





280
260
240
220
May 21 Aug 21 Nov 21 Feb 22 May 22

Ticker	Fund	
SPC	CrossingBridge Pre-Merger SPAC ETF	0.19%
PTLC	Pacer Trendpilot US Large Cap ETF	0.00%
PTNQ	Pacer Trendpilot 100 ETF	-0.09%
PTMC	Pacer Trendpilot US Mid Cap ETF	-0.12%
ONOF	Global X Adaptive U.S. Risk Management ETF	-0.17%
CLRG	IQ Chaikin U.S. Large Cap ETF	-0.75%
CSF	VictoryShares US Discovery Enhanced Volatility Wtd ETF	-0.77%
CFO	VictoryShares US 500 Enhanced Volatility Wtd ETF	-0.79%
TPLE	Timothy Plan Us Large/Mid Cap Core Enhanced ETF	-0.82%

Invesco S&P MidCap 400 QVM Multi-factor ETF

-0.90%

Ticker	Fund	_
SPC	CrossingBridge Pre-Merger SPAC ETF	57.37
EQRR	ProShares Equities for Rising Rates ETF	51.05
SDOG	ALPS Sector Dividend Dogs ETF	50.13
WBIY	WBI Power Factor High Dividend ETF	49.54
QVAL	Alpha Architect U.S. Quantitative Value ETF	49.52
cowz	Pacer US Cash Cows 100 ETF	48.82
SPDV	AAM S&P 500 High Dividend Value ETF	48.60
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	48.50
SYLD	Cambria Shareholder Yield ETF	48.47
FDL	First Trust Morningstar Dividend Leaders Index Fund	48.43

Ticker
IPO
MMLG
LCG
TMFM
TMFS
BUZZ
MGK
NUMG
May 21 Aug 21 Nov 21 Feb 22 May 22
FPX

Closing Price

So Day Moving Average

200 Day Moving Average

Ticker	Fund	
IPO	Renaissance IPO ETF	-7.60%
MMLG	First Trust Multi-Manager Large Growth ETF	-5.68%
LCG	Sterling Capital Focus Equity ETF	-5.49%
TMFM	Motley Fool Mid-Cap Growth ETF	-5.47%
TMFS	Motley Fool Small-Cap Growth ETF	-5.42%
BUZZ	VanEck Social Sentiment ETF	-5.27%
MGK	Vanguard Mega Cap Growth ETF	-5.14%
NUMG	Nuveen ESG Mid-Cap Growth ETF	-5.14%
SCHG	Schwab U.S. Large-Cap Growth ETF	-5.11%
FPX	First Trust US Equity Opportunities ETF	-5.06%

Size & Style 1-Day Performance Laggards

Ticker	Fund	
MXDU	Nationwide Maximum Diversification US Core Equit	27.87
PABU	iShares Paris-Aligned Climate MSCI USA ETF	29.51
FFTY	Innovator IBD 50 ETF	29.64
LCG	Sterling Capital Focus Equity ETF	32.53
TMFM	Motley Fool Mid-Cap Growth ETF	33.40
LGH	HCM Defender 500 Index ETF	33.76
IPO	Renaissance IPO ETF	34.34
TMFS	Motley Fool Small-Cap Growth ETF	34.67
QQH	HCM Defender 100 Index ETF	34.69
DVOL	First Trust Dorsey Wright Momentum & Low Volatili	35.51

Size & Style Most Oversold

QVMM

^{*} 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



U.S. Size & Style Landscape Flows

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Large Cap, Beta Growth, Beta	26	\$1,266B	(\$0.05B)	(\$4.21B)	\$33.74B	\$113.16B
Large Cap, Beta Growth, Beta: Growth	10	\$235B	\$0.63B	\$3.72B	\$4.12B	\$13.88B
Large Cap, Beta Growth, Beta: Value	11	\$225B	\$0.42B	\$9.12B	\$16.40B	\$27.65B
Mid Cap, Beta, Beta	10	\$184B	(\$0.22B)	\$2.11B	\$7.28B	\$10.10B
Mid Cap, Beta, Beta: Growth	6	\$34B	\$0.02B	(\$0.22B)	(\$0.45B)	(\$0.54B)
Mid Cap, Beta, Beta: Value	6	\$42B	(\$0.15B)	(\$0.78B)	\$0.07B	\$1.04B
Small Cap, Beta, Beta	12	\$201B	(\$0.75B)	(\$1.17B)	\$2.32B	\$10.90B
Small Cap, Beta, Beta: Growth	7	\$32B	\$0.18B	\$0.30B	\$1.00B	\$0.82B
Small Cap, Beta, Beta: Value	7	\$53B	(\$0.18B)	(\$3.76B)	(\$2.25B)	(\$1.92B)

