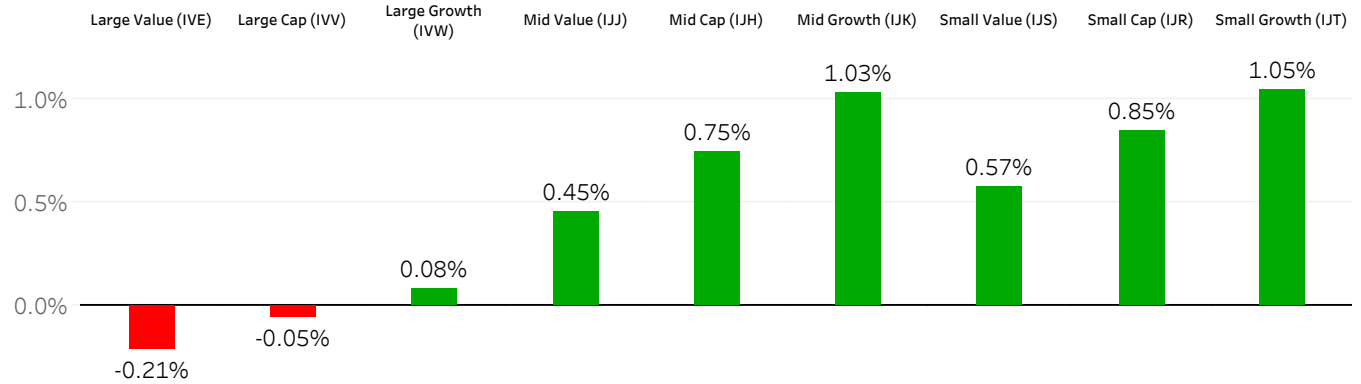


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
IPO	Renaissance IPO ETF	3.39%
MFMS	Motley Fool Small-Cap Growth ETF	2.47%
FFTY	Innovator IBD 50 ETF	2.45%
JSML	Janus Henderson Small Cap Growth Alph..	2.38%
BUZZ	VanEck Vectors Social Sentiment ETF	2.33%
DWAS	Invesco DWA SmallCap Momentum ETF	2.31%
IWO	iShares Russell 2000 Growth ETF	1.89%
FAD	First Trust Multi Cap Growth AlphaDEX F..	1.86%
JSMD	Janus Henderson Small/Mid Cap Growth ..	1.81%
VTWG	Vanguard Russell 2000 Growth ETF	1.81%

Size & Style Most Overbought

Ticker	Fund	Value
PSET	Principal Quality ETF	69.09
RPG	Invesco S&P 500 Pure Growth ETF	67.38
QLV	FlexShares US Quality Low Volatility Index Fund	66.80
FTC	First Trust Large Cap Growth AlphaDEX Fund	66.60
USMV	iShares MSCI USA Min Vol Factor ETF	66.55
ILCG	iShares Morningstar Growth ETF	66.51
FQAL	Fidelity Quality Factor ETF	65.98
MGK	Vanguard Mega Cap Growth ETF	65.89
IVW	iShares S&P 500 Growth ETF	65.72
SPYG	SPDR Portfolio S&P 500 Growth ETF	65.68

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
HUSV	First Trust Horizon Managed Volatility D..	-0.68%
SPLV	Invesco S&P 500 Low Volatility ETF	-0.68%
LGLV	SPDR SSGA US Large Cap Low Volatility I..	-0.58%
FTCS	First Trust Capital Strength ETF	-0.57%
DJD	Invesco Dow Jones Industrial Average Di..	-0.50%
ALTL	Pacer Lunt Large Cap Alternator ETF	-0.49%
DEF	Invesco Defensive Equity ETF	-0.44%
NOBL	ProShares S&P 500 Dividend Aristocrats ..	-0.42%
VIG	Vanguard Dividend Appreciation ETF	-0.41%
XRLV	Invesco S&P 500 ex-Rate Sensitive Low V..	-0.41%

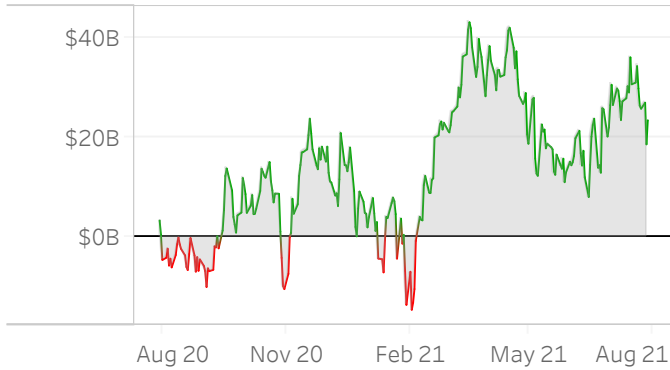
Size & Style Most Oversold

Ticker	Fund	Value
DUSA	Davis Select U.S. Equity ETF	44.20
IWC	iShares Micro-Cap ETF	45.56
SLYV	SPDR S&P 600 Small Cap Value ETF	45.57
IJS	iShares S&P Small-Cap 600 Value ETF	45.74
VIOV	Vanguard S&P Small-Cap 600 Value ETF	45.82
RPV	Invesco S&P 500 Pure Value ETF	45.90
RZV	Invesco S&P Smallcap 600 Pure Value ETF	46.02
SYLD	Cambria Shareholder Yield ETF	46.24
PEY	Invesco High Yield Equity Dividend Achievers ETF	46.32
RWJ	Invesco S&P SmallCap 600 Revenue ETF	46.34

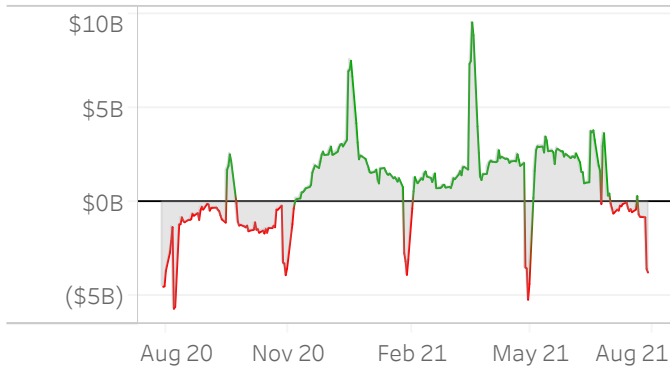
■ Closing Price ■ 50 Day Moving Average ■ 200 Day Moving Average

* 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	\$1,232B	\$4.14B	\$27.94B	\$70.80B	\$62.03B
Large Cap, Beta Growth, Beta: Growth	10	\$255B	\$0.44B	\$5.39B	\$5.03B	(\$2.81B)
Large Cap, Beta Growth, Beta: Value	10	\$196B	\$0.06B	\$5.77B	\$19.31B	\$31.66B
Mid Cap, Beta, Beta: Growth	6	\$39B	\$0.05B	(\$0.79B)	(\$1.99B)	(\$2.61B)
Small Cap, Beta, Beta: Growth	7	\$38B	\$0.03B	(\$0.32B)	\$0.02B	\$1.13B
Mid Cap, Beta, Beta	10	\$182B	\$0.02B	\$0.21B	\$4.26B	\$7.33B
Mid Cap, Beta, Beta: Value	6	\$40B	(\$0.02B)	\$0.47B	\$2.52B	\$3.51B
Small Cap, Beta, Beta: Value	7	\$55B	(\$0.16B)	\$0.00B	\$3.81B	\$9.06B
Small Cap, Beta, Beta	12	\$210B	(\$1.20B)	\$0.95B	\$5.09B	\$20.48B

