

U.S. Size & Style Performance

1.05%

Large Value (IVE) Large Cap (IVV)

0.72%

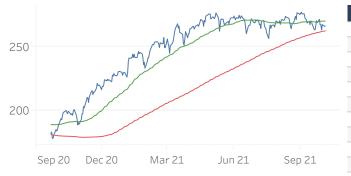
Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

Ticker	Fund	
QQH	HCM Defender 100 Index ETF	1.85%
QQQN	VictoryShares Nasdaq Next 50 ETF	1.72%
DWEQ	AdvisorShares Dorsey Wright Alpha Equal Weight ETF	1.63%
PALC	Pacer Lunt Large Cap Multi-Factor Alternator ETF	1.63%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	1.58%
FFTY	Innovator IBD 50 ETF	1.53%
XOUT	GraniteShares XOUT US Large Cap ETF	1.51%
SPMO	Invesco S&P 500 Momentum ETF	1.46%
RPG	Invesco S&P 500 Pure Growth ETF	1.44%
JOET	Virtus Terranova US Quality Momentum ETF	1.44%

Size & Style 1-Day Performance Laggards

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	Sep 20	Dec 20	Mar 21	Jun 21	Sep 21
Cl	osing Price		50 Day Mov	ving Average	200 Day Mov

Small Cap Blend (S&P 600) IJR

Ticker Fund 0.059 CALF Pacer US Small Cap Cash Cows 100 ETF 0.059 PTMC Pacer Trendpilot US Mid Cap ETF 0.069 DIV Global X SuperDividend US ETF SPYD 0.089 SPDR Portfolio S&P 500 High Dividend ETF 0.089 IJH iShares Core S&P Mid-Cap ETF 0.089 IJJ iShares S&P Mid-Cap 400 Value ETF XMLV Invesco S&P MidCap Low Volatility ETF 0.099 OSCV Opus Small Cap Value ETF 0.109 UTRN Vesper U.S. Large Cap Short-Term Reversal Strategy ETF 0.109 MDYV 0.109 SPDR S&P 400 Mid Cap Value ETF

Size & Style Most Overbought

	Ticker	Fund	
ó	RZV	Invesco S&P Smallcap 600 Pure Value ETF	62.85
Ś	AVUV	Avantis U.S. Small Cap Value ETF	60.65
5	DWAS	Invesco DWA SmallCap Momentum ETF	59.17
ó	XSVM	Invesco S&P SmallCap Value with Momentum ETF	59.13
5	SVAL	iShares US Small Cap Value Factor ETF	59.11
ó	SLYV	SPDR S&P 600 Small Cap Value ETF	57.97
ò	IJS	iShares S&P Small-Cap 600 Value ETF	57.58
Ś	XSMO	Invesco S&P SmallCap Momentum ETF	57.57
5	VIOV	Vanguard S&P Small-Cap 600 Value ETF	57.55
5	FDM	First Trust Dow Jones Select MicroCap Index Fund	57.49

Size & Style Most Oversold

	Ticker	Fund	
%	FCTR	First Trust Lunt U.S. Factor Rotation ETF	33.03
	FUIR	FIRST TRUST LUTIT 0.5. FACTOR ROLATION ETF	55.05
%	SPGP	Invesco S&P 500 GARP ETF	34.01
%	JSMD	Janus Henderson Small/Mid Cap Growth Alpha ETF	34.10
%	QGRO	American Century STOXX U.S. Quality Growth ETF	34.26
%	NUMG	Nuveen ESG Mid-Cap Growth ETF	34.51
%	ALTL	Pacer Lunt Large Cap Alternator ETF	34.76
%	DFNV	TrimTabs Donoghue Forlines Risk Managed Innovati	35.07
%	UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy	35.16
%	QQQE	Direxion NASDAQ-100 Equal Weighted Index Shares	35.22
%	QQEW	First Trust Nasdaq-100 Equal Weighted Index Fund	35.30

200 Day Moving Average 50 Day Moving Average

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



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	\$196B	\$0.32B	\$3.53B	\$11.83B	\$32.00B
Mid Cap, Beta, Beta: Value	6	\$40B	\$0.15B	\$0.11B	\$1.46B	\$4.15B
Large Cap, Beta Growth, Beta: Growth	10	\$247B	\$0.10B	\$6.24B	\$9.02B	\$4.12B
Mid Cap, Beta, Beta: Growth	6	\$38B	(\$0.03B)	(\$0.01B)	(\$1.28B)	(\$2.32B)
Small Cap, Beta, Beta: Value	7	\$56B	(\$0.14B)	(\$1.09B)	\$0.26B	\$9.08B
Small Cap, Beta, Beta: Growth	7	\$38B	(\$0.16B)	\$0.40B	(\$0.04B)	\$1.60B
Small Cap, Beta, Beta	12	\$215B	(\$0.20B)	\$3.64B	\$3.83B	\$26.14B
Mid Cap, Beta, Beta	10	\$181B	(\$0.49B)	\$0.39B	\$2.37B	\$8.23B
Large Cap, Beta Growth, Beta	24	\$1,221B	(\$2.82B)	\$27.75B	\$54.05B	\$85.86B

