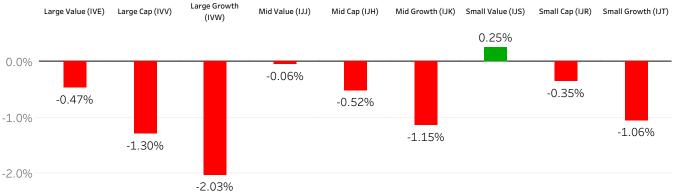


U.S. Size & Style Performance

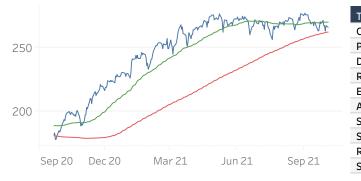






U.S. Size & Style 1-Day Performance

Mid Cap Blend (S&P 400) IJH



Small Cap Blend (S&P 600) IJR

Size & Style 1-Day Performance Leaders

Ticker	Fund	
CSF	VictoryShares US Discovery Enhanced Volatility Wtd ETF	1.36%
PEY	Invesco High Yield Equity Dividend Achievers ETF	0.85%
DIV	Global X SuperDividend US ETF	0.75%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	0.74%
EWSC	Invesco S&P Smallcap 600 Equal Weight ETF	0.61%
AVUV	Avantis U.S. Small Cap Value ETF	0.52%
SMDV	ProShares Russell 2000 Dividend Growers ETF	0.51%
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	0.50%
RDIV	Invesco S&P Ultra Dividend Revenue ETF	0.46%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	0.44%

Size & Style 1-Day Performance Laggards

			Λ	mm	. M	Ticker
			IN WW	mpa VI	MAN MA	IPO
100			WW WW		V	QQH
100		p	N/			FFTY
		man				QQQN
		N				MFMS
80		N. /				BUZZ
	M	\mathcal{V}				FPX
	V					DWEQ
						DFNV
	Sep 20	Dec 20	Mar 21	Jun 21	Sep 21	RPG
C	osing Price		50 Day Mov	ving Average	200 Day Movi	ng Average

IPO	Renaissance IPO ETF	-3.35%
QQH	HCM Defender 100 Index ETF	-2.87%
FFTY	Innovator IBD 50 ETF	-2.78%
QQQN	VictoryShares Nasdaq Next 50 ETF	-2.77%
MFMS	Motley Fool Small-Cap Growth ETF	-2.70%
BUZZ	VanEck Social Sentiment ETF	-2.67%
FPX	First Trust US Equity Opportunities ETF	-2.57%
DWEQ	AdvisorShares Dorsey Wright Alpha Equal Weight ETF	-2.53%
DFNV	TrimTabs Donoghue Forlines Risk Managed Innovation E	-2.45%
RPG	Invesco S&P 500 Pure Growth ETF	-2.43%

Size & Style Most Overbought

Ticker	Fund	
RZV	Invesco S&P Smallcap 600 Pure Value ETF	61.00
AVUV	Avantis U.S. Small Cap Value ETF	59.73
SVAL	iShares US Small Cap Value Factor ETF	57.74
XSVM	Invesco S&P SmallCap Value with Momentum ETF	57.71
DWAS	Invesco DWA SmallCap Momentum ETF	57.43
SLYV	SPDR S&P 600 Small Cap Value ETF	57.11
IJS	iShares S&P Small-Cap 600 Value ETF	56.57
VIOV	Vanguard S&P Small-Cap 600 Value ETF	56.53
RWJ	Invesco S&P SmallCap 600 Revenue ETF	56.20
FYT	First Trust Small Cap Value AlphaDEX Fund	55.99

Size & Style Most Oversold

	Ticker	Fund	
%	QQQE	Direxion NASDAQ-100 Equal Weighted Index Shares	26.79
%	FCTR	First Trust Lunt U.S. Factor Rotation ETF	27.18
%	QQEW	First Trust Nasdaq-100 Equal Weighted Index Fund	27.32
%	SPGP	Invesco S&P 500 GARP ETF	27.78
%	QQXT	First Trust Nasdaq-100 Ex-Technology Sector Index	27.92
%	QGRO	American Century STOXX U.S. Quality Growth ETF	28.16
%	PSET	Principal Quality ETF	28.53
%	CLRG	IQ Chaikin U.S. Large Cap ETF	28.64
%	PTNQ	Pacer Trendpilot 100 ETF	28.71
%	JOET	Virtus Terranova US Quality Momentum ETF	28.83

