

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

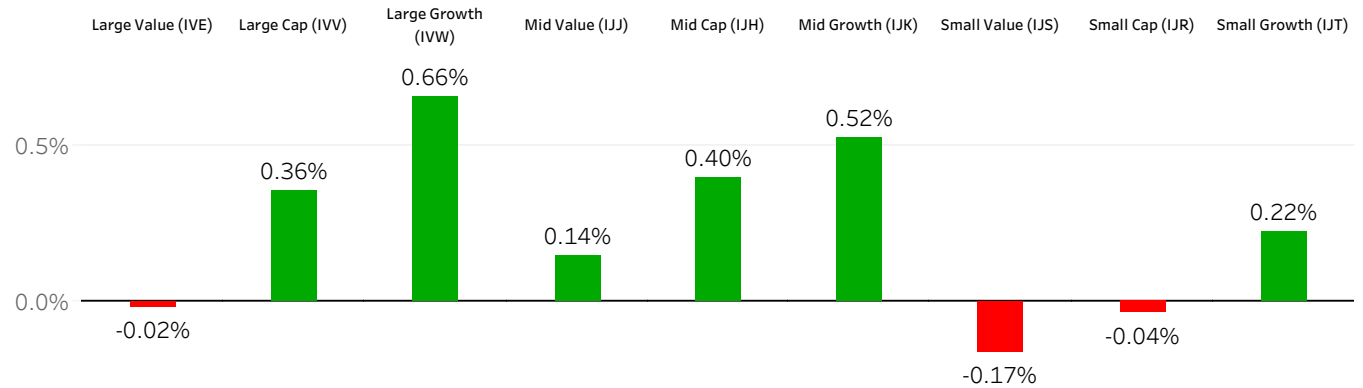


Small Cap Blend (S&P 600) IJR



■ 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
IPO	Renaissance IPO ETF	2.53%
BUZZ	VanEck Social Sentiment ETF	1.70%
FFTY	Innovator IBD 50 ETF	1.66%
DWEQ	AdvisorShares Dorsey Wright Alpha Equal Weight ETF	1.28%
FPX	First Trust US Equity Opportunities ETF	1.24%
IWP	iShares Russell Mid-Cap Growth ETF	1.23%
QQH	HCM Defender 100 Index ETF	1.14%
MMLG	First Trust Multi-Manager Large Growth ETF	1.13%
DFNV	TrimTabs Donoghue Forlines Risk Managed Innovation E..	1.07%
VOT	Vanguard Mid-Cap Growth ETF	1.06%

Size & Style Most Overbought

Ticker	Fund	Price
DIV	Global X SuperDividend US ETF	60.21
RZV	Invesco S&P Smallcap 600 Pure Value ETF	60.16
RYJ	Invesco Raymond James SB-1 Equity ETF	59.61
OSCV	Opus Small Cap Value ETF	59.28
DEEP	Roundhill Acquirers Deep Value ETF	58.51
DWAS	Invesco DWA SmallCap Momentum ETF	58.22
AVUV	Avantis U.S. Small Cap Value ETF	57.85
FYT	First Trust Small Cap Value AlphaDEX Fund	57.20
XSVM	Invesco S&P SmallCap Value with Momentum ETF	56.72
FDM	First Trust Dow Jones Select MicroCap Index Fund	56.54

Size & Style 1-Day Performance Laggards

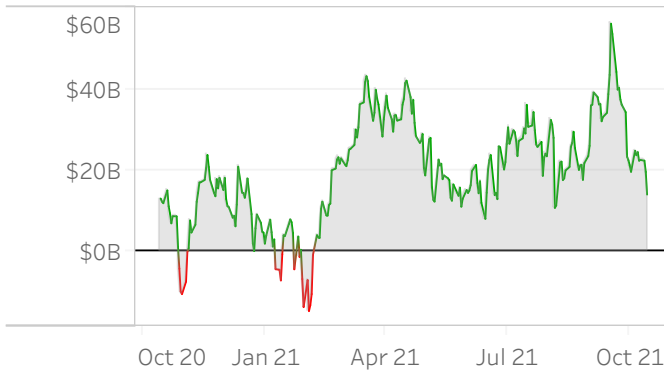
Ticker	Fund	Performance
RPV	Invesco S&P 500 Pure Value ETF	-0.61%
SVAL	iShares US Small Cap Value Factor ETF	-0.42%
PSC	Principal U.S. Small-Cap Multi-Factor ETF	-0.41%
SYLD	Cambria Shareholder Yield ETF	-0.37%
SPVU	Invesco S&P 500 Enhanced Value ETF	-0.34%
LSAF	LeaderShares AlphaFactor US Core Equity ETF	-0.32%
DUSA	Davis Select U.S. Equity ETF	-0.32%
SMDV	ProShares Russell 2000 Dividend Growers ETF	-0.32%
XSVM	Invesco S&P SmallCap Value with Momentum ETF	-0.29%
DGRS	WisdomTree US Smallcap Quality Dividend Growth Fund	-0.26%

Size & Style Most Oversold

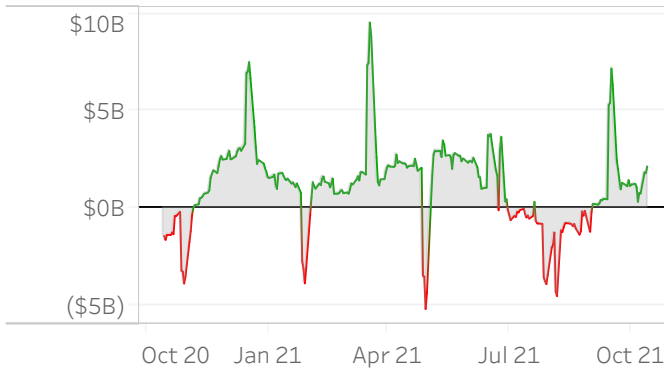
Ticker	Fund	Price
SPGP	Invesco S&P 500 GARP ETF	39.59
PWB	Invesco Dynamic Large Cap Growth ETF	39.90
HKND	Humankind US Stock ETF	40.18
ALTL	Pacer Lunt Large Cap Alternator ETF	40.92
FLQL	Franklin LibertyQ U.S. Equity ETF	42.11
OUSA	OShares U.S. Quality Dividend ETF	42.41
LRGF	iShares MSCI USA Multifactor ETF	42.78
HLAL	Wahed FTSE USA Shariah ETF	42.95
VALQ	American Century STOXX U.S. Quality Value ETF	42.95
FLLV	Franklin Liberty U.S. Low Volatility ETF	42.96

