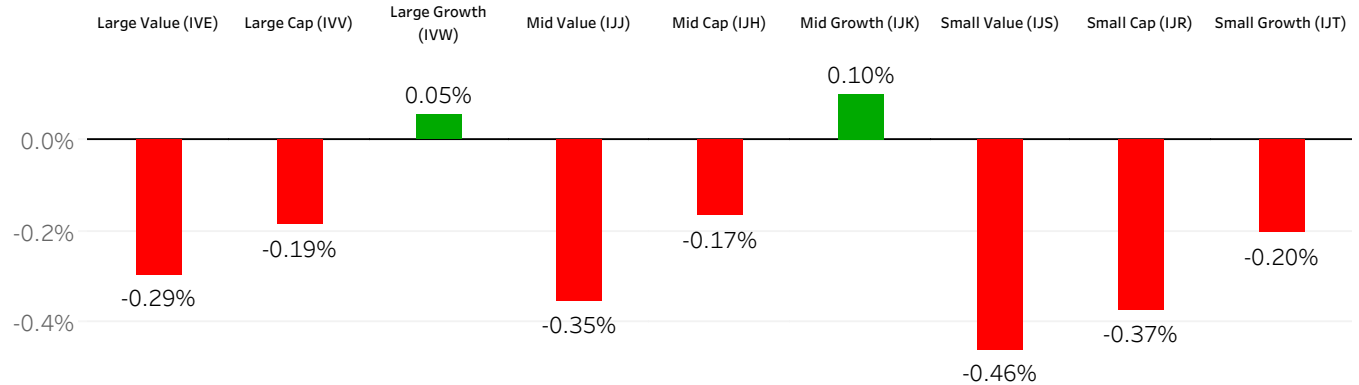


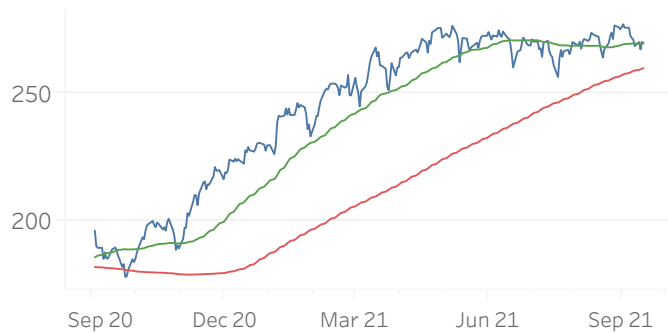
Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
FFTY	Innovator IBD 50 ETF	1.97%
IPO	Renaissance IPO ETF	1.48%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	0.78%
IWP	iShares Russell Mid-Cap Growth ETF	0.65%
FPX	First Trust US Equity Opportunities ETF	0.64%
FNJ	First Trust Mid Cap Growth AlphaDEX Fund	0.63%
MFMS	Motley Fool Small-Cap Growth ETF	0.60%
MMLG	First Trust Multi-Manager Large Growth ETF	0.60%
QGRO	American Century STOXX U.S. Quality Growth ETF	0.58%
DWEQ	AdvisorShares Dorsey Wright Alpha Equal Weight ETF	0.56%

Size & Style Most Overbought

Ticker	Fund	Price
FFTY	Innovator IBD 50 ETF	65.05
IPO	Renaissance IPO ETF	64.24
MMLG	First Trust Multi-Manager Large Growth ETF	62.67
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	62.07
RPG	Invesco S&P 500 Pure Growth ETF	60.64
NULG	Nuveen ESG Large-Cap Growth ETF	59.34
PTNQ	Pacer Trendpilot 100 ETF	59.33
QQQM	Invesco NASDAQ 100 ETF	58.83
VUG	Vanguard Growth ETF	58.80
QQQ	Invesco QQQ Trust	58.77

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
CSB	VictoryShares US Small Cap High Dividend Volatility Wt..	-0.95%
PEY	Invesco High Yield Equity Dividend Achievers ETF	-0.84%
SMDV	ProShares Russell 2000 Dividend Growers ETF	-0.80%
CSML	IQ Chaikin U.S. Small Cap ETF	-0.77%
DVY	iShares Select Dividend ETF	-0.74%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	-0.73%
HDV	iShares Core High Dividend ETF	-0.71%
REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	-0.70%
RDIV	Invesco S&P Ultra Dividend Revenue ETF	-0.67%
SDOG	ALPS Sector Dividend Dogs ETF	-0.67%

Size & Style Most Oversold

Ticker	Fund	Price
CSB	VictoryShares US Small Cap High Dividend Volatility ..	33.30
REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	33.46
SMDV	ProShares Russell 2000 Dividend Growers ETF	34.22
DGRS	WisdomTree US Smallcap Quality Dividend Growth F..	36.75
ABEQ	Absolute Core Strategy ETF	37.43
DURA	VanEck Morningstar Durable Dividend ETF	37.72
VSDA	VictoryShares Dividend Accelerator ETF	37.84
SDY	SPDR S&P Dividend ETF	38.50
LVHD	Legg Mason Low Volatility High Dividend ETF	38.52
DES	WisdomTree U.S. SmallCap Dividend Fund	39.76

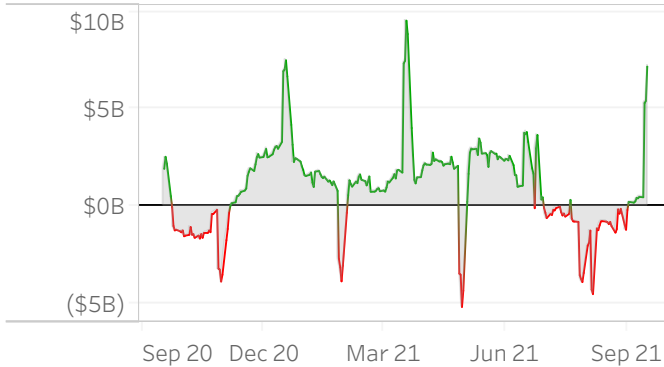
■ Closing Price
 ■ 50 Day Moving Average
 ■ 200 Day Moving Average

* 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	\$1,297B	\$14.53B	\$61.74B	\$83.90B	\$94.62B
Mid Cap, Beta, Beta	10	\$190B	\$4.82B	\$3.48B	\$3.43B	\$10.89B
Large Cap, Beta Growth, Beta: Growth	10	\$267B	\$3.70B	\$9.60B	\$12.52B	\$4.02B
Small Cap, Beta, Beta	12	\$216B	\$1.86B	\$2.11B	(\$1.58B)	\$21.93B
Mid Cap, Beta, Beta: Growth	6	\$41B	\$1.16B	\$0.80B	(\$1.40B)	(\$1.93B)
Small Cap, Beta, Beta: Growth	7	\$40B	\$1.10B	\$1.13B	(\$1.06B)	\$1.79B
Large Cap, Beta Growth, Beta: Value	10	\$200B	\$0.44B	\$1.00B	\$14.56B	\$31.62B
Small Cap, Beta, Beta: Value	7	\$56B	\$0.34B	(\$1.82B)	\$0.54B	\$8.70B
Mid Cap, Beta, Beta: Value	6	\$41B	\$0.33B	(\$1.14B)	\$1.72B	\$3.47B