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

Fund



U.S. Size & Style Flows

Large-Cap 30-Day Rolling Flows



Mid-Cap 30-Day Rolling Flows



Small-Cap 30-Day Rolling Flows



	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Large Cap, Beta Growth, Beta: Value	11	\$197B	\$0.44B	\$3.51B	\$11.82B	\$32.05B
Mid Cap, Beta, Beta: Value	6	\$40B	\$0.18B	\$0.02B	\$1.51B	\$4.13B
Small Cap, Beta, Beta: Growth	7	\$39B	\$0.10B	\$0.50B	\$0.08B	\$1.79B
Mid Cap, Beta, Beta: Growth	6	\$39B	\$0.00B	\$0.04B	(\$1.22B)	(\$2.31B)
Small Cap, Beta, Beta: Value	7	\$56B	(\$0.01B)	(\$1.15B)	\$0.39B	\$9.09B
Mid Cap, Beta, Beta	10	\$183B	(\$0.09B)	\$0.61B	\$2.51B	\$8.33B
Large Cap, Beta Growth, Beta: Growth	10	\$252B	(\$1.01B)	\$6.07B	\$8.70B	\$3.90B
Small Cap, Beta, Beta	12	\$217B	(\$1.33B)	\$3.70B	\$3.11B	\$26.22B
Large Cap, Beta Growth, Beta	24	\$1,238B	(\$2.68B)	\$29.66B	\$52.67B	\$86.38B

U.S. Size & Style Landscape Flows

U.S. Size & Style Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	\$1.16B	\$13.90B	\$24.11B	\$39.36B	\$250.07B
VTI	Vanguard Total Stock Market ETF	\$1.05B	\$11.41B	\$21.98B	\$46.12B	\$266.24B
мтим	iShares MSCI USA Momentum Factor ETF	\$0.52B	(\$0.07B)	\$0.16B	\$0.88B	\$15.59B
SCHD	Schwab US Dividend Equity ETF	\$0.42B	\$2.46B	\$6.37B	\$10.64B	\$28.34B
IVV	iShares Core S&P 500 ETF	\$0.29B	(\$0.04B)	\$2.62B	\$11.08B	\$290.31B
VTV	Vanguard Value ETF	\$0.27B	\$2.34B	\$7.70B	\$15.61B	\$83.70B
NOBL	ProShares S&P 500 Dividend Aristocrats ETF	\$0.24B	\$0.70B	\$1.06B	\$1.50B	\$9.14B
VB	Vanguard Small-Cap ETF	\$0.20B	\$1.13B	\$2.57B	\$6.27B	\$47.63B
ΙΤΟΤ	iShares Core S&P Total U.S. Stock Market ETF	\$0.20B	\$1.67B	\$2.62B	\$5.76B	\$42.05B
VIG	Vanguard Dividend Appreciation ETF	\$0.16B	\$1.63B	\$2.24B	\$4.06B	\$61.38B

U.S. Size & Style Flow Laggards

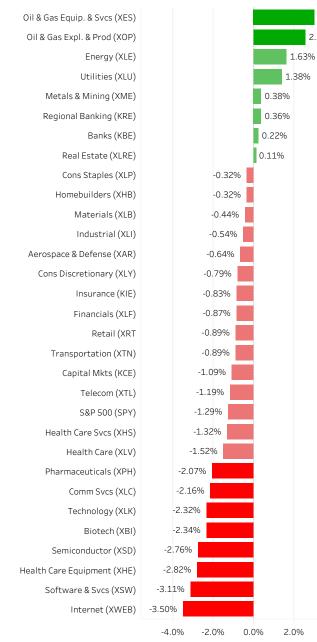
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWM	iShares Russell 2000 ETF	(\$1.71B)	\$1.42B	(\$1.70B)	\$9.39B	\$68.24B
IWF	iShares Russell 1000 Growth ETF	(\$0.64B)	\$1.45B	\$0.22B	(\$1.91B)	\$72.07B
SPYG	SPDR Portfolio S&P 500 Growth ETF	(\$0.37B)	\$0.92B	\$2.48B	\$1.91B	\$13.63B
QQQ	Invesco QQQ Trust	(\$0.27B)	\$4.81B	\$8.73B	\$10.85B	\$183.61B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.27B)	(\$0.86B)	(\$1.12B)	(\$0.61B)	\$20.25B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.23B)	(\$0.61B)	(\$2.96B)	(\$11.34B)	\$27.06B
SPLV	Invesco S&P 500 Low Volatility ETF	(\$0.16B)	(\$0.29B)	(\$0.62B)	(\$2.22B)	\$7.54B
DGRO	iShares Core Dividend Growth ETF	(\$0.13B)	\$0.61B	\$1.62B	\$4.53B	\$19.98B
FLQL	Franklin LibertyQ U.S. Equity ETF	(\$0.12B)	(\$0.30B)	(\$0.52B)	(\$0.60B)	\$0.93B
IJT	iShares S&P Small-Cap 600 Growth ETF	(\$0.11B)	(\$0.24B)	(\$0.26B)	(\$0.01B)	\$6.15B