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

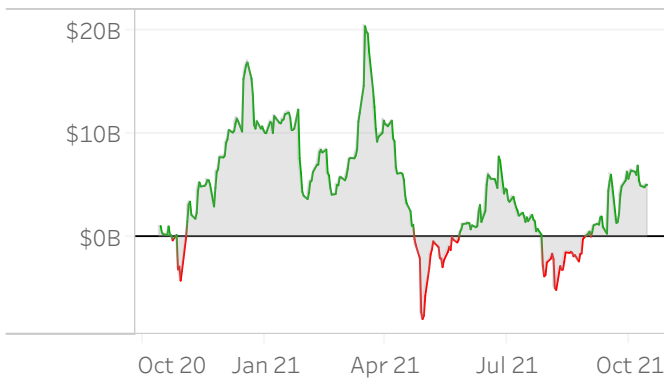
Large-Cap 30-Day Rolling Flows



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	\$1,238B	\$1.90B	\$27.86B	\$52.66B	\$84.99B
Mid Cap, Beta, Beta	10	\$185B	\$0.54B	\$0.86B	\$2.61B	\$9.29B
Large Cap, Beta Growth, Beta: Value	11	\$198B	\$0.34B	\$4.44B	\$11.92B	\$32.45B
Small Cap, Beta, Beta: Value	7	\$57B	\$0.14B	\$0.29B	\$0.94B	\$9.66B
Mid Cap, Beta, Beta: Value	6	\$41B	\$0.10B	\$0.35B	\$1.57B	\$4.37B
Mid Cap, Beta, Beta: Growth	6	\$39B	\$0.06B	\$0.03B	(\$1.00B)	(\$2.20B)
Small Cap, Beta, Beta: Growth	7	\$38B	(\$0.05B)	\$0.14B	(\$0.22B)	\$1.42B
Large Cap, Beta Growth, Beta: Growth	10	\$250B	(\$0.17B)	\$4.26B	\$7.92B	\$3.51B
Small Cap, Beta, Beta	12	\$217B	(\$0.37B)	\$4.21B	\$4.97B	\$24.47B

U.S. Size & Style Flow Leaders

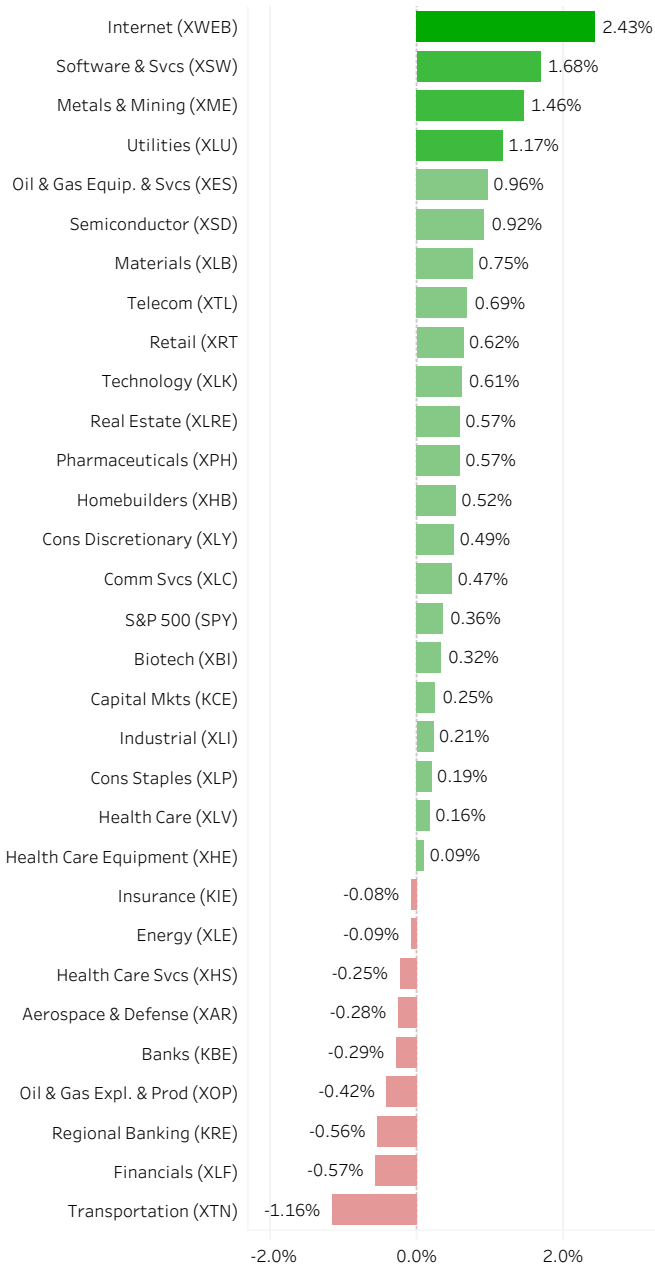
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$1.07B	\$6.73B	\$10.89B	\$14.13B	\$387.51B
NOBL	ProShares S&P 500 Dividend Aristocrats ETF	\$0.59B	\$0.82B	\$1.15B	\$1.65B	\$9.36B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.52B	(\$0.81B)	(\$0.39B)	\$0.88B	\$29.43B
QQQ	Invesco QQQ Trust	\$0.51B	\$4.71B	\$8.62B	\$8.10B	\$183.31B
MDY	SPDR S&P Midcap 400 ETF Trust	\$0.32B	(\$0.68B)	(\$0.76B)	(\$0.15B)	\$20.64B
FNDX	Schwab Fundamental US Large Co. Index ETF	\$0.30B	\$0.55B	\$0.89B	\$1.31B	\$7.77B
VTI	Vanguard Total Stock Market ETF	\$0.28B	\$11.05B	\$20.34B	\$45.36B	\$266.82B
PKW	Invesco Buyback Achievers ETF	\$0.26B	(\$0.45B)	(\$0.18B)	\$0.59B	\$1.67B
VOO	Vanguard S&P 500 ETF	\$0.25B	\$12.86B	\$23.16B	\$39.91B	\$250.73B
VTV	Vanguard Value ETF	\$0.17B	\$2.59B	\$7.68B	\$15.75B	\$84.43B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	(\$0.58B)	\$1.24B	(\$0.39B)	\$6.62B	\$67.66B
QUAL	iShares MSCI USA Quality Factor ETF	(\$0.32B)	\$0.43B	\$1.29B	(\$1.59B)	\$22.85B
IWF	iShares Russell 1000 Growth ETF	(\$0.22B)	\$1.02B	\$0.16B	(\$2.08B)	\$71.63B
IVV	iShares Core S&P 500 ETF	(\$0.19B)	(\$0.86B)	\$2.50B	\$10.25B	\$290.02B
IWO	iShares Russell 2000 Growth ETF	(\$0.06B)	\$0.13B	(\$0.04B)	(\$0.29B)	\$11.82B
VUG	Vanguard Growth ETF	(\$0.06B)	\$1.18B	\$2.92B	\$3.93B	\$81.95B
CDC	VictoryShares US EQ Income Enhanced Volatil..	(\$0.04B)	\$0.02B	\$0.07B	\$0.15B	\$0.94B
DFAU	Dimensional US Core Equity Market ETF	(\$0.03B)	\$0.24B	\$0.52B	\$1.12B	\$1.22B
RDIV	Invesco S&P Ultra Dividend Revenue ETF	(\$0.02B)	(\$0.04B)	(\$0.02B)	(\$0.09B)	\$0.69B
SIZE	iShares MSCI USA Size Factor ETF	(\$0.02B)	(\$0.16B)	(\$0.48B)	(\$0.41B)	\$0.57B