U.S. Size & Style Flow Leaders

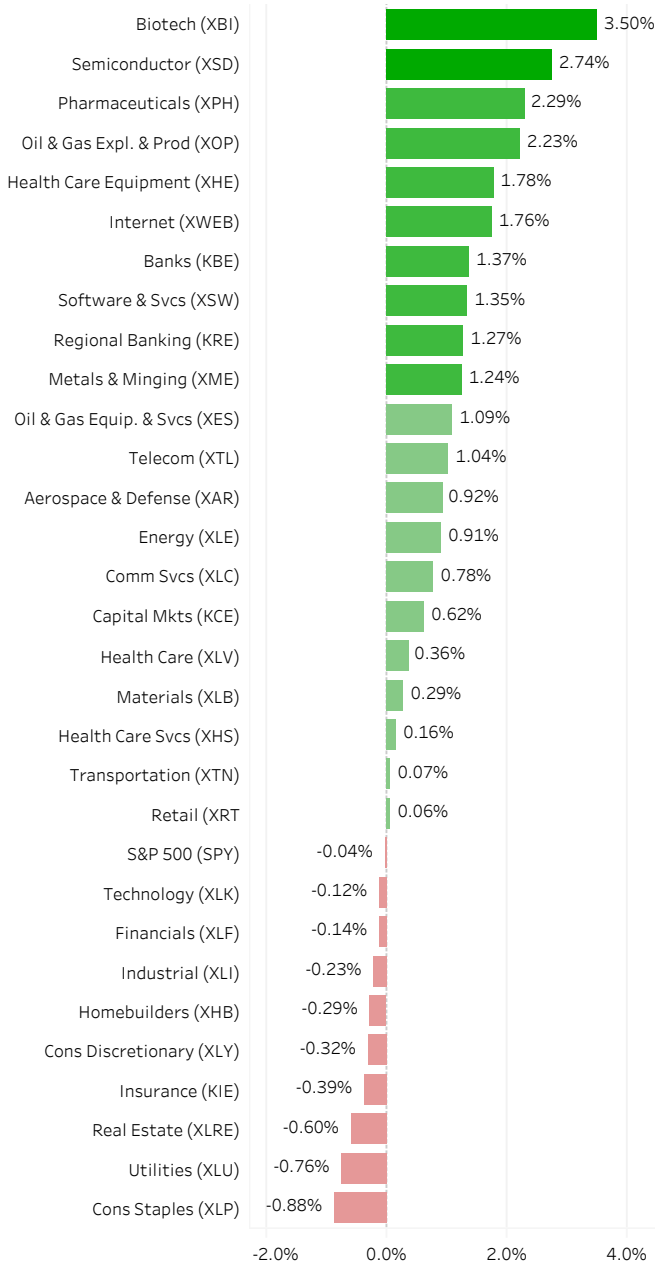
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	\$3.22B	\$7.13B	\$9.74B	\$10.89B	\$182.47B
SPY	SPDR S&P 500 ETF Trust	\$1.70B	\$2.92B	\$7.02B	(\$6.16B)	\$382.63B
ESGU	iShares ESG Aware MSCI USA ETF	\$1.32B	\$2.84B	\$5.01B	\$8.57B	\$20.65B
ITOT	iShares Core S&P Total U.S. Stock Market ETF	\$0.73B	\$1.65B	\$3.91B	\$5.27B	\$41.94B
VTI	Vanguard Total Stock Market ETF	\$0.70B	\$9.36B	\$20.09B	\$43.58B	\$259.96B
VLUE	iShares MSCI USA Value Factor ETF	\$0.40B	\$0.60B	\$3.63B	\$6.92B	\$15.87B
VOO	Vanguard S&P 500 ETF	\$0.32B	\$11.22B	\$29.88B	\$31.85B	\$243.44B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.19B	\$1.08B	\$5.31B	\$9.18B	\$28.33B
VTV	Vanguard Value ETF	\$0.15B	\$3.88B	\$9.55B	\$15.37B	\$82.94B
VUG	Vanguard Growth ETF	\$0.15B	\$2.00B	\$3.40B	\$1.44B	\$82.71B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	(\$1.23B)	(\$1.24B)	(\$1.20B)	\$5.30B	\$64.26B
IVV	iShares Core S&P 500 ETF	(\$1.17B)	\$2.88B	\$16.16B	\$15.99B	\$295.53B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$1.16B)	(\$0.49B)	(\$0.83B)	\$1.11B	\$14.48B
QUAL	iShares MSCI USA Quality Factor ETF	(\$0.34B)	\$1.71B	\$0.30B	(\$1.41B)	\$23.88B
IWB	iShares Russell 1000 ETF	(\$0.15B)	\$0.38B	\$0.58B	(\$0.63B)	\$30.52B
IWN	iShares Russell 2000 Value ETF	(\$0.13B)	(\$0.78B)	\$0.50B	\$2.52B	\$15.32B
VO	Vanguard Mid-Cap ETF	(\$0.11B)	\$0.94B	\$2.03B	\$3.52B	\$50.26B
IVE	iShares S&P 500 Value ETF	(\$0.09B)	(\$0.12B)	\$0.71B	\$1.50B	\$22.36B
IWF	iShares Russell 1000 Growth ETF	(\$0.09B)	(\$0.35B)	(\$1.31B)	(\$4.84B)	\$72.45B
DSI	iShares MSCI KLD 400 Social ETF	(\$0.06B)	\$0.05B	\$0.21B	\$0.45B	\$3.33B

* 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%	29.90%	4.49%	11.92%	69.54
XLC	Communication Services Select Sector SPDR Fund	-0.42%	45.00%	4.03%	14.96%	62.63
SPY	SPDR S&P 500 ETF Trust	-0.50%	36.01%	2.80%	11.43%	60.74
XLRE	Real Estate Select Sector SPDR Fund	-0.60%	36.99%	3.27%	16.58%	59.56
XLP	Consumer Staples Select Sector SPDR Fund	-0.88%	14.12%	0.84%	4.84%	56.00
XLK	Technology Select Sector SPDR Fund	-1.12%	38.07%	5.14%	13.89%	61.17
XLY	Consumer Discretionary Select Sector SPDR Fund	-1.33%	28.73%	3.32%	8.79%	57.42
XLU	Utilities Select Sector SPDR Fund	-2.02%	16.14%	2.03%	3.99%	58.95
XLI	Industrial Select Sector SPDR Fund	-2.63%	37.24%	-0.31%	8.50%	49.91
XLF	Financial Select Sector SPDR Fund	-5.35%	56.94%	-1.40%	11.10%	49.23
XLB	Materials Select Sector SPDR Fund	-6.66%	34.65%	-1.30%	6.90%	52.64
XLE	Energy Select Sector SPDR Fund	-11.53%	79.39%	-5.91%	8.45%	43.55