U.S. Size & Style Flow Leaders

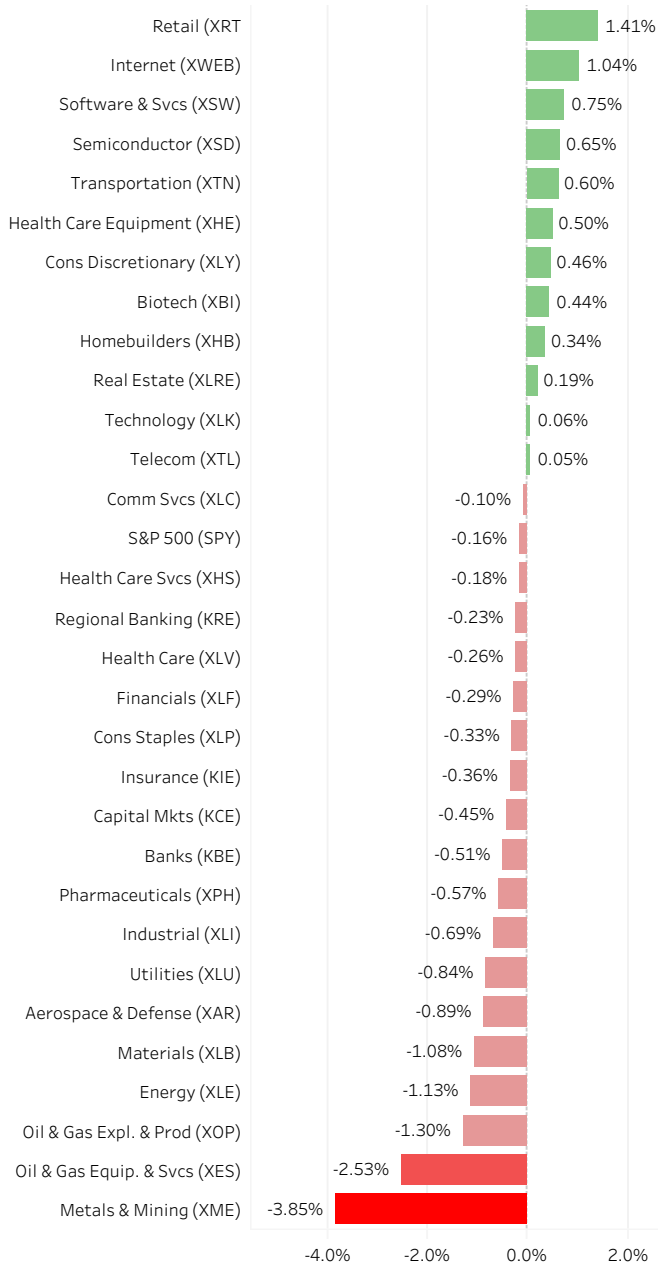
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$9.82B	\$26.69B	\$28.84B	\$12.95B	\$410.31B
VTI	Vanguard Total Stock Market ETF	\$3.38B	\$12.13B	\$24.73B	\$47.49B	\$274.39B
VIG	Vanguard Dividend Appreciation ETF	\$2.96B	\$4.18B	\$5.44B	\$7.00B	\$65.99B
VXF	Vanguard Extended Market ETF	\$2.87B	\$2.39B	\$4.06B	\$4.23B	\$20.34B
VO	Vanguard Mid-Cap ETF	\$2.77B	\$2.44B	\$0.80B	\$5.74B	\$55.40B
VUG	Vanguard Growth ETF	\$2.64B	\$2.13B	\$5.91B	\$5.65B	\$88.77B
VB	Vanguard Small-Cap ETF	\$1.84B	\$1.54B	\$1.15B	\$6.45B	\$49.42B
VOO	Vanguard S&P 500 ETF	\$1.65B	\$13.34B	\$24.11B	\$36.87B	\$255.83B
QQQ	Invesco QQQ Trust	\$1.38B	\$10.90B	\$13.17B	\$16.57B	\$195.17B
RSP	Invesco S&P 500 Equal Weight ETF	\$1.36B	\$0.58B	\$5.04B	\$11.08B	\$30.85B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	(\$1.74B)	(\$1.76B)	(\$5.93B)	\$5.13B	\$65.13B
IVE	iShares S&P 500 Value ETF	(\$0.35B)	(\$0.69B)	(\$0.18B)	\$1.37B	\$22.40B
SPLV	Invesco S&P 500 Low Volatility ETF	(\$0.17B)	(\$0.37B)	(\$0.34B)	(\$2.15B)	\$8.04B
IUSG	iShares Core S&P U.S. Growth ETF	(\$0.12B)	\$0.28B	\$0.23B	\$0.14B	\$12.76B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.11B)	(\$0.72B)	(\$3.23B)	(\$11.25B)	\$28.29B
AIEQ	AI Powered Equity ETF	(\$0.10B)	\$0.00B	\$0.00B	\$0.04B	\$0.17B
ONOF	Global X Adaptive U.S. Risk Management ETF	(\$0.08B)	\$0.01B	\$0.02B	\$0.08B	\$0.09B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.05B)	(\$0.75B)	(\$0.98B)	(\$0.32B)	\$20.72B
IWR	iShares Russell Midcap ETF	(\$0.03B)	(\$0.21B)	\$0.35B	\$0.73B	\$30.05B
PY	Principal Value ETF	(\$0.02B)	\$0.00B	\$0.02B	\$0.02B	\$0.05B

* 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)
XLY	Consumer Discretionary Select Sector SPDR Fund	0.00%	29.23%	1.73%	7.08%	60.54
XLK	Technology Select Sector SPDR Fund	-1.10%	42.47%	1.88%	12.32%	56.30
SPY	SPDR S&P 500 ETF Trust	-1.33%	36.94%	0.95%	8.97%	51.08
XLP	Consumer Staples Select Sector SPDR Fund	-1.67%	15.24%	0.11%	4.23%	46.79
XLC	Communication Services Select Sector SPDR Fund	-2.30%	43.12%	1.02%	10.19%	49.69
XLV	Health Care Select Sector SPDR Fund	-2.91%	30.70%	-0.08%	8.70%	43.08
XLRE	Real Estate Select Sector SPDR Fund	-2.98%	39.14%	1.04%	13.36%	50.64
XLF	Financial Select Sector SPDR Fund	-3.21%	59.89%	0.73%	8.58%	48.43
XLU	Utilities Select Sector SPDR Fund	-3.75%	15.56%	-0.12%	4.43%	41.88
XLI	Industrial Select Sector SPDR Fund	-3.90%	35.45%	-1.90%	3.37%	40.17
XLB	Materials Select Sector SPDR Fund	-6.36%	34.07%	-0.94%	3.44%	40.72
XLE	Energy Select Sector SPDR Fund	-11.57%	79.32%	1.48%	2.77%	55.01

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
AMZA	InfraCap MLP ETF	1.43%
XRT	SPDR S&P Retail ETF	1.41%
PSCD	Invesco S&P SmallCap Consumer Discretionary ETF	1.33%
PSL	Invesco DWA Consumer Staples Momentum ETF	1.23%
PEZ	Invesco DWA Consumer Cyclical Momentum ETF	1.11%
ITB	iShares U.S. Home Construction ETF	1.06%
XWEB	SPDR S&P Internet ETF	1.04%
FTXL	First Trust Nasdaq Semiconductor ETF	0.85%
PTF	Invesco DWA Technology Momentum ETF	0.78%
MLPA	Global X MLP ETF	0.78%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
PSI	Invesco Dynamic Semiconductors ETF	68.38
XSD	SPDR S&P Semiconductor ETF	68.25
FTXL	First Trust Nasdaq Semiconductor ETF	67.61
SOXX	iShares Semiconductor ETF	64.88
SOXQ	Invesco PHLX Semiconductor ETF	64.49
QTEC	First Trust NASDAQ-100 Technology Sector Index Fund	64.01
FCG	First Trust Natural Gas ETF	63.60
PXE	Invesco Dynamic Energy Exploration & Production ETF	62.81
PXI	Invesco DWA Energy Momentum ETF	62.33
PTF	Invesco DWA Technology Momentum ETF	61.43