U.S. Size & Style Landscape Flows

U.S. Size & Style Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VTI	Vanguard Total Stock Market ETF	\$1.03B	\$11.35B	\$21.69B	\$46.32B	\$262.84B
V00	Vanguard S&P 500 ETF	\$0.97B	\$13.76B	\$24.29B	\$39.75B	\$247.21B
QQQ	Invesco QQQ Trust	\$0.39B	\$3.84B	\$7.69B	\$10.98B	\$179.67B
ITOT	iShares Core S&P Total U.S. Stock Market ETF	\$0.34B	\$1.86B	\$2.76B	\$5.90B	\$41.61B
NOBL	ProShares S&P 500 Dividend Aristocrats ETF	\$0.24B	\$0.70B	\$1.07B	\$1.50B	\$9.12B
IVW	iShares S&P 500 Growth ETF	\$0.20B	\$0.45B	(\$0.07B)	(\$2.58B)	\$34.88B
SCHD	Schwab US Dividend Equity ETF	\$0.19B	\$2.29B	\$6.12B	\$10.47B	\$28.07B
IVV	iShares Core S&P 500 ETF	\$0.18B	(\$0.58B)	\$2.20B	\$10.60B	\$286.32B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.18B	\$0.43B	\$2.40B	\$9.72B	\$28.93B
VTV	Vanguard Value ETF	\$0.17B	\$2.32B	\$7.70B	\$15.63B	\$83.41B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
PDP	Invesco DWA Momentum ETF	(\$0.58B)	\$0.00B	(\$0.05B)	(\$0.20B)	\$1.75B
IWM	iShares Russell 2000 ETF	(\$0.50B)	\$1.33B	(\$1.02B)	\$9.27B	\$67.46B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.49B)	(\$1.03B)	(\$1.18B)	(\$0.67B)	\$20.07B
IWF	iShares Russell 1000 Growth ETF	(\$0.35B)	\$1.49B	\$0.32B	(\$1.85B)	\$70.55B
IJT	iShares S&P Small-Cap 600 Growth ETF	(\$0.18B)	(\$0.24B)	(\$0.32B)	(\$0.07B)	\$6.02B
SPLV	Invesco S&P 500 Low Volatility ETF	(\$0.17B)	(\$0.35B)	(\$0.65B)	(\$2.26B)	\$7.49B
VXF	Vanguard Extended Market ETF	(\$0.13B)	\$0.14B	\$0.98B	\$2.51B	\$16.99B
FLQL	Franklin LibertyQ U.S. Equity ETF	(\$0.12B)	(\$0.29B)	(\$0.52B)	(\$0.60B)	\$0.92B
VBR	Vanguard Small Cap Value ETF	(\$0.11B)	\$0.57B	\$1.11B	\$4.12B	\$24.90B
IJH	iShares Core S&P Mid-Cap ETF	(\$0.11B)	\$0.03B	\$0.15B	\$0.59B	\$62.50B

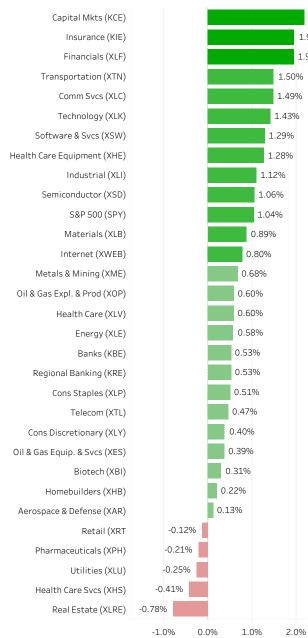
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S&P Sector & Industry 1 Day Performance