Mid-Cap 30-Day Rolling Flows



U.S. Size & Style Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IWF	iShares Russell 1000 Growth ETF	\$0.59B	(\$0.55B)	(\$1.65B)	(\$1.14B)	\$64.86B
V00	Vanguard S&P 500 ETF	\$0.48B	(\$0.55B)	\$16.18B	\$41.10B	\$267.12B
VTI	Vanguard Total Stock Market ETF	\$0.48B	\$5.97B	\$19.62B	\$40.37B	\$277.23B
IWB	iShares Russell 1000 ETF	\$0.47B	\$0.37B	\$0.64B	\$0.31B	\$29.14B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.29B	\$0.89B	\$1.58B	(\$0.06B)	\$29.65B
VTV	Vanguard Value ETF	\$0.27B	\$7.56B	\$11.84B	\$18.28B	\$102.10B
FNDX	Schwab Fundamental US Large Co. Index ETF	\$0.25B	\$0.87B	\$2.83B	\$3.52B	\$10.80B
QQQM	Invesco NASDAQ 100 ETF	\$0.24B	\$0.95B	\$2.34B	\$3.93B	\$4.33B
COWZ	Pacer US Cash Cows 100 ETF	\$0.23B	\$2.83B	\$3.78B	\$4.26B	\$5.03B
SPLV	Invesco S&P 500 Low Volatility ETF	\$0.22B	\$0.48B	\$1.63B	\$1.42B	\$10.06B

Small-Cap 30-Day Rolling Flows

\$10B	h		1 My John	4	٨
\$0B		Mr.	N M	M	J. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
(\$10B)					V
	May 21	Aug 21	Nov 21	Feb 22	May 22

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SDY	SPDR S&P Dividend ETF	(\$2.19B)	\$0.74B	\$1.07B	\$1.35B	\$21.70B
IWM	iShares Russell 2000 ETF	(\$0.59B)	(\$1.70B)	(\$3.84B)	(\$1.53B)	\$56.66B
IVV	iShares Core S&P 500 ETF	(\$0.33B)	(\$3.05B)	\$8.23B	\$18.89B	\$304.35B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.32B)	(\$0.31B)	(\$1.00B)	(\$1.72B)	\$19.19B
SCHX	Schwab U.S. Large-Cap ETF	(\$0.30B)	(\$1.38B)	(\$0.85B)	\$0.83B	\$30.36B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.27B)	\$1.69B	\$3.66B	\$5.55B	\$33.30B
RDIV	Invesco S&P Ultra Dividend Revenue ETF	(\$0.25B)	\$0.02B	\$0.03B	\$0.01B	\$0.80B
IVW	iShares S&P 500 Growth ETF	(\$0.17B)	(\$0.28B)	(\$0.85B)	(\$0.39B)	\$32.62B
IWN	iShares Russell 2000 Value ETF	(\$0.16B)	(\$1.69B)	(\$1.97B)	(\$2.79B)	\$13.19B
SCHA	Schwab U.S. Small-Cap ETF	(\$0.14B)	(\$0.49B)	(\$0.01B)	\$1.07B	\$14.78B

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U.S. Sectors & Industries Performance