Sector & Industry 1 Day Performance Laggards

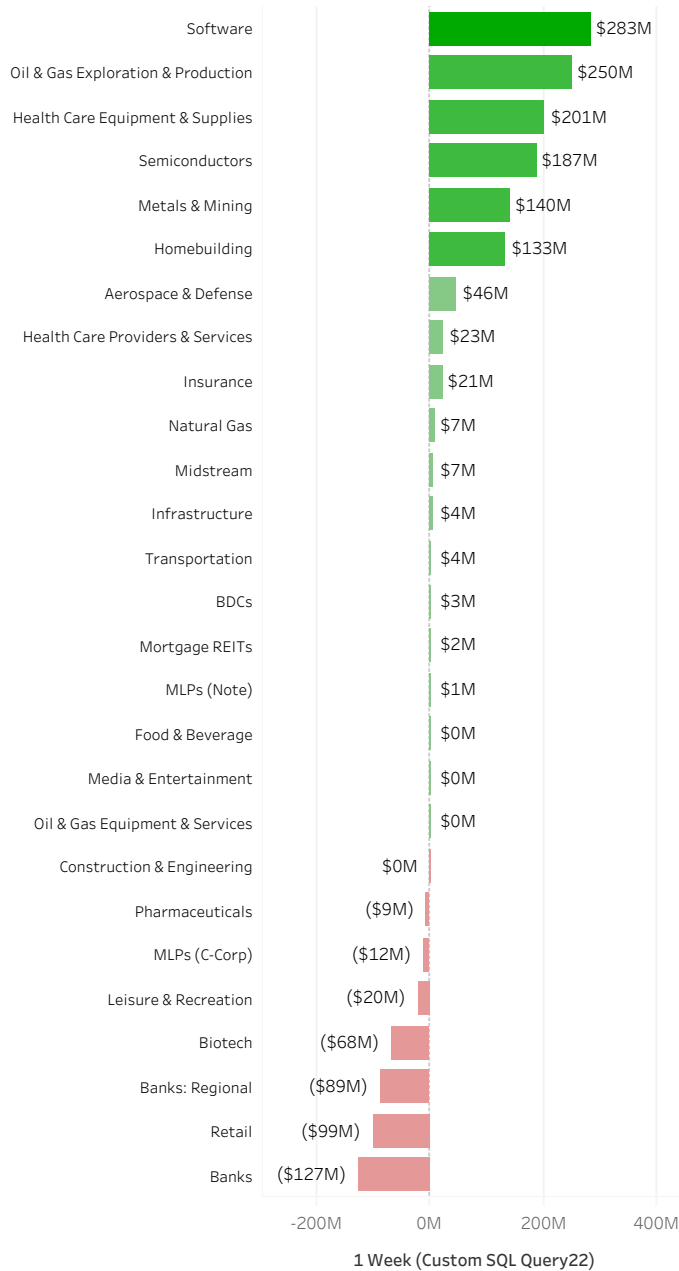
Ticker	Fund	1 Day Performance
XME	SPDR S&P Metals & Mining ETF	-3.85%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	-2.53%
IEZ	iShares U.S. Oil Equipment & Services ETF	-1.91%
PYZ	Invesco DWA Basic Materials Momentum ETF	-1.51%
PSCE	Invesco S&P SmallCap Energy ETF	-1.41%
FXZ	First Trust Materials AlphaDEX Fund	-1.36%
FXN	First Trust Energy AlphaDEX Fund	-1.36%
PXE	Invesco Dynamic Energy Exploration & Production ETF	-1.35%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	-1.30%
PPA	Invesco Aerospace & Defense ETF	-1.26%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XPH	SPDR S&P Pharmaceuticals ETF	31.77
IHE	iShares U.S. Pharmaceuticals ETF	33.35
PJP	Invesco Dynamic Pharmaceuticals ETF	34.45
XAR	SPDR S&P Aerospace & Defense ETF	35.51
FXU	First Trust Utilities AlphaDEX Fund	36.87
PPA	Invesco Aerospace & Defense ETF	37.66
RYU	Invesco S&P 500 Equal Weight Utilities ETF	38.33
IFRA	iShares U.S. Infrastructure ETF	38.35
KBWP	Invesco KBW Property & Casualty Insurance ETF	39.37
IYJ	iShares U.S. Industrials ETF	39.53

* 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	\$174M	\$1,522M	\$1,691M	\$2,261M
Consumer Discretionary	13	\$34B	\$271M	\$133M	\$150M	\$3,149M
Consumer Staples	12	\$22B	\$422M	\$1,217M	\$1,639M	(\$2,472M)
Energy	34	\$49B	\$787M	(\$2,524M)	\$1,171M	\$10,547M
Financials	28	\$77B	\$343M	(\$5,719M)	\$4,090M	\$20,916M
Health Care	25	\$93B	(\$8M)	\$5,540M	\$5,408M	\$3,295M
Industrial	14	\$36B	\$424M	(\$3,018M)	(\$1,719M)	\$4,634M
Materials	10	\$17B	\$220M	(\$2,667M)	\$2,257M	\$6,103M
Multi-Sector	16	\$26B	\$763M	\$371M	\$2,460M	\$3,447M
Real Estate	21	\$76B	\$131M	\$3,512M	\$8,213M	\$12,440M
Technology	24	\$146B	\$2,742M	\$5,804M	\$5,290M	\$2,819M
Utilities	10	\$21B	\$100M	\$1,754M	\$885M	\$576M

U.S. Sector & Industry Flow Leaders

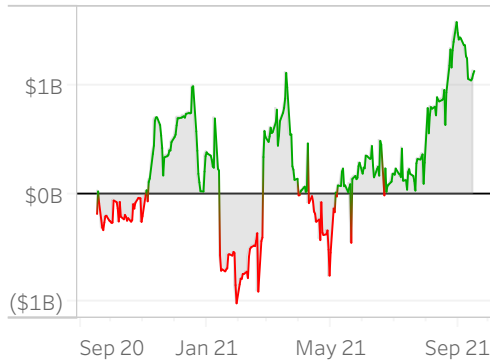
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IYW	iShares U.S. Technology ETF	\$888M	\$1,618M	\$1,535M	\$1,248M	\$9,918M
VGT	Vanguard Information Technology ETF	\$694M	\$1,904M	\$2,183M	\$1,914M	\$51,660M
FDN	First Trust Dow Jones Internet Index Fund	\$642M	\$389M	\$295M	(\$1,718M)	\$11,682M
XLE	Energy Select Sector SPDR Fund	\$592M	(\$648M)	\$766M	\$8,149M	\$23,571M
IYF	iShares U.S. Financials ETF	\$539M	\$345M	\$780M	\$907M	\$2,828M
IYC	iShares U.S. Consumer Services ETF	\$332M	\$127M	\$146M	\$350M	\$1,697M
XLK	Technology Select Sector SPDR Fund	\$305M	\$900M	\$680M	(\$1,742M)	\$45,797M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$256M	(\$852M)	(\$440M)	(\$405M)	\$3,219M
IYK	iShares U.S. Consumer Goods ETF	\$233M	\$233M	\$126M	\$175M	\$941M
IGV	iShares Expanded Tech-Software Sector ETF	\$228M	\$179M	(\$287M)	(\$1,047M)	\$5,735M

