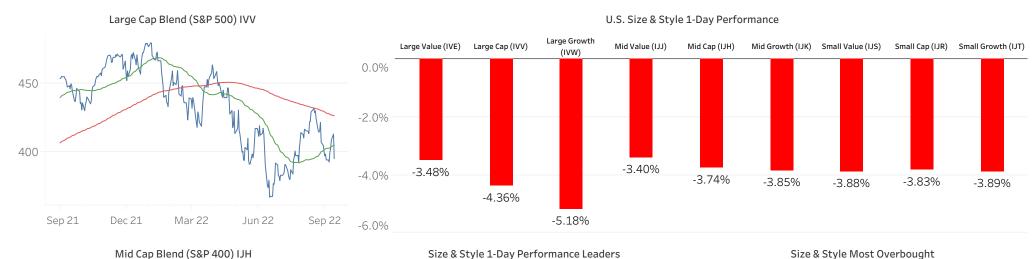
# U.S. Size & Style Performance





Mid Cap Blend (S&P 400) IJH 280 260 240 220 Sep 21 Dec 21 Mar 22 Jun 22 Sep 22

Ticker	Fund	
ONOF	Global X Adaptive U.S. Risk Management ETF	
PTMC	Pacer Trendpilot US Mid Cap ETF	
PTLC	Pacer Trendpilot US Large Cap ETF	-

ONOF	Global X Adaptive U.S. Risk Management ETF	0.08%
PTMC	Pacer Trendpilot US Mid Cap ETF	0.00%
PTLC	Pacer Trendpilot US Large Cap ETF	-0.04%
SPC	CrossingBridge Pre-Merger SPAC ETF	-0.05%
LSAT	Leadershares Alphafactor Tactical Focused ETF	-0.06%
RPHS	Regents Park Hedged Market Strategy ETF	-0.23%
CSF	VictoryShares US Discovery Enhanced Volatility Wtd ETF	-0.78%
TPLE	Timothy Plan Us Large/Mid Cap Core Enhanced ETF	-0.93%
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	-1.00%
LGH	HCM Defender 500 Index ETF	-1.65%

Size & Style Most Overbought

Ticker	Fund	
PTLC	Pacer Trendpilot US Large Cap ETF	58.11
ONOF	Global X Adaptive U.S. Risk Management ETF	54.40
LSAT	Leadershares Alphafactor Tactical Focused ETF	51.46
SPC	CrossingBridge Pre-Merger SPAC ETF	50.52
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	49.14
FCTR	First Trust Lunt U.S. Factor Rotation ETF	49.05
EQRR	ProShares Equities for Rising Rates ETF	48.68
IPO	Renaissance IPO ETF	48.17
FPX	First Trust US Equity Opportunities ETF	48.15
CZA	Invesco Zacks Mid-Cap ETF	46.41

Small Cap Blend (S&P 600) IJR								
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90				Λ				
	Sep 21	Dec 21	Mar 22	Jun 22	Sep 22			

50 Day Moving Average

Closing Price

Size & Style 1-Day Performance Laggards

Ticker	Fund	
QQQ	Invesco QQQ Trust	-5.48%
QQQM	Invesco NASDAQ 100 ETF	-5.45%
EQRR	ProShares Equities for Rising Rates ETF	-5.41%
MGK	Vanguard Mega Cap Growth ETF	-5.37%
BUZZ	VanEck Social Sentiment ETF	-5.35%
ONEQ	Fidelity Nasdaq Composite Index ETF	-5.25%
LCG	Sterling Capital Focus Equity ETF	-5.25%
SCHG	Schwab U.S. Large-Cap Growth ETF	-5.24%
SPYG	SPDR Portfolio S&P 500 Growth ETF	-5.20%
ALTL	Pacer Lunt Large Cap Alternator ETF	-5.18%

Size & Style Most Oversold

Ticker	Fund	
PTMC	Pacer Trendpilot US Mid Cap ETF	19.98
USNZ	Xtrackers Net Zero Pathway Paris Aligned US Equity	21.14
QVMS	Invesco S&P SmallCap 600 QVM Multi-factor ETF	29.30
SIXS	ETC 6 Meridian Small Cap Equity ETF	34.97
CSB	VictoryShares US Small Cap High Dividend Volatility	35.49
DJD	Invesco Dow Jones Industrial Average Dividend ETF	36.97
XSVM	Invesco S&P SmallCap Value with Momentum ETF	36.98
CALF	Pacer US Small Cap Cash Cows 100 ETF	37.07
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ETF	37.27
QQH	HCM Defender 100 Index ETF	37.62