S&P Sector & Industry 1 Day Performance

Select Sector SPDRs Technicals

Utilities (XLU)	-1.02%	Ticker	Fund Name	%	6 From 52W	% From 52W	% Abv/Below 50 SMA	% Abv/Below 200 SMA	RSI (14D)
Energy (XLE)	-1.50%				High	Low			
Cons Staples (XLP)	-1.89%	XLE	Energy Select Sector SPDR Fund		-1.50%	75.85%	5.41%	30.84%	58.39
Health Care (XLV)	-1.94%	XLP	Consumer Staples Select Sector SPDR Fund Materials Select Sector SPDR Fund		-4.88% -5.35%	11.40% 8.41%	0.44%	3.63% 0.18%	45.19 46.48
Insurance (KIE)	-2.47%	XLU	Utilities Select Sector SPDR Fund		-6.91%	13.30%	-1.54%	3.84%	41.61
`		XLV	Health Care Select Sector SPDR Fund		-8.85%	7.30%	-3.36%	-2.32%	40.29
Real Estate (XLRE)	-2.56%	XLI	Industrial Select Sector SPDR Fund		-10.22%	1.08%	-3.84%	-5.98%	41.42
Oil & Gas Expl. & Prod (XOP)	-2.60%	XLRE	Real Estate Select Sector SPDR Fund		-12.58%	8.12%	-4.77%	-4.62%	36.19
Industrial (XLI)	-2.61%	SPY	SPDR S&P 500 ETF Trust		-13.38%	0.72%	-5.18%	-7.71%	40.03
Telecom (XTL)	-2.85%	XLF	Financial Select Sector SPDR Fund		-15.52%	1.39%	-6.39%	-9.34%	38.44
` ,	-2.89%	XLK	Technology Select Sector SPDR Fund		-19.78% -24.24%	5.46% 0.00%	-5.84% -9.20%	-10.45% -14.53%	42.69 35.64
Regional Banking (KRE)		XLY	Consumer Discretionary Select Sector SPDR Fun Communication Services Select Sector SPDR Fun		-24.24%	3.13%	-9.20%	-14.55%	40.73
Financials (XLF)	-2.91%	ALC	Communication Services Serect Sector SPDR Fun	iu	23.3370	3.1370	0.2170	13.0070	40.75
Banks (KBE)	-3.03%		Sector & Industry 1 Day Performance Leaders			Sector 8	Industry Most	Overbought	
Transportation (XTN)	-3.05%	Ticker	Fund		Ticker	Fund			
Materials (XLB)	-3.10%	XLU	Utilities Select Sector SPDR Fund	-1.02%	IEO		& Gas Exploration &	Production ETF	59.63
Pharmaceuticals (XPH)	-3.20%	RYU	Invesco S&P 500 Equal Weight Utilities ETF	-1.05%	PXE	Invesco Dynamic	Energy Exploratio	n & Production ETF	59.16
S&P 500 (SPY)	-3.55%	IDU	iShares U.S. Utilities ETF	-1.07%	XLE	Energy Select Se	ctor SPDR Fund		58.39
Aerospace & Defense (XAR)	-3.58%	FUTY	Fidelity MSCI Utilities Index ETF	-1.09%	RYE	Invesco S&P 500	Equal Weight Ener	gy ETF	58.37
, , ,		VPU	Vanguard Utilities ETF	-1.11%	IYE	iShares U.S. Ene	gy ETF		57.98
Comm Svcs (XLC)	-3.69%	FXU	First Trust Utilities AlphaDEX Fund	-1.14%	VDE	Vanguard Energy	/ ETF		57.63
Oil & Gas Equip. & Svcs (XES)	-3.85%	KBWY	Invesco KBW Premium Yield Equity REIT ETF	-1.32%	FENY	Fidelity MSCI En	ergy Index ETF		57.61
Capital Mkts (KCE)	-3.99%	PUI	Invesco DWA Utilities Momentum ETF	-1.33%	FXN	First Trust Energ	y AlphaDEX Fund		57.49
Health Care Svcs (XHS)	-4.11%	XLE	Energy Select Sector SPDR Fund	-1.50%	FTXN	First Trust Nasda	aq Oil & Gas ETF		56.27
Retail (XRT	-4.64%	RHS	Invesco S&P 500 Equal Weight Consumer Staples	-1.57%	XOP	SPDR S&P Oil & G	ias Exploration & P	roduction ETF	55.65
Technology (XLK)	-4.81%		Sector & Industry 1 Day Performance Laggards			Sector	& Industry Mos	st Oversold	
Homebuilders (XHB)	-4.87%	Ticker	Fund		Ticker	Fund			
Metals & Mining (XME)	-5.29%	FDN	First Trust Dow Jones Internet Index Fund	-6.62%	INDS		< Industrial Real Es	tate SCTR ETF	29.89
Health Care Equipment (XHE)	-5.35%	PNQI	Invesco NASDAQ Internet ETF	-6.08%	PJP	Invesco Dynamic	Pharmaceuticals E	TF	31.08
Cons Discretionary (XLY)	-5.60%	XBI	SPDR S&P BIOTECH ETF	-6.02%	REZ	iShares Resident	ial and Multisector	Real Estate ETF	31.17
Semiconductor (XSD)	-5.62%	IGV	iShares Expanded Tech-Software Sector ETF	-5.75%	NURE	Nuveen Short-Te	rm REIT ETF		31.31
,		QTEC	First Trust NASDAQ-100 Technology Sector Index Fund	-5.73%	PSCH	Invesco S&P Sma	IICap Health Care E	TF	32.02
Software & Svcs (XSW)	-5.68%	XSW	SPDR S&P Software & Services ETF	-5.68%	XPH	SPDR S&P Pharm	aceuticals ETF		32.82
Biotech (XBI)	-6.02%	VCR	Vanguard Consumer Discretionary ETF	-5.64%	PPTY	US Diversified Re	eal Estate ETF		32.82
Internet (XWEB)	-7.24%	XSD	SPDR S&P Semiconductor ETF	-5.62%		SPDR Dow Jones	REIT ETF		33.35
	-8.0% -6.0% -4.0% -2.0% 0.0%	FDIS	Fidelity MSCI Consumer Discretionary Index ETF	-5.62%	XHE	SPDR S&P Health	Care Equipment E	TF	33.51
	5.576 -0.076 -4.076 -2.076 0.0%	XLY	Consumer Discretionary Select Sector SPDR Fund	-5.60%	PEJ	Invesco Dynamic	Leisure & Entertai	nment ETF	33.89

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U.S. Sector & Industry 1-Week Flows