U.S. Sector & Industry Flow Laggards

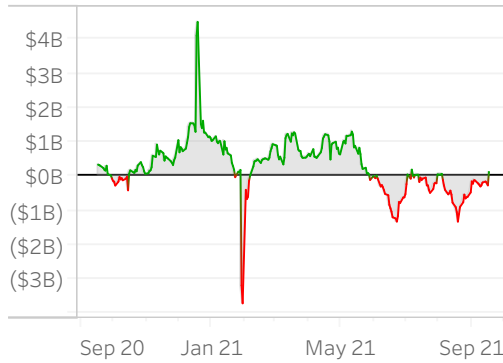
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	(\$326M)	\$3,631M	\$4,727M	\$3,001M	\$33,149M
VNQ	Vanguard Real Estate ETF	(\$192M)	\$682M	\$2,635M	\$5,383M	\$44,433M
IBB	iShares Biotechnology ETF	(\$128M)	(\$159M)	(\$365M)	(\$522M)	\$11,029M
XRT	SPDR S&P Retail ETF	(\$101M)	\$313M	\$399M	\$278M	\$1,064M
KBWB	Invesco KBW Bank ETF	(\$89M)	\$147M	\$712M	\$1,257M	\$2,760M
KRE	SPDR S&P Regional Banking ETF	(\$89M)	(\$1,402M)	\$273M	\$2,354M	\$4,267M
VDE	Vanguard Energy ETF	(\$54M)	(\$81M)	\$26M	\$657M	\$4,925M
XLF	Financial Select Sector SPDR Fund	(\$50M)	(\$3,866M)	(\$255M)	\$11,161M	\$41,013M
IYT	iShares US Transportation ETF	(\$50M)	(\$491M)	(\$352M)	\$147M	\$1,511M
ITB	iShares U.S. Home Construction ETF	(\$42M)	(\$368M)	(\$348M)	(\$527M)	\$2,233M