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

200 Day Moving Average



#### Large-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	25	\$1,254B	\$6.15B	\$27.63B	\$31.13B	\$101.70B
Large Cap, Beta Growth, Beta: Growth	10	\$232B	(\$0.89B)	\$6.33B	\$12.60B	\$15.07B
Large Cap, Beta Growth, Beta: Value	11	\$218B	(\$0.09B)	\$0.37B	\$3.74B	\$24.43B
Mid Cap, Beta, Beta	10	\$180B	\$0.20B	\$1.43B	\$5.21B	\$10.01B
Mid Cap, Beta, Beta: Growth	6	\$34B	(\$0.01B)	\$0.69B	\$1.08B	\$0.09B
Mid Cap, Beta, Beta: Value	6	\$40B	(\$0.11B)	\$0.15B	(\$0.15B)	\$0.99B
Small Cap, Beta, Beta	13	\$192B	\$0.64B	(\$0.06B)	(\$4.08B)	\$5.96B
Small Cap, Beta, Beta: Growth	7	\$32B	(\$0.33B)	(\$0.14B)	\$0.39B	\$0.14B
Small Cap, Beta, Beta: Value	7	\$50B	(\$0.12B)	(\$1.78B)	(\$4.09B)	(\$2.63B)

#### Mid-Cap 30-Day Rolling Flows



U.S. Size & Style Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	\$2.58B	\$1.47B	\$5.79B	\$12.30B	\$170.87B
SPY	SPDR S&P 500 ETF Trust	\$2.23B	\$9.55B	\$1.30B	\$1.75B	\$373.25B
VOO	Vanguard S&P 500 ETF	\$0.75B	\$10.41B	\$12.35B	\$43.69B	\$272.75B
USMV	iShares MSCI USA Min Vol Factor ETF	\$0.65B	\$2.31B	\$2.53B	\$2.07B	\$29.38B
IVV	iShares Core S&P 500 ETF	\$0.64B	\$2.34B	\$5.93B	\$30.51B	\$308.24B
IWM	iShares Russell 2000 ETF	\$0.42B	(\$1.97B)	(\$3.50B)	(\$1.57B)	\$54.98B
VTI	Vanguard Total Stock Market ETF	\$0.41B	\$5.25B	\$10.68B	\$28.75B	\$269.86B
SCHD	Schwab US Dividend Equity ETF	\$0.22B	\$3.24B	\$6.75B	\$11.90B	\$38.60B
VB	Vanguard Small-Cap ETF	\$0.22B	(\$0.53B)	(\$0.72B)	(\$0.31B)	\$43.06B
VO	Vanguard Mid-Cap ETF	\$0.21B	\$0.33B	\$2.31B	\$2.61B	\$52.11B

#### Small-Cap 30-Day Rolling Flows

\$10B-	aryl my	٨.	N A	
\$0B-	N. Mr. W	NW	Variation III	hy !
(\$10B)			<u> </u>	Y
	Sep 21 Dec 21	Mar 22	Jun 22	Sep 22

#### U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPYG	SPDR Portfolio S&P 500 Growth ETF	(\$0.94B)	\$1.20B	\$1.95B	\$1.67B	\$14.08B
IJT	iShares S&P Small-Cap 600 Growth ETF	(\$0.40B)	\$0.22B	\$0.16B	(\$0.09B)	\$5.34B
IWB	iShares Russell 1000 ETF	(\$0.17B)	(\$0.05B)	\$0.75B	\$0.19B	\$28.28B
IVE	iShares S&P 500 Value ETF	(\$0.13B)	(\$0.30B)	\$0.31B	\$2.22B	\$23.87B
PSC	Principal U.S. Small-Cap Multi-Factor ETF	(\$0.12B)	(\$0.35B)	(\$0.38B)	(\$1.20B)	\$0.32B
USMC	Principal U.S. Mega-Cap ETF	(\$0.11B)	(\$0.30B)	(\$0.31B)	(\$0.84B)	\$1.15B
IJJ	iShares S&P Mid-Cap 400 Value ETF	(\$0.11B)	\$0.01B	\$0.02B	(\$0.97B)	\$7.48B
QUAL	iShares MSCI USA Quality Factor ETF	(\$0.11B)	(\$1.29B)	(\$1.02B)	(\$2.04B)	\$19.29B
IJS	iShares S&P Small-Cap 600 Value ETF	(\$0.10B)	(\$1.39B)	(\$1.28B)	(\$1.06B)	\$6.79B
IWR	iShares Russell Midcap ETF	(\$0.07B)	\$0.06B	\$0.93B	\$1.90B	\$28.59B

