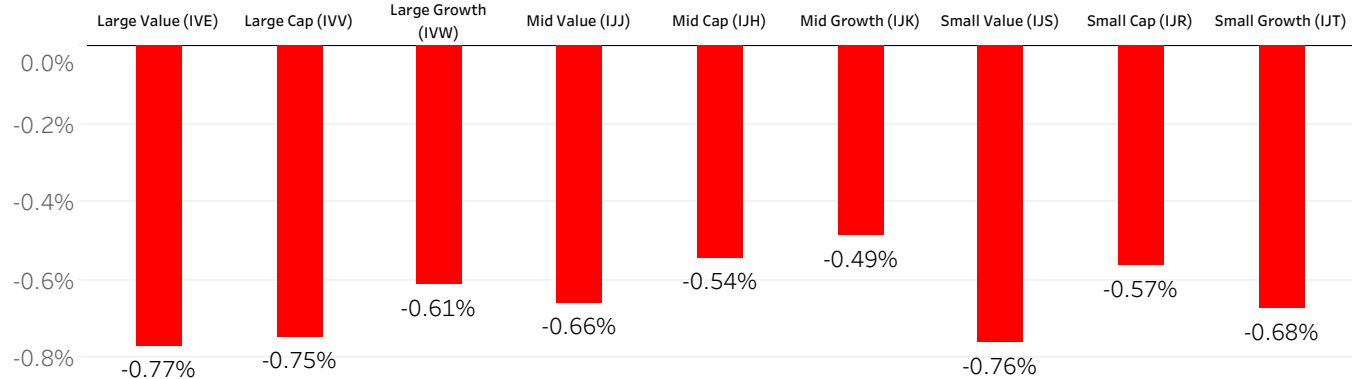


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



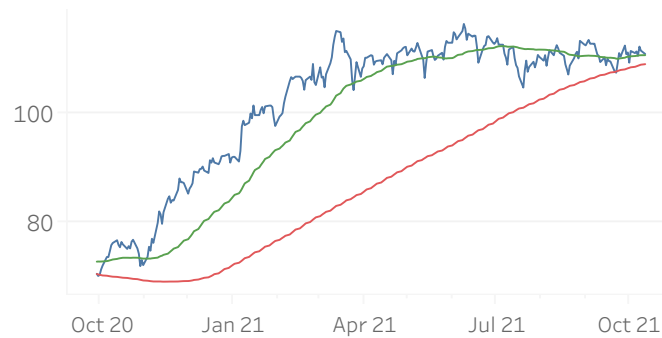
Size & Style 1-Day Performance Leaders

Ticker	Fund	Performance
TPHD	Timothy Plan High Dividend Stock ETF	0.16%
CSML	IQ Chaikin U.S. Small Cap ETF	0.15%
DIV	Global X SuperDividend US ETF	0.15%
FEVR	Inspire Faithward Large Cap Momentum ESG ETF	-0.08%
RYJ	Invesco Raymond James SB-1 Equity ETF	-0.08%
AIEQ	AI Powered Equity ETF	-0.09%
MOAT	VanEck Morningstar Wide Moat ETF	-0.09%
QSY	WisdomTree U.S. Quality Shareholder Yield Fund	-0.10%
LSAF	LeaderShares AlphaFactor US Core Equity ETF	-0.13%
CDL	VictoryShares US Large Cap High Dividend Volatility Wt..	-0.18%

Size & Style Most Overbought

Ticker	Fund	Value
RZV	Invesco S&P Smallcap 600 Pure Value ETF	62.69
AVUV	Avantis U.S. Small Cap Value ETF	60.71
PWV	Invesco Dynamic Large Cap Value ETF	60.35
DEEP	Roundhill Acquirers Deep Value ETF	60.27
SVAL	iShares US Small Cap Value Factor ETF	59.99
RPV	Invesco S&P 500 Pure Value ETF	59.78
PEY	Invesco High Yield Equity Dividend Achievers ETF	59.12
XSVM	Invesco S&P SmallCap Value with Momentum ETF	59.03
FDM	First Trust Dow Jones Select MicroCap Index Fund	58.95
VFVA	Vanguard U.S. Value Factor ETF	58.58

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	Performance
LGH	HCM Defender 500 Index ETF	-1.19%
GVIP	Goldman Sachs Hedge Industry VIP ETF	-1.18%
MMLG	First Trust Multi-Manager Large Growth ETF	-1.16%
CSD	Invesco S&P Spin-Off ETF	-1.11%
XSMO	Invesco S&P SmallCap Momentum ETF	-1.09%
ACSI	American Customer Satisfaction ETF	-1.06%
CSF	VictoryShares US Discovery Enhanced Volatility Wtd ETF	-1.06%
XMHQ	Invesco S&P MidCap Quality ETF	-1.03%
QQXT	First Trust Nasdaq-100 Ex-Technology Sector Index Fund	-1.01%
DUSA	Davis Select U.S. Equity ETF	-0.99%

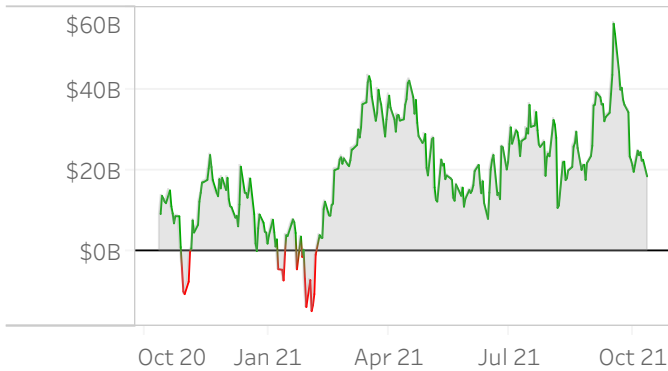
Size & Style Most Oversold

Ticker	Fund	Value
DFNV	TrimTabs Donoghue Forlines Risk Managed Innovati..	38.76
JSML	Janus Henderson Small Cap Growth Alpha ETF	38.99
QGRO	American Century STOXX U.S. Quality Growth ETF	39.47
JSMD	Janus Henderson Small/Mid Cap Growth Alpha ETF	40.22
PDP	Invesco DWA Momentum ETF	40.62
SPGP	Invesco S&P 500 GARP ETF	40.87
FCTR	First Trust Lunt U.S. Factor Rotation ETF	41.03
NUMG	Nuveen ESG Mid-Cap Growth ETF	41.13
ALTL	Pacer Lunt Large Cap Alternator ETF	41.31
BIBL	Inspire 100 ETF	41.43

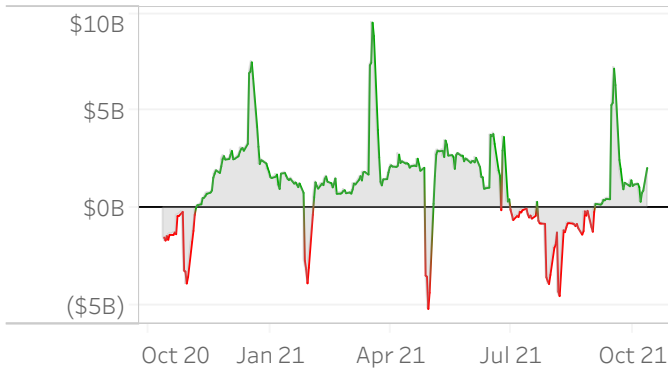
■ Closing Price
 ■ 50 Day Moving Average
 ■ 200 Day Moving Average