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XBI	SPDR S&P BIOTECH ETF	3.50%
IBBQ	Invesco Nasdaq Biotechnology ETF	3.20%
PSCT	Invesco S&P SmallCap Information Technology ETF	2.93%
IBB	iShares Biotechnology ETF	2.81%
XSD	SPDR S&P Semiconductor ETF	2.74%
PSI	Invesco Dynamic Semiconductors ETF	2.54%
FTXL	First Trust Nasdaq Semiconductor ETF	2.46%
PSCE	Invesco S&P SmallCap Energy ETF	2.38%
FBT	First Trust NYSE Arca Biotechnology Index Fund	2.33%
XPH	SPDR S&P Pharmaceuticals ETF	2.29%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
XLV	Health Care Select Sector SPDR Fund	69.54
IYH	iShares U.S. Healthcare ETF	69.38
IHI	iShares U.S. Medical Devices ETF	69.20
RYH	Invesco S&P 500 Equal Weight Health Care ETF	68.74
VHT	Vanguard Health Care ETF	67.97
IHE	iShares U.S. Pharmaceuticals ETF	67.71
FHLC	Fidelity MSCI Health Care Index ETF	67.04
JHMH	John Hancock Multifactor Healthcare ETF	66.39
FXH	First Trust Health Care AlphaDEX Fund	66.10
REZ	iShares Residential and Multisector Real Estate E..	65.23

Sector & Industry 1 Day Performance Laggards

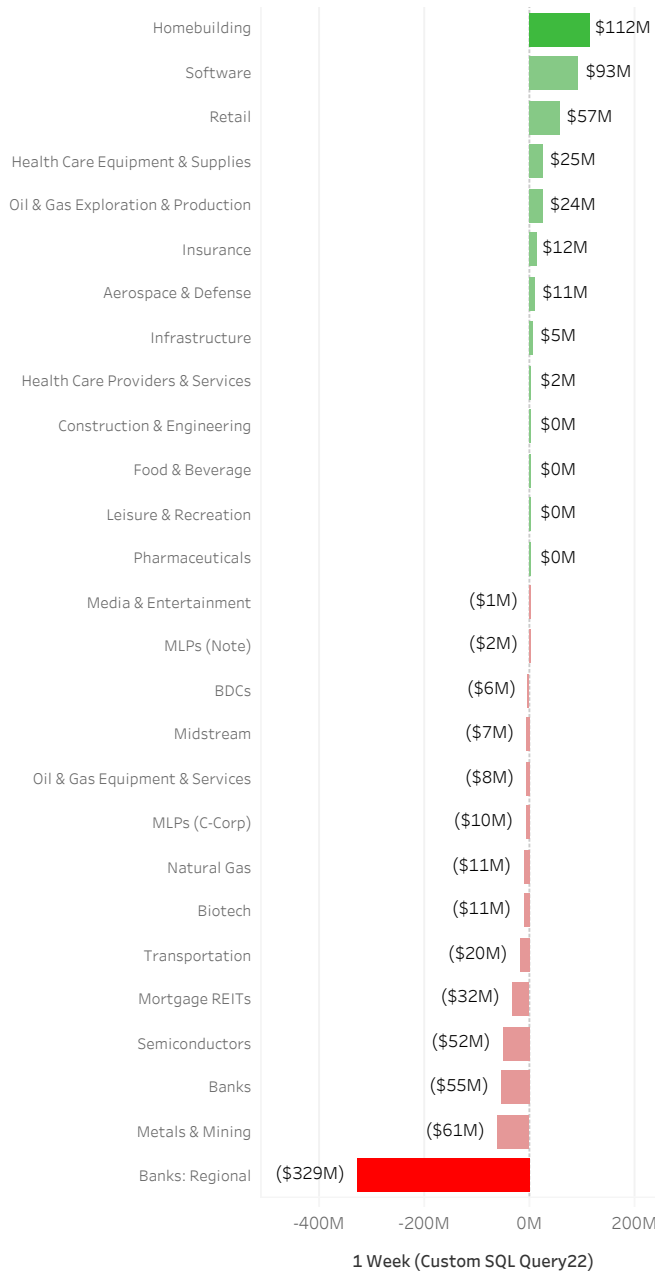
Ticker	Fund	1 Day Performance
PSCD	Invesco S&P SmallCap Consumer Discretionary ..	-0.91%
XLP	Consumer Staples Select Sector SPDR Fund	-0.88%
IAK	iShares U.S. Insurance ETF	-0.84%
XLU	Utilities Select Sector SPDR Fund	-0.76%
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER ..	-0.76%
VDC	Vanguard Consumer Staples ETF	-0.75%
RHS	Invesco S&P 500 Equal Weight Consumer Stapl..	-0.69%
RYU	Invesco S&P 500 Equal Weight Utilities ETF	-0.69%
IHF	iShares U.S. Healthcare Providers ETF	-0.65%
ITB	iShares U.S. Home Construction ETF	-0.62%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IYT	iShares US Transportation ETF	38.27
XES	SPDR S&P Oil & Gas Equipment & Services ETF	41.30
PXI	Invesco DWA Energy Momentum ETF	41.39
IEZ	iShares U.S. Oil Equipment & Services ETF	42.27
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	42.52
PSCE	Invesco S&P SmallCap Energy ETF	42.66
XTN	SPDR S&P Transportation ETF	43.16
FTXN	First Trust Nasdaq Oil & Gas ETF	43.24
RYE	Invesco S&P 500 Equal Weight Energy ETF	43.24
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	43.49

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

U.S. Sector & Industry 1-Week Flows



U.S. Sector Landscape

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Communication Services	9	\$21B	\$156M	\$706M	\$994M	\$724M
Consumer Discretionary	13	\$34B	(\$40M)	(\$926M)	\$1,567M	\$3,266M
Consumer Staples	12	\$22B	\$743M	\$2,516M	(\$139M)	(\$2,993M)
Energy	34	\$49B	(\$260M)	(\$579M)	\$6,421M	\$10,274M
Financials	28	\$73B	(\$355M)	(\$1,306M)	\$8,810M	\$19,630M
Health Care	25	\$88B	\$732M	\$3,511M	\$2,033M	\$1,387M
Industrial	14	\$37B	\$102M	(\$1,914M)	\$1,658M	\$7,274M
Materials	10	\$17B	(\$136M)	\$1,688M	\$4,255M	\$7,713M
Multi-Sector	16	\$24B	\$279M	\$127M	\$2,744M	\$4,218M
Real Estate	21	\$72B	\$112M	\$2,580M	\$6,844M	\$9,117M
Technology	24	\$137B	(\$50M)	\$1,110M	\$1,080M	\$394M
Utilities	10	\$20B	\$175M	\$38M	(\$358M)	(\$26M)

U.S. Sector & Industry Flow Leaders

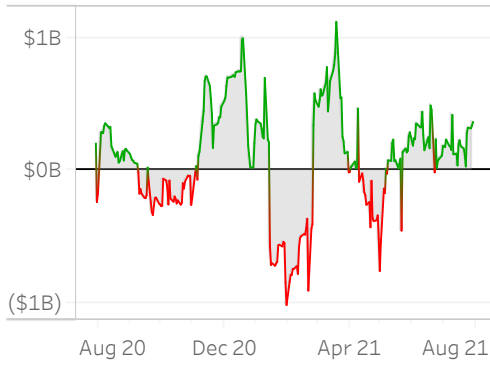
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLP	Consumer Staples Select Sector SPDR Fund	\$612M	\$2,544M	\$190M	(\$2,228M)	\$13,173M
XLV	Health Care Select Sector SPDR Fund	\$537M	\$4,165M	\$2,857M	\$2,417M	\$32,037M
XLI	Industrial Select Sector SPDR Fund	\$171M	(\$1,388M)	\$769M	\$4,308M	\$19,548M
FDN	First Trust Dow Jones Internet Index Fund	\$163M	\$5M	(\$876M)	(\$1,920M)	\$11,050M
XLU	Utilities Select Sector SPDR Fund	\$157M	(\$93M)	(\$538M)	(\$361M)	\$12,294M
VNQ	Vanguard Real Estate ETF	\$151M	\$2,491M	\$3,372M	\$5,007M	\$43,880M
VHT	Vanguard Health Care ETF	\$147M	\$609M	\$797M	\$1,588M	\$16,085M
IYW	iShares U.S. Technology ETF	\$119M	\$99M	\$40M	(\$304M)	\$8,171M
VDC	Vanguard Consumer Staples ETF	\$116M	\$66M	(\$121M)	(\$545M)	\$5,796M
XLC	Communication Services Select Sector SPDR Fu..	\$112M	\$36M	\$116M	(\$165M)	\$14,292M