<sup>\*</sup>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



<sup>\*</sup>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		\$13B	(\$507M)	(\$179M)	(\$638M)	(\$1,781M)
Consumer Discretionary	13	\$25B	\$535M	(\$496M)	(\$2,141M)	(\$4,265M)
Consumer Staples	11	\$29B	\$917M	\$1,610M	\$3,642M	\$6,247M
Energy	34	\$77B	(\$381M)	(\$4,886M)	(\$7,165M)	\$1,737M
Financials	27	\$62B	(\$91M)	(\$89M)	(\$11,942M)	(\$6,253M)
Health Care	24	\$93B	\$118M	\$573M	\$6,801M	\$11,007M
Industrial	14	\$29B	(\$33M)	(\$1,329M)	(\$2,837M)	(\$3,879M)
Materials	10	\$14B	(\$201M)	(\$2,991M)	(\$2,460M)	(\$1,430M)
Multi-Sector	19	\$14B	\$24M	(\$1,696M)	(\$3,143M)	(\$4,571M)
Real Estate	25	\$68B	\$58M	(\$2,462M)	(\$3,120M)	(\$883M)
Technology	24	\$115B	(\$456M)	(\$350M)	\$1,312M	\$964M
Utilities	10	\$30B	\$311M	\$1,333M	\$4,893M	\$4,458M

#### U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLP	Consumer Staples Select Sector SPDR Fund	\$874M	\$887M	\$985M	\$2,597M	\$16,542M
XLY	Consumer Discretionary Select Sector SPDR Fu	\$528M	(\$383M)	(\$128M)	(\$669M)	\$16,921M
XLU	Utilities Select Sector SPDR Fund	\$261M	\$885M	\$3,441M	\$2,319M	\$18,650M
IBB	iShares Biotechnology ETF	\$136M	\$44M	(\$10M)	\$10M	\$8,269M
XBI	SPDR S&P BIOTECH ETF	\$120M	\$298M	\$850M	\$3,097M	\$8,020M
XLRE	Real Estate Select Sector SPDR Fund	\$67M	\$7M	\$558M	\$1,565M	\$5,511M
IYT	iShares US Transportation ETF	\$60M	(\$11M)	(\$537M)	(\$531M)	\$940M
VNQ	Vanguard Real Estate ETF	\$59M	(\$1,259M)	(\$1,897M)	\$327M	\$39,666M
FDN	First Trust Dow Jones Internet Index Fund	\$57M	(\$303M)	(\$1,385M)	(\$2,704M)	\$4,337M
IYH	iShares U.S. Healthcare ETF	\$54M	\$323M	\$391M	\$305M	\$3,202M

#### U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLC	Communication Services Select Sector SPDR Fu	(\$521M)	(\$109M)	(\$362M)	(\$1,363M)	\$9,383M
IGM	iShares Expanded Tech Sector ETF	(\$396M)	(\$465M)	(\$321M)	\$485M	\$3,312M
XLE	Energy Select Sector SPDR Fund	(\$264M)	(\$2,337M)	(\$2,901M)	(\$975M)	\$37,560M
XLV	Health Care Select Sector SPDR Fund	(\$161M)	(\$519M)	\$5,013M	\$6,985M	\$39,388M
XLB	Materials Select Sector SPDR Fund	(\$128M)	(\$1,384M)	(\$978M)	(\$1,791M)	\$5,619M
XLF	Financial Select Sector SPDR Fund	(\$99M)	\$476M	(\$6,063M)	(\$2,876M)	\$33,657M
XOP	SPDR S&P Oil & Gas Exploration & Production E	(\$78M)	(\$335M)	(\$2,086M)	(\$558M)	\$4,599M
IYW	iShares U.S. Technology ETF	(\$72M)	(\$50M)	(\$451M)	(\$365M)	\$6,852M
XLI	Industrial Select Sector SPDR Fund	(\$69M)	(\$1,054M)	(\$1,913M)	(\$3,608M)	\$13,279M
AMLP	Alerian MLP ETF	(\$67M)	(\$345M)	(\$131M)	\$441M	\$6,730M