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

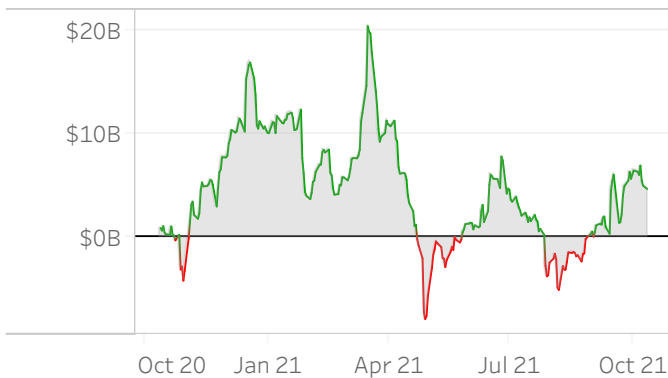
Large-Cap 30-Day Rolling Flows



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	\$1,251B	\$2.51B	\$28.37B	\$55.09B	\$85.09B
Small Cap, Beta, Beta: Value	7	\$57B	\$0.60B	\$0.15B	\$0.87B	\$9.56B
Large Cap, Beta Growth, Beta: Value	11	\$200B	\$0.60B	\$4.22B	\$11.96B	\$32.32B
Mid Cap, Beta, Beta	10	\$184B	\$0.44B	\$0.39B	\$2.40B	\$8.67B
Small Cap, Beta, Beta	12	\$217B	\$0.23B	\$3.78B	\$4.87B	\$24.28B
Mid Cap, Beta, Beta: Value	6	\$41B	\$0.17B	\$0.19B	\$1.58B	\$4.34B
Mid Cap, Beta, Beta: Growth	6	\$39B	\$0.03B	(\$0.07B)	(\$1.05B)	(\$2.26B)
Small Cap, Beta, Beta: Growth	7	\$38B	(\$0.09B)	\$0.17B	(\$0.24B)	\$1.57B
Large Cap, Beta Growth, Beta: Growth	10	\$252B	(\$0.54B)	\$4.73B	\$8.18B	\$3.50B

U.S. Size & Style Flow Leaders

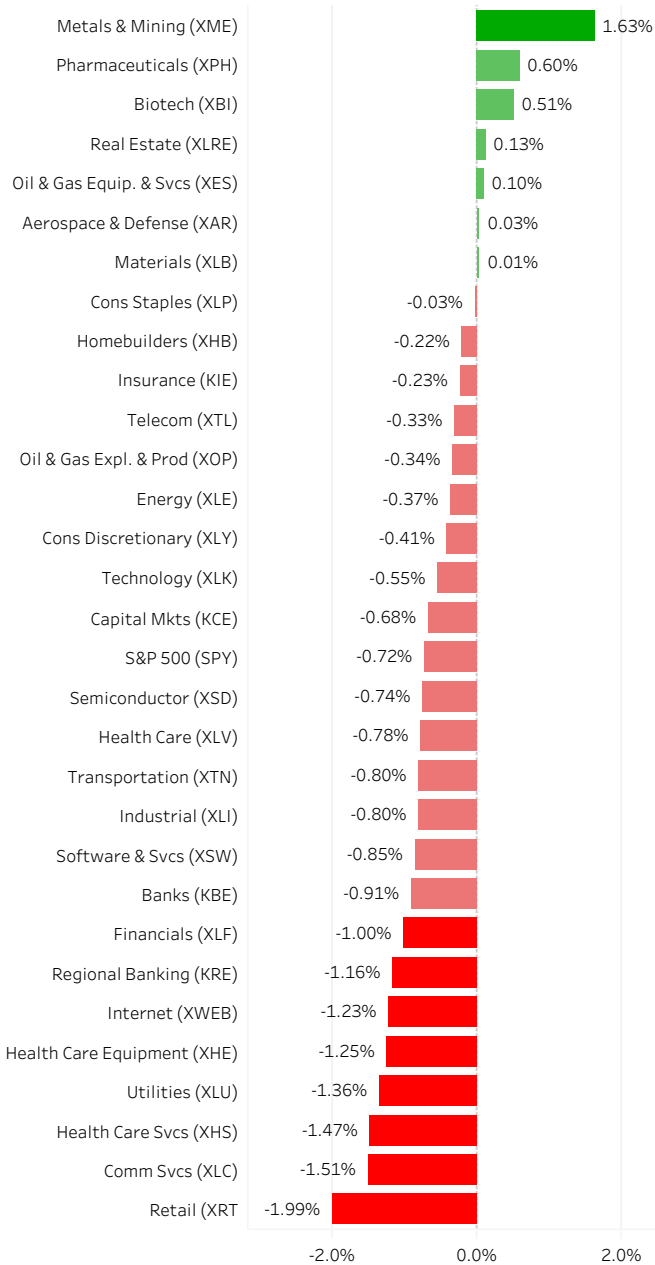
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	\$1.10B	\$4.76B	\$9.31B	\$12.06B	\$186.07B
IVV	iShares Core S&P 500 ETF	\$0.79B	(\$0.14B)	\$2.01B	\$10.67B	\$293.27B
VOO	Vanguard S&P 500 ETF	\$0.46B	\$13.29B	\$23.44B	\$39.72B	\$252.98B
IJS	iShares S&P Small-Cap 600 Value ETF	\$0.31B	\$0.05B	\$0.17B	\$1.18B	\$9.18B
VTV	Vanguard Value ETF	\$0.26B	\$2.55B	\$7.72B	\$15.72B	\$85.26B
IWN	iShares Russell 2000 Value ETF	\$0.25B	(\$0.08B)	(\$0.44B)	\$2.75B	\$16.24B
VTI	Vanguard Total Stock Market ETF	\$0.25B	\$11.12B	\$20.80B	\$45.60B	\$268.55B
IJR	iShares Core S&P Small Cap ETF	\$0.21B	(\$0.45B)	\$0.09B	\$4.51B	\$70.06B
MDY	SPDR S&P Midcap 400 ETF Trust	\$0.21B	(\$0.87B)	(\$0.79B)	(\$0.32B)	\$20.57B
IWD	iShares Russell 1000 Value ETF	\$0.21B	\$0.32B	\$0.40B	\$5.10B	\$54.67B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
NOBL	ProShares S&P 500 Dividend Aristocrats ETF	(\$0.43B)	\$0.25B	\$0.58B	\$1.07B	\$8.82B
SPYG	SPDR Portfolio S&P 500 Growth ETF	(\$0.37B)	\$0.13B	\$2.03B	\$1.48B	\$13.35B
IWM	iShares Russell 2000 ETF	(\$0.23B)	\$0.89B	(\$0.49B)	\$6.46B	\$67.71B
FDVV	Fidelity High Dividend ETF	(\$0.20B)	(\$0.07B)	\$0.09B	\$0.18B	\$0.93B
IWF	iShares Russell 1000 Growth ETF	(\$0.18B)	\$1.27B	\$0.16B	(\$2.05B)	\$72.18B
VUG	Vanguard Growth ETF	(\$0.17B)	\$1.27B	\$3.06B	\$3.96B	\$82.58B
VIG	Vanguard Dividend Appreciation ETF	(\$0.16B)	\$1.24B	\$1.83B	\$3.80B	\$61.93B
IJT	iShares S&P Small-Cap 600 Growth ETF	(\$0.05B)	(\$0.30B)	(\$0.41B)	(\$0.11B)	\$6.00B
IWO	iShares Russell 2000 Growth ETF	(\$0.04B)	\$0.20B	(\$0.05B)	(\$0.21B)	\$11.84B
VTHR	Vanguard Russell 3000 ETF	(\$0.03B)	\$0.00B	\$0.02B	\$0.17B	\$1.10B