* 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

3.01%

2.54%



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	-2.62%	97.47%	11.07%	11.51%	69.20
XLF	Financial Select Sector SPDR Fund	-3.03%	60.19%	0.06%	7.12%	50.01
XLY	Consumer Discretionary Select Sector SPDR Fund	-3.51%	25.46%	-1.38%	3.11%	42.17
SPY	SPDR S&P 500 ETF Trust	-5.42%	31.27%	-3.32%	3.43%	36.35
XLP	Consumer Staples Select Sector SPDR Fund	-5.71%	10.50%	-3.77%		31.90
XLI	Industrial Select Sector SPDR Fund	-6.53%	31.75%	-3.85%		38.95
XLK	Technology Select Sector SPDR Fund	-7.29%	33.56%	-4.63%	4.19%	33.90
XLC	Communication Services Select Sector SPDR Fund	-7.38%	35.68%	-4.11%	3.28%	35.08
XLU	Utilities Select Sector SPDR Fund	-7.58%	10.97%	-3.99%		38.45
XLRE	Real Estate Select Sector SPDR Fund	-7.70%	32.37%	-3.67%	6.39%	36.74
XLV	Health Care Select Sector SPDR Fund	-8.37%	23.34%	-5.84%	1.68%	25.42
XLB	Materials Select Sector SPDR Fund	-9.77%	29.19%	-4.18%		39.51

Select Sector SPDRs Technicals

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	
FCG	First Trust Natural Gas ETF	3.41%
PSCE	Invesco S&P SmallCap Energy ETF	3.20%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	3.01%
PXE	Invesco Dynamic Energy Exploration & Production	2.99%
PXI	Invesco DWA Energy Momentum ETF	2.92%
FTXN	First Trust Nasdaq Oil & Gas ETF	2.77%
AMZA	InfraCap MLP ETF	2.69%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	2.62%
IEZ	iShares U.S. Oil Equipment & Services ETF	2.62%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	2.54%

Sector & Industry 1 Day Performance Laggards

Ticker	Fund	
PTF	Invesco DWA Technology Momentum ETF	-3.869
XWEB	SPDR S&P Internet ETF	-3.509
FDN	First Trust Dow Jones Internet Index Fund	-3.119
XSW	SPDR S&P Software & Services ETF	-3.119
PNQI	Invesco NASDAQ Internet ETF	-3.089
IGV	iShares Expanded Tech-Software Sector ETF	-3.009
FTXL	First Trust Nasdaq Semiconductor ETF	-2.979
PSJ	Invesco Dynamic Software ETF	-2.959
PSI	Invesco Dynamic Semiconductors ETF	-2.869
XHE	SPDR S&P Health Care Equipment ETF	-2.829

Sector & Industry Most Overbought

Ticker	Fund	
PXI	Invesco DWA Energy Momentum ETF	75.75
FTXN	First Trust Nasdaq Oil & Gas ETF	75.50
FCG	First Trust Natural Gas ETF	75.46
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	74.88
PXE	Invesco Dynamic Energy Exploration & Production ETF	74.45
PSCE	Invesco S&P SmallCap Energy ETF	73.08
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	72.66
RYE	Invesco S&P 500 Equal Weight Energy ETF	72.00
FXN	First Trust Energy AlphaDEX Fund	70.83
FENY	Fidelity MSCI Energy Index ETF	70.37

Sector & Industry Most Oversold

	Ticker	Fund	
%	FXH	First Trust Health Care AlphaDEX Fund	24.91
%	JHMH	John Hancock Multifactor Healthcare ETF	25.06
%	RYH	Invesco S&P 500 Equal Weight Health Care ETF	25.27
%	VHT	Vanguard Health Care ETF	25.35
%	XLV	Health Care Select Sector SPDR Fund	25.42
%	IYH	iShares U.S. Healthcare ETF	25.45
%	FHLC	Fidelity MSCI Health Care Index ETF	25.77
%	IBB	iShares Biotechnology ETF	26.07
%	SZNE	Pacer CFRA-Stovall Equal Weight Seasonal Rotation ETF	27.30
%	PSJ	Invesco Dynamic Software ETF	27.55

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

4.0%

U.S. Sector Landscape

U.S. Sector & Industry 1-Week Flows

Banks			\$288M
Banks: Regional			\$177M
Oil & Gas Exploration & Production			\$101M
Software			\$91M
Metals & Mining			\$56M
Natural Gas			\$49M
Transportation			\$47M
MLPs (C-Corp)			\$43M
Health Care Equipment & Supplies			\$35M
Midstream			\$22M
Infrastructure			\$19M
Leisure & Recreation			\$15M
BDCs			\$8M
Semiconductors			\$6M
Media & Entertainment			\$2M
Oil & Gas Equipment & Services			\$1M
Food & Beverage			\$0M
Health Care Providers & Services			\$0M
Pharmaceuticals			\$0M
MLPs (Note)		(\$1M)	
Construction & Engineering		(\$1M)	
Insurance		(\$15M)	
Mortgage REITs		(\$20M)	
Aerospace & Defense		(\$29M)	
Biotech		(\$67M)	
Homebuilding		(\$154M)	
Retail	(\$472M)		
	-50		DM 500
		1 Week (Custom S	QL Query22)