* 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)
XLE	Energy Select Sector SPDR Fund	-0.37%	103.39%	12.39%	13.47%	70.80
XLY	Consumer Discretionary Select Sector SPDR Fund	-0.89%	28.86%	1.26%	5.44%	55.85
XLF	Financial Select Sector SPDR Fund	-1.87%	62.18%	0.55%	7.46%	51.67
XLP	Consumer Staples Select Sector SPDR Fund	-3.81%	12.74%	-1.56%	1.55%	47.39
SPY	SPDR S&P 500 ETF Trust	-3.97%	33.27%	-1.72%	4.45%	45.85
XLI	Industrial Select Sector SPDR Fund	-5.22%	33.59%	-2.12%	0.81%	46.28
XLK	Technology Select Sector SPDR Fund	-5.28%	36.44%	-2.38%	5.86%	44.93
XLRE	Real Estate Select Sector SPDR Fund	-6.55%	34.02%	-2.05%	6.91%	47.92
XLU	Utilities Select Sector SPDR Fund	-7.14%	11.50%	-3.17%	0.32%	45.96
XLB	Materials Select Sector SPDR Fund	-7.63%	32.24%	-1.58%	0.97%	51.37
XLC	Communication Services Select Sector SPDR Fund	-7.74%	35.15%	-4.13%	2.26%	37.74
XLV	Health Care Select Sector SPDR Fund	-8.26%	23.49%	-5.10%	1.43%	33.16

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XWEB	SPDR S&P Internet ETF	2.43%
PSJ	Invesco Dynamic Software ETF	2.22%
PTF	Invesco DWA Technology Momentum ETF	2.14%
IGV	iShares Expanded Tech-Software Sector ETF	2.05%
PNQI	Invesco NASDAQ Internet ETF	1.70%
XSW	SPDR S&P Software & Services ETF	1.68%
QTEC	First Trust NASDAQ-100 Technology Sector Index ..	1.49%
FDN	First Trust Dow Jones Internet Index Fund	1.48%
XME	SPDR S&P Metals & Mining ETF	1.46%
XNTK	SPDR NYSE Technology ETF	1.40%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
FXN	First Trust Energy AlphaDEX Fund	75.50
RYE	Invesco S&P 500 Equal Weight Energy ETF	74.14
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	74.08
IYE	iShares U.S. Energy ETF	72.60
MLPX	Global X MLP & Energy Infrastructure ETF	72.17
ENFR	Alerian Energy Infrastructure ETF	71.72
PXE	Invesco Dynamic Energy Exploration & Production ETF	70.91
XLE	Energy Select Sector SPDR Fund	70.80
FTXN	First Trust Nasdaq Oil & Gas ETF	70.79
FENY	Fidelity MSCI Energy Index ETF	70.68

Sector & Industry 1 Day Performance Laggards

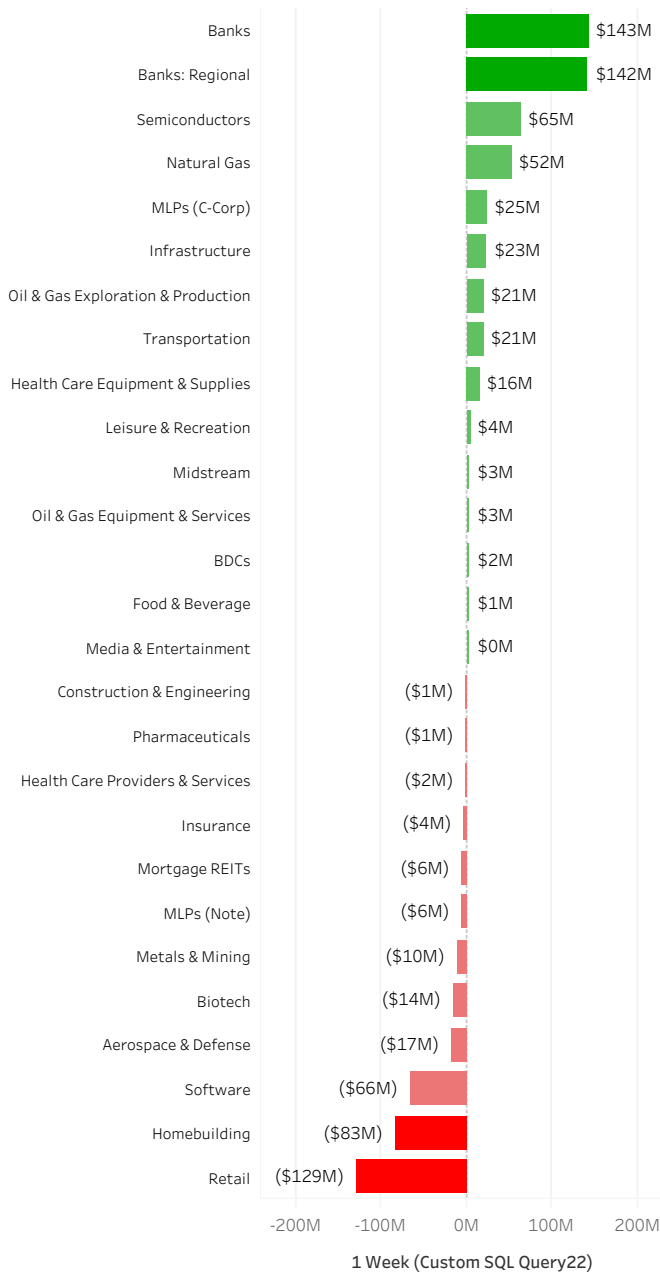
Ticker	Fund	1 Day Performance
XTN	SPDR S&P Transportation ETF	-1.16%
FTXN	First Trust Nasdaq Oil & Gas ETF	-0.83%
FTXO	First Trust Nasdaq Bank ETF	-0.83%
KBWB	Invesco KBW Bank ETF	-0.81%
KBWP	Invesco KBW Property & Casualty Insurance ETF	-0.61%
PSCI	Invesco S&P SmallCap Industrials ETF	-0.60%
IYG	iShares US Financial Services ETF	-0.59%
XLF	Financial Select Sector SPDR Fund	-0.57%
KRE	SPDR S&P Regional Banking ETF	-0.56%
RYF	Invesco S&P 500 Equal Weight Financials ETF	-0.54%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
FXH	First Trust Health Care AlphaDEX Fund	28.33
RYH	Invesco S&P 500 Equal Weight Health Care ETF	29.96
XHS	SPDR S&P Health Care Services ETF	31.08
PTH	Invesco DWA Healthcare Momentum ETF	31.71
JHMH	John Hancock Multifactor Healthcare ETF	31.89
VHT	Vanguard Health Care ETF	32.24
IBB	iShares Biotechnology ETF	32.55
FHLC	Fidelity MSCI Health Care Index ETF	32.90
IYZ	iShares U.S. Telecommunications ETF	32.99
SZNE	Pacer CFRA-Stovall Equal Weight Seasonal Rotation ETF	33.10

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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	\$21B	(\$970M)	\$1,125M	\$1,606M	\$2,007M
Consumer Discretionary	13	\$33B	(\$205M)	(\$663M)	(\$791M)	\$2,405M
Consumer Staples	12	\$20B	(\$87M)	\$713M	\$960M	(\$3,523M)
Energy	34	\$56B	\$554M	\$418M	\$656M	\$12,265M
Financials	28	\$81B	\$992M	\$1,789M	\$3,857M	\$23,829M
Health Care	25	\$85B	\$135M	\$962M	\$3,901M	\$2,187M
Industrial	14	\$34B	\$45M	(\$2,264M)	(\$4,030M)	\$2,855M
Materials	10	\$15B	(\$368M)	(\$2,602M)	\$146M	\$4,387M
Multi-Sector	16	\$24B	(\$48M)	\$380M	\$666M	\$2,909M
Real Estate	21	\$74B	(\$24M)	\$3,830M	\$6,277M	\$11,960M
Technology	24	\$138B	\$744M	\$3,424M	\$3,667M	\$3,968M
Utilities	10	\$19B	(\$5M)	\$838M	\$526M	\$228M

