

450

400

350

1

1

Jan 21

U.S. Size & Style Performance

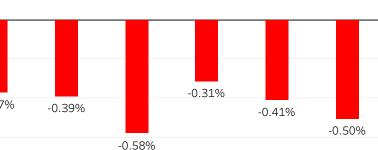
79.52



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

U.S. Size & Style 1-Day Performance

Mid Cap (IJH)



Mid Growth (IJK) Small Value (IJS) Small Cap (IJR) Small Growth (IJT)

Mid Cap Blend (S&P 400) IJH

Large Cap Blend (S&P 500) IVV



Size & Style 1-Day Performance Leaders

Ticker	Fund	
DFNV	TrimTabs Donoghue Forlines Risk Managed Innovation E	0.67%
DUSA	Davis Select U.S. Equity ETF	0.66%
IPO	Renaissance IPO ETF	0.38%
FDL	First Trust Morningstar Dividend Leaders Index Fund	0.36%
MTUM	iShares MSCI USA Momentum Factor ETF	0.35%
MOAT	VanEck Morningstar Wide Moat ETF	0.28%
DURA	VanEck Morningstar Durable Dividend ETF	0.28%
SMMV	iShares MSCI USA Small-Cap Min Vol Factor ETF	0.26%
DHS	WisdomTree U.S. High Dividend Fund	0.26%
SPGP	Invesco S&P 500 GARP ETF	0.25%

Size & Style 1-Day Performance Laggards

20				1	h	Ticker
		Λ	Mym	mark	1AA	PSC
	0	W Ward	and Man	Vinne	- V V	DWAS
00	m					XMMO
100						RZG
	W					ETHO
	1					DVOL
80-	/					XSMO
						TMFS
				· · · ·	·	FDM
	Jan 21	Apr 21	Jul 21	Oct 21	Jan 22	VSDA
Cl	osing Price		50 Day Moving	Average	200 Day Movi	ng Average

Ticker Fund -1.32% PSC Principal U.S. Small-Cap Multi-Factor ETF -1.17% DWAS Invesco DWA SmallCap Momentum ETF -1.16% XMMO Invesco S&P MidCap Momentum ETF RZG -1.03% Invesco S&P Smallcap 600 Pure Growth ETF -1.00% ETHO Etho Climate Leadership U.S. ETF -0.97% DVOL First Trust Dorsey Wright Momentum & Low Volatility E. XSMO Invesco S&P SmallCap Momentum ETF -0.97% TMFS Motley Fool Small-Cap Growth ETF -0.92% FDM -0.84% First Trust Dow Jones Select MicroCap Index Fund -0.83% VSDA VictoryShares Dividend Accelerator ETF

Size & Style Most Oversold

	Ticker	Fund	
6	UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy	20.37
6	NUMG	Nuveen ESG Mid-Cap Growth ETF	25.76
6	DWEQ	AdvisorShares Dorsey Wright Alpha Equal Weight E	28.01
6	TTAC	FCF US Quality ETF	28.40
6	BIBL	Inspire 100 ETF	28.43
6	LCG	Sterling Capital Focus Equity ETF	28.57
6	MMLG	First Trust Multi-Manager Large Growth ETF	29.42
6	NULG	Nuveen ESG Large-Cap Growth ETF	29.73
6	AQGX	Al Quality Growth ETF	30.09
6	TMFS	Motley Fool Small-Cap Growth ETF	30.22

Ticker Fund

FDL

DHS	WisdomTree U.S. High Dividend Fund	79.25
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	74.95
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	74.73
HDV	iShares Core High Dividend ETF	74.55
PEY	Invesco High Yield Equity Dividend Achievers ETF	73.95
DVY	iShares Select Dividend ETF	72.84
DURA	VanEck Morningstar Durable Dividend ETF	71.72
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	71.29
SDOG	ALPS Sector Dividend Dogs ETF	70.70

Size & Style Most Overbought

First Trust Morningstar Dividend Leaders Index Fund

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Small Cap Blend (S&P 600) IJR