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Communication Services	9	\$22B	\$31M	\$1,708M	\$2,087M	\$2,502M
Consumer Discretionary	13	\$33B	(\$452M)	(\$956M)	(\$695M)	\$2,839M
Consumer Staples	12	\$20B	(\$61M)	\$794M	\$1,358M	(\$3,260M)
Energy	34	\$53B	\$1,029M	(\$151M)	\$937M	\$12,150M
Financials	28	\$79B	\$562M	(\$375M)	\$1,846M	\$22,581M
Health Care	25	\$87B	(\$608M)	\$3,699M	\$4,761M	\$3,310M
Industrial	14	\$34B	\$105M	(\$2,618M)	(\$3,409M)	\$3,555M
Materials	10	\$15B	(\$143M)	(\$2,117M)	\$1,408M	\$5,321M
Multi-Sector	16	\$24B	(\$146M)	\$249M	\$1,043M	\$2,950M
Real Estate	21	\$73B	(\$34M)	\$3,077M	\$7,292M	\$13,048M
Technology	24	\$138B	\$339M	\$2,570M	\$2,754M	\$3,304M
Utilities	10	\$19B	(\$111M)	\$620M	\$372M	\$205M

U.S. Sector Landscape

U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	\$701M	\$765M	\$1,626M	\$8,929M	\$26,215M
XLK	Technology Select Sector SPDR Fund	\$346M	\$264M	\$173M	\$68M	\$43,784M
FXO	First Trust Financials AlphaDEX Fund	\$184M	(\$30M)	\$379M	\$677M	\$1,553M
KRE	SPDR S&P Regional Banking ETF	\$166M	(\$164M)	\$183M	\$2,741M	\$5,090M
KBWB	Invesco KBW Bank ETF	\$163M	\$860M	\$844M	\$1,746M	\$3,342M
KBE	SPDR S&P Bank ETF	\$120M	(\$107M)	(\$551M)	\$842M	\$3,401M
XLI	Industrial Select Sector SPDR Fund	\$101M	(\$1,162M)	(\$2,638M)	\$1,313M	\$17,652M
XOP	SPDR S&P Oil & Gas Exploration & Production E	\$89M	\$18M	(\$319M)	\$256M	\$4,156M
IGV	iShares Expanded Tech-Software Sector ETF	\$81M	\$590M	(\$207M)	(\$913M)	\$5,689M
VFH	Vanguard Financials ETF	\$62M	(\$187M)	\$411M	\$1,708M	\$11,027M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	(\$554M)	\$2,114M	\$3,602M	\$1,850M	\$30,437M
XRT	SPDR S&P Retail ETF	(\$473M)	(\$402M)	\$121M	\$82M	\$693M
XLF	Financial Select Sector SPDR Fund	(\$160M)	(\$903M)	(\$1,348M)	\$11,683M	\$41,413M
XHB	SPDR S&P Homebuilders ETF	(\$148M)	(\$351M)	(\$252M)	(\$270M)	\$1,534M
VGT	Vanguard Information Technology ETF	(\$121M)	\$439M	\$1,578M	\$1,116M	\$48,879M
XLU	Utilities Select Sector SPDR Fund	(\$118M)	\$392M	\$40M	(\$159M)	\$11,997M
IYM	iShares U.S. Basic Materials ETF	(\$107M)	(\$186M)	\$215M	\$120M	\$865N
IYR	iShares U.S. Real Estate ETF	(\$87M)	\$508M	\$1,532M	\$2,425M	\$7,374M
XLP	Consumer Staples Select Sector SPDR Fund	(\$70M)	\$572M	\$1,207M	(\$2,697M)	\$11,852M
XLB	Materials Select Sector SPDR Fund	(\$68M)	(\$1,548M)	\$506M	\$2,341M	\$7,561M

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



U.S. Sector Rolling 30-Day Flows

October 4, 2021

Communication Services



Consumer Staples

Energy







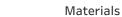


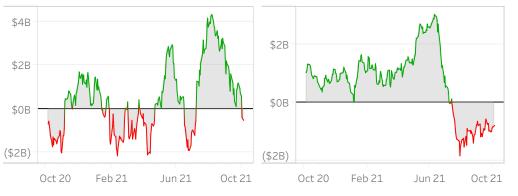




Feb 21

Health Care







Oct 21

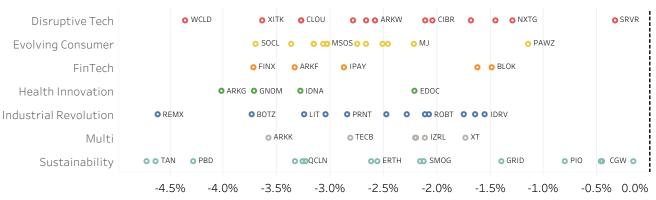
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Jun 21