U.S. Sector & Industry Flow Leaders

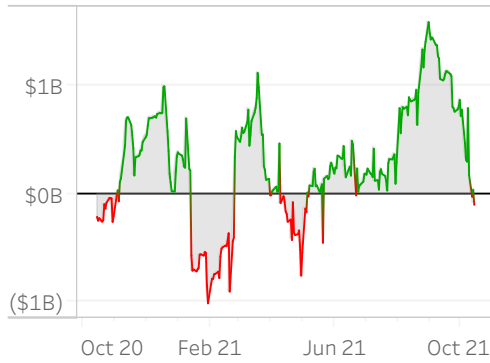
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	\$558M	\$757M	\$427M	\$12,092M	\$42,777M
XLK	Technology Select Sector SPDR Fund	\$448M	\$749M	\$387M	\$8M	\$43,861M
VGT	Vanguard Information Technology ETF	\$379M	\$1,068M	\$2,346M	\$2,090M	\$49,407M
XLE	Energy Select Sector SPDR Fund	\$359M	\$1,082M	\$1,194M	\$8,587M	\$27,301M
XLV	Health Care Select Sector SPDR Fund	\$180M	(\$238M)	\$2,852M	\$1,255M	\$29,490M
KBWB	Invesco KBW Bank ETF	\$143M	\$893M	\$749M	\$1,817M	\$3,386M
KRE	SPDR S&P Regional Banking ETF	\$126M	\$156M	\$719M	\$2,847M	\$5,269M
IYR	iShares U.S. Real Estate ETF	\$99M	\$1,892M	\$687M	\$2,104M	\$7,360M
VFH	Vanguard Financials ETF	\$88M	\$99M	\$474M	\$1,814M	\$11,316M
SOXX	iShares Semiconductor ETF	\$67M	\$331M	\$249M	\$1,925M	\$7,072M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLC	Communication Services Select Sector SPDR Fu..	(\$912M)	\$957M	\$837M	\$943M	\$14,547M
XLB	Materials Select Sector SPDR Fund	(\$318M)	(\$1,630M)	(\$459M)	\$1,787M	\$7,238M
XRT	SPDR S&P Retail ETF	(\$129M)	(\$390M)	\$166M	\$109M	\$777M
XLP	Consumer Staples Select Sector SPDR Fund	(\$88M)	\$419M	\$801M	(\$2,928M)	\$11,559M
XLRE	Real Estate Select Sector SPDR Fund	(\$88M)	\$589M	\$1,297M	\$1,314M	\$4,244M
ITB	iShares U.S. Home Construction ETF	(\$81M)	\$62M	(\$306M)	(\$564M)	\$2,245M
IYW	iShares U.S. Technology ETF	(\$77M)	\$641M	\$653M	\$520M	\$8,613M
IBB	iShares Biotechnology ETF	(\$70M)	(\$161M)	(\$104M)	(\$455M)	\$10,061M
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$64M)	\$30M	(\$1,020M)	\$2M	\$20,239M
IGV	iShares Expanded Tech-Software Sector ETF	(\$61M)	\$190M	(\$309M)	(\$1,238M)	\$5,441M

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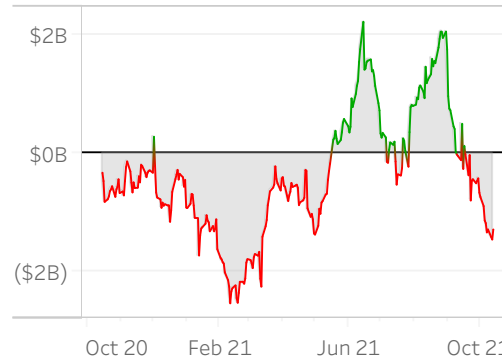
Communication Services