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	\$221B	\$1.26B	\$7.16B	\$11.36B	\$30.81B
Large Cap, Beta Growth, Beta: Growth	10	\$269B	\$0.38B	\$5.34B	\$10.14B	\$10.79B
Small Cap, Beta, Beta: Value	7	\$59B	\$0.30B	\$0.50B	\$0.83B	\$6.45B
Small Cap, Beta, Beta	12	\$224B	\$0.24B	\$7.93B	\$11.76B	\$19.48B
Mid Cap, Beta, Beta	10	\$195B	\$0.19B	\$6.56B	\$7.02B	\$12.11B
Mid Cap, Beta, Beta: Value	6	\$43B	(\$0.05B)	\$0.37B	\$0.55B	\$3.32B
Mid Cap, Beta, Beta: Growth	6	\$39B	(\$0.11B)	\$0.97B	\$0.91B	(\$1.20B)
Small Cap, Beta, Beta: Growth	7	\$37B	(\$0.24B)	\$0.72B	\$0.94B	\$1.02B
Large Cap, Beta Growth, Beta	24	\$1.392B	(\$7.71B)	\$64.30B	\$92.99B	\$150.39B

U.S. Size & Style Landscape Flows

U.S. Size & Style Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
RSP	Invesco S&P 500 Equal Weight ETF	\$0.66B	\$1.55B	\$2.09B	\$7.99B	\$32.58B
VTV	Vanguard Value ETF	\$0.65B	\$3.27B	\$5.84B	\$15.65B	\$94.99B
VTI	Vanguard Total Stock Market ETF	\$0.63B	\$13.02B	\$23.86B	\$43.79B	\$293.13B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.51B	\$0.31B	(\$0.79B)	\$1.88B	\$30.83B
ESGU	iShares ESG Aware MSCI USA ETF	\$0.46B	\$2.26B	\$5.46B	\$8.42B	\$25.56B
SCHD	Schwab US Dividend Equity ETF	\$0.43B	\$1.41B	\$3.68B	\$10.20B	\$32.12B
IVE	iShares S&P 500 Value ETF	\$0.43B	\$0.78B	\$0.85B	\$1.61B	\$24.67B
VYM	Vanguard High Dividend Yield Index ETF	\$0.35B	\$1.93B	\$2.61B	\$4.44B	\$43.83B
VLUE	iShares MSCI USA Value Factor ETF	\$0.28B	(\$0.39B)	(\$0.34B)	\$3.96B	\$16.92B
IJR	iShares Core S&P Small Cap ETF	\$0.27B	\$3.87B	\$3.42B	\$5.71B	\$74.96B

U.S. Size & Style Flow Laggards

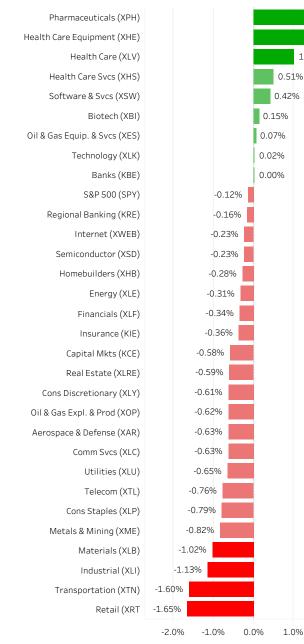
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	(\$3.13B)	\$15.54B	\$15.53B	\$28.19B	\$328.09B
QQQ	Invesco QQQ Trust	(\$0.85B)	\$10.37B	\$14.40B	\$23.24B	\$204.84B
V00	Vanguard S&P 500 ETF	(\$0.35B)	\$3.87B	\$17.22B	\$45.35B	\$273.43B
QUAL	iShares MSCI USA Quality Factor ETF	(\$0.29B)	(\$0.16B)	\$0.88B	(\$1.30B)	\$24.27B
IWM	iShares Russell 2000 ETF	(\$0.24B)	\$0.53B	\$1.43B	(\$0.20B)	\$66.40B
SUSA	iShares MSCI USA ESG Select ETF	(\$0.23B)	\$0.46B	\$0.83B	\$1.38B	\$4.45B
USSG	Xtrackers MSCI USA ESG Leaders Equity ETF	(\$0.22B)	(\$0.51B)	(\$0.49B)	(\$0.46B)	\$3.53B
IWO	iShares Russell 2000 Growth ETF	(\$0.19B)	\$0.34B	\$0.54B	\$0.12B	\$11.41B
IVW	iShares S&P 500 Growth ETF	(\$0.18B)	\$0.52B	\$0.94B	(\$0.87B)	\$38.61B
IWD	iShares Russell 1000 Value ETF	(\$0.14B)	\$2.18B	\$2.49B	\$5.12B	\$59.93B

