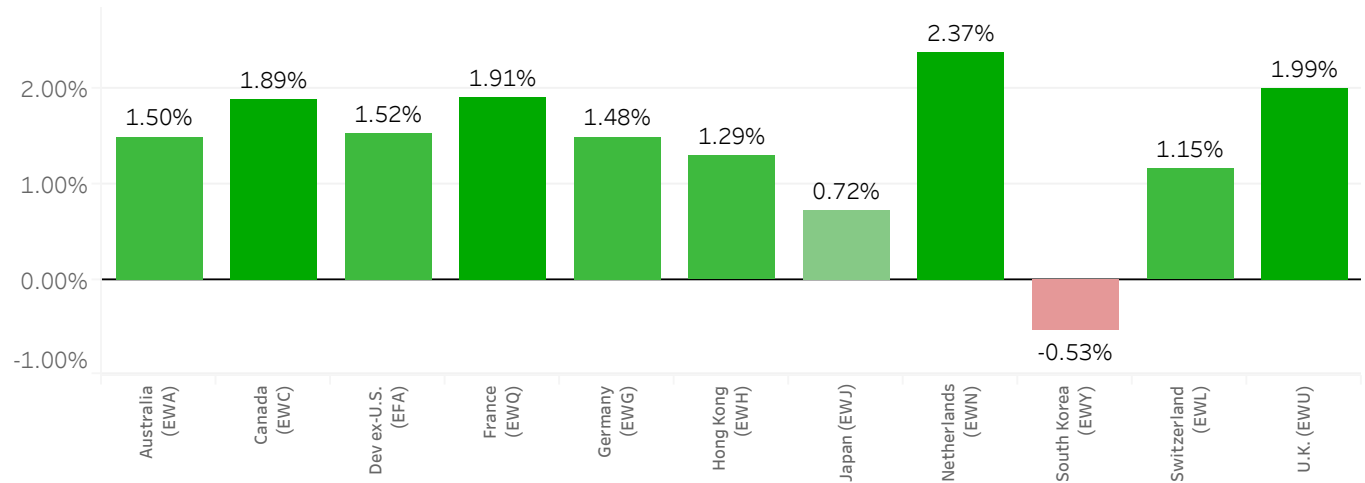


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

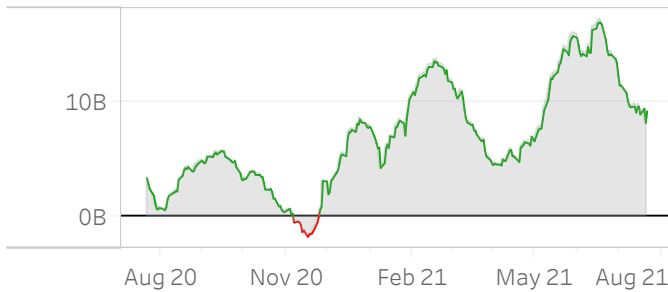
Developed ex-U.S. (EFA)



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



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



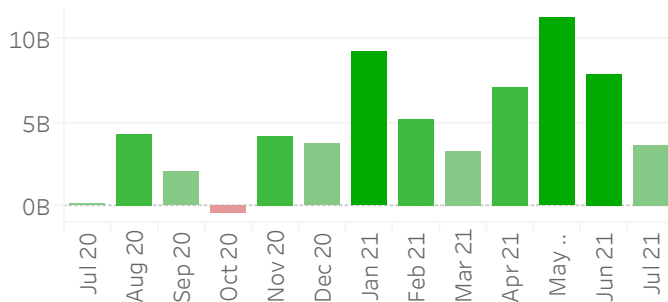
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
ENOR	iShares MSCI Norway ETF	2.72%
IMOM	Alpha Architect International Quantitative Moment..	2.71%
EWP	iShares MSCI Spain ETF	2.62%
NORW	Global X MSCI Norway ETF	2.53%
EWUS	iShares MSCI United Kingdom Small Cap ETF	2.48%
FGM	First Trust Germany AlphaDEX Fund	2.48%
EWI	iShares MSCI Italy ETF	2.39%
FLIY	Franklin FTSE Italy ETF	2.38%
EWN	iShares MSCI Netherlands ETF	2.37%
DFE	WisdomTree Europe SmallCap Dividend Fund	2.35%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EUDV	ProShares MSCI Europe Dividend Growers ETF	60.23
FPXE	First Trust IPOX Europe Equity Opportunities ETF	59.84
EFAD	ProShares MSCI EAFE Dividend Growers ETF	58.80
EFNL	iShares MSCI Finland ETF	57.94
IHDG	WisdomTree International Hedged Quality Dividen..	57.47
TOK	iShares MSCI Kokusai ETF	56.77
PIZ	Invesco DWA Developed Markets Momentum ETF	56.60
FLSW	Franklin FTSE Switzerland ETF	55.77
IDMO	Invesco S&P International Developed Momentum E..	55.72
EDEN	iShares MSCI Denmark ETF	55.66