U.S. Sector & Industry Flow Laggards

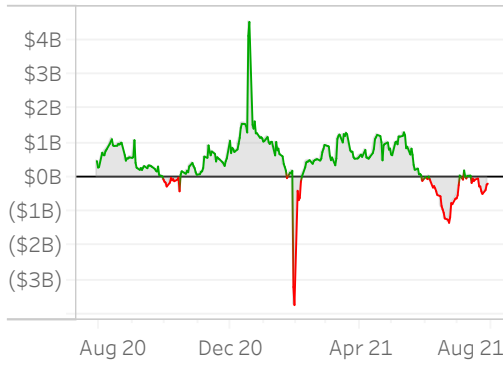
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VGT	Vanguard Information Technology ETF	(\$348M)	\$1,000M	\$1,415M	\$1,248M	\$49,040M
KRE	SPDR S&P Regional Banking ETF	(\$329M)	(\$343M)	\$1,352M	\$2,305M	\$4,151M
IYE	iShares U.S. Energy ETF	(\$233M)	\$138M	\$1,527M	\$1,562M	\$2,199M
IYR	iShares U.S. Real Estate ETF	(\$117M)	(\$1,334M)	\$648M	\$1,155M	\$5,594M
XBI	SPDR S&P BIOTECH ETF	(\$77M)	(\$93M)	\$601M	\$353M	\$6,679M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$71M)	(\$1,292M)	(\$1,038M)	\$120M	\$19,758M
KBE	SPDR S&P Bank ETF	(\$61M)	(\$981M)	(\$440M)	\$583M	\$2,825M
XME	SPDR S&P Metals & Mining ETF	(\$61M)	(\$177M)	\$487M	\$777M	\$1,756M
VFH	Vanguard Financials ETF	(\$56M)	\$231M	\$1,152M	\$1,136M	\$10,428M
SOXX	iShares Semiconductor ETF	(\$44M)	\$26M	\$1,024M	\$1,632M	\$6,831M