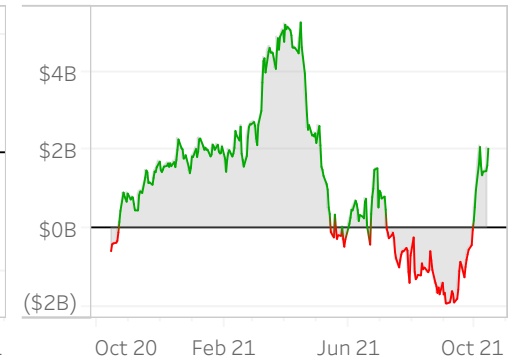
Consumer Discretionary



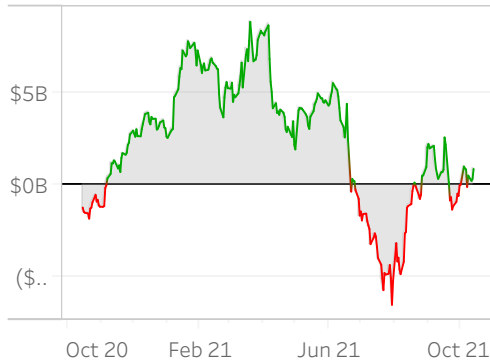
Consumer Staples



Energy



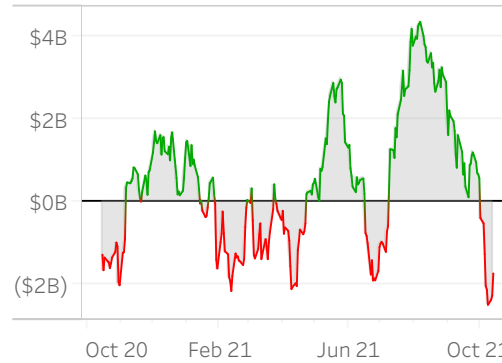
Financials



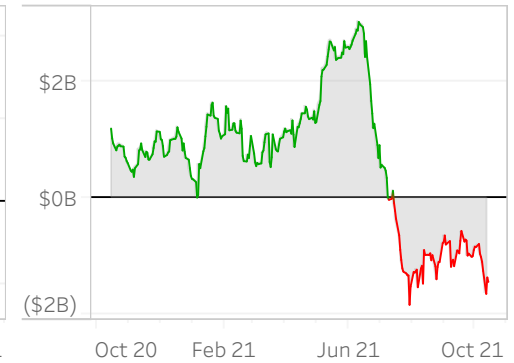
Industrial



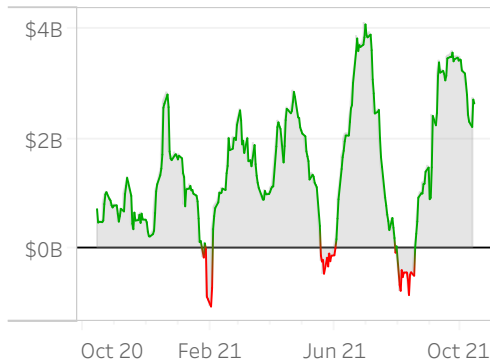
Health Care



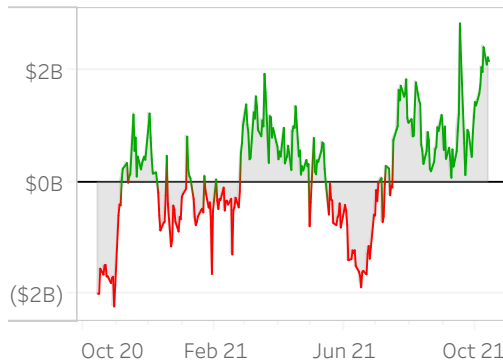
Materials



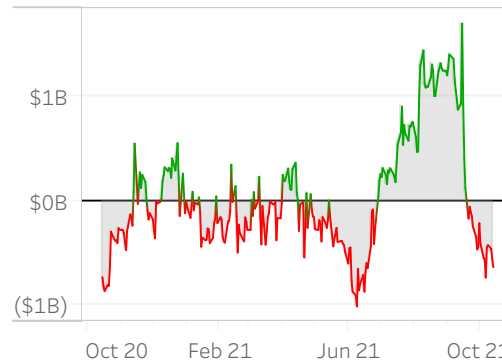
Real Estate



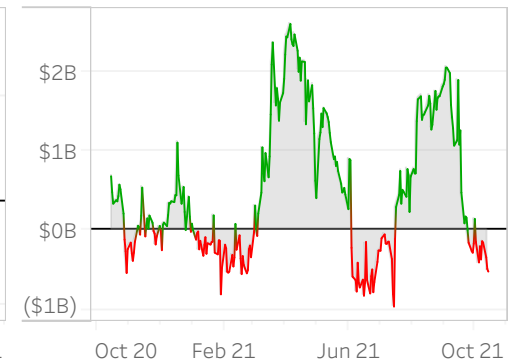
Technology



Utilities

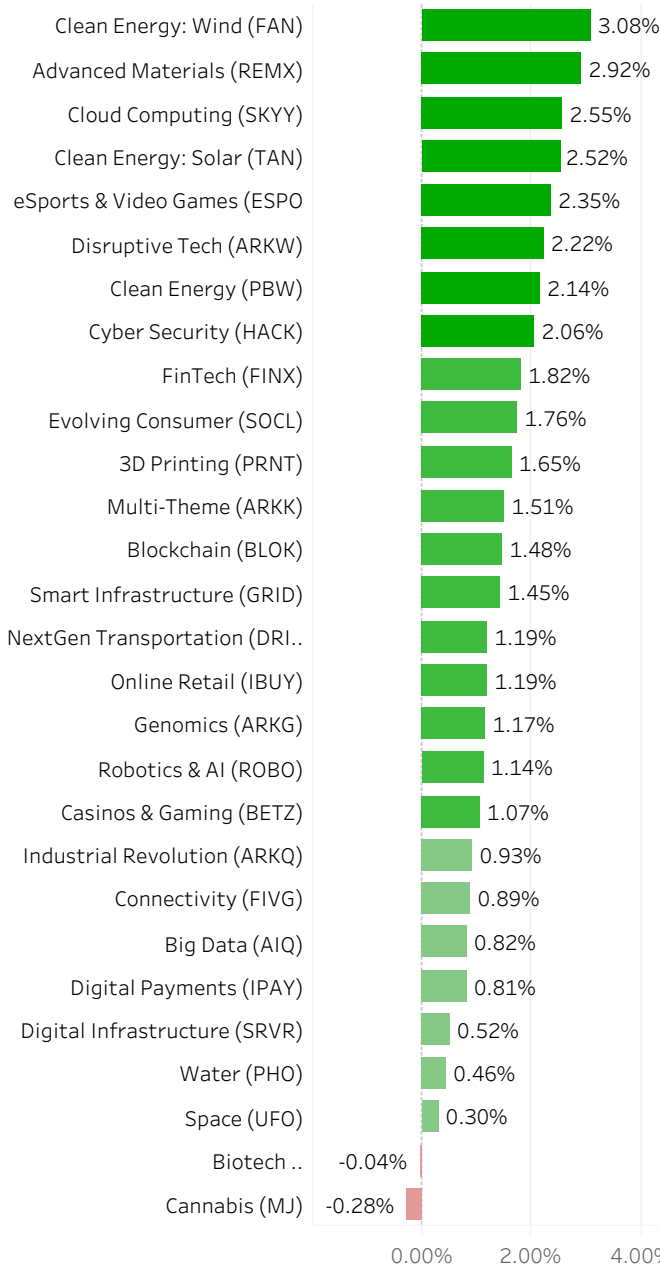


Multi-Sector

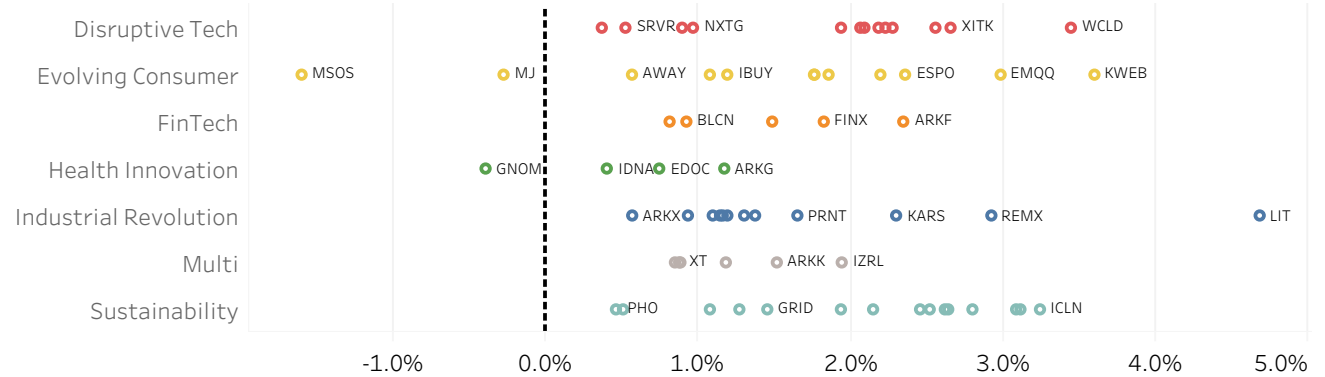


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance (%)
LIT	Global X Lithium & Battery Tech ETF	4.68%
CTEC	Global X CleanTech ETF	4.09%
KWEB	KraneShares CSI China Internet ETF	3.60%
WCLD	WisdomTree Cloud Computing Fund	3.44%
KFVG	KraneShares CICC China 5G & Semiconductor Index ETF	3.26%
ICLN	iShares Global Clean Energy ETF	3.24%
SMOG	VanEck Low Carbon Energy ETF	3.11%
FAN	First Trust Global Wind Energy ETF	3.08%
EMQQ	Emerging Markets Internet & Ecommerce ETF	2.98%
KSTR	KraneShares SSE STAR Market 50 Index ETF	2.93%

Thematic Most Overbought

Ticker	Fund	Value
CNRG	SPDR S&P Kensho Clean Power ETF	64.42
TAN	Invesco Solar ETF	63.49
ACES	ALPS Clean Energy ETF	62.75
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	60.90
ICLN	iShares Global Clean Energy ETF	60.64
CTEC	Global X CleanTech ETF	60.24
CIBR	First Trust NASDAQ Cybersecurity ETF	59.73
SKYY	First Trust Cloud Computing ETF	59.19
BATT	Amplify Lithium & Battery Technology ETF	58.55
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	58.35

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance (%)
MSOS	AdvisorShares Pure US Cannabis ETF	-1.61%
CNBS	Amplify Seymour Cannabis ETF	-0.48%
GNOM	Global X Genomics & Biotechnology ETF	-0.40%
THCX	Cannabis ETF	-0.33%
MJ	ETFMG Alternative Harvest ETF	-0.28%
YOLO	AdvisorShares Pure Cannabis ETF	-0.25%
SBIO	ALPS Medical Breakthroughs ETF	-0.04%
BTEC	Principal Healthcare Innovators Index ETF	0.12%
UFO	Procore Space ETF	0.30%
SNSR	Global X Internet of Things ETF	0.36%