U.S. Sector Landscape

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Communication Services	9	\$15B	(\$20M)	(\$317M)	(\$1,574M)	\$442M
Consumer Discretionary	13	\$27B	\$18M	(\$1,659M)	(\$3,378M)	(\$4,052M)
Consumer Staples	12	\$29B	\$10M	\$2,670M	\$6,070M	\$7,290M
Energy	34	\$82B	(\$1,075M)	\$455M	\$4,354M	\$4,516M
Financials	28	\$71B	(\$1,288M)	(\$9,478M)	(\$4,820M)	(\$2,846M)
Health Care	26	\$90B	(\$259M)	\$4,099M	\$7,706M	\$12,296M
Industrial	14	\$33B	(\$151M)	\$277M	(\$573M)	(\$5,165M)
Materials	10	\$20B	(\$144M)	\$1,858M	\$1,994M	\$1,685M
Multi-Sector	18	\$17B	\$75M	(\$3,772M)	(\$4,007M)	(\$3,217M)
Real Estate	23	\$76B	(\$488M)	(\$2,127M)	\$720M	\$8,324M
Technology	24	\$132B	(\$120M)	(\$286M)	(\$147M)	\$5,493M
Utilities	10	\$25B	\$527M	\$2,509M	\$3,676M	\$4,107M

U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLU	Utilities Select Sector SPDR Fund	\$505M	\$1,699M	\$2,491M	\$2,561M	\$15,890M
XLY	Consumer Discretionary Select Sector SPDR Fu	\$389M	(\$324M)	(\$816M)	(\$1,216M)	\$18,277M
IYF	iShares U.S. Financials ETF	\$148M	(\$48M)	\$174M	\$11M	\$2,350M
XLI	Industrial Select Sector SPDR Fund	\$148M	(\$1,454M)	(\$1,702M)	(\$5,145M)	\$15,126M
IYW	iShares U.S. Technology ETF	\$102M	(\$73M)	(\$120M)	\$514M	\$7,760M
KBWB	Invesco KBW Bank ETF	\$99M	(\$522M)	(\$420M)	\$34M	\$2,510M
XHB	SPDR S&P Homebuilders ETF	\$92M	(\$370M)	(\$412M)	(\$513M)	\$1,335M
VDC	Vanguard Consumer Staples ETF	\$70M	\$315M	\$658M	\$867M	\$7,138M
IGV	iShares Expanded Tech-Software Sector ETF	\$60M	(\$294M)	(\$100M)	\$227M	\$4,667M
AMLP	Alerian MLP ETF	\$54M	\$306M	\$535M	\$391M	\$6,644M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$1,257M)	(\$5,856M)	(\$2,500M)	(\$2,820M)	\$38,015M
XLE	Energy Select Sector SPDR Fund	(\$820M)	(\$2,008M)	(\$130M)	\$324M	\$39,316M
XOP	SPDR S&P Oil & Gas Exploration & Production E	(\$395M)	(\$94M)	(\$81M)	(\$849M)	\$5,647M
VNQ	Vanguard Real Estate ETF	(\$287M)	(\$422M)	\$1,249M	\$4,563M	\$45,140M
XLP	Consumer Staples Select Sector SPDR Fund	(\$269M)	\$1,048M	\$3,759M	\$4,867M	\$16,767M
XLB	Materials Select Sector SPDR Fund	(\$192M)	(\$393M)	(\$565M)	(\$879M)	\$7,784M
VIS	Vanguard Industrials ETF	(\$188M)	(\$364M)	(\$631M)	(\$915M)	\$4,167M
XRT	SPDR S&P Retail ETF	(\$155M)	\$248M	(\$312M)	(\$305M)	\$455M
VCR	Vanguard Consumer Discretionary ETF	(\$151M)	(\$181M)	(\$525M)	(\$35M)	\$5,492M
VGT	Vanguard Information Technology ETF	(\$135M)	\$301M	(\$254M)	\$2,134M	\$47,243M

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Global Thematic Performance

Space (UFO)

Water (PHO)

Connectivity (FIVG)

3D Printing (PRNT)

Clean Energy: Wind (FAN)

Clean Energy: Solar (TAN)

Casinos & Gaming (BETZ) eSports & Video Games (ESPO

Robotics & AI (ROBO)

Clean Energy (PBW) Cyber Security (HACK) Evolving Consumer (SOCL)

Digital Payments (IPAY) Industrial Revolution (ARKQ)

Big Data (AIQ)

Cannabis (MJ) Biotech ..

Online Retail (IBUY) FinTech (FINX) Blockchain (BLOK)

Cloud Computing (SKYY)

Genomics (ARKG) Disruptive Tech (ARKW)

Multi-Theme (ARKK)

Advanced Materials (REMX)

NextGen Transportation (DRI..