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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	0.00%	104.15%	13.79%	14.47%	72.40
XLF	Financial Select Sector SPDR Fund	0.00%	65.27%	2.75%	9.92%	60.14
XLY	Consumer Discretionary Select Sector SPDR Fund	-1.75%	27.74%	0.44%	4.73%	51.64
SPY	SPDR S&P 500 ETF Trust	-3.38%	34.09%	-1.18%	5.34%	48.34
XLP	Consumer Staples Select Sector SPDR Fund	-4.00%	12.51%	-1.84%	1.42%	45.69
XLI	Industrial Select Sector SPDR Fund	-4.34%	34.83%	-1.39%	1.94%	50.48
XLK	Technology Select Sector SPDR Fund	-4.85%	37.07%	-2.03%	6.61%	45.86
XLC	Communication Services Select Sector SPDR Fund	-5.89%	37.86%	-2.40%	4.57%	43.73
XLV	Health Care Select Sector SPDR Fund	-7.24%	24.87%	-4.38%	2.70%	36.52
XLU	Utilities Select Sector SPDR Fund	-7.56%	10.98%	-3.81%	-0.08%	40.97
XLRE	Real Estate Select Sector SPDR Fund	-8.43%	31.31%	-4.19%	5.12%	36.35
XLB	Materials Select Sector SPDR Fund	-8.46%	31.06%	-2.58%	0.21%	46.82

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XME	SPDR S&P Metals & Mining ETF	1.63%
PYZ	Invesco DWA Basic Materials Momentum ETF	0.89%
FXZ	First Trust Materials AlphaDEX Fund	0.85%
AMZA	InfraCap MLP ETF	0.83%
MLPA	Global X MLP ETF	0.73%
IEZ	iShares U.S. Oil Equipment & Services ETF	0.68%
IYM	iShares U.S. Basic Materials ETF	0.63%
XPH	SPDR S&P Pharmaceuticals ETF	0.60%
MLPX	Global X MLP & Energy Infrastructure ETF	0.56%
AMPL	Alerian MLP ETF	0.54%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	77.20
RYE	Invesco S&P 500 Equal Weight Energy ETF	75.40
PXE	Invesco Dynamic Energy Exploration & Production ETF	74.61
FXN	First Trust Energy AlphaDEX Fund	74.19
FTXN	First Trust Nasdaq Oil & Gas ETF	73.87
PXI	Invesco DWA Energy Momentum ETF	73.83
FCG	First Trust Natural Gas ETF	73.43
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	73.00
IYE	iShares U.S. Energy ETF	72.67
XLE	Energy Select Sector SPDR Fund	72.40

Sector & Industry 1 Day Performance Laggards

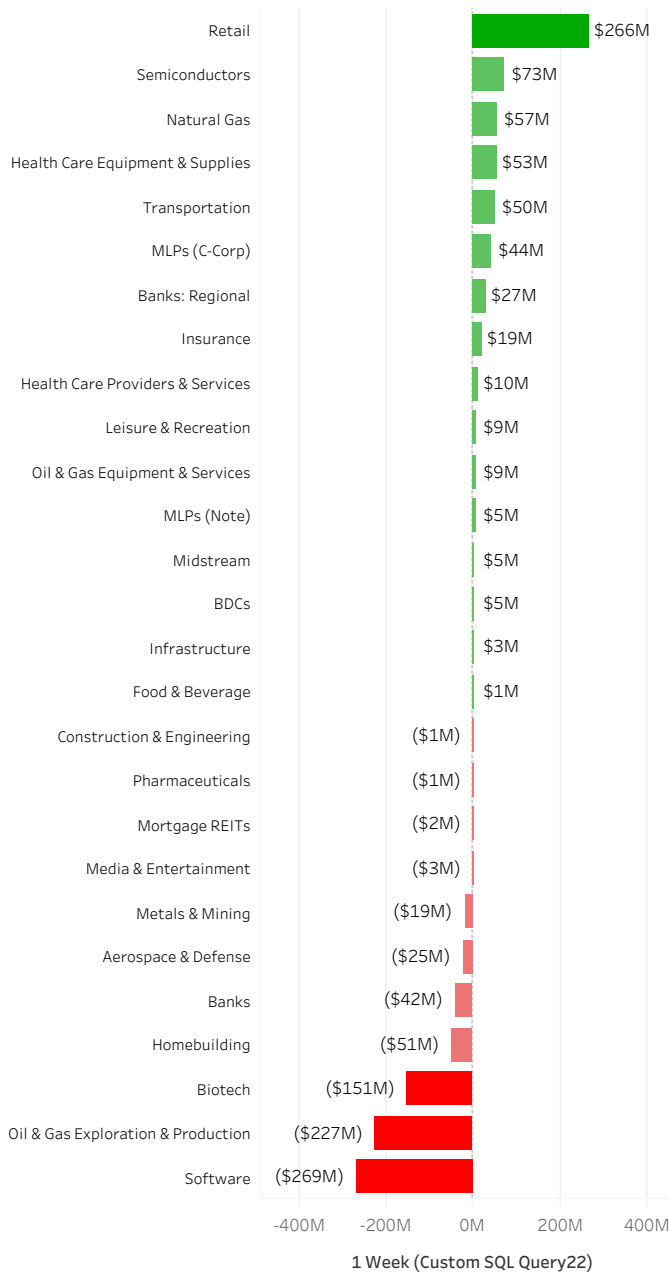
Ticker	Fund	1 Day Performance
XRT	SPDR S&P Retail ETF	-1.99%
IYZ	iShares U.S. Telecommunications ETF	-1.57%
XLC	Communication Services Select Sector SPDR Fund	-1.51%
XHS	SPDR S&P Health Care Services ETF	-1.47%
FUTY	Fidelity MSCI Utilities Index ETF	-1.41%
FCOM	Fidelity MSCI Communication Services Index ETF	-1.39%
VOX	Vanguard Communication Services ETF	-1.36%
XLU	Utilities Select Sector SPDR Fund	-1.36%
IYG	iShares US Financial Services ETF	-1.33%
PTH	Invesco DWA Healthcare Momentum ETF	-1.33%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IBB	iShares Biotechnology ETF	29.73
FXH	First Trust Health Care AlphaDEX Fund	31.34
XHS	SPDR S&P Health Care Services ETF	32.52
RYH	Invesco S&P 500 Equal Weight Health Care ETF	33.74
VHT	Vanguard Health Care ETF	34.98
JHMH	John Hancock Multifactor Healthcare ETF	35.33
PTH	Invesco DWA Healthcare Momentum ETF	35.37
FHLC	Fidelity MSCI Health Care Index ETF	35.61
SZNE	Pacer CFRA-Stovall Equal Weight Seasonal Rotation ETF	35.86
XLRE	Real Estate Select Sector SPDR Fund	36.35

* 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	(\$53M)	\$1,549M	\$1,943M	\$2,340M
Consumer Discretionary	13	\$33B	\$382M	(\$563M)	(\$517M)	\$2,824M
Consumer Staples	12	\$20B	(\$209M)	\$538M	\$921M	(\$3,555M)
Energy	34	\$55B	(\$831M)	\$63M	\$336M	\$11,698M
Financials	28	\$82B	\$524M	\$1,564M	\$3,242M	\$23,289M
Health Care	25	\$85B	(\$746M)	\$1,032M	\$4,075M	\$2,386M
Industrial	14	\$34B	(\$461M)	(\$2,768M)	(\$4,151M)	\$2,614M
Materials	10	\$15B	(\$468M)	(\$2,623M)	\$145M	\$4,336M
Multi-Sector	16	\$24B	(\$56M)	\$471M	\$823M	\$2,870M
Real Estate	21	\$73B	(\$316M)	\$3,839M	\$6,400M	\$12,006M
Technology	24	\$139B	\$925M	\$3,015M	\$3,747M	\$3,811M
Utilities	10	\$20B	\$97M	\$756M	\$560M	\$415M