<sup>\*</sup>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





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





Clean Energy: Solar (TAN)

Clean Energy: Wind (FAN)

Smart Infrastructure (GRID)

Advanced Materials (REMX)

Digital Infrastructure (SRVR) NextGen Transportation (DRI..

Cyber Security (HACK)

Genomics (ARKG)
Cloud Computing (SKYY)

Cannabis (MJ)

Online Retail (IBUY)

Multi-Theme (ARKK)

Blockchain (BLOK)

Disruptive Tech (ARKW)

Clean Energy (PBW)

Space (UFO)

Water (PHO)

Biotech ..

#### Global Thematic Segment 1-Day Performance

-1.75%

-2.55%

-3.27%

-3.28%

-3.30%

-3.53%

-3.80%

-3.89%

-4.02% -4.11%

-4.19%

-5.57%

-5.57%

-5.00%

-6.15%

-6.58% -6.79%

-6.96%

-7.01%

#### ARKW oo SKYY oo o co BUG Disruptive Tech **Evolving Consumer** MSOS co EMQQ O IPAY O ARKF FinTech Health Innovation ARKG Industrial Revolution BOTZ O ORIVO REMX KARS O LIT METV O XT O KOMP Multi TECB @GRID @ @ @ @ 0 TAN Sustainability -7.0% -6.0% -5.0% -4.0% -3.0% -2.0% -1.0% 0.0%

Global Thematic 1-Day Performance Landscape

#### Global Thematic 1-Day Performance Leaders

Thematic Most Overbought

Digital Payments (IPAY)	-4.319	6	Ticker	Fund		Ticker	Fund	
3D Printing (PRNT)	-4.329	6	KGRN	KraneShares MSCI China Clean Technology Index ETF	-1.27%	ACES	ALPS Clean Energy ETF	59.03
eSports & Video Games (ESPO	-4.349	6	TAN	Invesco Solar ETF	-1.75%	QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	57.04
esports & video dames (ESFO	7.57	0	SMOG	VanEck Low Carbon Energy ETF	-1.86%	TAN	Invesco Solar ETF	56.11
Industrial Revolution (ARKQ)	-4.369	6	LIT	Global X Lithium & Battery Tech ETF	-1.91%	REMX	VanEck Rare Earth/Strategic Metals ETF	53.84
Robotics & AI (ROBO)	-4.54%		ACES	ALPS Clean Energy ETF	-1.98%	CNRG	SPDR S&P Kensho Clean Power ETF	53.83
Dia Data (AIO)	-4.57%		ERTH	Invesco MSCI Sustainable Future ETF	-2.22%	ICLN	iShares Global Clean Energy ETF	52.83
Big Data (AIQ)	-4.5/%		KSTR	KraneShares SSE STAR Market 50 Index ETF	-2.32%	EVX	VanEck Environmental Services ETF	52.24
Connectivity (FIVG)	-4.69%		BATT	Amplify Lithium & Battery Technology ETF	-2.38%	PBW	Invesco WilderHill Clean Energy ETF	51.72
Evolving Consumer (SOCL)	-4.82%		QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	-2.40%	SMOG	VanEck Low Carbon Energy ETF	51.39
, ,			RNRG	Global X Funds Global X Renewable Energy Producers ETF	-2.45%	CTEC	Global X CleanTech ETF	51.36
FinTech (FINX)	-4.97%							
Casinos & Gaming (BETZ)	-5.05%			Global Thematic 1-Day Performance Laggards			Thematic Most Oversold	