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

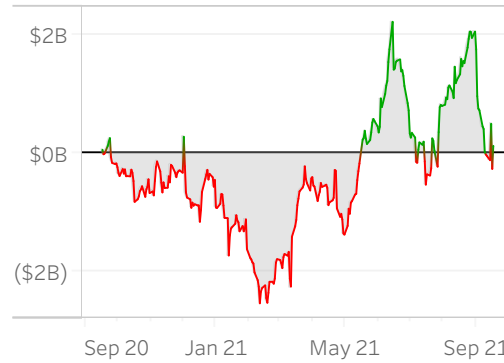
Communication Services



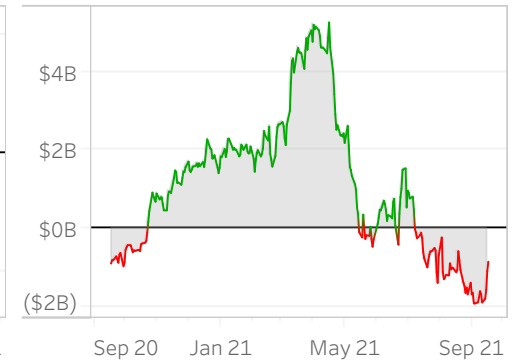
Consumer Discretionary



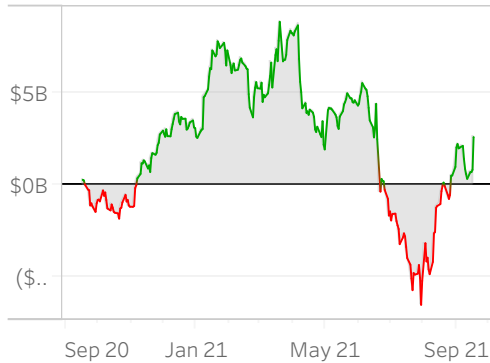
Consumer Staples



Energy



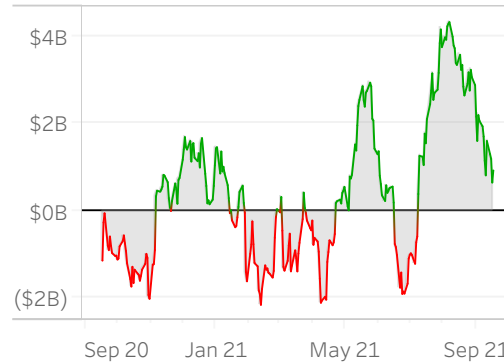
Financials



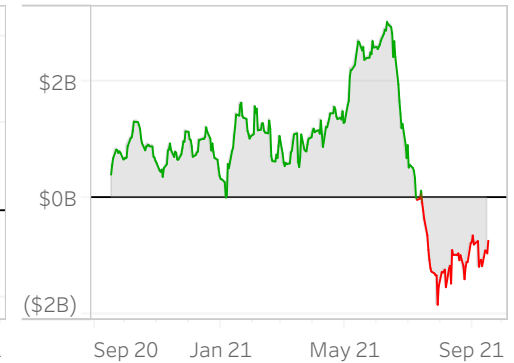
Industrial



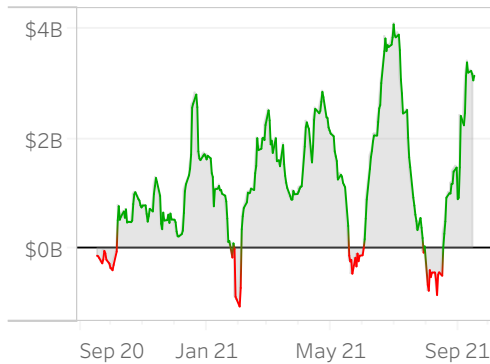
Health Care



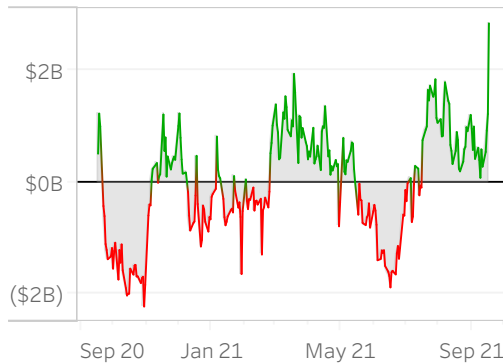
Materials



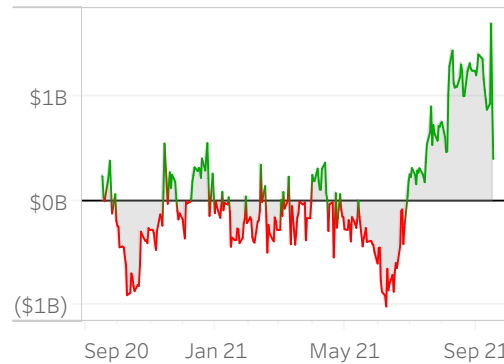
Real Estate



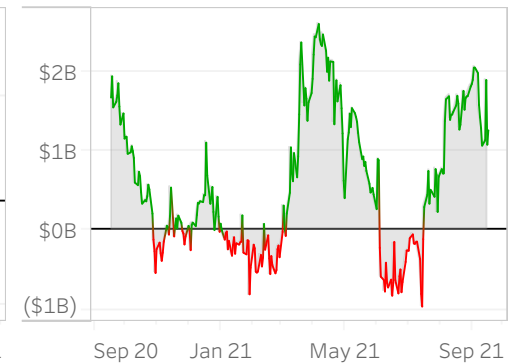
Technology



Utilities

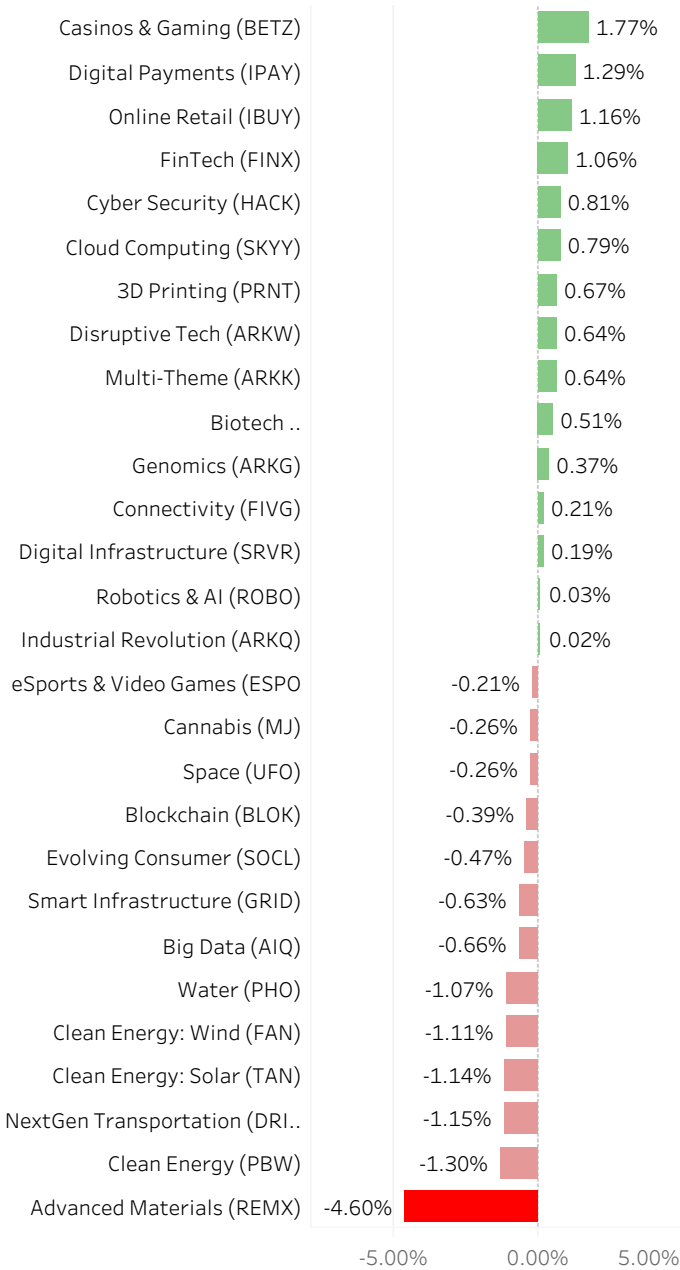


Multi-Sector

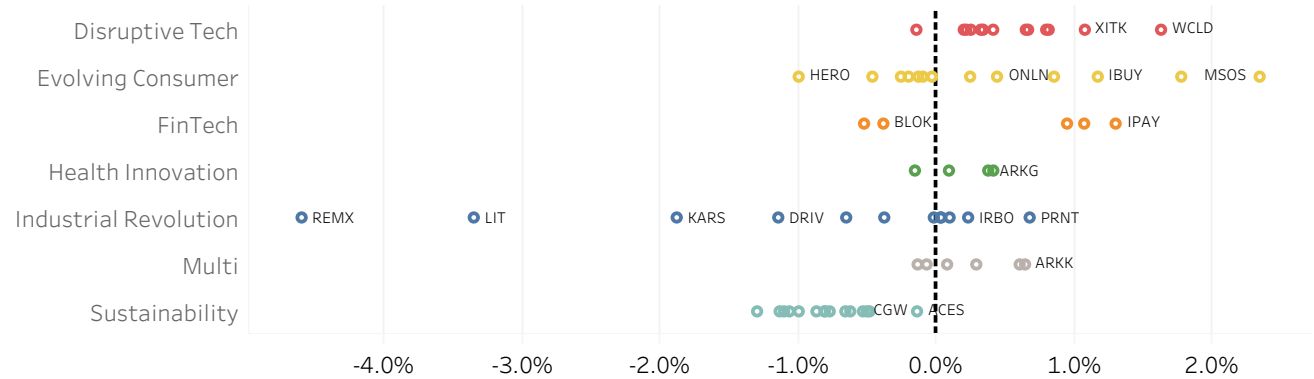


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
MSOS	AdvisorShares Pure US Cannabis ETF	2.34%
BETZ	Roundhill Sports Betting & iGaming ETF	1.77%
WCLD	WisdomTree Cloud Computing Fund	1.62%
GERM	ETFMG Treatments Testing and Advancements ETF	1.49%
POTX	Global X Cannabis ETF	1.30%
IPAY	ETFMG Prime Mobile Payments ETF	1.29%
IBUY	Amplify Online Retail ETF	1.16%
XITK	SPDR FactSet Innovative Technology ETF	1.07%
FINX	Global X FinTech ETF	1.06%
ARKF	ARK Fintech Innovation ETF	0.94%

Thematic Most Overbought

Ticker	Fund	Value
KLDW	Knowledge Leaders Developed World ETF	69.45
BOTZ	Global X Robotics & Artificial Intelligence ETF	68.73
QTUM	Defiance Quantum ETF	68.22
ROBO	ROBO Global Robotics & Automation Index ETF	65.36
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	62.48
IVES	Wedbush ETFMG Global Cloud Technology ETF	62.06
SKYY	First Trust Cloud Computing ETF	61.02
BETZ	Roundhill Sports Betting & iGaming ETF	61.00
NXTG	First Trust Indxx NextG ETF	60.63
TECB	iShares U.S. Tech Breakthrough Multisector ETF	59.81

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
REMX	VanEck Rare Earth/Strategic Metals ETF	-4.60%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-3.89%
LIT	Global X Lithium & Battery Tech ETF	-3.36%
KSTR	KraneShares SSE STAR Market 50 Index ETF	-2.76%
BATT	Amplify Lithium & Battery Technology ETF	-2.40%
KARS	KraneShares Electric Vehicles & Future Mobility Index E..	-1.89%
KFVG	KraneShares CICC China 5G & Semiconductor Index ETF	-1.76%
CTEC	Global X CleanTech ETF	-1.44%
RNRG	Global X Funds Global X Renewable Energy Producers ETF	-1.41%
PBW	Invesco WilderHill Clean Energy ETF	-1.30%