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

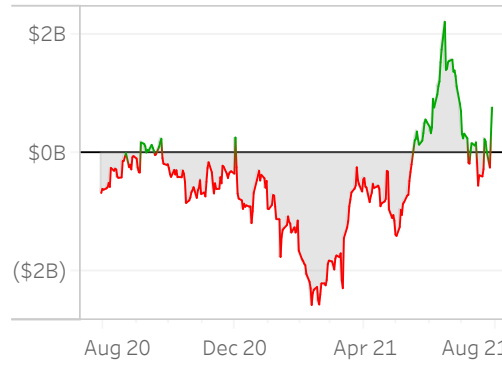
Communication Services



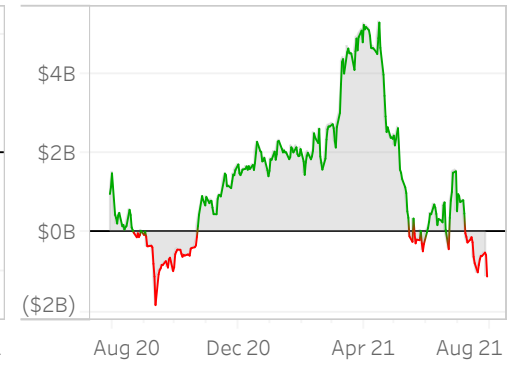
Consumer Discretionary



Consumer Staples



Energy



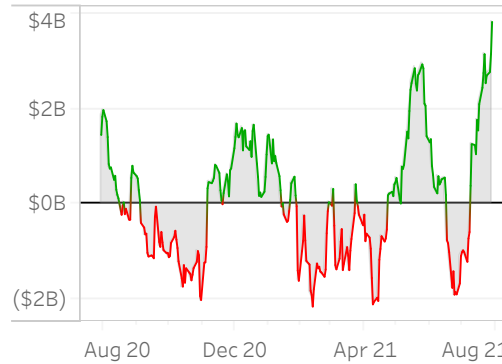
Financials



Industrial



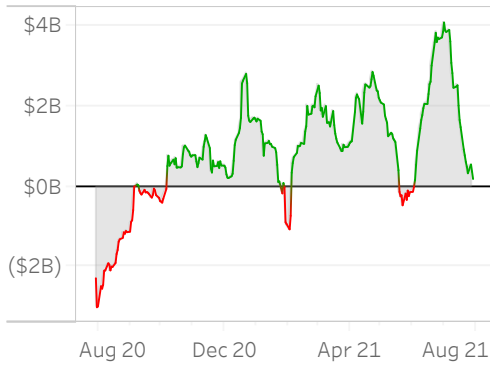
Health Care



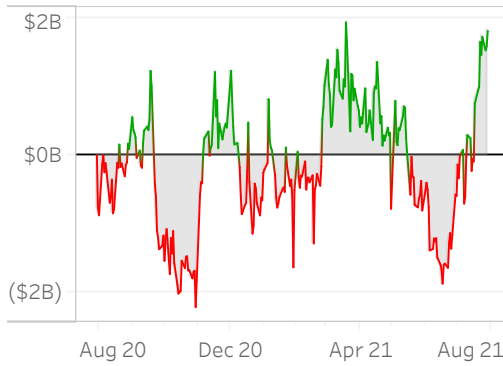
Materials



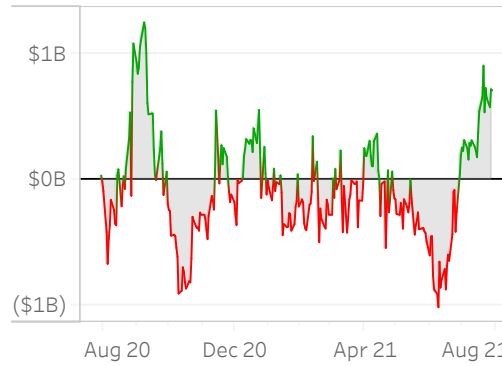
Real Estate



Technology



Utilities

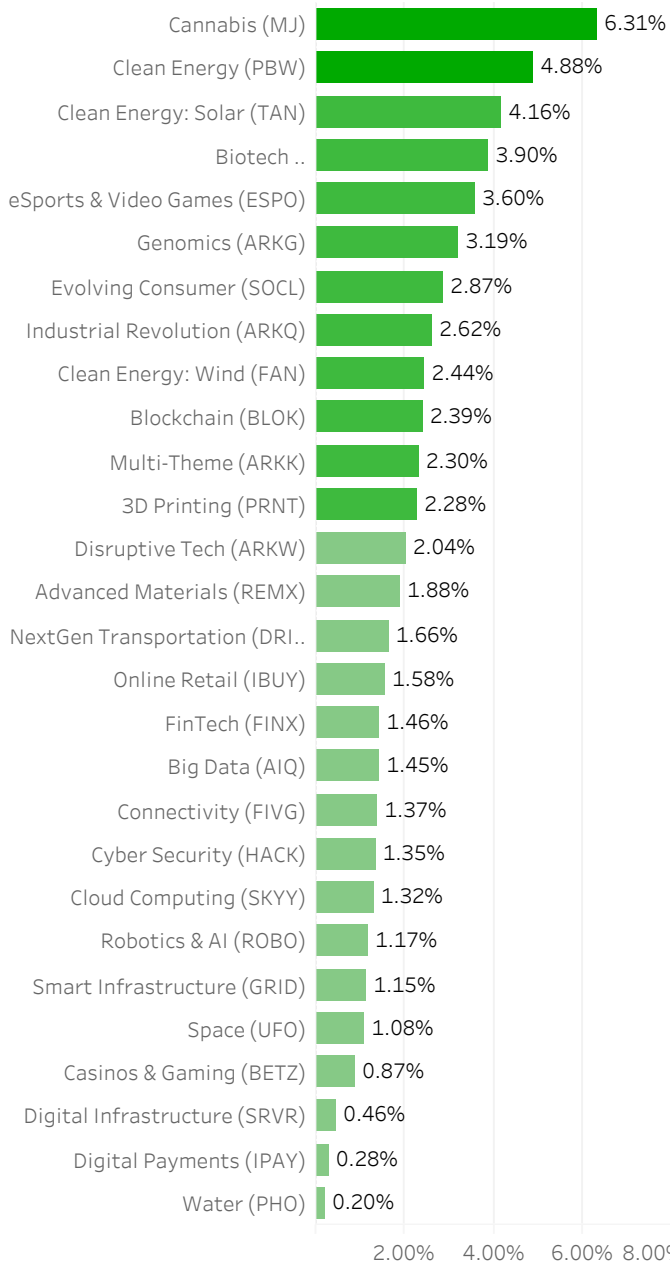


Multi-Sector

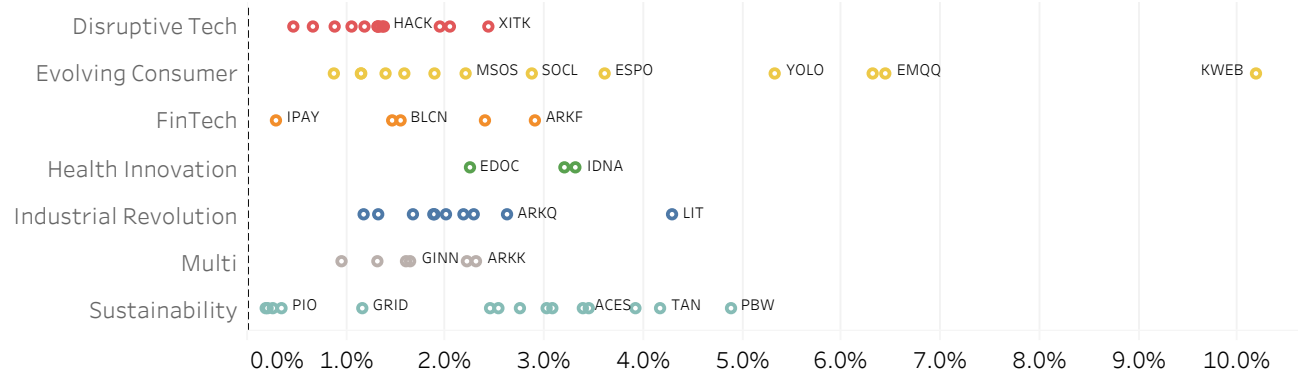


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance (%)
KWEB	KraneShares CSI China Internet ETF	10.18%
POTX	Global X Cannabis ETF	8.50%
EMQQ	Emerging Markets Internet & Ecommerce ETF	6.43%
KGRN	KraneShares MSCI China Clean Technology Index ETF	6.32%
MJ	ETFMG Alternative Harvest ETF	6.31%
THCX	Cannabis ETF	6.22%
CNBS	Amplify Seymour Cannabis ETF	5.50%
YOLO	AdvisorShares Pure Cannabis ETF	5.32%
PBW	Invesco WilderHill Clean Energy ETF	4.88%
GERM	ETFMG Treatments Testing and Advancements ETF	4.32%

Thematic Most Overbought

Ticker	Fund	Value
PIO	Invesco Global Water ETF	68.70
CGW	Invesco S&P Global Water Index ETF	68.46
PAWZ	ProShares Pet Care ETF	68.34
PHO	Invesco Water Resources ETF	67.73
TECB	iShares U.S. Tech Breakthrough Multisector ETF	67.55
CIBR	First Trust NASDAQ Cybersecurity ETF	66.10
REMX	VanEck Vectors Rare Earth/Strategic Metals ETF	64.79
GERM	ETFMG Treatments Testing and Advancements ETF	63.35
FIW	First Trust Water ETF	63.09
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastru..	62.68

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance (%)
INCO	Columbia India Consumer ETF	-0.26%
CGW	Invesco S&P Global Water Index ETF	0.18%
PHO	Invesco Water Resources ETF	0.20%
KLDW	Knowledge Leaders Developed World ETF	0.23%
FIW	First Trust Water ETF	0.25%
IPAY	ETFMG Prime Mobile Payments ETF	0.28%
PIO	Invesco Global Water ETF	0.34%
EVX	VanEck Vectors Environmental Services ETF	0.42%
SRVR	Pacer Benchmark Data & Infrastructure Real Est..	0.46%
MILN	Global X Millennial Consumer ETF	0.57%

Thematic Most Oversold

Ticker	Fund	Value
KWEB	KraneShares CSI China Internet ETF	32.14
NERD	Roundhill BITKRAFT Esports & Digital Entertainmen..	34.52
MSOS	AdvisorShares Pure US Cannabis ETF	35.26
KEMQ	KraneShares Emerging Markets Consumer Technolo..	35.72
EMQQ	Emerging Markets Internet & Ecommerce ETF	36.07
BETZ	Roundhill Sports Betting & iGaming ETF	38.67
BJK	VanEck Vectors Gaming ETF	39.27
GAMR	Wedbush ETFMG Video Game Tech ETF	40.68
AWAY	ETFMG Travel Tech ETF	41.19
MOON	Direxion Moonshot Innovators ETF	41.36

* 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	\$383M
LIT	Global X Lithium & Battery Tech ETF	\$185M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$70M
ICLN	iShares Global Clean Energy ETF	\$61M
BUG	Global X Cybersecurity ETF	\$43M
DRIV	Global X Autonomous & Electric Vehicles ETF	\$38M
CGW	Invesco S&P Global Water Index ETF	\$22M
PHO	Invesco Water Resources ETF	\$13M
IHAK	iShares Cybersecurity & Tech ETF	\$9M
IPAY	ETFMG Prime Mobile Payments ETF	\$7M