Global Thematic 1-Day Performance Laggards Thematic Most Oversold			Thematic Most Oversold		
Ticker	Fund		Ticker	Fund	
ВКСН	Global X Blockchain ETF	-9.71%	KSTR	KraneShares SSE STAR Market 50 Index ETF	31.52
BITQ	Bitwise Crypto Industry Innovators ETF	-9.30%	NXTG	First Trust Indxx NextG ETF	35.28
MSOS	AdvisorShares Pure US Cannabis ETF	-7.16%	VPN	Global X Data Center REITs & Digital Infrastructure ETF	36.90
ARKW	ARK Next Generation Internet ETF	-7.01%	PAWZ	ProShares Pet Care ETF	36.92
BLOK	Amplify Transformational Data Sharing ETF	-6.96%	ESPO	VanEck Video Gaming and eSports ETF	37.00
ARKK	ARK Innovation ETF	-6.79%	FIVG	Defiance Next Gen Connectivity ETF	37.10
ARKF	ARK Fintech Innovation ETF	-6.78%	MSOS	AdvisorShares Pure US Cannabis ETF	37.17
IBUY	Amplify Online Retail ETF	-6.58%	YOLO	AdvisorShares Pure Cannabis ETF	37.26
ONLN	ProShares Online Retail ETF	-6.48%	QTUM	Defiance Quantum ETF	37.62
METV	Roundhill Ball Metaverse ETF	-6.42%	GAMR	Wedbush ETFMG Video Game Tech ETF	37.70

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

0.00%





WisdomTree Cloud Computing Fund

Direxion Daily 5G Communications Bull 2X Shares

Ticker Fund

ARKW

MJUS

WCLD

#### Thematic 1 Week Flow Leaders

Fund	
ARK Innovation ETF	\$247M
First Trust Water ETF	\$20M
ARK Next Generation Internet ETF	\$15M
ETFMG U.S. Alternative Harvest ETF	\$12M
ARK Fintech Innovation ETF	\$7M
First Trust Nasdaq Clean Edge Green Energy Index Fund	\$6M
Global X Cloud Computing ETF	\$6M
SPDR S&P Kensho New Economies Composite ETF	\$5M

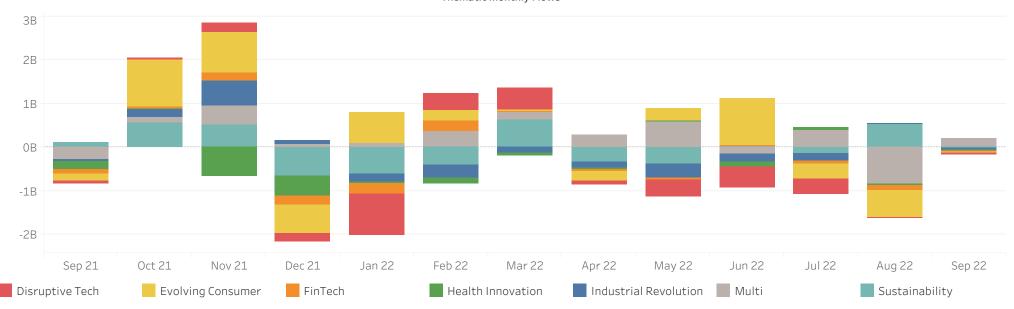
#### Thematic 1 Week Flow Laggards

Ticker	Fund	
KWEB	KraneShares CSI China Internet ETF	(\$32M)
HACK	ETFMG Prime Cyber Security ETF	(\$19M)
TARK	AXS 2X Innovation ETF	(\$17M)
ICLN	iShares Global Clean Energy ETF	(\$16M)
XT	iShares Exponential Technologies ETF	(\$14M)
BLOK	Amplify Transformational Data Sharing ETF	(\$11M)
PBW	Invesco WilderHill Clean Energy ETF	(\$10M)
AWAY	ETFMG Travel Tech ETF	(\$7M)
IPAY	ETFMG Prime Mobile Payments ETF	(\$6M)
ARKG	ARK Genomic Revolution ETF	(\$6M)

#### Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$19B	(\$6M)	(\$566M)	(\$1,211M)	(\$1,429M)
Evolving Consumer	47	\$11B	(\$30M)	(\$450M)	\$666M	\$2,340M
FinTech	24	\$3B	(\$6M)	(\$197M)	(\$241M)	(\$373M)
Health Innovation	19	\$4B	\$0M	(\$117M)	(\$86M)	(\$1,677M)
Industrial Revolution	32	\$13B	(\$10M)	(\$351M)	(\$938M)	(\$640M)
Multi	41	\$16B	\$291M	\$67M	\$286M	\$1,488M
Sustainability	42	\$21B	\$7M	\$464M	(\$279M)	(\$167M)
Grand Total	240	\$86B	\$246M	(\$1,150M)	(\$1,802M)	(\$458M)

#### Thematic Monthly Flows

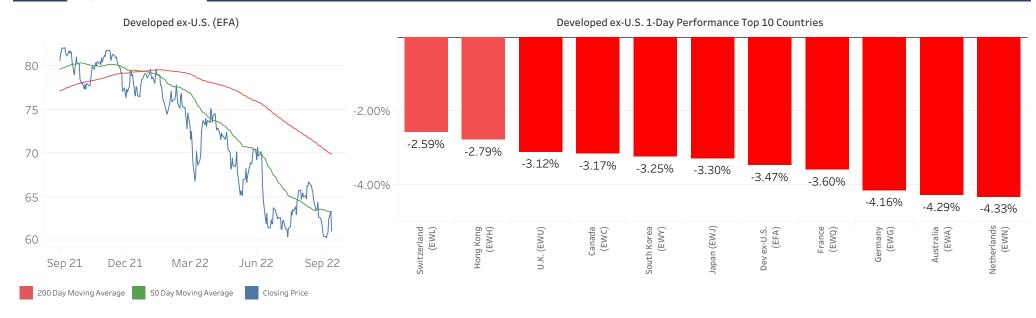


<sup>\*</sup>ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day

\$3M \$3M







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

10B

OB

Sep 21 Dec 21 Mar 22 Jun 22 Sep 22

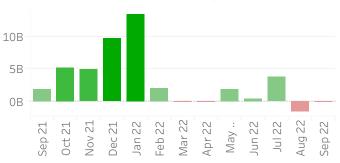
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	
PTIN	Pacer Trendpilot International ETF	-0.12%
LVHI	Franklin International Low Volatility High Dividend Index ETF	-1.51%
DXJ	WisdomTree Japan Hedged Equity Fund	-1.84%
IMFL	Invesco International Developed Dynamic Multifactor ETF	-2.03%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	-2.04%
HEWJ	iShares Currency Hedged MSCI Japan ETF	-2.06%
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	-2.14%
HEFA	iShares Currency Hedged MSCI EAFE ETF	-2.15%
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	-2.15%
DREII	Ytrackers MSCI Europe Hedged Equity ETE	-2 18%

Developed ex-U.S. Most Overbought

	Ticker	Fund	
6	PTIN	Pacer Trendpilot International ETF	52.09
6	EWI	iShares MSCI Italy ETF	49.07
6	EWO	iShares MSCI Austria ETF	49.02
6	BBCA	JPMorgan BetaBuilders Canada ETF	48.04
6	EWC	iShares MSCI Canada ETF	47.39
6	FLCA	Franklin FTSE Canada ETF	47.31
6	DXJ	WisdomTree Japan Hedged Equity Fund	47.31
6	EIRL	iShares MSCI Ireland ETF	47.27
6	EWS	iShares MSCI Singapore ETF	47.12
6	HEDJ	WisdomTree Europe Hedged Equity Fund	47.09