Digital Infrastructure (SRVR)

Smart Infrastructure (GRID)

Global Thematic Segment 1-Day Performance

-2.50%

-3.11%

-3.51%

-3.75%

-3.79%

-4.19%

-4.23%

-4.25%

-4.41% -4.48%

-4.68%

ARKW WCLD SKYY OO CLOUO O O IHAK O NXTG SRVR Disruptive Tech **Evolving Consumer** ONLN O MJ AWAY O ARKF O IPAY OO FINX FinTech Health Innovation ARKG Industrial Revolution O COOD REMX O LIT ARKO ARKK Multi O GTEK O XT 000 000 0 000 0 PIO 0 0 CGW Sustainability -9.0% -8.0% -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

-4.87%	Ticker	Fund	Т	Γicker	Fund	
-4.92%	KSTR	KraneShares SSE STAR Market 50 Index ETF	-2.01% T	ΓΑΝ	Invesco Solar ETF	46.39
-5.00%	SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR	-2.50% K	(WEB	KraneShares CSI China Internet ETF	46.29
3.0070	AGNG	Global X Aging Population ETF	-2.67% C	QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	44.63
-5.00%	LIT	Global X Lithium & Battery Tech ETF	-2.70% C	DRIV	Global X Autonomous & Electric Vehicles ETF	43.58
-5.07%	VPN	Global X Data Center REITs & Digital Infrastructure ETF	-2.90% C	CNRG	SPDR S&P Kensho Clean Power ETF	43.32
F 2604	CGW	Invesco S&P Global Water Index ETF	-2.93% L	.IT	Global X Lithium & Battery Tech ETF	43.28
-5.26%	GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure	-3.11% <i>P</i>	ACES	ALPS Clean Energy ETF	43.22
-5.66%	NXTG	First Trust Indxx NextG ETF	-3.30% C	QTUM	Defiance Quantum ETF	42.88
-6.14%	AWAY	ETFMG Travel Tech ETF	-3.35% S	SOCL Global X Social Media ETF		42.28
	EBLU	Ecofin Global Water ESG Fund	-3.41% P	PBW	Invesco WilderHill Clean Energy ETF	42.27
-6.29%						
-6.29%		Global Thematic 1-Day Performance Laggards			Thematic Most Oversold	
-6.51%	Ticker	Fund	Т	icker	Fund	
-6.65%	DAPP	VanEck Digital Transformation ETF	-9.92% N	ISOS	AdvisorShares Pure US Cannabis ETF	16.92
	ARKF	ARK Fintech Innovation ETF	-9.48% Y	OLO	AdvisorShares Pure Cannabis ETF	20.84
-6.76%	BITQ	Bitwise Crypto Industry Innovators ETF	0.220/ 0	CNBS Amplify Seymour Cannabis ETF		23.91
-6.90%		Biewise crypto madsery milovators 211	-9.23% C	INBS	Ampiny Seymour Calmabis ETF	20.51
0.5070	ВКСН	Global X Blockchain ETF		PAWZ	ProShares Pet Care ETF	25.81
		,, ,	-9.21% P			
-7.85%	ВКСН	Global X Blockchain ETF	-9.21% P	PAWZ	ProShares Pet Care ETF	25.81
	BKCH ARKK	Global X Blockchain ETF ARK Innovation ETF	-9.21% P -8.93% G -8.68% G	PAWZ	ProShares Pet Care ETF Goldman Sachs Future Consumer Equity ETF	25.81 26.85
-7.85%	BKCH ARKK ARKW	Global X Blockchain ETF ARK Innovation ETF ARK Next Generation Internet ETF	-9.21% P -8.93% G -8.68% G -7.93% E	PAWZ BBUY BDOC	ProShares Pet Care ETF Goldman Sachs Future Consumer Equity ETF Goldman Sachs Future Health Care Equity ETF	25.81 26.85 27.01
-7.85% -8.68%	BKCH ARKK ARKW ONLN	Global X Blockchain ETF ARK Innovation ETF ARK Next Generation Internet ETF ProShares Online Retail ETF	-9.21% P -8.93% G -8.68% G -7.93% E -7.85% P	PAWZ BBUY BDOC BDOC	ProShares Pet Care ETF Goldman Sachs Future Consumer Equity ETF Goldman Sachs Future Health Care Equity ETF Global X Telemedicine & Digital Health ETF Registered	25.81 26.85 27.01 29.67

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Global Thematic Flows



Ticker Fund

KWEB

ARKG

ARKW

KOMP

DAPP

BKCH

RAYS

Thematic 1 Week Flow Leaders

Fund	
ARK Innovation ETF	\$450M
KraneShares CSI China Internet ETF	\$25M
ARK Genomic Revolution ETF	\$25M
ARK Next Generation Internet ETF	\$17M
SPDR S&P Kensho New Economies Composite ETF	\$14M
First Trust Nasdaq Clean Edge Green Energy Index Fund	\$6M
VanEck Digital Transformation ETF	\$5M
Global X Blockchain ETF	\$5M
Global X Solar ETF	\$4M
Fidelity Metaverse ETF	\$4M