Thematic Most Oversold

Ticker	Fund	Value
KSTR	KraneShares SSE STAR Market 50 Index ETF	30.81
KFVG	KraneShares CICC China 5G & Semiconductor Index ETF	31.83
POTX	Global X Cannabis ETF	31.88
MJ	ETFMG Alternative Harvest ETF	32.47
THCX	Cannabis ETF	34.30
CNBS	Amplify Seymour Cannabis ETF	36.91
NERD	Roundhill BITKRAFT Esports & Digital Entertainment ETF	37.35
ERTH	Invesco MSCI Sustainable Future ETF	38.71
KGRN	KraneShares MSCI China Clean Technology Index ETF	38.74
YOLO	AdvisorShares Pure Cannabis ETF	39.13

* 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
SKYY	First Trust Cloud Computing ETF	\$738M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$464M
FIW	First Trust Water ETF	\$85M
PHO	Invesco Water Resources ETF	\$76M
BUG	Global X Cybersecurity ETF	\$69M
XT	iShares Exponential Technologies ETF	\$23M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$20M
LIT	Global X Lithium & Battery Tech ETF	\$17M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$15M
CGW	Invesco S&P Global Water Index ETF	\$14M

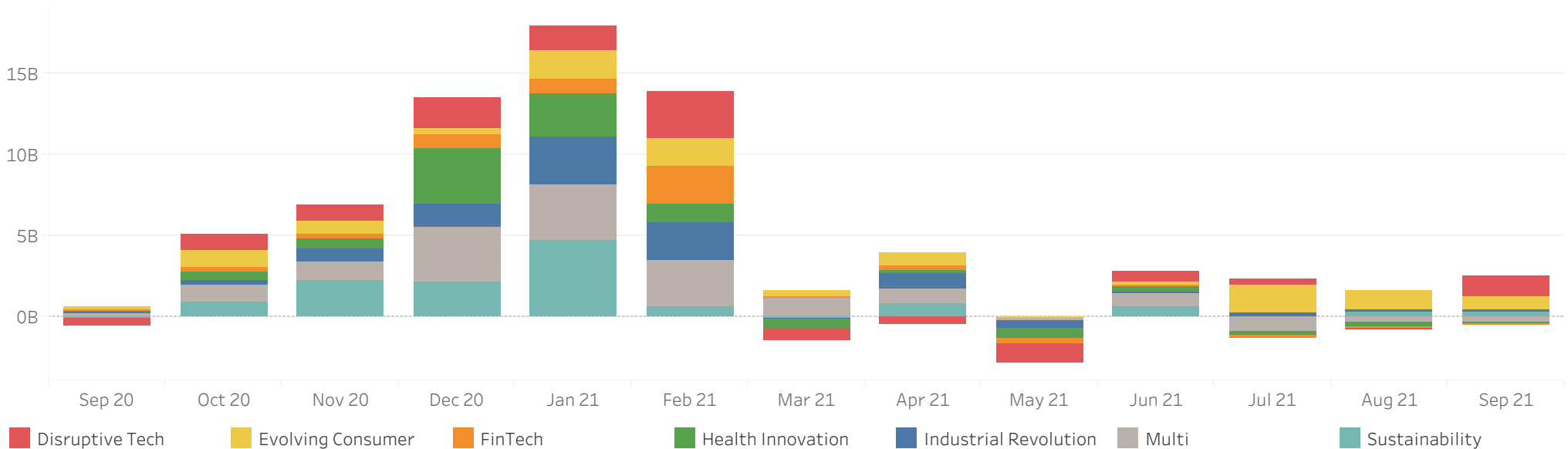
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKG	ARK Genomic Revolution ETF	(\$78M)
ARKW	ARK Next Generation Internet ETF	(\$74M)
KWEB	KraneShares CSI China Internet ETF	(\$58M)
ARKF	ARK Fintech Innovation ETF	(\$55M)
ESPO	VanEck Video Gaming and eSports ETF	(\$38M)
ARKK	ARK Innovation ETF	(\$31M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$21M)
MJ	ETFMG Alternative Harvest ETF	(\$14M)
GENY	Principal Millennials Index ETF	(\$13M)
IBUY	Amplify Online Retail ETF	(\$12M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	29	\$31B	\$1,183M	\$1,272M	\$426M	\$7,625M
Evolving Consumer	38	\$17B	(\$153M)	\$3,695M	\$4,813M	\$10,915M
FinTech	12	\$8B	(\$43M)	(\$170M)	(\$38M)	\$4,837M
Health Innovation	14	\$10B	(\$59M)	(\$312M)	(\$811M)	\$7,289M
Industrial Revolution	22	\$18B	(\$2M)	\$499M	\$1,170M	\$8,532M
Multi	27	\$30B	\$16M	(\$1,118M)	(\$640M)	\$13,203M
Sustainability	33	\$23B	\$167M	\$954M	\$2,137M	\$12,928M
Grand Total	175	\$136B	\$1,109M	\$4,819M	\$7,058M	\$65,329M

Thematic Monthly Flows

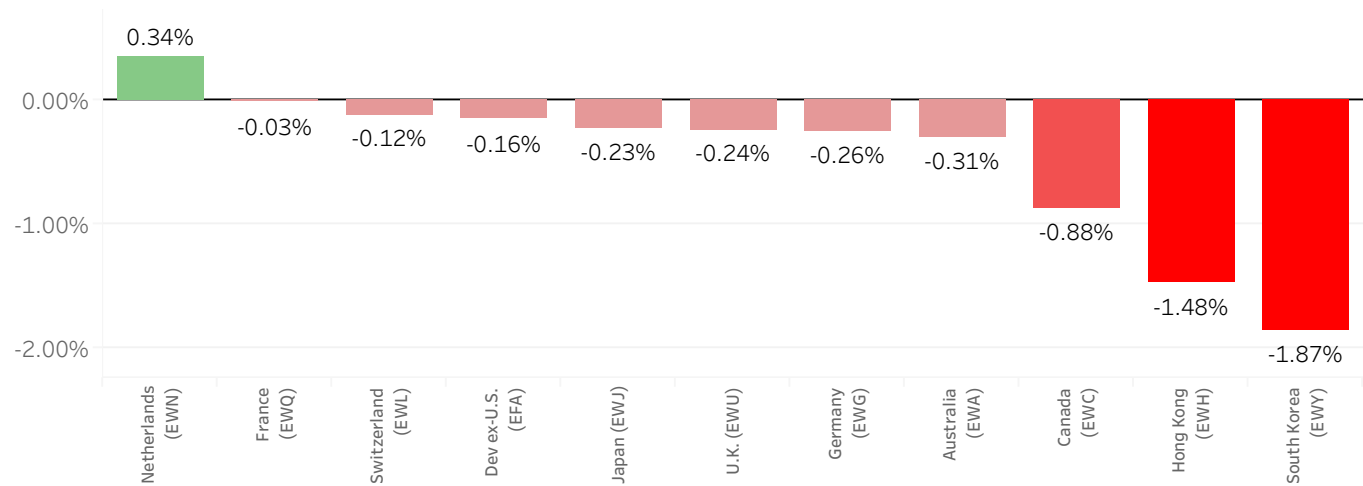


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

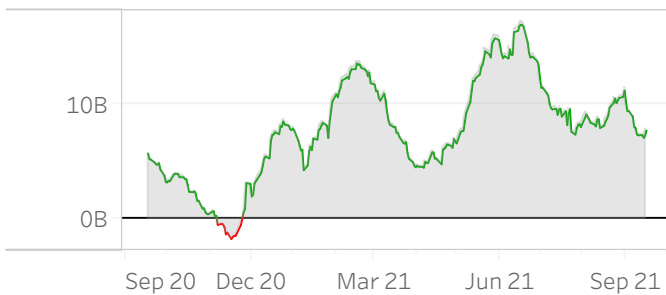
Developed ex-U.S. (EFA)