2.20%

1.97%

1.96%



Ticker	Fund Name	% From 52W High	% From 52W Low	% Abv/Below 50 SMA	% Abv/Below 200 SMA	RSI (14D)
XLF	Financial Select Sector SPDR Fund	-1.13%	63.32%	1.90%	9.06%	56.39
XLE	Energy Select Sector SPDR Fund	-2.05%	98.63%	11.46%	11.96%	70.07
XLY	Consumer Discretionary Select Sector SPDR Fund	-3.12%	25.96%	-0.95%	3.46%	44.43
SPY	SPDR S&P 500 ETF Trust	-4.43%	32.63%	-2.28%	4.43%	42.42
XLP	Consumer Staples Select Sector SPDR Fund	-5.24%	11.07%	-3.21%	0.18%	36.11
XLI	Industrial Select Sector SPDR Fund	-5.49%	33.22%	-2.72%		44.70
XLK	Technology Select Sector SPDR Fund	-5.97%	35.46%	-3.24%	5.60%	40.56
XLC	Communication Services Select Sector SPDR Fund	-6.00%	37.71%	-2.63%	4.73%	42.78
XLU	Utilities Select Sector SPDR Fund	-7.81%	10.69%	-4.16%		37.50
XLV	Health Care Select Sector SPDR Fund	-7.83%	24.08%	-5.20%	2.23%	29.84
XLRE	Real Estate Select Sector SPDR Fund	-8.41%	31.34%	-4.34%	5.46%	34.15
XLB	Materials Select Sector SPDR Fund	-8.96%	30.34%	-3.29%		43.77

Select Sector SPDRs Technicals

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	
PTF	Invesco DWA Technology Momentum ETF	2.42%
IAI	iShares U.S. Broker-Dealers & Securities Exchange	2.41%
KCE	SPDR S&P Capital Markets ETF	2.20%
PFI	Invesco DWA Financial Momentum ETF	2.05%
KIE	SPDR S&P Insurance ETF	1.97%
XLF	Financial Select Sector SPDR Fund	1.96%
IYF	iShares U.S. Financials ETF	1.85%
IAK	iShares U.S. Insurance ETF	1.82%
RYF	Invesco S&P 500 Equal Weight Financials ETF	1.78%
IGV	iShares Expanded Tech-Software Sector ETF	1.70%

Sector & Industry 1 Day Performance Laggards

Ticker	Fund	
PPTY	US Diversified Real Estate ETF	-0.86%
ICF	iShares Cohen & Steers REIT ETF	-0.85%
FRI	First Trust S&P REIT Index Fund	-0.84%
USRT	iShares Core U.S. REIT ETF	-0.82%
EWRE	Invesco S&P 500 Equal Weight Real Estate ETF	-0.82%
REZ	iShares Residential and Multisector Real Estate ETF	-0.82%
BBRE	JPMorgan BetaBuilders MSCI U.S. REIT ETF	-0.81%
KBWY	Invesco KBW Premium Yield Equity REIT ETF	-0.80%
XLRE	Real Estate Select Sector SPDR Fund	-0.78%
FREL	Fidelity MSCI Real Estate Index ETF	-0.78%

Sector & Industry Most Overbought

Ticker	Fund	
FCG	First Trust Natural Gas ETF	76.64
PXI	Invesco DWA Energy Momentum ETF	76.58
FTXN	First Trust Nasdaq Oil & Gas ETF	75.81
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	75.68
PXE	Invesco Dynamic Energy Exploration & Production ETF	75.18
PSCE	Invesco S&P SmallCap Energy ETF	73.84
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	73.29
RYE	Invesco S&P 500 Equal Weight Energy ETF	72.99
FXN	First Trust Energy AlphaDEX Fund	71.67
FENY	Fidelity MSCI Energy Index ETF	71.12

Sector & Industry Most Oversold

la	
res Biotechnology ETF	26.39
t Trust Health Care AlphaDEX Fund	26.93
sco S&P 500 Equal Weight Health Care ETF	28.41
guard Health Care ETF	28.81
n Hancock Multifactor Healthcare ETF	29.45
lity MSCI Health Care Index ETF	29.59
Ith Care Select Sector SPDR Fund	29.84
R S&P Health Care Services ETF	29.97
res U.S. Healthcare ETF	30.03
er CFRA-Stovall Equal Weight Seasonal Rotation ETF	31.95
	nd ares Biotechnology ETF t Trust Health Care AlphaDEX Fund asco S&P 500 Equal Weight Health Care ETF guard Health Care ETF n Hancock Multifactor Healthcare ETF slity MSCI Health Care Index ETF lth Care Select Sector SPDR Fund R S&P Health Care Services ETF ares U.S. Healthcare ETF er CFRA-Stovall Equal Weight Seasonal Rotation ETF