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EWY	iShares MSCI South Korea ETF	-0.53%
FPA	First Trust Asia Pacific ex-Japan AlphaDEX Fund	-0.53%
FLKR	Franklin FTSE South Korea ETF	-0.51%
AIA	iShares Asia 50 ETF	0.03%
IDHD	Invesco S&P Intl Developed High Dividend Low Vola..	0.22%
EWS	iShares MSCI Singapore ETF	0.31%
FLAX	Franklin FTSE Asia Ex Japan ETF	0.37%
EWJV	iShares MSCI Japan Value ETF	0.41%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	0.52%
RNDM	First Trust Developed International Equity Select E..	0.56%

Developed ex-U.S. Most Oversold

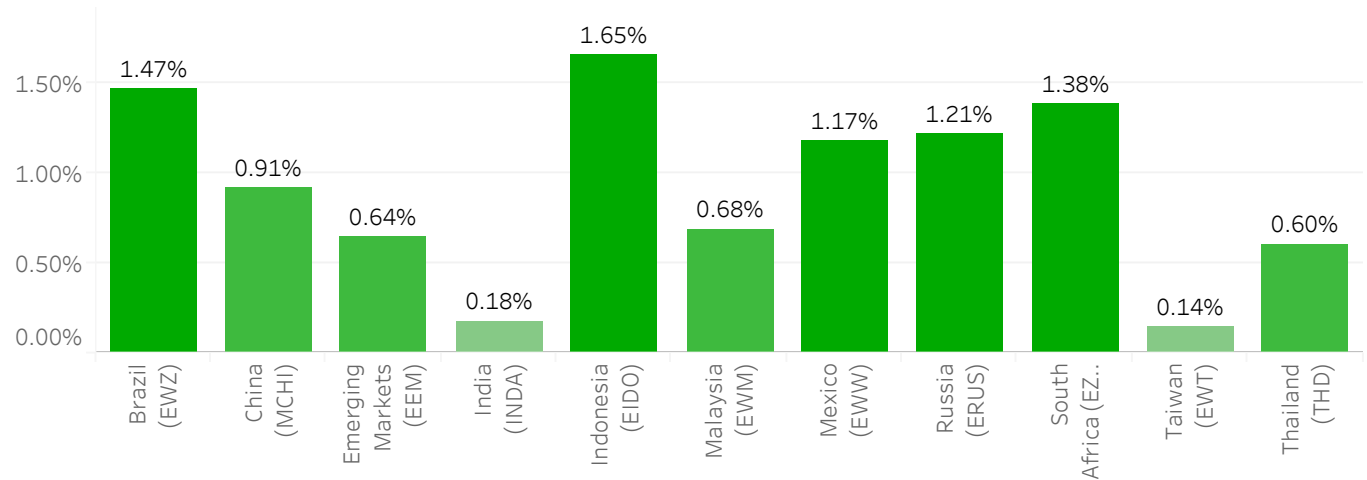
Ticker	Fund	Value
FPA	First Trust Asia Pacific ex-Japan AlphaDEX Fund	33.40
PGAL	Global X MSCI Portugal ETF	33.80
IDHD	Invesco S&P Intl Developed High Dividend Low Volat..	36.25
GREK	Global X MSCI Greece ETF	38.85
EWP	iShares MSCI Spain ETF	39.66
AIA	iShares Asia 50 ETF	40.81
EWY	iShares MSCI South Korea ETF	40.86
FLKR	Franklin FTSE South Korea ETF	40.92
EFAS	Global X MSCI SuperDividend EAFE ETF	41.64
AAXJ	iShares MSCI All Country Asia ex Japan ETF	41.64