U.S. Sector & Industry Flow Leaders

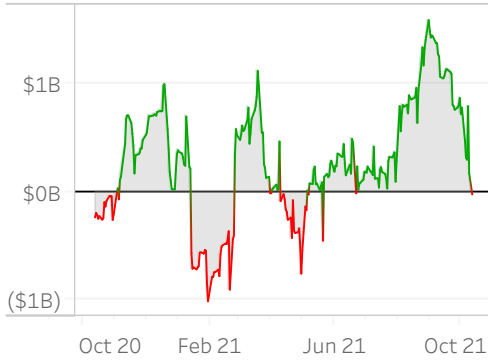
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VGT	Vanguard Information Technology ETF	\$805M	\$804M	\$2,346M	\$2,097M	\$49,777M
XLFF	Financial Select Sector SPDR Fund	\$387M	\$631M	(\$47M)	\$12,005M	\$43,105M
XLK	Technology Select Sector SPDR Fund	\$349M	\$605M	\$274M	(\$69M)	\$44,237M
XRT	SPDR S&P Retail ETF	\$266M	(\$6M)	\$350M	\$290M	\$972M
XLV	Consumer Discretionary Select Sector SPDR Fu..	\$117M	(\$483M)	(\$975M)	\$130M	\$20,187M
XLU	Utilities Select Sector SPDR Fund	\$82M	\$503M	\$197M	\$7M	\$12,224M
VFH	Vanguard Financials ETF	\$71M	(\$178M)	\$455M	\$1,780M	\$11,367M
SOXX	iShares Semiconductor ETF	\$67M	\$489M	\$227M	\$1,853M	\$7,189M
FCG	First Trust Natural Gas ETF	\$57M	\$155M	\$226M	\$260M	\$496M
IHI	iShares U.S. Medical Devices ETF	\$53M	\$419M	(\$757M)	(\$1,558M)	\$8,419M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	(\$790M)	\$848M	\$1,048M	\$8,302M	\$27,074M
XLV	Health Care Select Sector SPDR Fund	(\$569M)	(\$122M)	\$3,006M	\$1,592M	\$29,626M
XLI	Industrial Select Sector SPDR Fund	(\$477M)	(\$1,882M)	(\$3,200M)	\$469M	\$17,381M
XLB	Materials Select Sector SPDR Fund	(\$354M)	(\$1,757M)	(\$423M)	\$1,730M	\$7,222M
IGV	iShares Expanded Tech-Software Sector ETF	(\$261M)	\$70M	(\$276M)	(\$1,293M)	\$5,377M
VNQ	Vanguard Real Estate ETF	(\$236M)	\$245M	\$2,287M	\$5,353M	\$42,407M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$235M)	(\$93M)	(\$483M)	\$77M	\$4,202M
XLP	Consumer Staples Select Sector SPDR Fund	(\$219M)	\$318M	\$744M	(\$2,944M)	\$11,645M
IBB	iShares Biotechnology ETF	(\$124M)	(\$136M)	\$22M	(\$383M)	\$10,088M
XLRE	Real Estate Select Sector SPDR Fund	(\$101M)	\$640M	\$1,335M	\$1,349M	\$4,198M