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

3.0%

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U.S. Sector Landscape

U.S. Sector & Industry 1-Week Flows



	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Communication Services	9	\$21B	(\$181M)	\$1,654M	\$2,050M	\$2,447M
Consumer Discretionary	13	\$33B	(\$428M)	(\$1,103M)	(\$560M)	\$2,610M
Consumer Staples	12	\$20B	(\$153M)	\$924M	\$1,125M	(\$3,415M)
nergy	34	\$55B	\$1,299M	\$459M	\$1,369M	\$12,638N
inancials	28	\$79B	\$667M	\$135M	\$2,279M	\$22,679N
lealth Care	25	\$85B	(\$1,129M)	\$2,792M	\$4,420M	\$2,528N
ndustrial	14	\$34B	\$82M	(\$2,579M)	(\$3,640M)	\$3,348N
Materials	10	\$15B	(\$395M)	(\$2,314M)	\$1,091M	\$5,074N
Multi-Sector	16	\$24B	(\$45M)	\$341M	\$1,059M	\$3,004N
Real Estate	21	\$73B	(\$118M)	\$3,357M	\$6,640M	\$12,389N
Technology	24	\$135B	\$259M	\$2,860M	\$3,213M	\$2,904N
Utilities	10	\$19B	(\$175M)	\$694M	\$524M	\$168N

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	\$873M	\$1,153M	\$1,945M	\$9,225M	\$26,984M
XLF	Financial Select Sector SPDR Fund	\$392M	(\$415M)	(\$741M)	\$12,165M	\$41,432M
XLK	Technology Select Sector SPDR Fund	\$286M	\$211M	\$185M	(\$301M)	\$42,734M
XOP	SPDR S&P Oil & Gas Exploration & Production E	\$187M	\$155M	(\$298M)	\$288M	\$4,286M
IGV	iShares Expanded Tech-Software Sector ETF	\$181M	\$551M	(\$211M)	(\$1,000M)	\$5,482M
KRE	SPDR S&P Regional Banking ETF	\$178M	(\$91M)	\$347M	\$2,650M	\$5,177M
XLI	Industrial Select Sector SPDR Fund	\$147M	(\$1,416M)	(\$2,812M)	\$1,076M	\$17,454M
KBE	SPDR S&P Bank ETF	\$75M	(\$128M)	(\$559M)	\$826M	\$3,389M
KBWB	Invesco KBW Bank ETF	\$64M	\$768M	\$751M	\$1,653M	\$3,246M
FCG	First Trust Natural Gas ETF	\$64M	\$101M	\$164M	\$205M	\$438M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUN
XBI	SPDR S&P BIOTECH ETF	(\$491M)	(\$164M)	\$161M	\$546M	\$6,588N
XLV	Health Care Select Sector SPDR Fund	(\$443M)	\$1,694M	\$3,511M	\$1,760M	\$29,847N
XRT	SPDR S&P Retail ETF	(\$398M)	(\$452M)	\$89M	(\$2M)	\$701N
IYM	iShares U.S. Basic Materials ETF	(\$189M)	(\$386M)	\$127M	\$16M	\$774N
XLC	Communication Services Select Sector SPDR Fu	(\$153M)	\$1,142M	\$1,221M	\$1,287M	\$14,973N
VGT	Vanguard Information Technology ETF	(\$151M)	\$396M	\$1,541M	\$1,085M	\$47,656N
PTH	Invesco DWA Healthcare Momentum ETF	(\$147M)	(\$9M)	(\$82M)	(\$114M)	\$489N
XLU	Utilities Select Sector SPDR Fund	(\$144M)	\$459M	\$179M	(\$206M)	\$12,139N
XLB	Materials Select Sector SPDR Fund	(\$124M)	(\$1,492M)	\$377M	\$2,271M	\$7,467N
XLP	Consumer Staples Select Sector SPDR Fund	(\$110M)	\$711M	\$966M	(\$2,842M)	\$11,662N

* 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

\$2B

October 5, 2021

Communication Services



Consumer Staples

les Energy

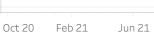


Financials



Industrial





Oct 21







(\$2B)



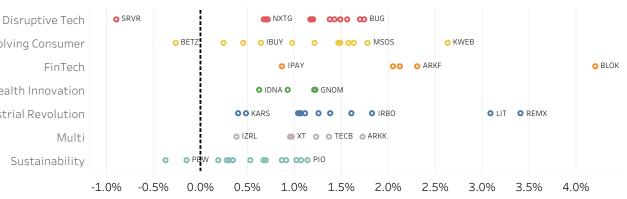
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Blockchain (BLOK)