* 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

1.34%

1.03%



1.62% % From 52W % From 52W % Abv/Below % Abv/Below RSI (14D) Ticker Fund Name **50 SMA** 200 SMA High Low XLE **Energy Select Sector SPDR Fund** -0.31% 55.52% 7.80% 15.48% 71.11 -0.34% 41.73% 4.12% 8.25% 64.79 XLF Financial Select Sector SPDR Fund -1.04% 21.34% 3.79% 7.43% 61.49 XLP **Consumer Staples Select Sector SPDR Fund** XLI Industrial Select Sector SPDR Fund -1.71% 24.21% 0.40% 2.04% 51.74 Utilities Select Sector SPDR Fund -2.28% 19.86% 1.98% 4.79% 51.49 XLU XLB Materials Select Sector SPDR Fund -2.45% 25.13% 0.25% 4.19% 48.34 SPY SPDR S&P 500 ETF Trust -2.55% 25.79% -0.30% 5.59% 46.02 -4.07% 45.97 22.50% 0.51% 4.72% XLV Health Care Select Sector SPDR Fund XLRE -5.46% 34.49% -0.36% 6.38% 42.33 Real Estate Select Sector SPDR Fund XLK Technology Select Sector SPDR Fund -6.05% 31.89% -2.14% 7.85% 40.82 -6.22% 27.23% -2.96% 6.65% 42.48 XLY **Consumer Discretionary Select Sector SPDR Fund** -11.73% 13.58% -2.73% 40.11 XLC Communication Services Select Sector SPDR Fund

Select Sector SPDRs Technicals

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	
XPH	SPDR S&P Pharmaceuticals ETF	1.62%
XHE	SPDR S&P Health Care Equipment ETF	1.34%
IHE	iShares U.S. Pharmaceuticals ETF	1.19%
PJP	Invesco Dynamic Pharmaceuticals ETF	1.17%
IBB	iShares Biotechnology ETF	1.15%
IHF	iShares U.S. Healthcare Providers ETF	1.13%
PBE	Invesco Dynamic Biotechnology & Genome ETF	1.10%
VHT	Vanguard Health Care ETF	1.07%
XLV	Health Care Select Sector SPDR Fund	1.03%
FHLC	Fidelity MSCI Health Care Index ETF	0.97%

Sector & Industry 1 Day Performance Laggards

Ticker	Fund	
PSL	Invesco DWA Consumer Staples Momentum ETF	-2.46%
PFI	Invesco DWA Financial Momentum ETF	-2.31%
PSCC	Invesco S&P SmallCap Consumer Staples ETF	-2.30%
PEZ	Invesco DWA Consumer Cyclicals Momentum ETF	-1.94%
PYZ	Invesco DWA Basic Materials Momentum ETF	-1.77%
FTXR	First Trust Nasdaq Transportation ETF	-1.70%
IYT	iShares US Transportation ETF	-1.67%
XRT	SPDR S&P Retail ETF	-1.65%
RCD	Invesco S&P 500 Equal Weight Consumer Discretionar	-1.62%
XTN	SPDR S&P Transportation ETF	-1.60%

Sector & Industry Most Overbought

Ticker	Fund	
FXG	First Trust Consumer Staples AlphaDEX Fund	75.94
KBWR	Invesco KBW Regional Banking ETF	74.27
IYK	iShares U.S. Consumer Staples ETF	73.73
MLPA	Global X MLP ETF	72.03
AMLP	Alerian MLP ETF	71.66
XLE	Energy Select Sector SPDR Fund	71.11
KRE	SPDR S&P Regional Banking ETF	70.93
QABA	First Trust NASDAQ ABA Community Bank Index Fund	70.85
KBE	SPDR S&P Bank ETF	70.78
AMZA	InfraCap MLP ETF	70.75

Sector & Industry Most Oversold

	Ticker	Fund	
6	PSJ	Invesco Dynamic Software ETF	28.03
6	PTH	Invesco DWA Healthcare Momentum ETF	30.85
6	FDN	First Trust Dow Jones Internet Index Fund	31.33
6	IGV	iShares Expanded Tech-Software Sector ETF	31.49
6	PNQI	Invesco NASDAQ Internet ETF	31.93
6	XBI	SPDR S&P BIOTECH ETF	32.51
6	IBB	iShares Biotechnology ETF	32.93
6	PEZ	Invesco DWA Consumer Cyclicals Momentum ETF	34.10
6	PRN	Invesco DWA Industrials Momentum ETF	34.19
6	XSW	SPDR S&P Software & Services ETF	34.79