Thematic Most Oversold

Ticker	Fund	Value
THCX	Cannabis ETF	31.70
GERM	ETFMG Treatments Testing and Advancements ETF	34.22
CNBS	Amplify Seymour Cannabis ETF	34.30
MSOS	AdvisorShares Pure US Cannabis ETF	35.40
IDNA	iShares Genomics Immunology and Healthcare ETF Geno..	35.67
AGNG	Global X Aging Population ETF	35.78
VPN	Global X Data Center REITs & Digital Infrastructure ETF	36.04
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR..	36.51
YOLO	AdvisorShares Pure Cannabis ETF	36.65
GNOM	Global X Genomics & Biotechnology ETF	36.68

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
KWEB	KraneShares CSI China Internet ETF	\$410M
AWAY	ETFMG Travel Tech ETF	\$27M
CLOU	Global X Cloud Computing ETF	\$16M
FIW	First Trust Water ETF	\$9M
BLOK	Amplify Transformational Data Sharing ETF	\$7M
BUG	Global X Cybersecurity ETF	\$4M
BITQ	Bitwise Crypto Industry Innovators ETF	\$4M
FIVG	Defiance Next Gen Connectivity ETF	\$4M
BKCH	Global X Blockchain ETF	\$4M
GENY	Principal Millennials Index ETF	\$3M

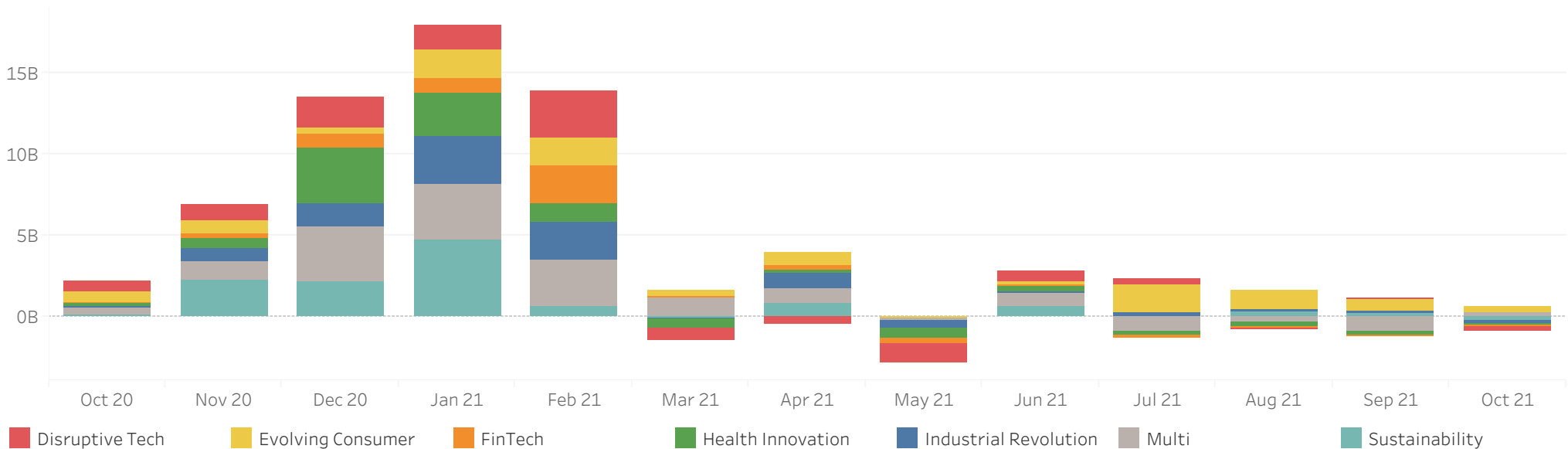
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$117M)
TAN	Invesco Solar ETF	(\$83M)
NXTG	First Trust Indxx NextG ETF	(\$80M)
KFVG	KraneShares CICC China 5G & Semiconductor Index ETF	(\$59M)
ARKW	ARK Next Generation Internet ETF	(\$57M)
PBW	Invesco WilderHill Clean Energy ETF	(\$37M)
ACES	ALPS Clean Energy ETF	(\$28M)
ICLN	iShares Global Clean Energy ETF	(\$23M)
ARKF	ARK Fintech Innovation ETF	(\$23M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$21M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	31	\$28B	(\$178M)	(\$202M)	(\$759M)	\$6,269M
Evolving Consumer	39	\$17B	\$351M	\$3,582M	\$4,531M	\$10,582M
FinTech	14	\$8B	(\$10M)	(\$369M)	(\$526M)	\$4,414M
Health Innovation	14	\$9B	\$2M	(\$809M)	(\$1,065M)	\$6,582M
Industrial Revolution	22	\$16B	(\$77M)	\$336M	\$71M	\$8,111M
Multi	28	\$28B	(\$180M)	(\$983M)	(\$1,698M)	\$12,246M
Sustainability	34	\$22B	(\$179M)	\$121M	\$1,356M	\$11,766M
Grand Total	182	\$128B	(\$271M)	\$1,676M	\$1,911M	\$59,970M

Thematic Monthly Flows

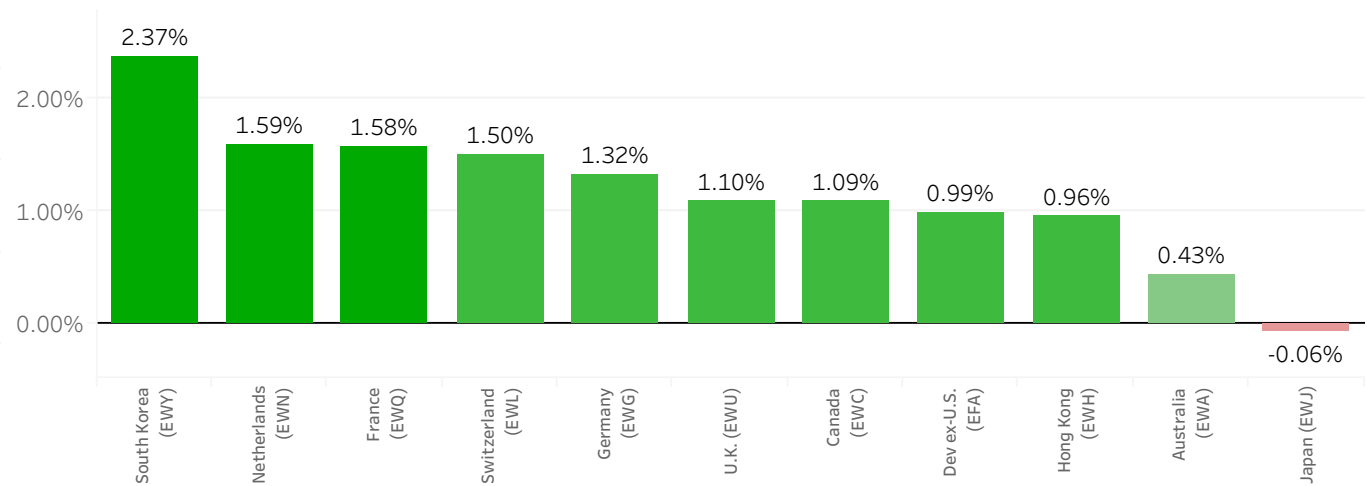


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

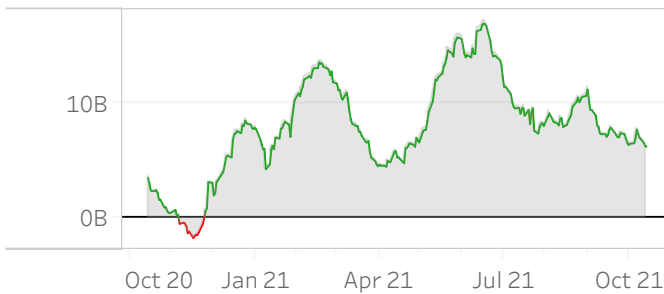
Developed ex-U.S. (EFA)