Developed ex-U.S. Monthly Flows



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

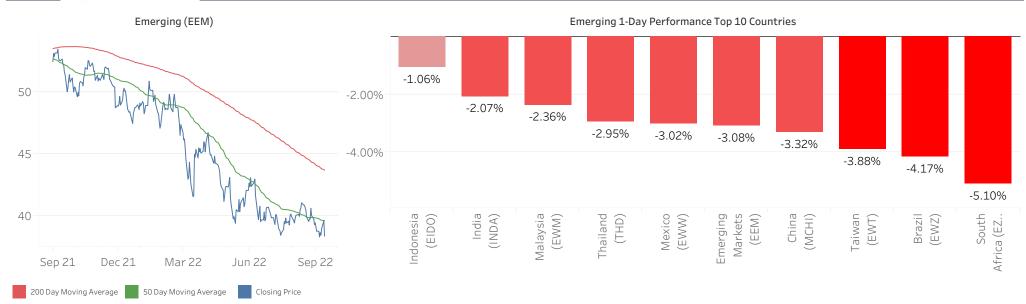
Ticker	Fund	
EWD	iShares MSCI Sweden ETF	-4.57%
EWN	iShares MSCI Netherlands ETF	-4.33%
EWA	iShares MSCI Australia ETF	-4.29%
EIRL	iShares MSCI Ireland ETF	-4.26%
EWG	iShares MSCI Germany ETF	-4.16%
ENZL	iShares MSCI New Zealand ETF	-4.06%
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Japan E	-4.05%
IEUS	iShares MSCI Europe Small-Cap ETF	-4.03%
ток	iShares MSCI Kokusai ETF	-4.01%
EDEN	iShares MSCI Denmark ETF	-3.96%

Developed ex-U.S. Most Oversold

Ticker	Fund	
EWJ	iShares MSCI Japan ETF	33.44
FLJP	Franklin FTSE Japan ETF	33.51
<b>EWJV</b>	iShares MSCI Japan Value ETF	33.59
BBJP	JPMorgan BetaBuilders Japan ETF	33.74
JPXN	iShares JPX-Nikkei 400 ETF	34.43
DFJ	WisdomTree Japan SmallCap Dividend Fund	34.57
EWY	iShares MSCI South Korea ETF	35.30
VPL	Vanguard FTSE Pacific ETF	35.44
SCJ	iShares MSCI Japan Small-Cap ETF	36.04
IPAC	iShares Core MSCI Pacific ETF	36.53

<sup>\*</sup>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 30-Day Rolling Flows

10B
5B
0B
Sep 21 Dec 21 Mar 22 Jun 22 Sep 22

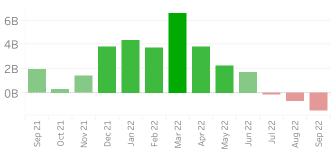
**Emerging 1-Day Performance Leaders** 

Ticker	Fund	
QAT	iShares MSCI Qatar ETF	-0.07%
EIDO	iShares MSCI Indonesia ETF	-1.06%
RAYC	Rayliant Quantamental China Equity ETF	-1.72%
KSA	iShares MSCI Saudi Arabia ETF	-1.86%
CNYA	iShares MSCI China A ETF	-1.88%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-1.92%
INDY	iShares India 50 ETF	-1.93%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	-2.02%
EEMV	iShares MSCI Emerging Markets Min Vol Factor ETF	-2.07%
INIDA	iShares MSCLIndia ETE	-2 07%

Emerging Most Overbought

Ticker	Fund	
EIDO	iShares MSCI Indonesia ETF	61.81
SMIN	iShares MSCI India Small Cap ETF	57.51
TUR	iShares MSCI Turkey ETF	56.04
EPI	WisdomTree India Earnings Fund	55.43
FLIN	Franklin FTSE India ETF	54.21
INDA	iShares MSCI India ETF	53.87
INDY	iShares India 50 ETF	53.60
GLIN	VanEck India Growth Leaders ETF	52.31
PIN	Invesco India ETF	52.24
ILF	iShares Latin America 40 ETF	51.66

Emerging Monthly Flows



**Emerging 1-Day Performance Laggards** 

Ticker	Fund	
TUR	iShares MSCI Turkey ETF	-10.60%
EPOL	iShares MSCI Poland ETF	-5.21%
BICK	First Trust BICK Index Fund	-5.15%
EZA	iShares MSCI South Africa ETF	-5.10%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	-4.51%
FXI	iShares China Large-Cap ETF	-4.20%
EWZ	iShares MSCI Brazil ETF	-4.17%
FLBR	Franklin FTSE Brazil ETF	-4.10%
EWZS	iShares MSCI Brazil Small-Cap ETF	-4.08%
EWT	iShares MSCI Taiwan ETF	-3.88%