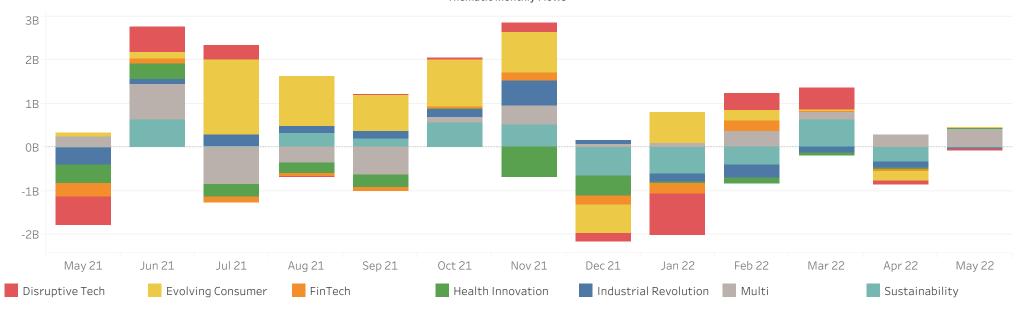
Thematic 1 Week Flow Laggards

Ticker	Fund	
REMX	VanEck Rare Earth/Strategic Metals ETF	(\$19M)
HACK	ETFMG Prime Cyber Security ETF	(\$19M)
ICLN	iShares Global Clean Energy ETF	(\$17M)
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR ETF	(\$17M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$16M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$12M)
SKYY	First Trust Cloud Computing ETF	(\$12M)
NXTG	First Trust Indxx NextG ETF	(\$11M)
SNSR	Global X Internet of Things ETF	(\$8M)
IDNA	iShares Genomics Immunology and Healthcare ETF Genomics Im	(\$7M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	35	\$22B	(\$48M)	\$823M	(\$331M)	\$141M
Evolving Consumer	47	\$11B	\$23M	\$59M	\$1,050M	\$6,059M
FinTech	24	\$4B	(\$6M)	\$144M	(\$139M)	(\$490M)
Health Innovation	19	\$4B	\$11M	(\$216M)	(\$1,420M)	(\$2,226M)
Industrial Revolution	31	\$13B	(\$20M)	(\$416M)	(\$85M)	\$334M
Multi	41	\$18B	\$428M	\$1,680M	\$1,938M	\$1,206M
Sustainability	40	\$19B	(\$12M)	(\$42M)	(\$1,167M)	\$889M
Grand Total	237	\$91B	\$375M	\$2,032M	(\$155M)	\$5,913M

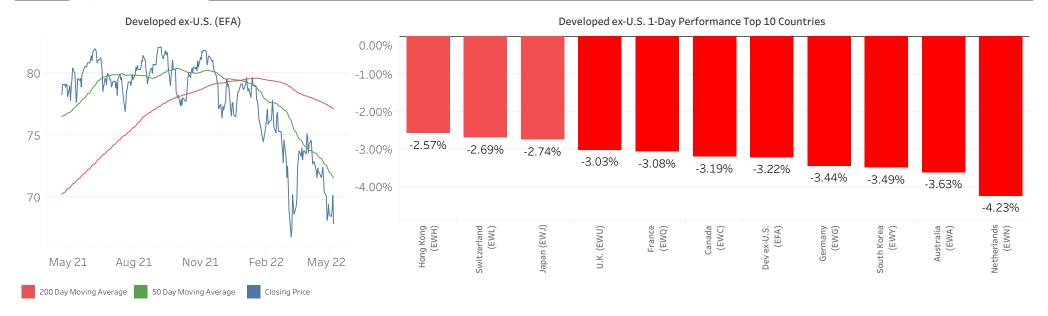
Thematic Monthly Flows



^{*} 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. 30-Day Rolling Flows

10B

May 21 Aug 21 Nov 21 Feb 22 May 22

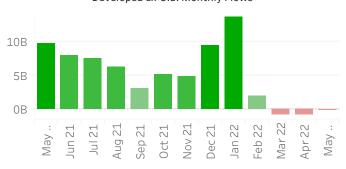
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	
FKU	First Trust United Kingdom AlphaDEX Fund	0.89%
PTIN	Pacer Trendpilot International ETF	0.29%
IQIN	IQ 500 International ETF	-0.25%
WPS	iShares International Developed Property ETF	-1.79%
DXJ	WisdomTree Japan Hedged Equity Fund	-1.85%
HEWJ	iShares Currency Hedged MSCI Japan ETF	-2.02%
LVHI	Legg Mason International Low Volatility High Dividend ETF	-2.03%
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	-2.03%
DFJ	WisdomTree Japan SmallCap Dividend Fund	-2.12%
HEFA	iShares Currency Hedged MSCI EAFE ETF	-2.12%