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

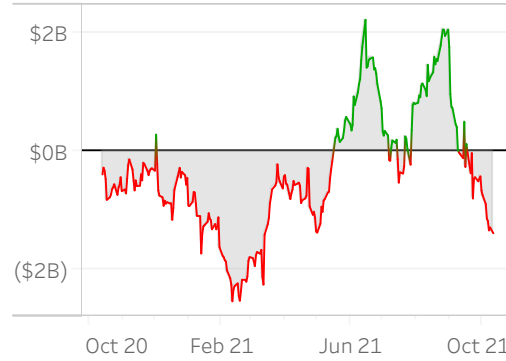
Communication Services



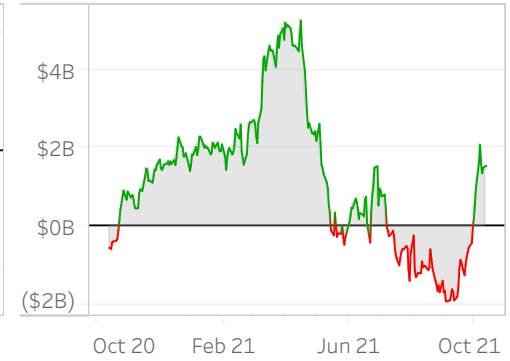
Consumer Discretionary



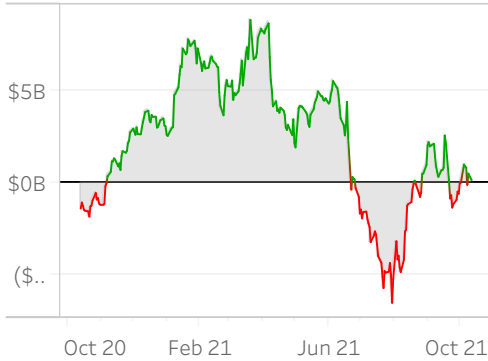
Consumer Staples



Energy



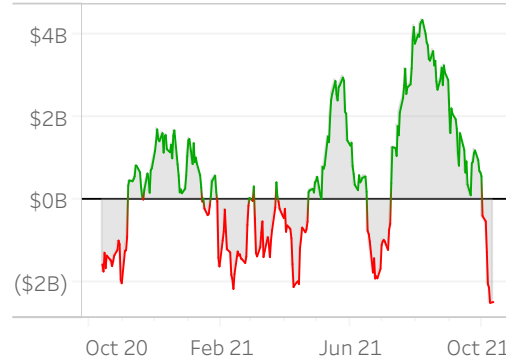
Financials



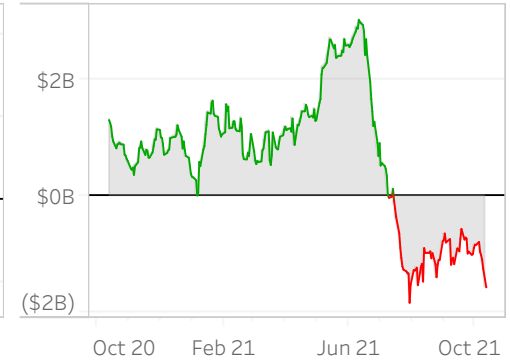
Industrial



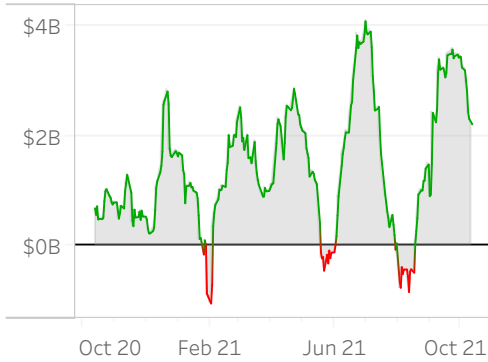
Health Care



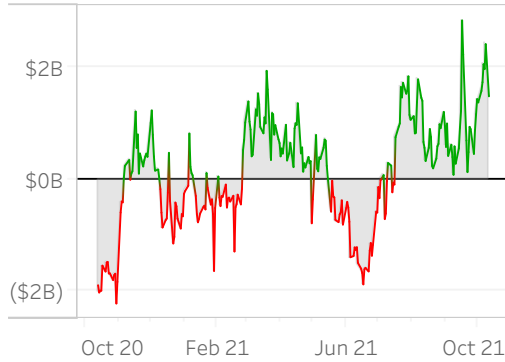
Materials



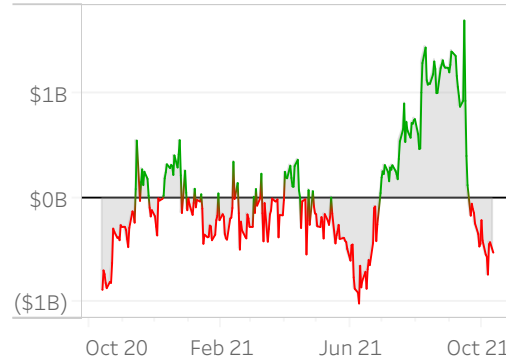
Real Estate



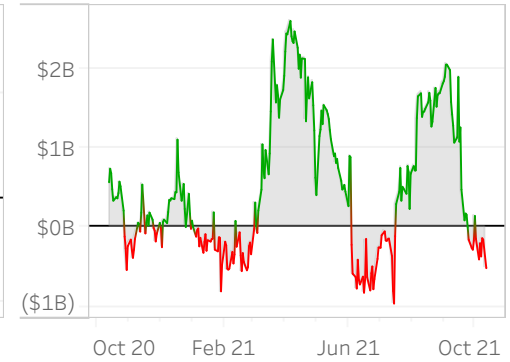
Technology



Utilities

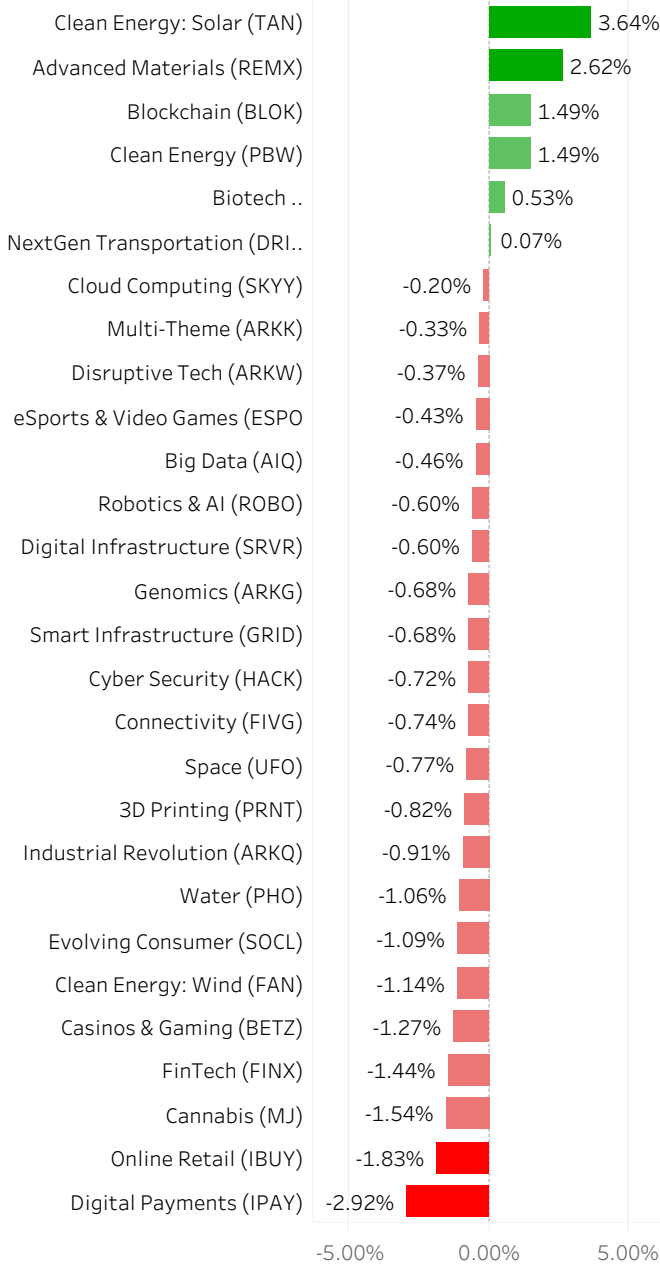


Multi-Sector

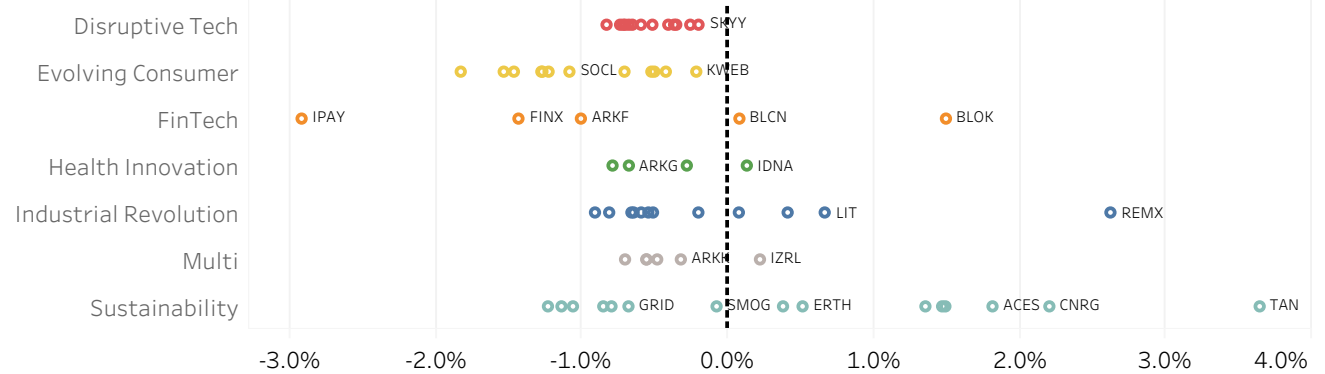


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
TAN	Invesco Solar ETF	3.64%
BKCH	Global X Blockchain ETF	3.26%
REMX	VanEck Rare Earth/Strategic Metals ETF	2.62%
BITQ	Bitwise Crypto Industry Innovators ETF	2.42%
CTEC	Global X CleanTech ETF	2.28%
CNRG	SPDR S&P Kensho Clean Power ETF	2.20%
DAPP	VanEck Digital Transformation ETF	2.03%
ACES	ALPS Clean Energy ETF	1.81%
BLOK	Amplify Transformational Data Sharing ETF	1.49%
PBW	Invesco WilderHill Clean Energy ETF	1.49%

Thematic Most Overbought

Ticker	Fund	Value
AWAY	ETFMG Travel Tech ETF	59.70
KWEB	KraneShares CSI China Internet ETF	55.23
EVX	VanEck Environmental Services ETF	54.24
BLOK	Amplify Transformational Data Sharing ETF	54.03
LEGR	First Trust Indxx Innovative Transaction & Process ETF	52.61
BITQ	Bitwise Crypto Industry Innovators ETF	52.57
EMQQ	Emerging Markets Internet & Ecommerce ETF	52.07
DAPP	VanEck Digital Transformation ETF	51.63
UFO	Procure Space ETF	50.18
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	50.08

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
IPAY	ETFMG Prime Mobile Payments ETF	-2.92%
POTX	Global X Cannabis ETF	-2.49%
IBUY	Amplify Online Retail ETF	-1.83%
KSTR	KraneShares SSE STAR Market 50 Index ETF	-1.80%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-1.76%
MJ	ETFMG Alternative Harvest ETF	-1.54%
THCX	Cannabis ETF	-1.53%
ONLN	ProShares Online Retail ETF	-1.47%
FINX	Global X FinTech ETF	-1.44%
MILN	Global X Millennial Consumer ETF	-1.40%

Thematic Most Oversold

Ticker	Fund	Value
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR..	29.83
IDNA	iShares Genomics Immunology and Healthcare ETF Geno..	29.91
PIO	Invesco Global Water ETF	30.10
VPN	Global X Data Center REITs & Digital Infrastructure ETF	30.92
FAN	First Trust Global Wind Energy ETF	31.03
AGNG	Global X Aging Population ETF	32.55
ARKG	ARK Genomic Revolution ETF	32.63
PBD	Invesco Global Clean Energy ETF	32.69
GERM	ETFMG Treatments Testing and Advancements ETF	32.69
HTEC	ROBO Global Healthcare Technology and Innovation ETF	33.07

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

Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	\$274M
KWEB	KraneShares CSI China Internet ETF	\$82M
AWAY	ETFMG Travel Tech ETF	\$28M
CLOU	Global X Cloud Computing ETF	\$17M
FIW	First Trust Water ETF	\$9M
FIVG	Defiance Next Gen Connectivity ETF	\$7M
BLOK	Amplify Transformational Data Sharing ETF	\$7M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$5M
BKCH	Global X Blockchain ETF	\$4M
GXTG	Global X Thematic Growth ETF	\$3M