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



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



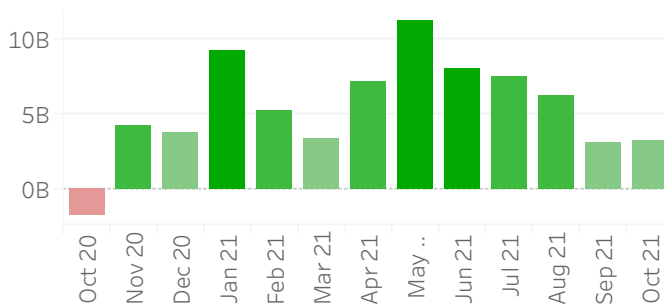
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EDEN	iShares MSCI Denmark ETF	3.13%
PIZ	Invesco DWA Developed Markets Momentum ETF	2.49%
FLKR	Franklin FTSE South Korea ETF	2.45%
EWD	iShares MSCI Sweden ETF	2.44%
EWY	iShares MSCI South Korea ETF	2.37%
EIS	iShares MSCI Israel ETF	2.08%
IEUS	iShares MSCI Europe Small-Cap ETF	2.05%
EWS	iShares MSCI Singapore ETF	2.03%
EIRL	iShares MSCI Ireland ETF	1.95%
FKU	First Trust United Kingdom AlphaDEX Fund	1.84%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWC	iShares MSCI Canada ETF	63.78
BBCA	JPMorgan BetaBuilders Canada ETF	63.17
EIS	iShares MSCI Israel ETF	61.49
EWS	iShares MSCI Singapore ETF	60.98
ISRA	VanEck Israel ETF	60.33
EWU	iShares MSCI United Kingdom ETF	59.78
FLGB	Franklin FTSE United Kingdom ETF	57.08
EWO	iShares MSCI Austria ETF	56.61
FIDI	Fidelity International High Dividend ETF	55.52
EWA	iShares MSCI Australia ETF	55.38

Developed ex-U.S. Monthly Flows



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

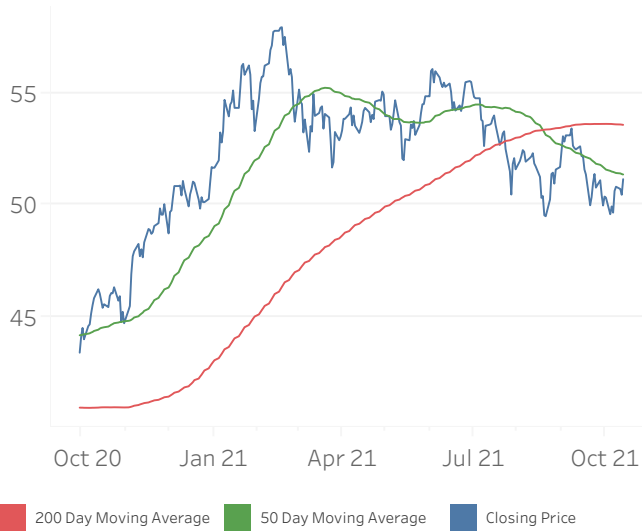
Ticker	Fund	1-Day Performance
DXJ	WisdomTree Japan Hedged Equity Fund	-0.78%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	-0.43%
HEWJ	iShares Currency Hedged MSCI Japan ETF	-0.38%
GREK	Global X MSCI Greece ETF	-0.18%
DFJ	WisdomTree Japan SmallCap Dividend Fund	-0.17%
JPXN	iShares JPX-Nikkei 400 ETF	-0.17%
FLJP	Franklin FTSE Japan ETF	-0.10%
EWJV	iShares MSCI Japan Value ETF	-0.09%
EWJ	iShares MSCI Japan ETF	-0.06%
BBJP	JPMorgan BetaBuilders Japan ETF	-0.05%

Developed ex-U.S. Most Oversold

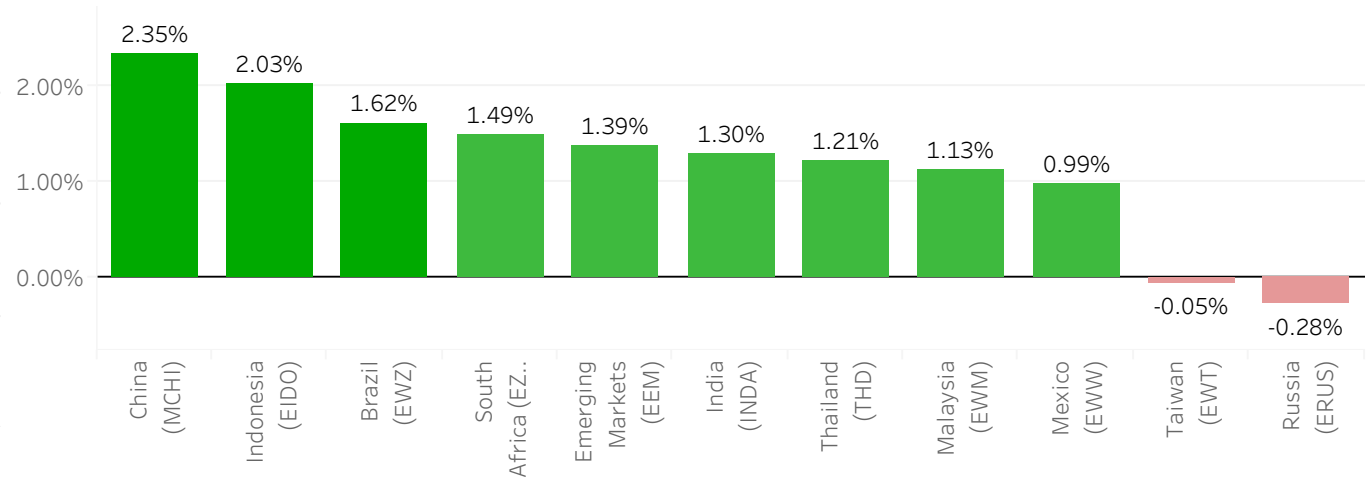
Ticker	Fund	Value
DFJ	WisdomTree Japan SmallCap Dividend Fund	30.01
SCJ	iShares MSCI Japan Small-Cap ETF	30.57
JPXN	iShares JPX-Nikkei 400 ETF	33.73
EWJ	iShares MSCI Japan ETF	34.10
BBJP	JPMorgan BetaBuilders Japan ETF	34.32
FLJP	Franklin FTSE Japan ETF	34.38
VPL	Vanguard FTSE Pacific ETF	37.15
PDEV	Principal International Multi-Factor ETF	37.43
IPAC	iShares Core MSCI Pacific ETF	37.50
EFAV	iShares MSCI EAFE Min Vol Factor ETF	38.10