Developed ex-U.S. Most Overbought

Ticker	Fund	
DXJ	WisdomTree Japan Hedged Equity Fund	51.50
HEWJ	iShares Currency Hedged MSCI Japan ETF	48.80
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	48.43
LVHI	Legg Mason International Low Volatility High Dividend ETF	48.19
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	44.28
HEFA	iShares Currency Hedged MSCI EAFE ETF	44.16
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	43.54
HEZU	iShares Currency Hedged MSCI Eurozone ETF	43.43
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	43.23
DDWM	${\it Wisdom Tree \ Dynamic \ Currency \ Hedged \ International \ Equi.}.$	42.88

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	
EWO	iShares MSCI Austria ETF	-5.75%
GREK	Global X MSCI Greece ETF	-5.21%
EWD	iShares MSCI Sweden ETF	-4.91%
ISRA	VanEck Israel ETF	-4.76%
NORW	Global X MSCI Norway ETF	-4.42%
CIL	VictoryShares International Volatility Wtd ETF	-4.33%
AIA	iShares Asia 50 ETF	-4.27%
EWN	iShares MSCI Netherlands ETF	-4.23%
EWUS	iShares MSCI United Kingdom Small Cap ETF	-4.09%
IEUS	iShares MSCI Europe Small-Cap ETF	-4.05%

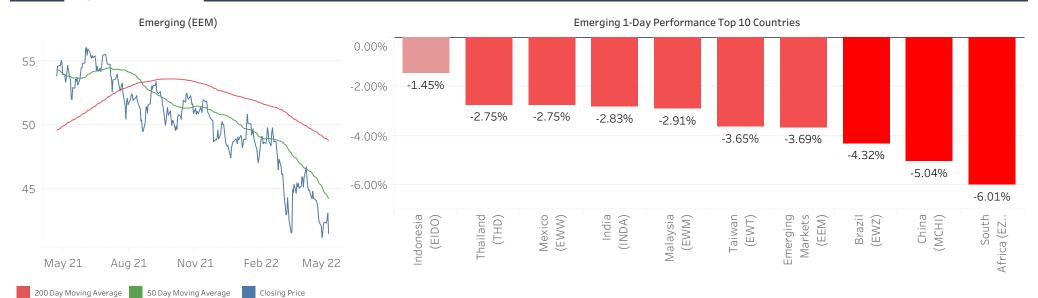
Developed ex-U.S. Most Oversold

Ticker	Fund	
EWUS	iShares MSCI United Kingdom Small Cap ETF	25.34
WPS	iShares International Developed Property ETF	25.58
EIS	iShares MSCI Israel ETF	28.22
IEUS	iShares MSCI Europe Small-Cap ETF	29.94
ENZL	iShares MSCI New Zealand ETF	30.41
ISRA	VanEck Israel ETF	30.84
EWL	iShares MSCI Switzerland ETF	31.29
PTIN	Pacer Trendpilot International ETF	32.94
IQDG	WisdomTree International Quality Dividend Growth	33.01
NORW	Global X MSCI Norway ETF	33.07

^{*}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





Emerging 30-Day Rolling Flows

10B
5B
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May 21 Aug 21 Nov 21 Feb 22 May 22

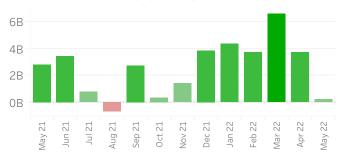
Emerging 1-Day Performance Leaders

Ticker	Fund	
TUR	iShares MSCI Turkey ETF	0.54%
EPHE	iShares MSCI Philippines ETF	-0.72%
KSA	iShares MSCI Saudi Arabia ETF	-0.87%
IDX	VanEck Indonesia Index ETF	-1.25%
EIDO	iShares MSCI Indonesia ETF	-1.45%
ECH	iShares MSCI Chile ETF	-2.40%
EELV	Invesco S&P Emerging Markets Low Volatility ETF	-2.40%
QAT	iShares MSCI Qatar ETF	-2.44%
EEMV	iShares MSCI Emerging Markets Min Vol Factor ETF	-2.50%
CNYA	iShares MSCI China A ETF	-2.54%

Emerging Most Overbought

	Ticker	Fund	
6	IDX	VanEck Indonesia Index ETF	58.31
6	EIDO	iShares MSCI Indonesia ETF	54.99
6	TUR	iShares MSCI Turkey ETF	54.35
6	KSA	iShares MSCI Saudi Arabia ETF	53.92
6	PGJ	Invesco Golden Dragon China ETF	44.30
6	ECH	iShares MSCI Chile ETF	43.47
6	FXI	iShares China Large-Cap ETF	43.38
6	MCHI	iShares MSCI China ETF	42.09
6	FLCH	Franklin FTSE China ETF	41.94
6	FNI	First Trust Chindia ETF	41.73