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

2.0%

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U.S. Sector Landscape

U.S. Sector & Industry 1-Week Flows

Banks						\$	900M
Banks: Regional					\$592	2M	
Metals & Mining				\$129M			
Semiconductors			1	\$116M			
Homebuilding				\$105M			
Oil & Gas Exploration & Production				\$88M			
Infrastructure				\$82M			
MLPs (C-Corp)				\$79M			
Midstream			4	\$28M			
Transportation			0	\$25M			
Natural Gas			9	510M			
Oil & Gas Equipment & Services			9	5M			
Food & Beverage			9	51M			
BDCs			9	51M			
Construction & Engineering			9	50M			
Media & Entertainment			9	50M			
Pharmaceuticals		\$0M					
Health Care Providers & Services		(\$1M)					
Leisure & Recreation		(\$1M)					
Health Care Equipment & Supplies		(\$2M)					
Mortgage REITs		(\$4M)					
Software		(\$9M)					
MLPs (Note)		(\$13M)					
Aerospace & Defense		(\$21M)					
Insurance		(\$37M)					
Retail	(\$107M)					
Biotech	(\$300	DM)					
	-50	10 MO	M	500	M	100	0M
1 Week (Custom SQL Query22)							

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Communication Services	9	\$19B	(\$610M)	(\$1,191M)	\$364M	\$404M
Consumer Discretionary	13	\$37B	(\$193M)	\$1,120M	\$567M	\$2,244M
Consumer Staples	12	\$24B	\$557M	\$1,628M	\$2,124M	(\$401M)
Energy	34	\$62B	\$1,426M	\$2,985M	\$3,114M	\$10,654M
Financials	28	\$91B	\$2,796M	\$4,757M	\$6,685M	\$19,723M
Health Care	26	\$90B	\$467M	\$5,435M	\$6,480M	\$6,215M
Industrial	14	\$36B	\$666M	\$281M	(\$2,282M)	\$207M
Materials	10	\$17B	\$549M	\$912M	(\$1,691M)	\$3,459M
Multi-Sector	19	\$25B	(\$58M)	\$1,572M	\$1,874M	\$4,530M
Real Estate	22	\$83B	\$600M	\$4,357M	\$8,240M	\$14,925M
Technology	24	\$152B	(\$5M)	\$3,637M	\$6,608M	\$6,131M
Utilities	10	\$21B	\$76M	(\$127M)	\$574M	\$259M

U.S. Sector Landscape

U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	\$1,188M	\$3,359M	\$4,128M	\$9,304M	\$48,871M
XLE	Energy Select Sector SPDR Fund	\$994M	\$1,029M	\$1,933M	\$5,912M	\$30,448M
XLI	Industrial Select Sector SPDR Fund	\$973M	\$144M	(\$1,521M)	(\$1,439M)	\$18,477M
XLV	Health Care Select Sector SPDR Fund	\$779M	\$4,047M	\$3,886M	\$5,519M	\$35,376M
KRE	SPDR S&P Regional Banking ETF	\$569M	\$150M	\$406M	\$2,452M	\$5,924M
XLK	Technology Select Sector SPDR Fund	\$534M	\$1,896M	\$2,494M	\$1,582M	\$50,150M
KBE	SPDR S&P Bank ETF	\$522M	\$200M	\$145M	\$104M	\$3,880M
XLP	Consumer Staples Select Sector SPDR Fund	\$518M	\$1,214M	\$1,489M	(\$399M)	\$14,103M
XLB	Materials Select Sector SPDR Fund	\$398M	\$626M	(\$1,130M)	\$1,193M	\$8,560M
KBWB	Invesco KBW Bank ETF	\$349M	(\$98M)	\$635M	\$814M	\$3,370M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUN
XLC	Communication Services Select Sector SPDR Fu	(\$601M)	(\$1,062M)	\$66M	(\$419M)	\$13,257
IYW	iShares U.S. Technology ETF	(\$368M)	\$39M	\$604M	\$671M	\$9,1911
XBI	SPDR S&P BIOTECH ETF	(\$362M)	\$808M	\$890M	\$1,407M	\$6,103
FXD	First Trust Consumer Discretionary AlphaDEX F	(\$294M)	(\$60M)	(\$56M)	\$266M	\$1,870
FXR	First Trust Industrials/Producer Durables Alph	(\$274M)	\$36M	\$52M	\$1,263M	\$1,874
FDN	First Trust Dow Jones Internet Index Fund	(\$213M)	(\$306M)	(\$280M)	(\$1,912M)	\$9,065
XRT	SPDR S&P Retail ETF	(\$107M)	(\$352M)	(\$357M)	(\$320M)	\$576
VHT	Vanguard Health Care ETF	(\$77M)	\$333M	\$977M	\$1,666M	\$16,655
FXL	First Trust Technology AlphaDEX Fund	(\$76M)	(\$968M)	(\$948M)	(\$1,162M)	\$1,742
PNQI	Invesco NASDAQ Internet ETF	(\$55M)	(\$54M)	(\$53M)	(\$76M)	\$823