* 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



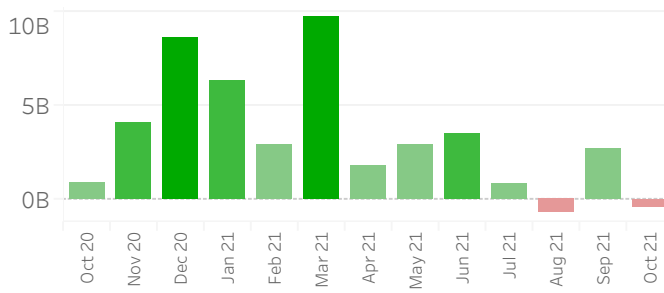
Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
EWZS	iShares MSCI Brazil Small-Cap ETF	3.79%
FNI	First Trust Chindia ETF	2.84%
PGJ	Invesco Golden Dragon China ETF	2.70%
KBA	KraneShares Boser MSCI China A Share ETF	2.60%
CNYA	iShares MSCI China A ETF	2.44%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	2.37%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	2.36%
MCHI	iShares MSCI China ETF	2.35%
FLCH	Franklin FTSE China ETF	2.23%
GXC	SPDR S&P China ETF	2.18%

Emerging Most Overbought

Ticker	Fund	Value
EIDO	iShares MSCI Indonesia ETF	82.97
QAT	iShares MSCI Qatar ETF	75.93
RSX	VanEck Russia ETF	71.52
ERUS	iShares MSCI Russia ETF	71.46
EWM	iShares MSCI Malaysia ETF	71.46
EPU	iShares MSCI Peru ETF	70.23
EPHE	iShares MSCI Philippines ETF	69.50
SMIN	iShares MSCI India Small Cap ETF	68.21
KSA	iShares MSCI Saudi Arabia ETF	67.67
FM	iShares MSCI Frontier and Select EM ETF	67.31

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
ECH	iShares MSCI Chile ETF	-1.73%
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	-0.42%
TUR	iShares MSCI Turkey ETF	-0.38%
ERUS	iShares MSCI Russia ETF	-0.28%
EPOL	iShares MSCI Poland ETF	-0.21%
RSX	VanEck Russia ETF	-0.06%
EWT	iShares MSCI Taiwan ETF	-0.05%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	0.09%
PIE	Invesco DWA Emerging Markets Momentum ETF	0.30%
DEM	WisdomTree Emerging Markets High Dividend Fund	0.34%

Emerging Most Oversold

Ticker	Fund	Value
ECH	iShares MSCI Chile ETF	23.04
EWT	iShares MSCI Taiwan ETF	36.13
TUR	iShares MSCI Turkey ETF	37.31
PIE	Invesco DWA Emerging Markets Momentum ETF	38.71
FEMS	First Trust Emerging Markets Small Cap AlphaDEX F..	40.10
ILF	iShares Latin America 40 ETF	41.58
FRDM	Freedom 100 Emerging Markets ETF	42.47
DGS	WisdomTree Emerging Markets SmallCap Dividend F..	43.04
EYLD	Cambria Emerging Shareholder Yield ETF	43.60
EWZ	iShares MSCI Brazil ETF	44.30

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

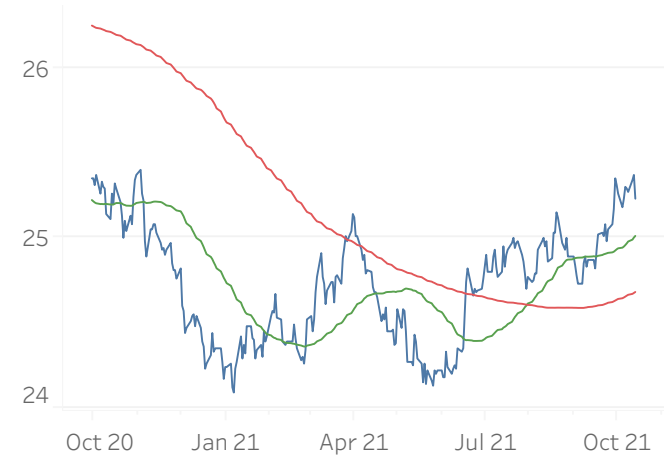
Fixed Income (AGG)



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%	-1.04%	-1.69%
SHY	1-3 Year Treasury Bonds	-0.03%	-0.25%	-0.27%
IEF	7-10 Year Treasury Bonds	0.19%	-1.70%	-3.65%
TLT	20+ Year Treasury Bonds	0.97%	-2.53%	-6.77%
TIP	TIPS Bonds	0.45%	-0.14%	4.22%
FLOT	Floating Rate Bonds	-0.04%	-0.03%	0.41%
LQD	Investment Grade Corporate	0.51%	-1.68%	-2.00%
HYG	High Yield Corporate	0.27%	-1.00%	2.57%
BKLN	Senior Loan	0.09%	0.21%	1.86%
PFF	Preferred & Income Securities	0.57%	-0.77%	4.41%
MUB	Municipal Bonds	0.00%	-0.71%	0.28%
MBB	MBS	0.11%	-0.56%	-0.94%
EMB	Dollar Denominated EM Bonds	0.63%	-2.76%	-2.74%
LEMB	Local Currency EM Bond	0.47%	-2.67%	-6.48%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.97%	6.69%	37.63%
DBE	Energy	0.61%	13.42%	67.44%
USO	WTI Crude Oil	0.09%	13.50%	70.13%
BNO	Brent Crude Oil	-0.09%	14.09%	70.42%
UNG	Natural Gas	3.71%	8.07%	112.61%
UGA	Gasoline	0.96%	13.71%	73.34%
DBP	Precious Metals	2.08%	-0.74%	-8.60%
GLD	Gold	1.78%	-0.09%	-6.04%
SLV	Silver	1.91%	-3.00%	-13.19%
PPLT	Platinum	1.05%	6.09%	-5.39%
PALL	Palladium	2.51%	1.05%	-14.41%
DBB	Base Metals	2.36%	5.56%	30.88%
CPER	Copper	4.28%	3.15%	26.68%
LD	Lead	1.87%	-1.72%	13.10%
JJN	Nickel	1.34%	-4.17%	13.33%
JJU	Aluminum	-1.24%	5.45%	51.13%
JJT	Tin	1.01%	10.26%	103.81%
DBA	Agriculture	-1.55%	2.75%	18.03%
CORN	Corn	-2.15%	0.93%	25.35%
SOYB	Soybeans	-0.42%	-5.80%	8.37%
WEAT	Wheat	-2.22%	4.91%	13.89%
CANE	Sugar	-0.68%	0.74%	41.03%
BAL	Cotton	-2.26%	11.81%	27.19%
NIB	Cocoa	-3.05%	-1.14%	-1.59%
JO	Coffee	-2.62%	11.49%	53.25%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.55%	1.45%	4.08%
UDN	Short Dollar	0.54%	-1.62%	-5.14%
FXE	Euro	0.55%	-1.88%	-5.83%
FXB	British Pound Sterling	0.48%	-1.26%	-0.39%
FXF	Swiss Franc	0.73%	-0.14%	-5.02%
FXJ	Japanese Yen	0.31%	-2.91%	-9.30%
FXC	Canadian Dollar	0.17%	1.78%	1.98%
FXA	Australian Dollar	0.36%	0.17%	-4.63%

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