Global Thematic Performance

October 5, 2021



Global Thematic 1-Day Performance Landscape

Global Thematic Segment 1-Day Performance

	LI/(
3	.41%
2.05%	
1.73%	
1.61%	
1.57%	
1.55%	
1.49%	
1.49%	
1.43%	
1.38%	
1.26%	
1.21%	
1.21%	
1.11%	
1.07%	
0.91%	
0.87%	
0.70%	
0.67%	
0.64%	
0.63%	
0.58%	
0.53%	
0.34%	
-0.15%	
-0.26%	
-0.90%	
0.00%	5.00%
	2.05% 1.73% 1.61% 1.57% 1.55% 1.55% 1.49% 1.49% 1.49% 1.43% 1.38% 1.26% 1.21% 1.21% 1.21% 1.21% 1.21% 1.21% 0.91% 0.87% 0.91% 0.87% 0.91% 0.87% 0.64% 0.63% 0.53% 0.53% 0.53% 0.53% 0.34%



4.21%

Global Thematic 1-Day Performance Leaders

Ticker	Fund	
BITQ	Bitwise Crypto Industry Innovators ETF	5.34%
BLOK	Amplify Transformational Data Sharing ETF	4.21%
REMX	VanEck Rare Earth/Strategic Metals ETF	3.41%
LIT	Global X Lithium & Battery Tech ETF	3.09%
POTX	Global X Cannabis ETF	2.68%
KWEB	KraneShares CSI China Internet ETF	2.63%
ARKF	ARK Fintech Innovation ETF	2.31%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	2.12%
FINX	Global X FinTech ETF	2.05%
KGRN	KraneShares MSCI China Clean Technology Index ETF	1.84%

Global Thematic 1-Day Performance Laggards

Ticker	Fund	
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCT	-0.90%
VPN	Global X Data Center REITs & Digital Infrastructure ETF	-0.51%
PBD	Invesco Global Clean Energy ETF	-0.37%
KSTR	KraneShares SSE STAR Market 50 Index ETF	-0.30%
BETZ	Roundhill Sports Betting & iGaming ETF	-0.26%
PBW	Invesco WilderHill Clean Energy ETF	-0.15%
BJK	VanEck Gaming ETF	-0.13%
AGNG	Global X Aging Population ETF	-0.11%
RNRG	Global X Funds Global X Renewable Energy Producers ETF	0.00%
BTEC	Principal Healthcare Innovators Index ETF	0.02%

Thematic Most Overbought

Fund	
ETFMG Travel Tech ETF	59.26
Amplify Transformational Data Sharing ETF	51.59
Bitwise Crypto Industry Innovators ETF	50.67
Procure Space ETF	48.67
Global X Lithium & Battery Tech ETF	47.04
First Trust Indxx Innovative Transaction & Process ETF	46.96
VanEck Environmental Services ETF	46.70
Roundhill Sports Betting & iGaming ETF	45.26
ALPS Medical Breakthroughs ETF	45.09
KraneShares MSCI China Clean Technology Index ETF	44.37
	ETFMG Travel Tech ETF Amplify Transformational Data Sharing ETF Bitwise Crypto Industry Innovators ETF Procure Space ETF Global X Lithium & Battery Tech ETF First Trust Indxx Innovative Transaction & Process ETF VanEck Environmental Services ETF Roundhill Sports Betting & iGaming ETF ALPS Medical Breakthroughs ETF

Thematic Most Oversold

Ticker	Fund	
AGNG	Global X Aging Population ETF	27.23
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR	28.01
HTEC	ROBO Global Healthcare Technology and Innovation ETF	28.68
VPN	Global X Data Center REITs & Digital Infrastructure ETF	29.09
PBD	Invesco Global Clean Energy ETF	29.36
THCX	Cannabis ETF	30.23
KFVG	KraneShares CICC China 5G & Semiconductor Index ETF	30.30
GERM	ETFMG Treatments Testing and Advancements ETF	30.36
ARKG	ARK Genomic Revolution ETF	30.49
INVE	Knowledge Leaders Developed World ETF	30.69

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Global Thematic Flows

Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$32M
KWEB	KraneShares CSI China Internet ETF	\$31M
AWAY	ETFMG Travel Tech ETF	\$16M
CLOU	Global X Cloud Computing ETF	\$15M
FIW	First Trust Water ETF	\$13M
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	\$11M
PHO	Invesco Water Resources ETF	\$10M
MSOS	AdvisorShares Pure US Cannabis ETF	\$9M
NXTG	First Trust Indxx NextG ETF	\$8M
ХТ	iShares Exponential Technologies ETF	\$6M