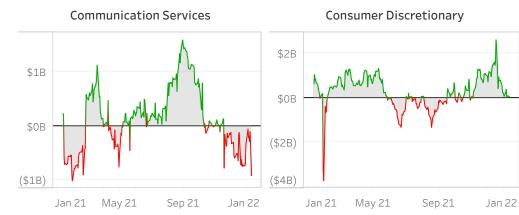
* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

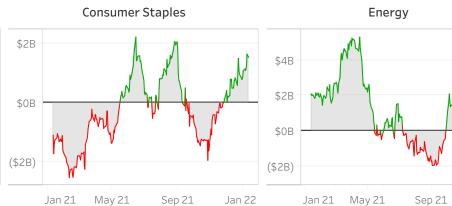


U.S. Sector Rolling 30-Day Flows

January 10, 2022

Jan 22









Industrial











\$4B

\$2B

\$0B

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



Global Thematic Performance

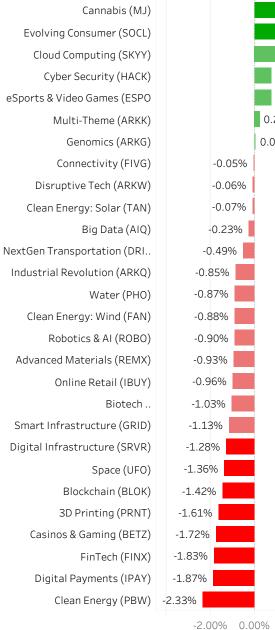
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EDOC O

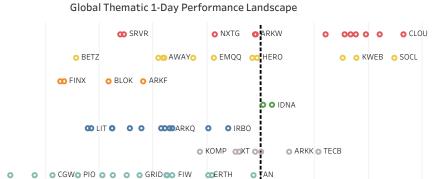
2.0%











-0.5%

0.0%

Global Thematic 1-Day Performance Leaders

-2.0%

-1.5%

-1.0%

Ticker	Fund	
EDOC	Global X Telemedicine & Digital Health ETF	2.12%
POTX	Global X Cannabis ETF	1.93%
MJ	ETFMG Alternative Harvest ETF	1.84%
THCX	Cannabis ETF	1.47%
CLOU	Global X Cloud Computing ETF	1.32%
SOCL	Global X Social Media ETF	1.24%
WCLD	WisdomTree Cloud Computing Fund	1.10%
HTEC	ROBO Global Healthcare Technology and Innovation ETF	1.03%
SKYY	First Trust Cloud Computing ETF	0.97%
XITK	SPDR FactSet Innovative Technology ETF	0.97%

Global Thematic 1-Day Performance Laggards

7%
3%
2%
.1%
4%
37%
3%
80%
8%
2%

Thematic Most Overbought

0.5%

1.0%

1.5%

Ticker	Fund	
LEGR	First Trust Indxx Innovative Transaction & Process ETF	60.17
DRIV	Global X Autonomous & Electric Vehicles ETF	49.00
IDRV	iShares Self-driving EV & Tech ETF	47.76
MSOS	AdvisorShares Pure US Cannabis ETF	44.31
NXTG	First Trust Indxx NextG ETF	43.99
REMX	VanEck Rare Earth/Strategic Metals ETF	42.98
MJ	ETFMG Alternative Harvest ETF	42.86
AWAY	ETFMG Travel Tech ETF	42.82
KWEB	KraneShares CSI China Internet ETF	41.84
FIVG	Defiance Next Gen Connectivity ETF	41.61