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

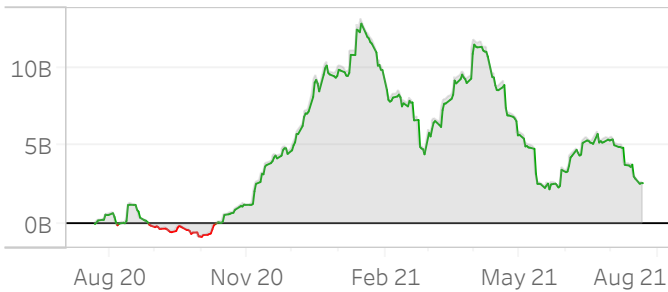
Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



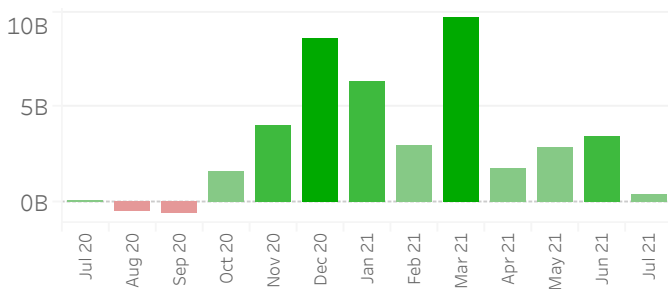
Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
CNXT	VanEck Vectors ChinaAMC SME-ChiNext ETF	2.79%
PGJ	Invesco Golden Dragon China ETF	2.75%
EPOL	iShares MSCI Poland ETF	2.52%
EPU	iShares MSCI Peru ETF	2.43%
ECNS	iShares MSCI China Small-Cap ETF	2.42%
FNI	First Trust Chindia ETF	2.12%
FBZ	First Trust Brazil AlphaDEX Fund	1.95%
CNYA	iShares MSCI China A ETF	1.72%
EIDO	iShares MSCI Indonesia ETF	1.65%
ILF	iShares Latin America 40 ETF	1.65%

Emerging Most Overbought

Ticker	Fund	Price
GLIN	VanEck Vectors India Growth Leaders ETF	69.87
ASHS	Xtrackers Harvest CSI 500 China A-Shares Small Cap ..	65.88
SMIN	iShares MSCI India Small Cap ETF	62.12
CNXT	VanEck Vectors ChinaAMC SME-ChiNext ETF	60.05
EGPT	VanEck Vectors Egypt Index ETF	59.86
CUBS	Asian Growth Cubs ETF	59.11
CNYA	iShares MSCI China A ETF	56.45
ASHX	Xtrackers MSCI China A Inclusion Equity ETF	55.31
KBA	KraneShares Bosera MSCI China A Share ETF	55.18
KFYP	KraneShares CICC China Leaders 100 Index ETF	54.20

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

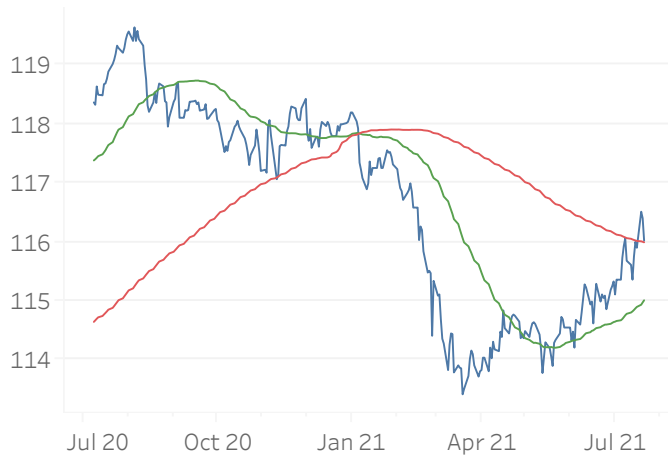
Ticker	Fund	1-Day Performance
EYLD	Cambria Emerging Shareholder Yield ETF	-0.32%
QAT	iShares MSCI Qatar ETF	-0.22%
FDEM	Fidelity Emerging Markets Multifactor ETF	-0.20%
AFTY	Pacer CSOP FTSE China A50 ETF	-0.16%
PIE	Invesco DWA Emerging Markets Momentum ..	-0.10%
FEMS	First Trust Emerging Markets Small Cap Alph..	0.04%
EDIV	SPDR S&P Emerging Markets Dividend ETF	0.07%
EEMV	iShares MSCI Emerging Markets Min Vol Fact..	0.11%
EPHE	iShares MSCI Philippines ETF	0.14%
PIN	Invesco India ETF	0.14%