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	
PGJ	Invesco Golden Dragon China ETF	-7.65%
EPOL	iShares MSCI Poland ETF	-6.43%
EZA	iShares MSCI South Africa ETF	-6.01%
EPU	iShares MSCI Peru ETF	-5.59%
EWZS	iShares MSCI Brazil Small-Cap ETF	-5.41%
FNI	First Trust Chindia ETF	-5.36%
FXI	iShares China Large-Cap ETF	-5.24%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-5.14%
MCHI	iShares MSCI China ETF	-5.04%
FLCH	Franklin FTSE China ETF	-4.79%

Emerging Most Oversold

Ticker	Fund	
EPU	iShares MSCI Peru ETF	24.84
EPOL	iShares MSCI Poland ETF	27.35
AFK	VanEck Africa Index ETF	29.66
EZA	iShares MSCI South Africa ETF	30.52
VNM	VanEck Vietnam ETF	31.11
FM	iShares MSCI Frontier and Select EM ETF	31.55
FRDM	Freedom 100 Emerging Markets ETF	32.39
ILF	iShares Latin America 40 ETF	32.75
SMIN	iShares MSCI India Small Cap ETF	32.91
EWZ	iShares MSCI Brazil ETF	33.19

^{*}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





		D (
FIXEU	Income	Perform	iance

Ticker	Name	1 Day	1 Month	YTD
AGG	U.S. Aggregate	-0.99%	-3.38%	-10.04%
SHY	1-3 Year Treasury Bonds	-0.17%	-0.13%	-2.95%
IEF	7-10 Year Treasury Bonds	-1.00%	-3.34%	-11.22%
TLT	20+ Year Treasury Bonds	-2.74%	-10.06%	-21.68%
TIP	TIPS Bonds	-1.05%	-2.20%	-6.47%
FLOT	Floating Rate Bonds	-0.06%	-0.01%	-0.31%
LQD	Investment Grade Corporate	-1.53%	-6.17%	-14.96%
HYG	High Yield Corporate	-1.77%	-3.88%	-8.94%
BKLN	Senior Loan	-0.46%	-1.83%	-1.86%
PFF	Preferred & Income Securities	-1.93%	-5.76%	-13.86%
MUB	Municipal Bonds	-0.24%	-2.65%	-8.17%
MBB	MBS	-1.08%	-3.01%	-9.00%
EMB	Dollar Denominated EM Bonds	-1.50%	-5.79%	-15.69%

LEMB

Local Currency EM Bond

-1.86%

-5.07%

-11.24%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.13%	6.32%	38.43%
DBE	Energy	-0.78%	13.24%	56.21%
USO	WTI Crude Oil	0.32%	7.59%	48.05%
BNO	Brent Crude Oil	0.41%	6.29%	51.94%
UNG	Natural Gas	3.76%	42.93%	140.99%
UGA	Gasoline	-0.05%	18.20%	59.38%
DBP	Precious Metals	-0.70%	-3.53%	0.73%
GLD	Gold	-0.38%	-2.29%	2.44%
SLV	Silver	-2.35%	-7.07%	-3.39%
PPLT	abrdn Physical Platin	-0.96%	1.40%	1.72%
PALL	abrdn Physical Palla	-3.58%	-1.58%	14.81%
DBB	Base Metals	-2.61%	-10.92%	4.09%
CPER	Copper	-2.04%	-10.24%	-4.59%
LD	Lead	0.35%	-4.52%	-0.60%
NLL	Nickel	-6.27%	-10.56%	43.66%
JJU	Aluminum	-1.88%	-15.25%	4.24%
JJT	Tin	-0.91%	-8.23%	4.67%
DBA	Agriculture	0.18%	0.64%	11.95%
CORN	Corn	0.38%	5.49%	36.54%
SOYB	Soybeans	0.28%	3.22%	23.87%
WEAT	Wheat	2.14%	6.19%	48.58%
CANE	Sugar	0.21%	-2.57%	3.04%
BAL	Cotton	-3.62%	10.55%	37.79%
NIB	Cocoa	-2.27%	-2.41%	-3.65%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.84%	3.98%	7.92%
UDN	Short Dollar	-0.96%	-4.02%	-7.91%
FXE	Euro	-0.58%	-3.27%	-7.59%
FXB	British Pound Sterling	-2.03%	-5.47%	-8.67%
FXF	Swiss Franc	-1.15%	-5.74%	-7.78%
FXY	Japanese Yen	-0.73%	-4.97%	-11.63%
FXC	Canadian Dollar	-0.79%	-2.71%	-1.68%
FXA	Australian Dollar	-2.00%	-6.15%	-2.21%

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

Coffee

-1.50%

-5.82%

-3.20%

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