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



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



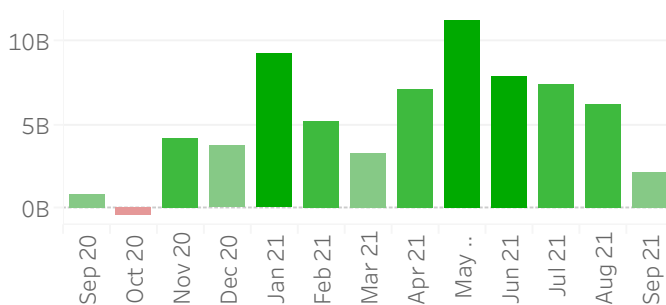
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EIRL	iShares MSCI Ireland ETF	1.46%
GREK	Global X MSCI Greece ETF	0.60%
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	0.52%
EDEN	iShares MSCI Denmark ETF	0.51%
EWUS	iShares MSCI United Kingdom Small Cap ETF	0.45%
EWN	iShares MSCI Netherlands ETF	0.34%
HEZU	iShares Currency Hedged MSCI Eurozone ETF	0.32%
HEFA	iShares Currency Hedged MSCI EAFE ETF	0.31%
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	0.31%
EWD	iShares MSCI Sweden ETF	0.29%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
DFJ	WisdomTree Japan SmallCap Dividend Fund	81.18
SCJ	iShares MSCI Japan Small-Cap ETF	80.42
JPXN	iShares JPX-Nikkei 400 ETF	77.09
FLJP	Franklin FTSE Japan ETF	75.35
HEWJ	iShares Currency Hedged MSCI Japan ETF	75.04
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	74.93
BBJP	JPMorgan BetaBuilders Japan ETF	74.77
EWJ	iShares MSCI Japan ETF	74.59
DXJ	WisdomTree Japan Hedged Equity Fund	73.51
IPAC	iShares Core MSCI Pacific ETF	67.91

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	-1.87%
FLKR	Franklin FTSE South Korea ETF	-1.80%
EWH	iShares MSCI Hong Kong ETF	-1.48%
AIA	iShares Asia 50 ETF	-1.25%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-1.12%
BBCA	JPMorgan BetaBuilders Canada ETF	-0.92%
EWC	iShares MSCI Canada ETF	-0.88%
EPP	iShares MSCI Pacific ex-Japan ETF	-0.84%
DTH	WisdomTree International High Dividend Fund	-0.80%
EWO	iShares MSCI Austria ETF	-0.78%

Developed ex-U.S. Most Oversold

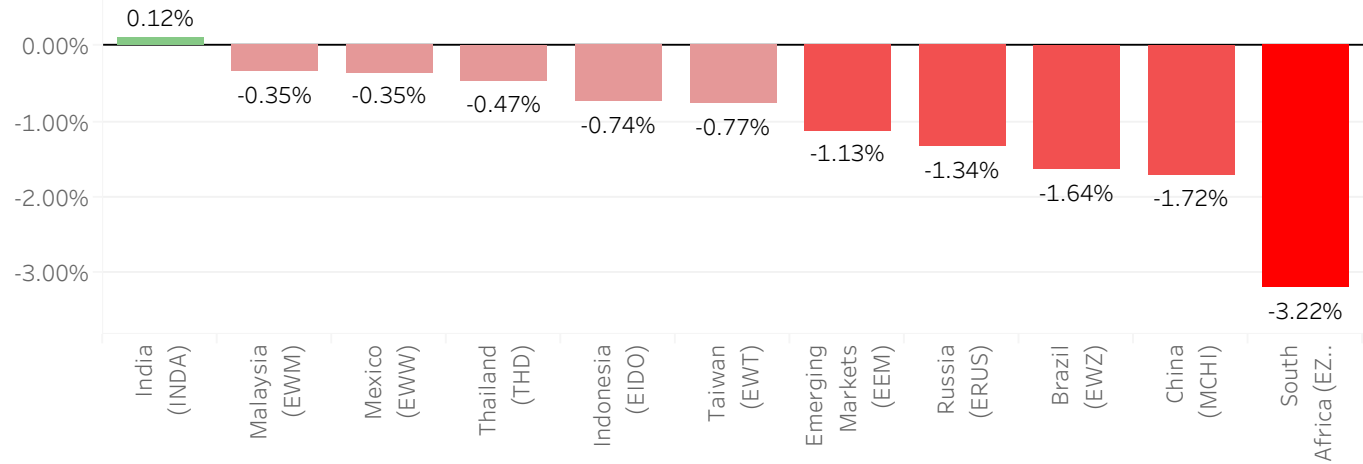
Ticker	Fund	Value
EWH	iShares MSCI Hong Kong ETF	24.63
EWL	iShares MSCI Switzerland ETF	32.27
AIA	iShares Asia 50 ETF	37.33
EPP	iShares MSCI Pacific ex-Japan ETF	38.35
BBAX	JPMorgan BetaBuilders Developed Asia ex-Japan ETF	38.49
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	39.32
EUDG	WisdomTree Europe Quality Dividend Growth Fund	39.76
FLKR	Franklin FTSE South Korea ETF	39.81
EWY	iShares MSCI South Korea ETF	40.27
DFE	WisdomTree Europe SmallCap Dividend Fund	40.56

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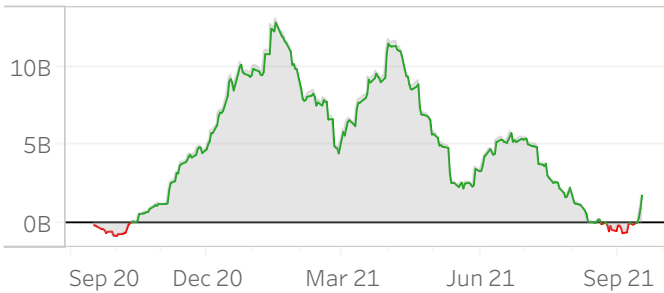
Emerging (EEM)



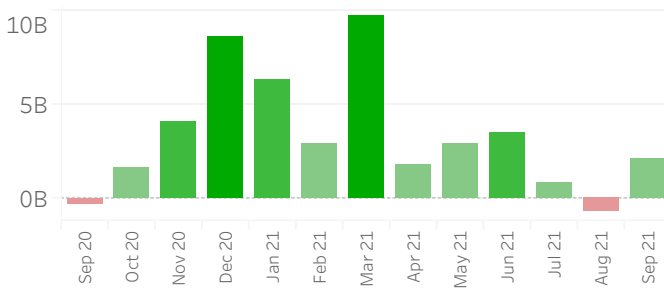
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
EPHE	iShares MSCI Philippines ETF	0.95%
INDY	iShares India 50 ETF	0.33%
SMIN	iShares MSCI India Small Cap ETF	0.20%
INDA	iShares MSCI India ETF	0.12%
EPI	WisdomTree India Earnings Fund	0.08%
QAT	iShares MSCI Qatar ETF	-0.05%
PIN	Invesco India ETF	-0.07%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	-0.15%
EWM	iShares MSCI Malaysia ETF	-0.35%
EWW	iShares MSCI Mexico ETF	-0.35%