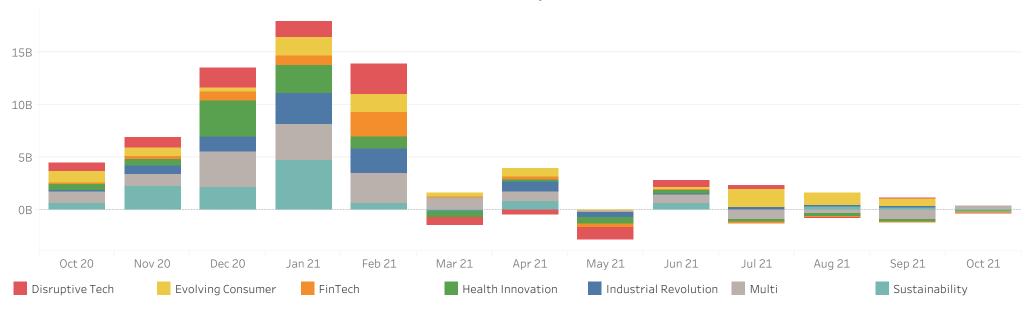
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	29	\$27B	(\$50M)	\$340M	(\$609M)	\$6,742M
Evolving Consumer	40	\$16B	\$13M	\$3,449M	\$4,399M	\$10,625M
FinTech	14	\$7B	(\$41M)	(\$321M)	(\$258M)	\$4,570M
Health Innovation	14	\$9B	(\$101M)	(\$896M)	(\$1,101M)	\$6,881M
Industrial Revolution	22	\$16B	(\$82M)	\$490M	\$477M	\$8,360M
Multi	28	\$27B	\$327M	(\$1,140M)	(\$1,457M)	\$12,790M
Sustainability	34	\$21B	(\$80M)	\$426M	\$1,595M	\$12,607M
Grand Total	181	\$124B	(\$14M)	\$2,348M	\$3,045M	\$62,575M

Thematic Landscape Assets & Flows

Thematic 1 Week Flow Laggards

Ticker Fund ARKG ARK Genomic Revolution ETF (\$134M) (\$125M) ARKW ARK Next Generation Internet ETF DRIV Global X Autonomous & Electric Vehicles ETF (\$54M) PBW (\$51M) Invesco WilderHill Clean Energy ETF (\$47M) ARKF ARK Fintech Innovation ETF ARKO ARK Autonomous Technology & Robotics ETF (\$35M) TAN Invesco Solar ETF (\$32M) QCLN First Trust Nasdaq Clean Edge Green Energy Index Fund (\$25M) VanEck Video Gaming and eSports ETF (\$16M) ESPO WCLD WisdomTree Cloud Computing Fund (\$14M)

Thematic Monthly Flows



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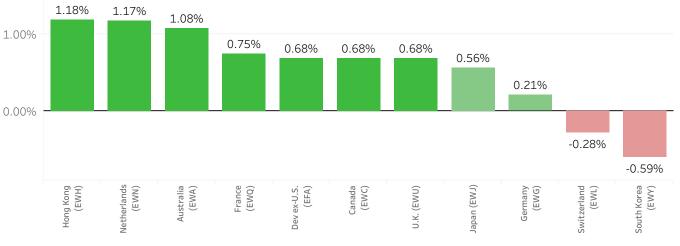


October 5, 2021



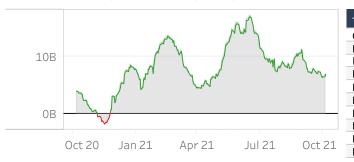
Developed ex-U.S. (EFA)





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	
GREK	Global X MSCI Greece ETF	2.46%
EWO	iShares MSCI Austria ETF	1.55%
IMOM	Alpha Architect International Quantitative Momentum ETF	1.49%
DXJ	WisdomTree Japan Hedged Equity Fund	1.48%
EWI	iShares MSCI Italy ETF	1.29%
HEWJ	iShares Currency Hedged MSCI Japan ETF	1.24%
EWH	iShares MSCI Hong Kong ETF	1.18%
EWN	iShares MSCI Netherlands ETF	1.17%
DFIV	Dimensional International Value ETF	1.16%
FDT	First Trust Developed Markets ex-US AlphaDEX Fund	1.15%

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

Ticker	Fund	
EWY	iShares MSCI South Korea ETF	-0.59%
FLKR	Franklin FTSE South Korea ETF	-0.55%
EWS	iShares MSCI Singapore ETF	-0.48%
EWL	iShares MSCI Switzerland ETF	-0.28%
ENZL	iShares MSCI New Zealand ETF	-0.03%
EUDG	WisdomTree Europe Quality Dividend Growth Fund	0.03%
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	0.04%
IQDG	WisdomTree International Quality Dividend Growth Fund	0.05%
GWX	SPDR S&P International Small Cap ETF	0.11%
EFAV	iShares MSCI EAFE Min Vol Factor ETF	0.11%