Thematic Most Oversold

	Ticker	Fund	
6	ENTR	ERShares Entrepreneurs ETF	13.03
6	FINX	Global X FinTech ETF	22.83
6	IDNA	iShares Genomics Immunology and Healthcare ETF Geno	24.14
6	BLOK	Amplify Transformational Data Sharing ETF	24.54
6	ARKF	ARK Fintech Innovation ETF	26.24
6	PAWZ	ProShares Pet Care ETF	26.29
6	RNRG	Global X Funds Global X Renewable Energy Producers ETF	26.67
6	ICLN	iShares Global Clean Energy ETF	26.85
6	BITQ	Bitwise Crypto Industry Innovators ETF	27.30
6	вксн	Global X Blockchain ETF	27.85

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

2.00%



Global Thematic Flows

Thematic 1 Week Flow Leaders

Ticker	Fund	
KWEB	KraneShares CSI China Internet ETF	\$294M
ARKG	ARK Genomic Revolution ETF	\$64M
META	Roundhill Ball Metaverse ETF	\$39M
SARK	Tuttle Capital Short Innovation ETF	\$36M
ROBO	ROBO Global Robotics & Automation Index ETF	\$21M
IDRV	iShares Self-driving EV & Tech ETF	\$17M
DRIV	Global X Autonomous & Electric Vehicles ETF	\$17M
MSOS	AdvisorShares Pure US Cannabis ETF	\$15M
BATT	Amplify Lithium & Battery Technology ETF	\$11M
FIW	First Trust Water ETF	\$9M

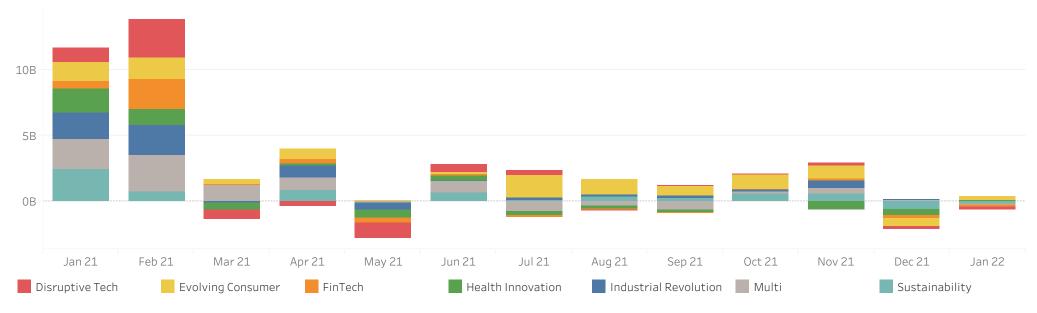
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	38	\$26B	(\$226M)	(\$30M)	\$159M	\$2,436M
Evolving Consumer	44	\$14B	\$123M	\$1,727M	\$5,344M	\$9,728M
FinTech	19	\$6B	(\$107M)	(\$26M)	(\$385M)	\$2,737M
Health Innovation	17	\$6B	(\$45M)	(\$981M)	(\$1,814M)	\$601M
Industrial Revolution	25	\$17B	\$24M	\$996M	\$1,413M	\$6,110M
Multi	30	\$24B	(\$60M)	\$128M	(\$678M)	\$6,394M
Sustainability	37	\$21B	(\$186M)	\$436M	\$581M	\$5,272M
Grand Total	210	\$113B	(\$476M)	\$2,249M	\$4,620M	\$33,278M

Thematic Landscape Assets & Flows

Thematic 1 Week Flow Laggards

Ticker	Fund	In
ARKW	ARK Next Generation Internet ETF (\$103M)	
TAN	Invesco Solar ETF (\$102M)	
ARKF	ARK Fintech Innovation ETF (\$94M)	N
ICLN	iShares Global Clean Energy ETF (\$56M)	
SKYY	First Trust Cloud Computing ETF (\$54M)	
WCLD	WisdomTree Cloud Computing Fund (\$50M)	S
PBW	Invesco WilderHill Clean Energy ETF (\$42M)	
ARKQ	ARK Autonomous Technology & Robotics ETF (\$41M)	
ARKK	ARK Innovation ETF (\$36M)	G
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund (\$30M)	