Emerging Most Oversold

Ticker	Fund	
EWT	iShares MSCI Taiwan ETF	33.79
EELV	Invesco S&P Emerging Markets Low Volatility ETF	35.87
EDIV	SPDR S&P Emerging Markets Dividend ETF	37.09
LDEM	iShares ESG MSCI EM Leaders ETF	37.32
EEMV	iShares MSCI Emerging Markets Min Vol Factor ETF	37.33
VNM	VanEck Vietnam ETF	37.50
RAYC	Rayliant Quantamental China Equity ETF	37.68
FM	iShares MSCI Frontier and Select EM ETF	38.39
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	38.41
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	38.64

<sup>\*</sup>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



Eivod	Incomo	Perform	2220

Ticker	Name	1 Day	1 Month	YTD
AGG	U.S. Aggregate	-0.56%	-3.73%	-11.96%
SHY	1-3 Year Treasury Bonds	-0.34%	-0.79%	-3.85%
IEF	7-10 Year Treasury Bonds	-0.56%	-4.43%	-13.10%
TLT	20+ Year Treasury Bonds	0.23%	-6.62%	-26.35%
TIP	TIPS Bonds	-0.30%	-3.14%	-9.35%
FLOT	Floating Rate Bonds	-0.16%	0.29%	-0.14%
LQD	Investment Grade Corporate	-0.72%	-5.76%	-17.47%
HYG	High Yield Corporate	-2.28%	-5.40%	-11.79%
BKLN	Senior Loan	-0.95%	-2.11%	-3.14%
PFF	Preferred & Income Securities	-1.44%	-5.89%	-13.88%
MUB	Municipal Bonds	-0.32%	-2.55%	-8.44%
МВВ	MBS	-0.80%	-4.38%	-10.81%
ЕМВ	Dollar Denominated EM Bonds	-1.53%	-5.63%	-19.85%
LEMB	Local Currency EM Bond	-1.38%	-3.83%	-14.10%

#### **Commodities Performance**

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.44%	-2.40%	24.91%
DBE	Energy	-0.20%	-2.29%	45.08%
USO	WTI Crude Oil	-0.50%	-3.96%	32.47%
BNO	Brent Crude Oil	-0.61%	-3.88%	40.94%
UNG	Natural Gas	0.41%	-3.73%	133.23%
UGA	Gasoline	0.93%	-11.63%	32.40%
DBP	Precious Metals	-1.41%	-6.05%	-10.26%
GLD	Gold	-1.30%	-5.56%	-7.26%
SLV	Silver	-1.87%	-6.99%	-17.11%
PPLT	abrdn Physical Platin	-2.89%	-8.51%	-9.13%
PALL	abrdn Physical Palla	-7.67%	-5.08%	10.59%
DBB	Base Metals	-0.68%	-5.39%	-14.11%
CPER	Copper	-2.48%	-4.46%	-22.05%
LD	Lead	1.33%	-13.19%	-16.60%
JJN	Nickel	-1.26%	3.27%	16.54%
JJU	Aluminum	0.74%	-5.49%	-17.87%
JJT	Tin	-2.40%	-17.26%	-44.94%
DBA	Agriculture	-0.62%	0.10%	4.71%
CORN	Corn	-0.11%	7.07%	27.99%
SOYB	Soybeans	-0.22%	2.14%	21.93%
WEAT	Wheat	0.11%	4.66%	18.54%
CANE	Sugar	-0.78%	-2.51%	-2.83%
BAL	Cotton	-2.93%	-6.97%	10.23%
NIB	Cocoa	-1.95%	-2.53%	-15.21%
JO	Coffee	-2.29%	-0.95%	0.14%

#### **Currencies Performance**

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	1.38%	4.21%	14.87%
UDN	Short Dollar	-1.63%	-4.16%	-13.54%
FXE	Euro	-1.43%	-2.90%	-12.95%
FXB	British Pound Sterling	-1.49%	-5.17%	-14.99%
FXF	Swiss Franc	-0.77%	-2.15%	-5.91%
FXY	Japanese Yen	-1.15%	-7.68%	-20.59%
FXC	Canadian Dollar	-1.45%	-3.11%	-4.17%
FXA	Australian Dollar	-2.20%	-5.49%	-7.52%

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

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