Emerging Most Oversold

Ticker	Fund	Price
NGE	Global X MSCI Nigeria ETF	25.62
EPHE	iShares MSCI Philippines ETF	28.54
THD	iShares MSCI Thailand ETF	30.11
PAK	Global X MSCI Pakistan ETF	33.95
CEY	VictoryShares Emerging Market High Dividend Volat..	36.22
EWM	iShares MSCI Malaysia ETF	36.50
UEVM	VictoryShares USAA MSCI Emerging Markets Value ..	36.88
ICOL	iShares MSCI Colombia ETF	36.89
FEM	First Trust Emerging Markets AlphaDEX Fund	37.11
ISEM	Invesco RAFI Strategic Emerging Markets ETF	37.12

* 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	-0.33%	1.03%	-0.94%
SHY	1-3 Year Treasury Bonds	-0.03%	0.14%	-0.04%
IEF	7-10 Year Treasury Bonds	-0.58%	1.77%	-1.97%
TLT	20+ Year Treasury Bonds	-1.27%	3.49%	-5.36%
TIP	TIPS Bonds	-0.26%	2.03%	2.68%
FLOT	Floating Rate Bonds	0.00%	-0.01%	0.38%
LQD	Investment Grade Corporate	-0.35%	1.47%	-0.92%
HYG	High Yield Corporate	0.24%	0.48%	2.58%
BKLN	Senior Loan	0.14%	-0.25%	0.85%
PFF	Preferred & Income Securities	0.10%	0.52%	3.96%
MUB	Municipal Bonds	-0.15%	0.61%	1.38%
MBB	MBS	-0.18%	0.43%	-0.73%
EMB	Dollar Denominated EM Bonds	-0.38%	0.50%	-1.17%
LEMB	Local Currency EM Bond	0.14%	-0.55%	-4.57%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	1.79%	3.80%	24.70%
DBE	Energy	3.32%	-1.10%	40.59%
USO	WTI Crude Oil	3.78%	-2.21%	46.23%
BNO	Brent Crude Oil	3.80%	-2.72%	44.33%
UNG	Natural Gas	0.59%	21.40%	48.59%
UGA	Gasoline	3.58%	0.26%	45.33%
DBP	Precious Metals	0.06%	0.25%	-6.00%
GLD	Gold	-0.37%	1.08%	-5.38%
SLV	Silver	1.21%	-2.74%	-4.68%
PPLT	Platinum	1.33%	1.81%	0.27%
PALL	Palladium	0.72%	2.81%	8.18%
DBB	Base Metals	-0.30%	2.36%	15.47%
CPER	Copper	0.38%	2.11%	20.51%
LD	Lead	1.45%	9.92%	18.52%
JJN	Nickel	-0.03%	6.18%	10.67%
JJU	Aluminum	0.48%	2.02%	22.25%
JJT	Tin	-0.54%	12.42%	83.97%
DBA	Agriculture	1.52%	3.71%	16.11%
CORN	Corn	0.24%	1.66%	33.50%
SOYB	Soybeans	0.00%	4.45%	21.73%
WEAT	Wheat	1.01%	5.76%	12.76%
CANE	Sugar	1.09%	3.56%	25.65%
BAL	Cotton	-0.01%	4.02%	8.54%
NIB	Cocoa	-0.35%	-6.20%	-13.62%
JO	Coffee	7.70%	14.32%	33.41%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.24%	0.97%	2.89%
UDN	Short Dollar	0.24%	-1.06%	-3.61%
FXE	Euro	0.16%	-1.08%	-3.93%
FXB	British Pound Sterling	0.67%	-1.55%	0.12%
FXF	Swiss Franc	0.43%	-0.10%	-4.17%
FXJ	Japanese Yen	-0.43%	0.01%	-6.67%
FXC	Canadian Dollar	0.90%	-1.69%	1.01%
FXA	Australian Dollar	0.40%	-2.40%	-4.79%

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