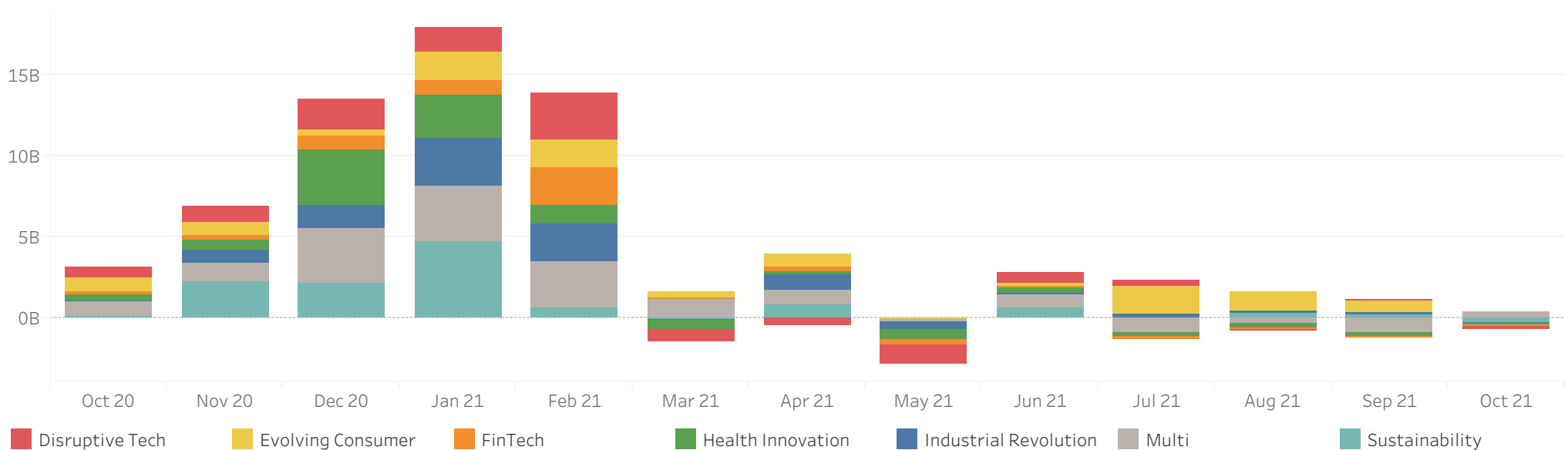
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
NXTG	First Trust Indxx NextG ETF	(\$77M)
TAN	Invesco Solar ETF	(\$76M)
ARKW	ARK Next Generation Internet ETF	(\$71M)
ARKF	ARK Fintech Innovation ETF	(\$65M)
IBUY	Amplify Online Retail ETF	(\$49M)
ARKG	ARK Genomic Revolution ETF	(\$33M)
ACES	ALPS Clean Energy ETF	(\$30M)
PBD	Invesco Global Clean Energy ETF	(\$29M)
ICLN	iShares Global Clean Energy ETF	(\$23M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$22M)

Thematic Landscape Assets & Flows

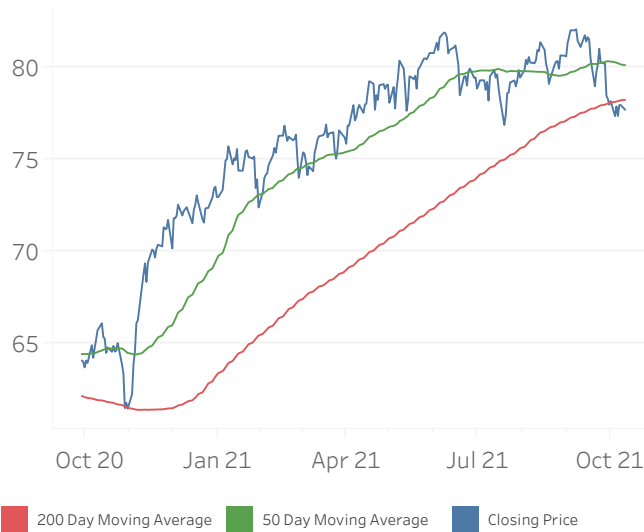
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	31	\$28B	(\$136M)	\$224M	(\$729M)	\$6,412M
Evolving Consumer	39	\$17B	\$46M	\$3,630M	\$4,163M	\$10,524M
FinTech	14	\$8B	(\$58M)	(\$365M)	(\$473M)	\$4,474M
Health Innovation	14	\$9B	(\$27M)	(\$842M)	(\$1,090M)	\$6,698M
Industrial Revolution	23	\$17B	(\$66M)	\$426M	\$149M	\$8,221M
Multi	28	\$28B	\$7M	(\$944M)	(\$1,497M)	\$12,594M
Sustainability	34	\$21B	(\$181M)	\$158M	\$1,375M	\$11,889M
Grand Total	183	\$128B	(\$416M)	\$2,286M	\$1,898M	\$60,813M

Thematic Monthly Flows

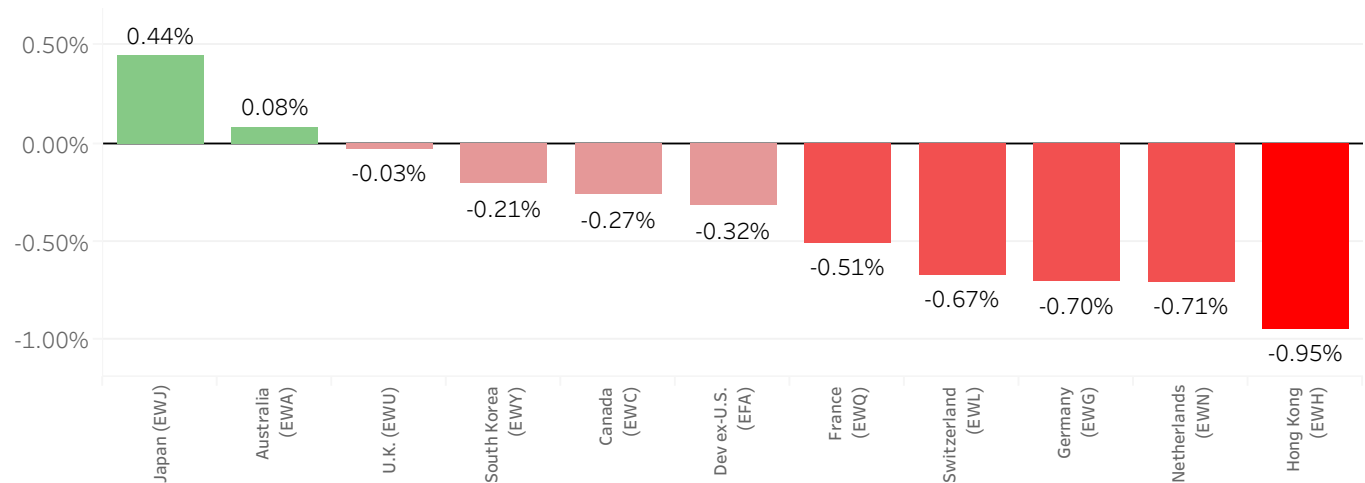


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

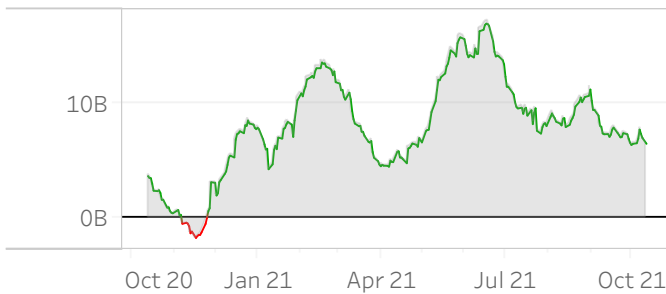
Developed ex-U.S. (EFA)