Global Thematic Performance

October 4, 2021



Global Thematic 1-Day Performance Landscape

Global Thematic 1-Day Performance Leaders

Ticker	Fund	
CGW	Invesco S&P Global Water Index ETF	-0.16%
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR	-0.33%
PHO	Invesco Water Resources ETF	-0.45%
FIW	First Trust Water ETF	-0.47%
BITQ	Bitwise Crypto Industry Innovators ETF	-0.53%
EBLU	Ecofin Global Water ESG Fund	-0.68%
PIO	Invesco Global Water ETF	-0.80%
VPN	Global X Data Center REITs & Digital Infrastructure ETF	-0.81%
KSTR	KraneShares SSE STAR Market 50 Index ETF	-0.86%
LEGR	First Trust Indxx Innovative Transaction & Process ETF	-1.10%

Global Thematic 1-Day Performance Laggards

Ticker	Fund	
PBW	Invesco WilderHill Clean Energy ETF	-4.72%
TAN	Invesco Solar ETF	-4.64%
REMX	VanEck Rare Earth/Strategic Metals ETF	-4.62%
WCLD	WisdomTree Cloud Computing Fund	-4.36%
PBD	Invesco Global Clean Energy ETF	-4.29%
CTEC	Global X CleanTech ETF	-4.08%
ARKG	ARK Genomic Revolution ETF	-4.02%
THCX	Cannabis ETF	-3.86%
BOTZ	Global X Robotics & Artificial Intelligence ETF	-3.74%
FINX	Global X FinTech ETF	-3.72%

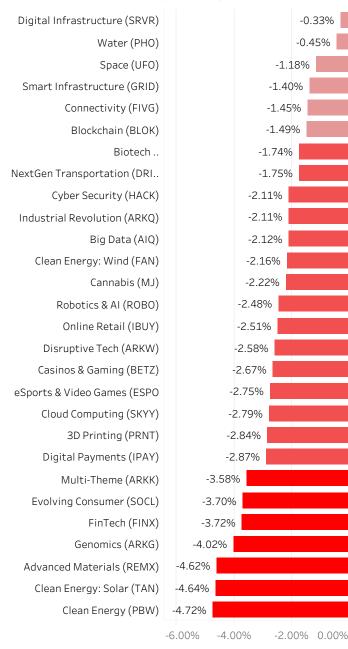
Thematic Most Overbought

Ticker	Fund	
AWAY	ETFMG Travel Tech ETF	58.26
UFO	Procure Space ETF	45.87
BETZ	Roundhill Sports Betting & iGaming ETF	45.86
BJK	VanEck Gaming ETF	43.85
BLOK	Amplify Transformational Data Sharing ETF	43.61
SBIO	ALPS Medical Breakthroughs ETF	43.47
EVX	VanEck Environmental Services ETF	42.66
BITQ	Bitwise Crypto Industry Innovators ETF	42.58
HAIL	SPDR S&P Kensho Smart Mobility ETF	40.35
MSOS	AdvisorShares Pure US Cannabis ETF	40.20

Thematic Most Oversold

	Ticker	Fund	
2%	PIO	Invesco Global Water ETF	22.97
1%	HERO	Global X Video Games & Esports ETF	24.68
2%	HTEC	ROBO Global Healthcare Technology and Innovation ETF	25.11
5%	INVE	Knowledge Leaders Developed World ETF	25.76
9%	EBLU	Ecofin Global Water ESG Fund	26.17
3%	EDOC	Global X Telemedicine & Digital Health ETF	26.33
2%	ROBO	ROBO Global Robotics & Automation Index ETF	26.35
5%	ONLN	ProShares Online Retail ETF	26.97
1%	ARKG	ARK Genomic Revolution ETF	27.02
2%	AGNG	Global X Aging Population ETF	27.56

Global Thematic Segment 1-Day Performance



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



Global Thematic Flows

Thematic 1 Week Flow Leaders

Ticker	Fund	
KWEB	KraneShares CSI China Internet ETF	\$33M
AWAY	ETFMG Travel Tech ETF	\$18M
CLOU	Global X Cloud Computing ETF	\$15M
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	\$13M
FIW	First Trust Water ETF	\$13M
MSOS	AdvisorShares Pure US Cannabis ETF	\$13M
NXTG	First Trust Indxx NextG ETF	\$8M
LEGR	First Trust Indxx Innovative Transaction & Process ETF	\$6M
XT	iShares Exponential Technologies ETF	\$6M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$5M