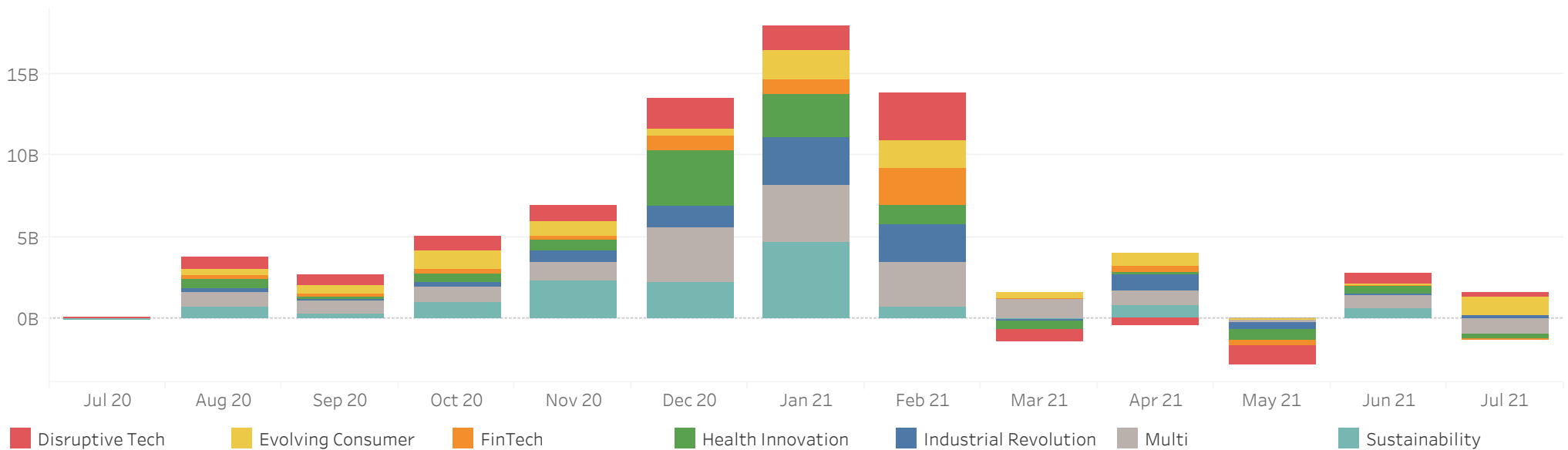
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$303M)
ARKW	ARK Next Generation Internet ETF	(\$88M)
IBUY	Amplify Online Retail ETF	(\$49M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$41M)
PBW	Invesco WilderHill Clean Energy ETF	(\$33M)
ARKG	ARK Genomic Revolution ETF	(\$33M)
ARKF	ARK Fintech Innovation ETF	(\$31M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$28M)
BTEC	Principal Healthcare Innovators Index ETF	(\$17M)
GENY	Principal Millennials Index ETF	(\$16M)

Thematic Landscape Assets & Flows

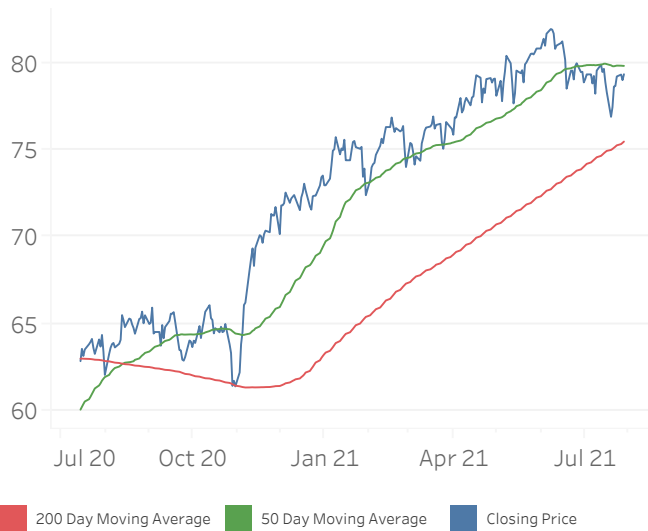
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	29	\$28B	(\$121M)	(\$259M)	\$1,503M	\$8,220M
Evolving Consumer	39	\$15B	\$242M	\$1,412M	\$4,166M	\$9,156M
FinTech	12	\$8B	(\$3M)	(\$332M)	\$2,427M	\$5,285M
Health Innovation	14	\$11B	(\$48M)	(\$443M)	\$405M	\$8,317M
Industrial Revolution	22	\$16B	\$183M	(\$223M)	\$2,827M	\$8,423M
Multi	24	\$30B	(\$568M)	(\$655M)	\$4,517M	\$15,217M
Sustainability	29	\$22B	\$9M	\$631M	\$2,146M	\$13,392M
Grand Total	169	\$129B	(\$306M)	\$131M	\$17,991M	\$68,010M

Thematic Monthly Flows

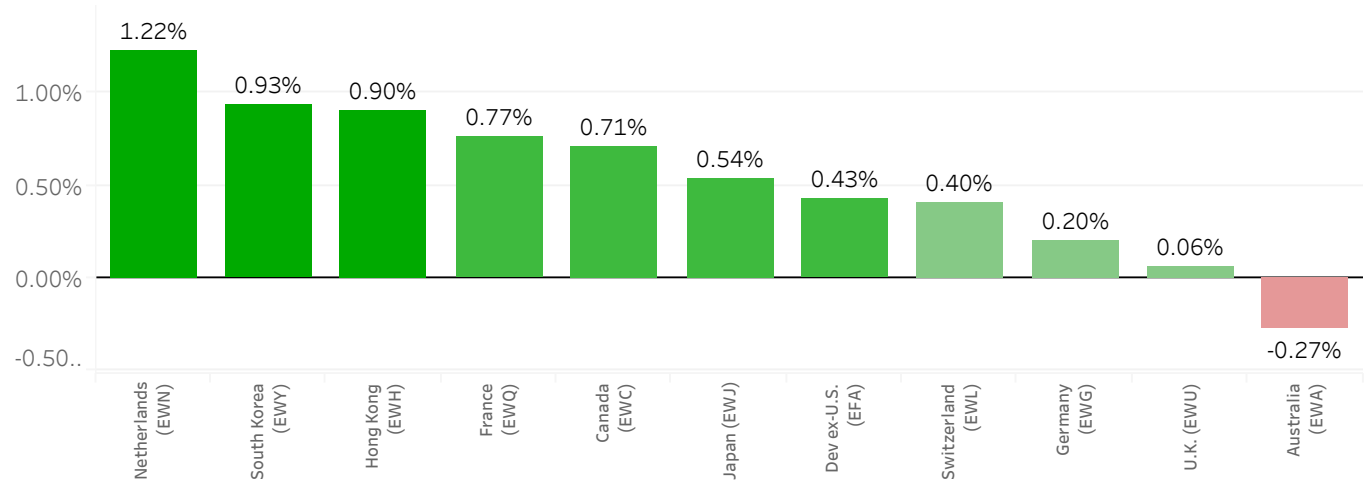


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

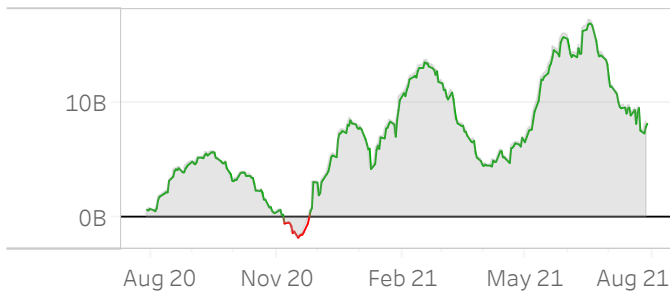
Developed ex-U.S. (EFA)