Developed ex-U.S. Most Overbought

Ticker	Fund	
EWO	iShares MSCI Austria ETF	56.13
GREK	Global X MSCI Greece ETF	50.59
EWU	iShares MSCI United Kingdom ETF	50.41
EWC	iShares MSCI Canada ETF	49.67
ENZL	iShares MSCI New Zealand ETF	49.35
FLGB	Franklin FTSE United Kingdom ETF	48.64
BBCA	JPMorgan BetaBuilders Canada ETF	48.58
EWP	iShares MSCI Spain ETF	48.55
FIDI	Fidelity International High Dividend ETF	48.01
FNDF	Schwab Fundamental International Large Co. Index ETF	47.96

Developed ex-U.S. Most Oversold

	Ticker	Fund	
6	RFDI	First Trust Riverfront Dynamic Developed Internatio	25.14
6	IQDG	WisdomTree International Quality Dividend Growth	26.21
6	EFAV	iShares MSCI EAFE Min Vol Factor ETF	26.90
6	IHDG	WisdomTree International Hedged Quality Dividend	27.08
6	EUDG	WisdomTree Europe Quality Dividend Growth Fund	27.45
6	EFAD	ProShares MSCI EAFE Dividend Growers ETF	28.26
6	HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	29.42
6	PIZ	Invesco DWA Developed Markets Momentum ETF	29.46
6	EDEN	iShares MSCI Denmark ETF	29.91
6	QLVD	FlexShares Developed Markets ex-US Quality Low V	30.17

Developed ex-U.S. 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



Emerging Markets Performance

October 5, 2021

80.80

73.21

70.87

66.89

66.36

63.76

62.71

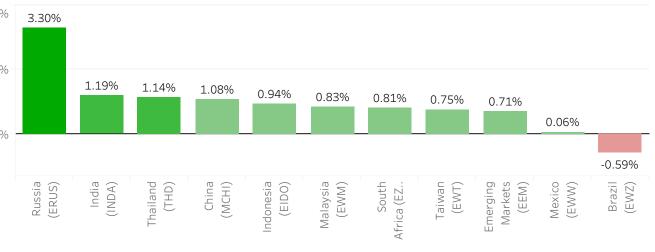
59.50

58.01

57.61







Ticker Fund

iShares MSCI Qatar ETF

iShares MSCI Russia ETF

VanEck Russia ETF

iShares India 50 ETF

iShares MSCI India ETF

iShares MSCI Indonesia ETF

iShares MSCI Saudi Arabia ETF

WisdomTree India Earnings Fund

iShares MSCI India Small Cap ETF

First Trust India NIFTY 50 Equal Weight ETF

QAT

ERUS

EIDO

RSX

KSA

EPI

SMIN

INDY

NFTY

INDA

Emerging 1-Day Performance Top 10 Countries

Emerging 30-Day Rolling Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	
ERUS	iShares MSCI Russia ETF	3.30%
PGJ	Invesco Golden Dragon China ETF	2.73%
RSX	VanEck Russia ETF	2.68%
FNI	First Trust Chindia ETF	1.91%
PIE	Invesco DWA Emerging Markets Momentum ETF	1.88%
KSA	iShares MSCI Saudi Arabia ETF	1.85%
EPHE	iShares MSCI Philippines ETF	1.60%
FXI	iShares China Large-Cap ETF	1.41%
HEEM	iShares Currency Hedged MSCI Emerging Markets ETF	1.40%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	1.36%

Emerging 1-Day Performance Laggards

Ticker	Fund		Ticker	Fund
EWZS	iShares MSCI Brazil Small-Cap ETF	-1.78%	ECH	iShares MSCI Chile ET
ECH	iShares MSCI Chile ETF	-1.28%	BICK	First Trust BICK Index
TUR	iShares MSCI Turkey ETF	-0.75%	TUR	iShares MSCI Turkey
FLBR	Franklin FTSE Brazil ETF	-0.62%	ADRE	Invesco BLDRS Emerg
EWZ	iShares MSCI Brazil ETF	-0.59%	EWT	iShares MSCI Taiwan
ILF	iShares Latin America 40 ETF	-0.49%	GEM	Goldman Sachs Activ
FRDM	Freedom 100 Emerging Markets ETF	-0.25%	FRDM	Freedom 100 Emergi
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-0.16%	FEMS	First Trust Emerging
CNYA	iShares MSCI China A ETF	-0.04%	ILF	iShares Latin America
KBA	KraneShares Bosera MSCI China A Share ETF	0.00%	EWZ	iShares MSCI Brazil E