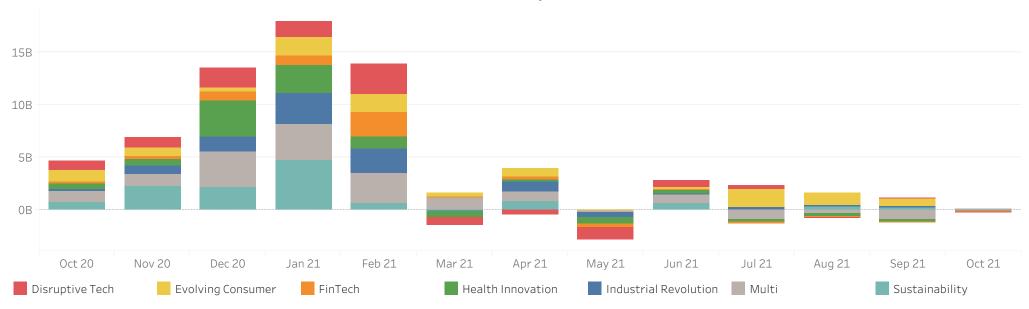
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	29	\$28B	(\$96M)	\$332M	(\$636M)	\$6,783M
Evolving Consumer	39	\$16B	\$65M	\$3,463M	\$4,563M	\$10,688M
FinTech	14	\$8B	(\$45M)	(\$321M)	(\$249M)	\$4,570M
Health Innovation	14	\$9B	(\$125M)	(\$855M)	(\$1,084M)	\$6,914M
Industrial Revolution	22	\$17B	(\$63M)	\$531M	\$648M	\$8,418M
Multi	28	\$28B	(\$232M)	(\$1,530M)	(\$1,591M)	\$12,516M
Sustainability	33	\$22B	(\$81M)	\$441M	\$1,681M	\$12,666M
Grand Total	179	\$128B	(\$577M)	\$2,060M	\$3,332M	\$62,554M

Thematic Landscape Assets & Flows

Thematic 1 Week Flow Laggards

Ticker Fund ARKK ARK Innovation ETF (\$446M) (\$170M) ARKW ARK Next Generation Internet ETF ARKG ARK Genomic Revolution ETF (\$131M) ARK Fintech Innovation ETF (\$68M) ARKF (\$51M) PBW Invesco WilderHill Clean Energy ETF Global X Autonomous & Electric Vehicles ETF (\$36M) DRIV TAN Invesco Solar ETF (\$32M) WCLD WisdomTree Cloud Computing Fund (\$21M) ARK Autonomous Technology & Robotics ETF (\$20M) ARKQ ESPO VanEck Video Gaming and eSports ETF (\$16M)

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

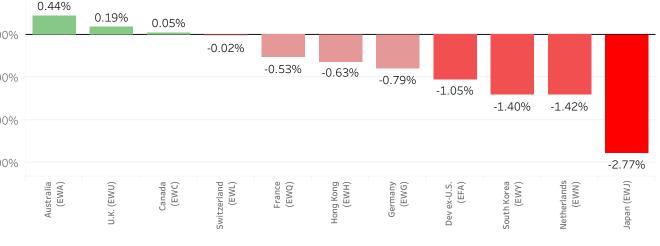


Developed Markets ex-U.S. Performance

October 4, 2021

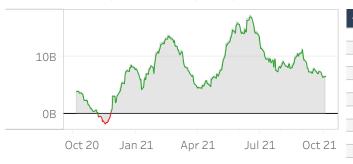






Developed ex-U.S. 1-Day Performance Top 10 Countries

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



Developed ex-U.S. Monthly Flows

Mar 21

Apr 21

Feb 21

Jan 21

May .. Jun 21 Aug 21

Jul 21

Sep 21

Oct 21

10B

5B

0B

Oct 20 Nov 20

Dec 20

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

Ticker	Fund	
EWA	iShares MSCI Australia ETF	0.44%
EWS	iShares MSCI Singapore ETF	0.31%
IDV	iShares International Select Dividend ETF	0.26%
BBAX	JPMorgan BetaBuilders Developed Asia ex-Japan ETF	0.24%
EWU	iShares MSCI United Kingdom ETF	0.19%
ENZL	iShares MSCI New Zealand ETF	0.16%
FLGB	Franklin FTSE United Kingdom ETF	0.12%
BBCA	JPMorgan BetaBuilders Canada ETF	0.08%
EWC	iShares MSCI Canada ETF	0.05%
EWP	iShares MSCI Spain ETF	0.04%