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



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



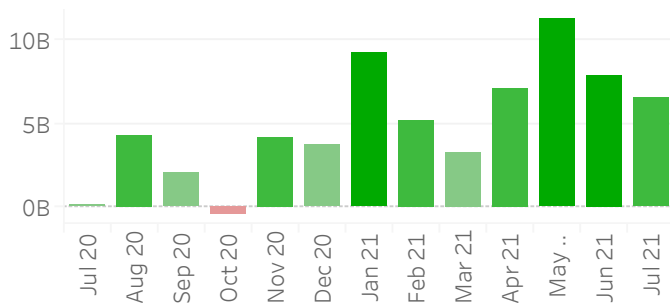
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
AIA	iShares Asia 50 ETF	3.18%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	2.82%
ISRA	VanEck Vectors Israel ETF	1.94%
EIS	iShares MSCI Israel ETF	1.46%
EWN	iShares MSCI Netherlands ETF	1.22%
PIZ	Invesco DWA Developed Markets Momentum ETF	1.10%
EIRL	iShares MSCI Ireland ETF	1.02%
IQDG	WisdomTree International Quality Dividend Growth ..	1.01%
EDEN	iShares MSCI Denmark ETF	0.97%
FLKR	Franklin FTSE South Korea ETF	0.94%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EFAD	ProShares MSCI EAFE Dividend Growers ETF	67.23
PIZ	Invesco DWA Developed Markets Momentum ETF	65.98
FSZ	First Trust Switzerland AlphaDEX Fund	63.22
EIS	iShares MSCI Israel ETF	61.51
TOK	iShares MSCI Kokusai ETF	60.93
EDEN	iShares MSCI Denmark ETF	60.93
IMOM	Alpha Architect International Quantitative Moment..	60.81
DFE	WisdomTree Europe SmallCap Dividend Fund	59.73
EFV	iShares MSCI EAFE Min Vol Factor ETF	59.66
FLSW	Franklin FTSE Switzerland ETF	59.65

Developed ex-U.S. Monthly Flows



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

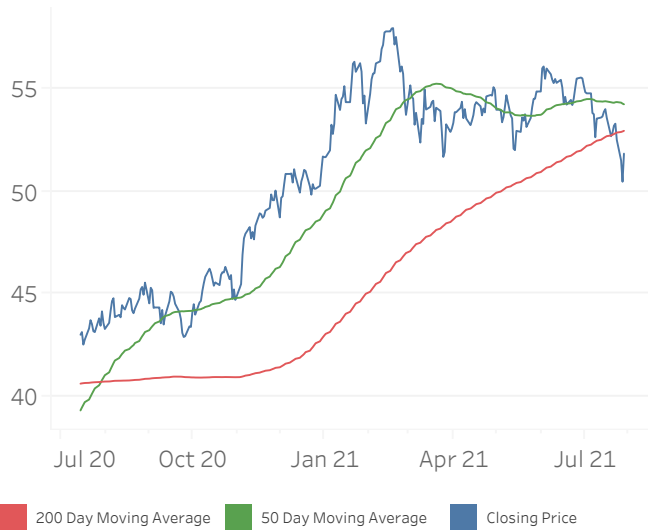
Ticker	Fund	1-Day Performance
EWA	iShares MSCI Australia ETF	-0.27%
EWD	iShares MSCI Sweden ETF	-0.27%
EPP	iShares MSCI Pacific ex-Japan ETF	-0.08%
FLGB	Franklin FTSE United Kingdom ETF	-0.04%
HEWG	iShares Currency Hedged MSCI Germany ETF	-0.03%
BBAX	JPMorgan BetaBuilders Developed Asia ex-Japan E..	-0.02%
EWP	iShares MSCI Spain ETF	0.00%
EWU	iShares MSCI United Kingdom ETF	0.06%
IDLV	Invesco S&P International Developed Low Volatility..	0.13%
INTF	iShares MSCI Intl Multifactor ETF	0.14%

Developed ex-U.S. Most Oversold

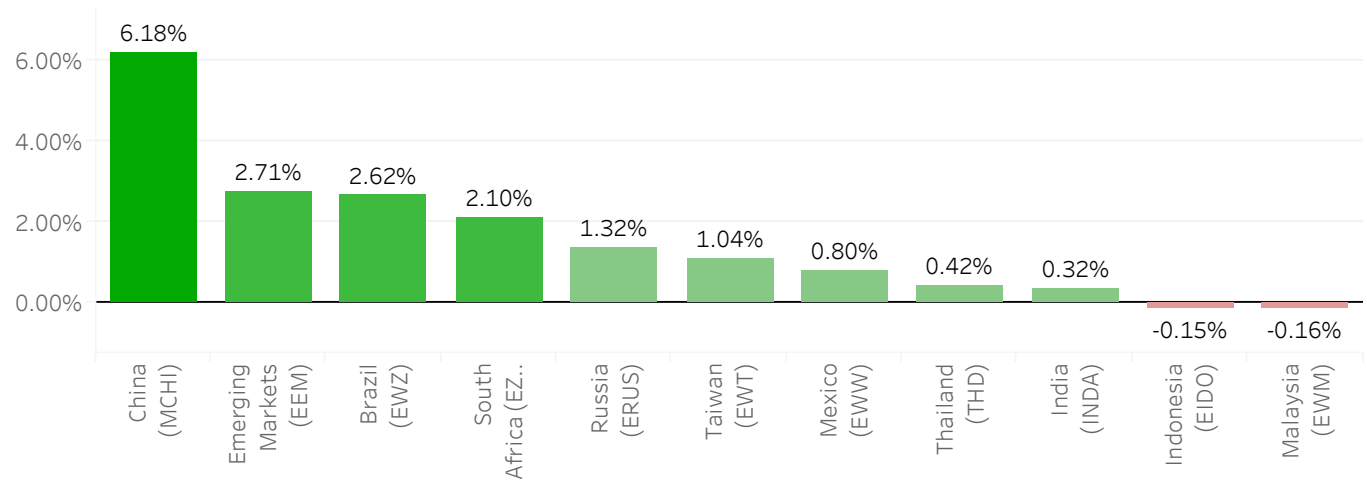
Ticker	Fund	Value
EWH	iShares MSCI Hong Kong ETF	36.18
AAXJ	iShares MSCI All Country Asia ex Japan ETF	37.22
AIA	iShares Asia 50 ETF	37.56
EPP	iShares MSCI Pacific ex-Japan ETF	40.61
BBAX	JPMorgan BetaBuilders Developed Asia ex-Japan ETF	41.01
ENZL	iShares MSCI New Zealand ETF	43.56
FLKR	Franklin FTSE South Korea ETF	45.02
EWY	iShares MSCI South Korea ETF	45.11
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	45.73
EWP	iShares MSCI Spain ETF	46.43

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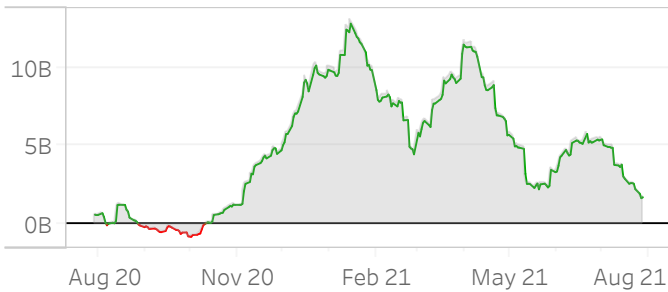
Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