Emerging Most Oversold

Emerging Most Overbought

	Ticker	Fund	
)	ECH	iShares MSCI Chile ETF	32.05
)	BICK	First Trust BICK Index Fund	34.27
)	TUR	iShares MSCI Turkey ETF	34.61
)	ADRE	Invesco BLDRS Emerging Markets 50 ADR Index Fund	34.80
)	EWT	iShares MSCI Taiwan ETF	35.62
)	GEM	Goldman Sachs ActiveBeta Emerging Markets Equit	35.88
)	FRDM	Freedom 100 Emerging Markets ETF	35.88
)	FEMS	First Trust Emerging Markets Small Cap AlphaDEX F	36.02
)	ILF	iShares Latin America 40 ETF	36.10
)	EWZ	iShares MSCI Brazil ETF	36.43

Emerging Monthly Flows



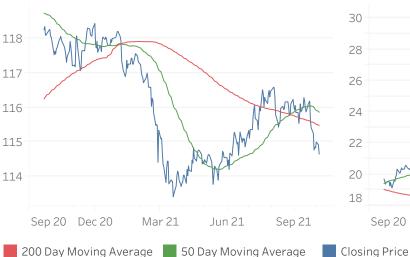
* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

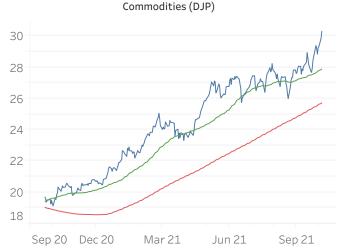


Fixed Income, Commodities & Currencies

October 5, 2021

Fixed Income (AGG)







Currencies Performance

Fixed Income Performance

Commodities Performance

Ticker Name 1 Day 1 Month YTD Ticker Name 1 Day 1 Month YTD Ticker Name 1 Month 1 Day 1.51% 7.98% 38.36% DJP Broad Commodities -0.23% -0.88% -1.67% AGG U.S. Aggregate 2.56% 14.67% 66.61% 0.20% 2.02% 4.08% DBE Energy UUP Long Dollar 2.09% 14.32% 68.52% US0 WTI Crude Oil SHY 1-3 Year Treasury Bonds -0.01% -0.10% -0.12% 2.01% 15.36% 69.72% BNO Brent Crude Oil IEF 7-10 Year Treasury Bonds -0.31% -1.55% -3.47% UNG Natural Gas 6.82% 32.64% 136.74% -0.14% -2.08% -4.96% UDN Short Dollar 2.12% 12.15% 70.05% UGA Gasoline -0.97% -2.98% -7.90% TLT 20+ Year Treasury Bonds -10.23% DBP Precious Metals -0.38% -4.93% -0.47% -3.78% -7.72% GLD Gold -2.48% -0.18% -5.79% FXE Euro -0.20% 3.74% TIP **TIPS Bonds** 0.10% -14.86% -0.29% -8.57% SLV Silver -5.92% -10.76% PPLT Platinum -0.26% 0.06% 0.09% 0.49% FLOT Floating Rate Bonds PALL Palladium 0.09% -21.59% -22.59% FXB British Pound Sterling 0.05% -1.80% -0.70% -0.41% -1.31% -2.07% DBB Base Metals -0.09% 1.73% 22.42% LQD Investment Grade Corporate -3.33% CPER Copper -1.12% 17.71% HYG High Yield Corporate -0.05% -0.75% 2.78% LD 0.96% -5.87% 8.88% Lead -0.43% -1.57% -5.47% FXF Swiss Franc 0.99% -9.32% 7.75% JJN Nickel 0.05% -0.11% 1.67% BKLN Senior Loan JJU -0.09% 7.22% 44.81% Aluminum JJT Tin 1.55% 6.91% 96.15% -0.03% -2.31% 3.20% PFF Preferred & Income Securities -0.51% -1.73% -7.85% FXY Japanese Yen -0.62% 0.89% 19.21% DBA Agriculture -1.02% 3.20% 30.36% CORN Corn 0.03% -0.62% 0.34% MUB Municipal Bonds 1.34% -2.09% 13.05% SOYB Soybeans Canadian Dollar 0.00% -0.43% 0.85% -0.17% -0.34% -0.78% -1.23% 2.55% 17.12% FXC MBS WEAT Wheat MBB CANE 1.07% -1.66% 40.30% Sugar -3.05% 0.06% -3.19% EMB Dollar Denominated EM Bonds 18.27% BAL 5.97% 36.21% Cotton 0.15% 4.73% 4.94% FXA Australian Dollar -0.01% -2.19% -5.77% NIB Cocoa -0.28% -3.29% -6.54% LEMB Local Currency EM Bond JO -5.14% -1.05% 41.57% 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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