Emerging Most Overbought

Ticker	Fund	Value
INDA	iShares MSCI India ETF	76.67
EPI	WisdomTree India Earnings Fund	76.02
SMIN	iShares MSCI India Small Cap ETF	75.32
PIN	Invesco India ETF	75.27
INDY	iShares India 50 ETF	72.73
NFTY	First Trust India NIFTY 50 Equal Weight ETF	71.44
GLIN	VanEck India Growth Leaders ETF	71.39
ERUS	iShares MSCI Russia ETF	63.21
EPHE	iShares MSCI Philippines ETF	61.49
EELV	Invesco S&P Emerging Markets Low Volatility ETF	61.18

Emerging 1-Day Performance Laggards

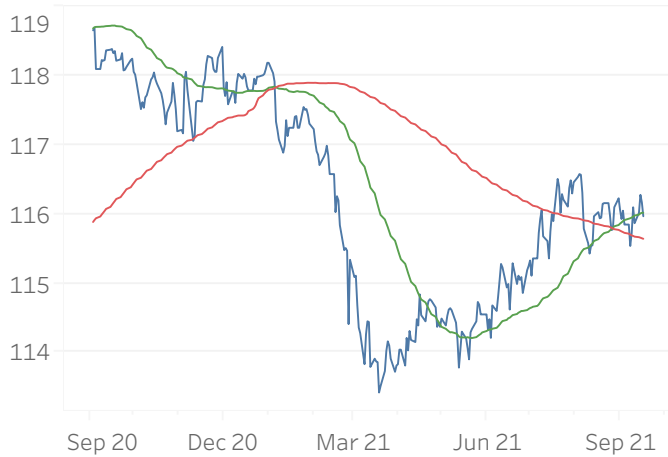
Ticker	Fund	Performance
ECNS	iShares MSCI China Small-Cap ETF	-3.51%
EZA	iShares MSCI South Africa ETF	-3.22%
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	-2.14%
KBA	KraneShares Bosera MSCI China A Share ETF	-2.08%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-2.05%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	-2.03%
EPU	iShares MSCI Peru ETF	-1.98%
FEM	First Trust Emerging Markets AlphaDEX Fund	-1.87%
CNYA	iShares MSCI China A ETF	-1.81%
MCHI	iShares MSCI China ETF	-1.72%

Emerging Most Oversold

Ticker	Fund	Value
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	36.33
MCHI	iShares MSCI China ETF	37.82
ECNS	iShares MSCI China Small-Cap ETF	37.98
BICK	First Trust BICK Index Fund	38.05
FLCH	Franklin FTSE China ETF	38.38
ILF	iShares Latin America 40 ETF	38.50
GXC	SPDR S&P China ETF	38.59
EWZ	iShares MSCI Brazil ETF	38.87
FXI	iShares China Large-Cap ETF	39.11
FLBR	Franklin FTSE Brazil ETF	39.39

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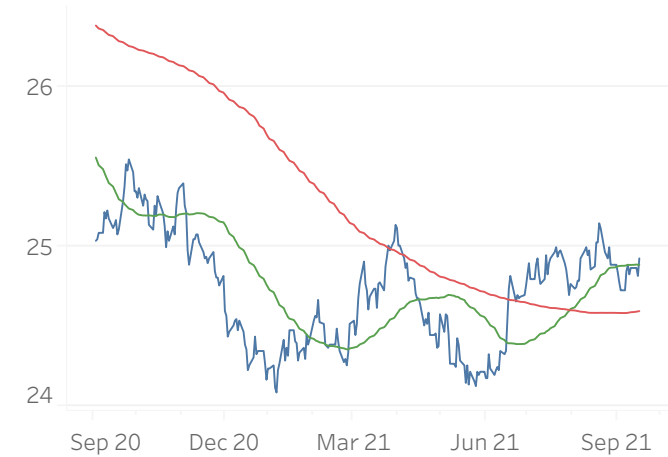
Fixed Income (AGG)



Commodities (DJP)



Currencies (UUP)



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

Fixed Income Performance

Ticker	Name	1 Day	1 Month	YTD
AGG	U.S. Aggregate	-0.17%	0.09%	-0.70%
SHY	1-3 Year Treasury Bonds	-0.03%	0.00%	-0.04%
IEF	7-10 Year Treasury Bonds	-0.32%	-0.50%	-2.09%
TLT	20+ Year Treasury Bonds	-0.46%	0.79%	-3.98%
TIP	TIPS Bonds	-0.16%	0.42%	4.32%
FLOT	Floating Rate Bonds	-0.04%	0.03%	0.40%
LQD	Investment Grade Corporate	-0.14%	0.54%	-0.28%
HYG	High Yield Corporate	-0.03%	1.02%	3.68%
BKLN	Senior Loan	-0.05%	0.88%	1.78%
PFF	Preferred & Income Securities	0.20%	0.62%	5.75%
MUB	Municipal Bonds	-0.06%	-0.16%	0.93%
MBB	MBS	-0.12%	0.06%	-0.47%
EMB	Dollar Denominated EM Bonds	-0.34%	0.78%	-0.14%
LEMB	Local Currency EM Bond	-0.44%	0.63%	-4.15%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-1.31%	4.24%	30.37%
DBE	Energy	-0.31%	7.26%	50.00%
USO	WTI Crude Oil	0.02%	7.78%	53.59%
BNO	Brent Crude Oil	0.20%	9.24%	53.34%
UNG	Natural Gas	-3.15%	33.36%	100.76%
UGA	Gasoline	-1.32%	4.69%	53.35%
DBP	Precious Metals	-2.66%	-2.55%	-10.29%
GLD	Gold	-2.26%	-1.91%	-8.03%
SLV	Silver	-3.72%	-3.85%	-13.51%
PPLT	Platinum	-0.49%	-8.54%	-13.18%
PALL	Palladium	1.08%	-21.75%	-17.23%
DBB	Base Metals	-1.17%	3.27%	22.77%
CPER	Copper	-3.30%	-1.29%	20.15%
LD	Lead	-1.55%	-5.30%	10.33%
JJN	Nickel	-3.70%	-1.10%	15.08%
JJU	Aluminum	-0.18%	10.88%	43.23%
JJT	Tin	0.69%	-3.35%	89.03%
DBA	Agriculture	-0.05%	-3.40%	16.17%
CORN	Corn	-1.00%	-5.94%	26.96%
SOYB	Soybeans	-0.13%	-3.72%	15.67%
WEAT	Wheat	-0.14%	-7.09%	12.28%
CANE	Sugar	-1.45%	0.42%	41.33%
BAL	Cotton	-0.68%	-1.95%	13.58%
NIB	Cocoa	-1.14%	1.23%	0.03%
JO	Coffee	0.12%	0.70%	38.41%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.44%	0.20%	2.85%
UDN	Short Dollar	-0.48%	-0.29%	-3.81%
FXE	Euro	-0.41%	-0.18%	-4.37%
FXB	British Pound Sterling	-0.42%	-0.40%	0.58%
FXF	Swiss Franc	-0.72%	-1.66%	-5.28%
FXJ	Japanese Yen	-0.36%	-0.53%	-6.32%
FXC	Canadian Dollar	-0.41%	-0.92%	0.00%
FXA	Australian Dollar	-0.58%	-0.74%	-5.74%

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