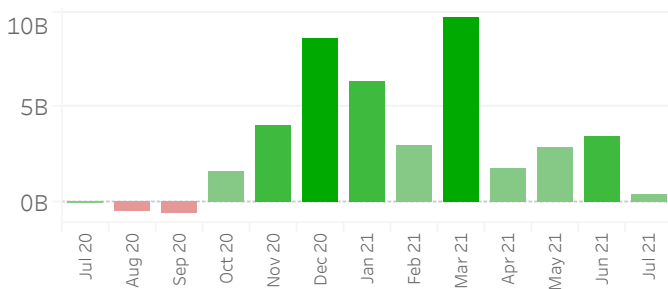
Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
PGJ	Invesco Golden Dragon China ETF	9.34%
CXSE	WisdomTree China ex-State-Owned Enterprises Fu..	7.25%
ECNS	iShares MSCI China Small-Cap ETF	6.98%
MCHI	iShares MSCI China ETF	6.18%
FXI	iShares China Large-Cap ETF	6.03%
GXC	SPDR S&P China ETF	5.81%
FNI	First Trust Chindia ETF	5.79%
FLCH	Franklin FTSE China ETF	5.44%
CNYA	iShares MSCI China A ETF	5.16%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	5.04%

Emerging Most Overbought

Ticker	Fund	Value
EWV	iShares MSCI Mexico ETF	61.23
KSA	iShares MSCI Saudi Arabia ETF	59.90
GLIN	VanEck Vectors India Growth Leaders ETF	59.87
SMIN	iShares MSCI India Small Cap ETF	57.22
PIN	Invesco India ETF	56.88
FM	iShares MSCI Frontier and Select EM ETF	53.32
ILF	iShares Latin America 40 ETF	53.19
EPI	WisdomTree India Earnings Fund	53.01
RSX	VanEck Vectors Russia ETF	52.65
ERUS	iShares MSCI Russia ETF	52.62

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
SMIN	iShares MSCI India Small Cap ETF	-0.39%
EWM	iShares MSCI Malaysia ETF	-0.16%
EIDO	iShares MSCI Indonesia ETF	-0.15%
INDY	iShares India 50 ETF	-0.04%
QAT	iShares MSCI Qatar ETF	0.03%
EPI	WisdomTree India Earnings Fund	0.06%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	0.12%
KSA	iShares MSCI Saudi Arabia ETF	0.18%
GLIN	VanEck Vectors India Growth Leaders ETF	0.23%
INDA	iShares MSCI India ETF	0.32%

Emerging Most Oversold

Ticker	Fund	Value
THD	iShares MSCI Thailand ETF	32.44
EPHE	iShares MSCI Philippines ETF	32.82
EWM	iShares MSCI Malaysia ETF	33.35
FEMS	First Trust Emerging Markets Small Cap AlphaDEX F..	34.02
FLCH	Franklin FTSE China ETF	35.56
PGJ	Invesco Golden Dragon China ETF	35.68
GXC	SPDR S&P China ETF	36.45
MCHI	iShares MSCI China ETF	36.52
GMF	SPDR S&P Emerging Asia Pacific ETF	36.83
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	37.21

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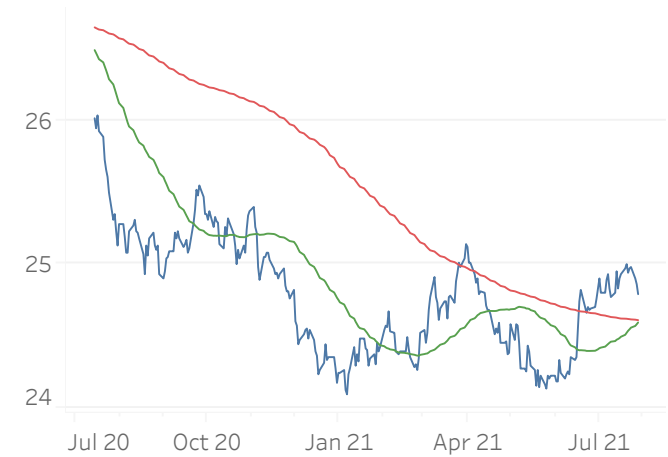
Fixed Income (AGG)



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	0.09%	1.27%	-0.54%
SHY	1-3 Year Treasury Bonds	0.01%	0.15%	0.00%
IEF	7-10 Year Treasury Bonds	0.09%	2.23%	-1.46%
TLT	20+ Year Treasury Bonds	0.01%	4.44%	-4.37%
TIP	TIPS Bonds	0.34%	2.89%	4.21%
FLOT	Floating Rate Bonds	0.00%	-0.04%	0.36%
LQD	Investment Grade Corporate	0.18%	1.86%	-0.17%
HYG	High Yield Corporate	0.08%	0.16%	2.63%
BKLN	Senior Loan	-0.05%	-0.30%	0.71%
PFF	Preferred & Income Securities	0.18%	0.29%	4.12%
MUB	Municipal Bonds	-0.06%	0.69%	1.40%
MBB	MBS	0.07%	0.52%	-0.41%
EMB	Dollar Denominated EM Bonds	0.25%	0.31%	-1.23%
LEMB	Local Currency EM Bond	0.46%	-0.94%	-4.13%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.29%	3.85%	26.90%
DBE	Energy	0.19%	1.16%	44.83%
USO	WTI Crude Oil	0.51%	0.36%	50.62%
BNO	Brent Crude Oil	0.05%	0.05%	48.52%
UNG	Natural Gas	0.80%	10.18%	50.54%
UGA	Gasoline	-0.38%	3.21%	50.88%
DBP	Precious Metals	0.75%	0.17%	-5.94%
GLD	Gold	0.50%	1.63%	-5.09%
SLV	Silver	0.91%	-4.30%	-5.70%
PPLT	Platinum	1.50%	-2.41%	-0.84%
PALL	Palladium	0.98%	-2.47%	6.64%
DBB	Base Metals	0.44%	1.54%	18.54%
CPER	Copper	-2.18%	4.46%	26.04%
LD	Lead	0.96%	5.30%	18.49%
JJN	Nickel	1.38%	7.27%	17.22%
JJU	Aluminum	1.58%	-1.19%	25.59%
JJT	Tin	0.81%	11.38%	90.68%
DBA	Agriculture	0.16%	5.38%	18.90%
CORN	Corn	0.00%	1.00%	29.97%
SOYB	Soybeans	0.04%	2.87%	19.47%
WEAT	Wheat	2.40%	5.41%	10.18%
CANE	Sugar	1.26%	4.88%	30.52%
BAL	Cotton	0.16%	3.66%	11.08%
NIB	Cocoa	2.06%	2.16%	-5.83%
JO	Coffee	-1.63%	23.24%	51.80%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.28%	0.36%	2.27%
UDN	Short Dollar	0.24%	-0.57%	-3.12%
FXE	Euro	0.24%	-0.73%	-3.56%
FXB	British Pound Sterling	0.16%	0.17%	1.48%
FXF	Swiss Franc	0.43%	0.94%	-3.43%
FXJ	Japanese Yen	-0.14%	0.65%	-6.32%
FXC	Canadian Dollar	0.51%	-1.55%	1.27%
FXA	Australian Dollar	0.12%	-2.55%	-4.63%

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

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