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



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



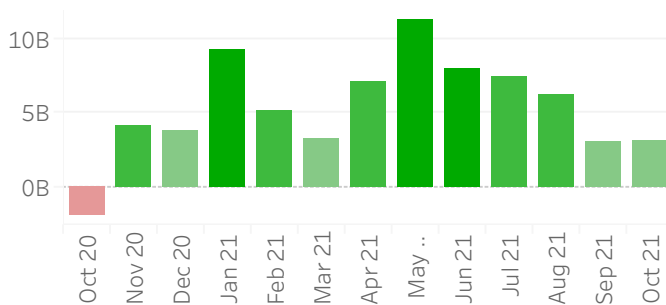
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	Performance
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	1.49%
HEWJ	iShares Currency Hedged MSCI Japan ETF	1.41%
DXJ	WisdomTree Japan Hedged Equity Fund	1.29%
EIS	iShares MSCI Israel ETF	0.83%
ISRA	VanEck Israel ETF	0.78%
IVAL	Alpha Architect International Quantitative Value ETF	0.64%
EWJV	iShares MSCI Japan Value ETF	0.54%
FLJP	Franklin FTSE Japan ETF	0.47%
EWJ	iShares MSCI Japan ETF	0.44%
EWO	iShares MSCI Austria ETF	0.43%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWC	iShares MSCI Canada ETF	59.39
BBCA	JPMorgan BetaBuilders Canada ETF	59.36
EWS	iShares MSCI Singapore ETF	53.97
EWP	iShares MSCI Spain ETF	53.42
EWU	iShares MSCI United Kingdom ETF	52.60
FIDI	Fidelity International High Dividend ETF	52.51
GREK	Global X MSCI Greece ETF	51.22
FLGB	Franklin FTSE United Kingdom ETF	50.77
EWO	iShares MSCI Austria ETF	50.69
EWA	iShares MSCI Australia ETF	50.66

Developed ex-U.S. Monthly Flows



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

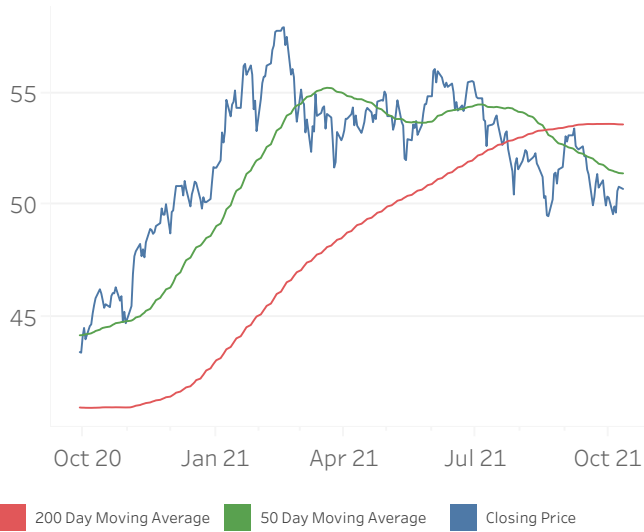
Ticker	Fund	Performance
GREK	Global X MSCI Greece ETF	-1.36%
EWP	iShares MSCI Spain ETF	-1.29%
EIRL	iShares MSCI Ireland ETF	-1.23%
EWI	iShares MSCI Italy ETF	-1.21%
EWUS	iShares MSCI United Kingdom Small Cap ETF	-1.13%
EWD	iShares MSCI Sweden ETF	-1.11%
EWH	iShares MSCI Hong Kong ETF	-0.95%
EDEN	iShares MSCI Denmark ETF	-0.91%
IEUS	iShares MSCI Europe Small-Cap ETF	-0.84%
PIZ	Invesco DWA Developed Markets Momentum ETF	-0.79%

Developed ex-U.S. Most Oversold

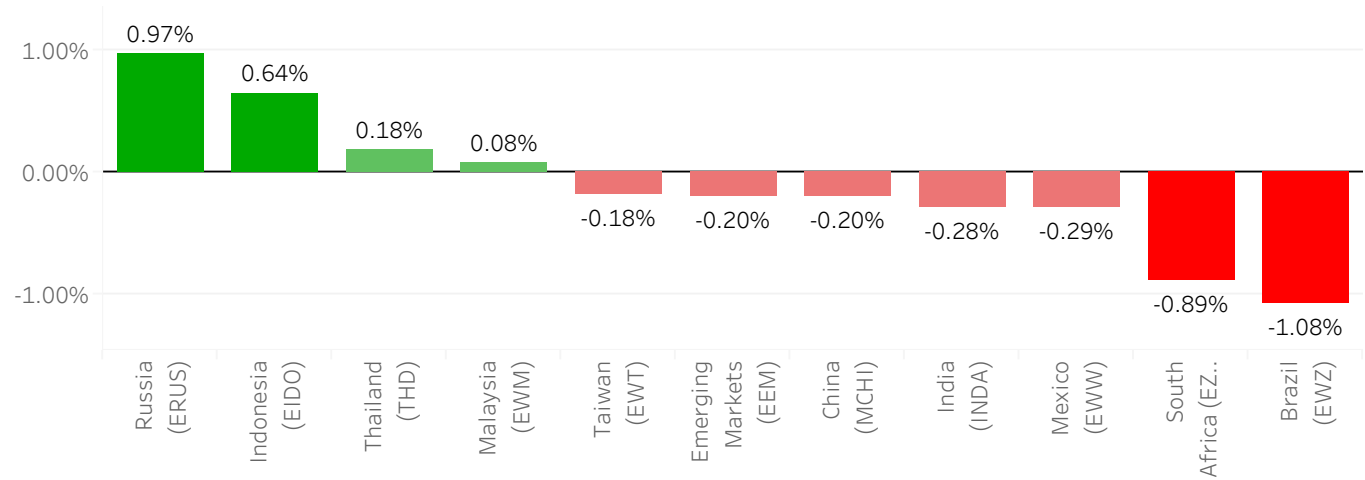
Ticker	Fund	Value
PIZ	Invesco DWA Developed Markets Momentum ETF	28.61
EFAV	iShares MSCI EAFE Min Vol Factor ETF	28.87
EFAD	ProShares MSCI EAFE Dividend Growers ETF	29.56
RFDI	First Trust Riverfront Dynamic Developed Internatio..	30.05
EUDG	WisdomTree Europe Quality Dividend Growth Fund	30.75
PDEF	Principal International Multi-Factor ETF	31.05
EWUS	iShares MSCI United Kingdom Small Cap ETF	31.16
IQDG	WisdomTree International Quality Dividend Growth ..	31.63
RBIN	Nationwide Risk-Based International Equity ETF	31.77
EDEN	iShares MSCI Denmark ETF	31.83

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

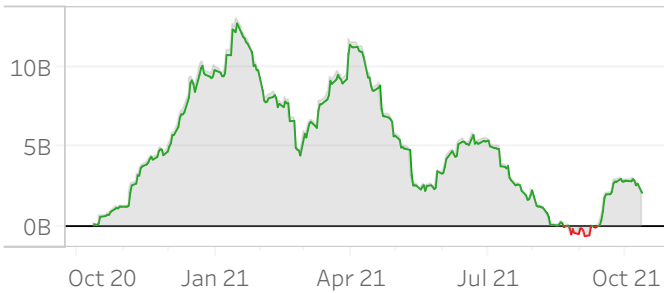
Emerging (EEM)



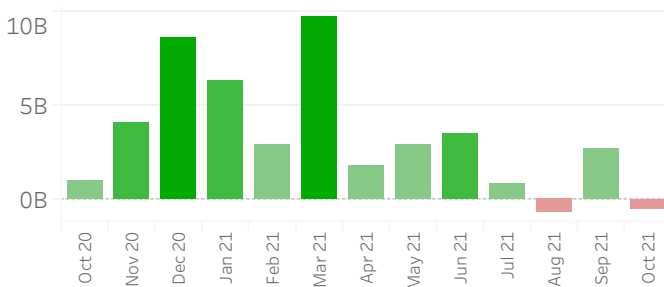
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EPOL	iShares MSCI Poland ETF	1.69%
EPHE	iShares MSCI Philippines ETF	1.22%
ERUS	iShares MSCI Russia ETF	0.97%
EIDO	iShares MSCI Indonesia ETF	0.64%
FNI	First Trust Chindia ETF	0.51%
TUR	iShares MSCI Turkey ETF	0.47%
RSX	VanEck Russia ETF	0.47%
EPU	iShares MSCI Peru ETF	0.43%
ADRE	Invesco BLDRS Emerging Markets 50 ADR Index Fund	0.33%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	0.32%