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

Ticker	Fund	
HEWJ	iShares Currency Hedged MSCI Japan ETF	-2.94%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	-2.92%
DXJ	WisdomTree Japan Hedged Equity Fund	-2.87%
IMOM	Alpha Architect International Quantitative Momentum ETF	-2.87%
JPXN	iShares JPX-Nikkei 400 ETF	-2.84%
BBJP	JPMorgan BetaBuilders Japan ETF	-2.80%
EWJ	iShares MSCI Japan ETF	-2.77%
FLJP	Franklin FTSE Japan ETF	-2.74%
SCJ	iShares MSCI Japan Small-Cap ETF	-2.11%
DFJ	WisdomTree Japan SmallCap Dividend Fund	-2.03%

Developed ex-U.S. Most Overbought

	Ticker	Fund	
Ś	EWO	iShares MSCI Austria ETF	50.16
ó	ENZL	iShares MSCI New Zealand ETF	49.51
Ś	EWS	iShares MSCI Singapore ETF	46.76
ó	EWU	iShares MSCI United Kingdom ETF	46.68
5	EWC	iShares MSCI Canada ETF	46.29
5	FLGB	Franklin FTSE United Kingdom ETF	45.33
5	BBCA	JPMorgan BetaBuilders Canada ETF	45.09
Ś	FIDI	Fidelity International High Dividend ETF	43.87
5	FNDF	Schwab Fundamental International Large Co. Index ETF	43.44
ó	EWP	iShares MSCI Spain ETF	43.39

Developed ex-U.S. Most Oversold

	Ticker	Fund	
6	RFDI	First Trust Riverfront Dynamic Developed Internatio	22.47
6	PIZ	Invesco DWA Developed Markets Momentum ETF	24.15
6	IHDG	WisdomTree International Hedged Quality Dividend	25.05
6	EFAD	ProShares MSCI EAFE Dividend Growers ETF	25.48
6	EFAV	iShares MSCI EAFE Min Vol Factor ETF	25.72
6	IQDG	WisdomTree International Quality Dividend Growth	25.87
6	IMOM	Alpha Architect International Quantitative Moment	26.16
6	IVAL	Alpha Architect International Quantitative Value ETF	26.18
6	QLVD	FlexShares Developed Markets ex-US Quality Low V	26.36
6	EDEN	iShares MSCI Denmark ETF	27.17

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

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Emerging Markets Performance

October 4, 2021

78.48

68.64

65.45

59.29

59.05

58.92

56.20

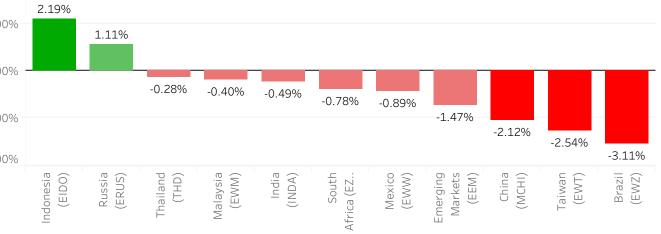
53.81

52.62

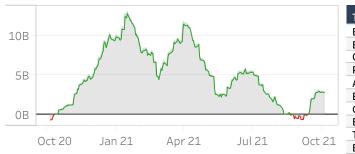
51.98

Emerging (EEM)





Emerging 30-Day Rolling Flows



Emerging Monthly Flows

Mar 21 Apr 21 May 21 Jun 21 Jul 21 Aug 21

Jan 21 Feb 21

10B

5B

0B

Oct 20 Nov 20 Dec 20 Emerging 1-Day Performance Leaders

Ticker	Fund		Ticker	Fund
EIDO	iShares MSCI Indonesia ETF	2.19%	QAT	iShares
ERUS	iShares MSCI Russia ETF	1.11%	EIDO	iShares
QAT	iShares MSCI Qatar ETF	0.79%	ERUS	iShares
RSX	VanEck Russia ETF	0.49%	SMIN	iShares
AFK	VanEck Africa Index ETF	0.10%	EPI	Wisdom
EPOL	iShares MSCI Poland ETF	0.04%	RSX	VanEck
GLIN	VanEck India Growth Leaders ETF	-0.10%	KSA	iShares
EPU	iShares MSCI Peru ETF	-0.27%	INDY	iShares
THD	iShares MSCI Thailand ETF	-0.28%	NFTY	First Tr
EPI	WisdomTree India Earnings Fund	-0.37%	EPOL	iShares

Emerging 1-Day Performance Laggards

Ticker	Fund	
EWZS	iShares MSCI Brazil Small-Cap ETF	-4.10%
PGJ	Invesco Golden Dragon China ETF	-3.34%
EWZ	iShares MSCI Brazil ETF	-3.11%
BICK	First Trust BICK Index Fund	-2.87%
FLBR	Franklin FTSE Brazil ETF	-2.86%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-2.65%
PIE	Invesco DWA Emerging Markets Momentum ETF	-2.62%
EWT	iShares MSCI Taiwan ETF	-2.54%
FXI	iShares China Large-Cap ETF	-2.49%
FLCH	Franklin FTSE China ETF	-2.27%