Emerging Most Overbought

Ticker	Fund	Price
QAT	iShares MSCI Qatar ETF	78.68
EIDO	iShares MSCI Indonesia ETF	77.77
ERUS	iShares MSCI Russia ETF	73.15
RSX	VanEck Russia ETF	70.69
KSA	iShares MSCI Saudi Arabia ETF	68.23
SMIN	iShares MSCI India Small Cap ETF	67.05
EPU	iShares MSCI Peru ETF	63.99
EWM	iShares MSCI Malaysia ETF	63.36
EPHE	iShares MSCI Philippines ETF	62.44
EPI	WisdomTree India Earnings Fund	60.66

Emerging 1-Day Performance Laggards

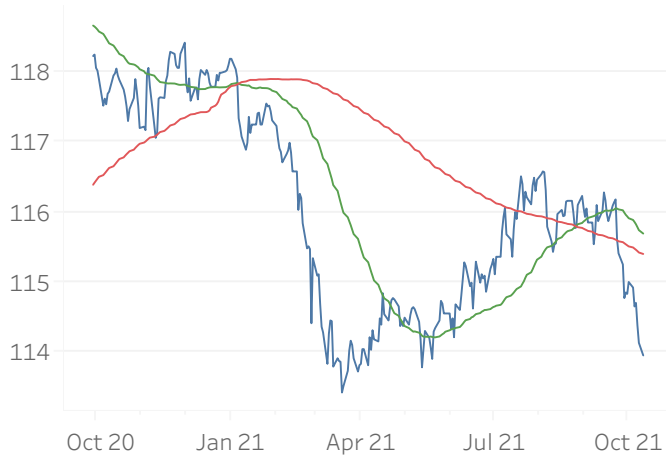
Ticker	Fund	1-Day Performance
EWZS	iShares MSCI Brazil Small-Cap ETF	-1.78%
ECNS	iShares MSCI China Small-Cap ETF	-1.32%
EWZ	iShares MSCI Brazil ETF	-1.08%
FLBR	Franklin FTSE Brazil ETF	-1.06%
EMGF	iShares MSCI Emerging Markets Multifactor ETF	-1.03%
ILF	iShares Latin America 40 ETF	-0.98%
EZA	iShares MSCI South Africa ETF	-0.89%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-0.77%
CNYA	iShares MSCI China A ETF	-0.77%
GLIN	VanEck India Growth Leaders ETF	-0.71%

Emerging Most Oversold

Ticker	Fund	Price
ECH	iShares MSCI Chile ETF	26.93
TUR	iShares MSCI Turkey ETF	36.87
ILF	iShares Latin America 40 ETF	38.86
PIE	Invesco DWA Emerging Markets Momentum ETF	39.43
EWW	iShares MSCI Mexico ETF	40.08
FRDM	Freedom 100 Emerging Markets ETF	40.32
MFEM	PIMCO RAFI Dynamic Multi-Factor Emerging Market..	40.67
EWT	iShares MSCI Taiwan ETF	40.80
DGRE	WisdomTree Emerging Markets Quality Dividend Gr..	41.22
EYLD	Cambria Emerging Shareholder Yield ETF	41.44

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

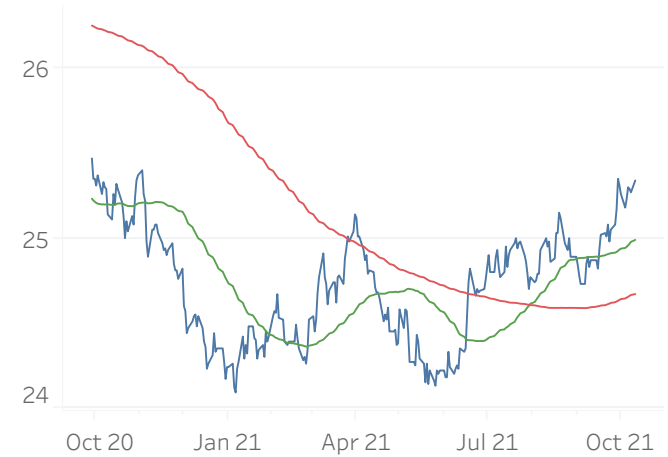
Fixed Income (AGG)



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	-0.16%	-1.50%	-2.27%
SHY	1-3 Year Treasury Bonds	-0.08%	-0.24%	-0.28%
IEF	7-10 Year Treasury Bonds	-0.24%	-2.22%	-4.27%
TLT	20+ Year Treasury Bonds	-0.25%	-4.52%	-9.22%
TIP	TIPS Bonds	-0.06%	-0.78%	3.56%
FLOT	Floating Rate Bonds	0.05%	0.07%	0.49%
LQD	Investment Grade Corporate	-0.19%	-2.56%	-3.11%
HYG	High Yield Corporate	-0.31%	-1.20%	2.11%
BKLN	Senior Loan	-0.14%	0.07%	1.76%
PFF	Preferred & Income Securities	-0.10%	-1.84%	3.44%
MUB	Municipal Bonds	-0.10%	-0.89%	0.05%
MBB	MBS	-0.09%	-0.77%	-1.17%
EMB	Dollar Denominated EM Bonds	-0.28%	-3.55%	-3.66%
LEMB	Local Currency EM Bond	-0.40%	-3.23%	-7.16%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.17%	6.77%	36.76%
DBE	Energy	1.01%	14.10%	66.51%
USO	WTI Crude Oil	1.28%	15.12%	70.19%
BNO	Brent Crude Oil	1.24%	15.83%	70.96%
UNG	Natural Gas	-3.72%	7.55%	102.83%
UGA	Gasoline	0.46%	13.36%	71.37%
DBP	Precious Metals	-0.27%	-2.65%	-10.55%
GLD	Gold	-0.19%	-1.95%	-8.10%
SLV	Silver	-0.33%	-5.05%	-15.02%
PPLT	Platinum	-1.72%	5.10%	-6.67%
PALL	Palladium	1.79%	-0.77%	-14.20%
DBB	Base Metals	2.03%	2.18%	27.87%
CPER	Copper	1.83%	-1.66%	22.63%
LD	Lead	-0.91%	-3.38%	11.91%
JJN	Nickel	-0.86%	-5.46%	13.80%
JJU	Aluminum	2.28%	4.65%	50.93%
JJT	Tin	-0.49%	9.82%	103.54%
DBA	Agriculture	-0.31%	4.09%	19.89%
CORN	Corn	0.65%	4.11%	30.10%
SOYB	Soybeans	-1.19%	-3.31%	11.09%
WEAT	Wheat	0.14%	7.00%	15.99%
CANE	Sugar	0.24%	3.53%	43.41%
BAL	Cotton	-0.56%	17.72%	34.50%
NIB	Cocoa	-2.92%	3.11%	1.99%
JO	Coffee	1.39%	8.92%	50.20%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.28%	1.89%	4.54%
UDN	Short Dollar	-0.27%	-2.02%	-5.44%
FXE	Euro	-0.13%	-2.27%	-6.19%
FXB	British Pound Sterling	-0.23%	-1.79%	-0.93%
FXF	Swiss Franc	-0.08%	-1.08%	-5.47%
FXJ	Japanese Yen	-0.98%	-3.12%	-9.37%
FXC	Canadian Dollar	-0.17%	1.50%	1.55%
FXA	Australian Dollar	0.51%	-0.05%	-5.02%

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