Emerging Most Oversold

Emerging Most Overbought

iShares MSCI Qatar ETF

iShares MSCI Russia ETF

VanEck Russia ETF

iShares India 50 ETF

iShares MSCI Poland ETF

iShares MSCI Indonesia ETF

iShares MSCI India Small Cap ETF

WisdomTree India Earnings Fund

iShares MSCI Saudi Arabia ETF

First Trust India NIFTY 50 Equal Weight ETF

Tick	er Fund	
ADF	RE Invesco BLDRS Emerging Markets 50 ADR Index Fund	29.52
BIC	K First Trust BICK Index Fund	31.48
EW	iShares MSCI Taiwan ETF	32.17
DG	RE WisdomTree Emerging Markets Quality Dividend Gr	32.25
PIE	Invesco DWA Emerging Markets Momentum ETF	32.27
FEN	IS First Trust Emerging Markets Small Cap AlphaDEX F	32.89
GEN	Goldman Sachs ActiveBeta Emerging Markets Equit	32.93
EYL	D Cambria Emerging Shareholder Yield ETF	33.13
FNI	First Trust Chindia ETF	33.20
PGJ	Invesco Golden Dragon China ETF	33.65

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Sep 21 Oct 21

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Emerging 1-Day Performance Top 10 Countries



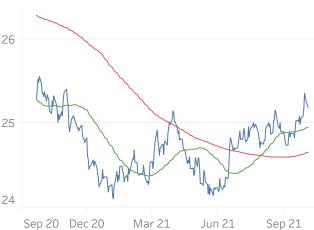
Fixed Income, Commodities & Currencies

October 4, 2021

Fixed Income (AGG)







Currencies Performance

Currencies (UUP)

Fixed Income Performance

Commodities Performance

Ticker Name 1 Month YTD Ticker Name 1 Day 1 Month YTD Ticker Name 1 Month 1 Day 1 Day 1.81% 6.38% 36.30% DJP Broad Commodities -1.44% -0.07% -0.65% AGG U.S. Aggregate 2.44% 11.81% 62.45% -0.32% 1.82% 3.88% DBE Energy UUP Long Dollar 2.31% 11.98% 65.07% -0.11% US0 WTI Crude Oil SHY 1-3 Year Treasury Bonds -0.05% -0.09% 2.58% 13.09% 66.38% BNO Brent Crude Oil IEF 7-10 Year Treasury Bonds -0.12% -1.24% -3.17% UNG Natural Gas 5.76% 24.18% 121.63% 0.27% -1.94% -4.82% UDN Short Dollar 2.77% 9.82% 66.52% UGA Gasoline -2.04% -7.01% TLT 20+ Year Treasury Bonds -0.25% -9.89% DBP Precious Metals 0.45% -4.57% 0.47% -3.33% GLD Gold -7.29% 0.19% -2.31% -5.62% FXE Euro -0.01% -0.30% 3.64% TIP **TIPS Bonds** -14.61% 0.72% -8.30% SLV Silver -5.68% -10.53% PPLT Platinum -0.96% -0.02% 0.03% 0.43% FLOT Floating Rate Bonds PALL Palladium -1.15% -21.66% -22.66% FXB British Pound Sterling 0.45% -1.86% -0.76% -0.16% -0.90% -1.67% DBB Base Metals 1.10% 1.83% 22.54% LQD Investment Grade Corporate -2.23% CPER Copper 0.51% 19.04% HYG High Yield Corporate -0.35% -0.71% 2.83% -0.71% LD -6.77% 7.84% Lead 0.70% -1.14% -5.06% FXF Swiss Franc -0.75% -10.20% 6.70% JJN Nickel 1.63% -0.18% -0.16% BKLN Senior Loan JJU 1.93% 7.32% 44.94% Aluminum JJT Tin 1.86% 5.28% 93.15% -0.70% -2.29% 3.23% PFF Preferred & Income Securities 0.12% -1.22% -7.38% FXY Japanese Yen -0.21% 1.52% 19.95% DBA Agriculture 0.05% 4.27% 31.71% CORN Corn -0.07% -0.65% 0.31% MUB Municipal Bonds -0.73% -3.38% 11.56% SOYB Soybeans Canadian Dollar 0.50% -0.43% 0.85% 0.04% -0.18% -0.61% 0.14% 3.82% 18.58% FXC MBS WEAT Wheat MBB CANE -1.52% -2.70% 38.81% Sugar -0.48% -3.12% -3.25% EMB Dollar Denominated EM Bonds 0.41% 28.54% BAL 11.60% Cotton 1.97% 4.57% 4.78% FXA Australian Dollar 0.35% -2.18% -5.75% NIB Cocoa -0.49% -3.02% -6.28% LEMB Local Currency EM Bond JO -1.04% 4.32% 49.24% Coffee

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

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