Thematic Monthly Flows



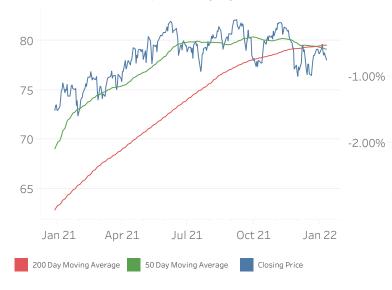
* ETF Landscape represented using the ETF Action classification system ** Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify *** Flows delayed one day

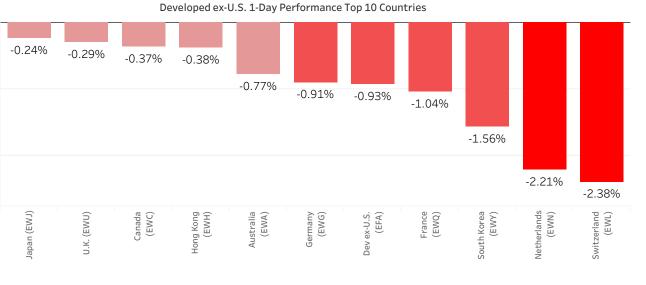


Developed Markets ex-U.S. Performance

January 10, 2022

Developed ex-U.S. (EFA)





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



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

Ticker	Fund	
GREK	Global X MSCI Greece ETF	0.81%
IDOG	ALPS International Sector Dividend Dogs ETF	0.51%
IDV	iShares International Select Dividend ETF	0.38%
LVHI	Legg Mason International Low Volatility High Dividend ETF	0.37%
IVLU	iShares MSCI Intl Value Factor ETF	0.08%
FIDI	Fidelity International High Dividend ETF	0.07%
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	0.00%
EWS	iShares MSCI Singapore ETF	-0.05%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-0.06%
FDD	First Trust Stoxx European Select Dividend Index Fund	-0.07%

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

T 1 1 1		
Ticker	Fund	
PIZ	Invesco DWA Developed Markets Momentum ETF	-3.49%
IMOM	Alpha Architect International Quantitative Momentum ETF	-3.27%
FSZ	First Trust Switzerland AlphaDEX Fund	-2.88%
EWD	iShares MSCI Sweden ETF	-2.59%
EWL	iShares MSCI Switzerland ETF	-2.38%
EWN	iShares MSCI Netherlands ETF	-2.21%
IEUS	iShares MSCI Europe Small-Cap ETF	-2.03%
IQDG	WisdomTree International Quality Dividend Growth Fund	-1.83%
EDEN	iShares MSCI Denmark ETF	-1.81%
FEP	First Trust Europe AlphaDEX Fund	-1.78%

Developed ex-U.S. Most Overbought

Ticker	Fund	
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	73.36
FDD	First Trust Stoxx European Select Dividend Index Fund	71.81
IDOG	ALPS International Sector Dividend Dogs ETF	71.30
DTH	WisdomTree International High Dividend Fund	70.12
IDV	iShares International Select Dividend ETF	69.97
LVHI	Legg Mason International Low Volatility High Dividend ETF	69.79
IVLU	iShares MSCI Intl Value Factor ETF	68.25
DFIV	Dimensional International Value ETF	68.09
FIDI	Fidelity International High Dividend ETF	67.60
ICOW	Pacer Developed Markets International Cash Cows 100 ETF	67.48

Developed ex-U.S. Most Oversold

Ticker	Fund	
IMOM	Alpha Architect International Quantitative Moment	25.55
EFAD	ProShares MSCI EAFE Dividend Growers ETF	27.08
PIZ	Invesco DWA Developed Markets Momentum ETF	27.78
EFG	iShares MSCI EAFE Growth ETF	31.35
RBIN	Nationwide Risk-Based International Equity ETF	31.72
SCJ	iShares MSCI Japan Small-Cap ETF	33.69
EDEN	iShares MSCI Denmark ETF	34.03
TTAI	FCF International Quality ETF	34.53
EFAV	iShares MSCI EAFE Min Vol Factor ETF	35.31
IMFL	Invesco International Developed Dynamic Multifact	36.70

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

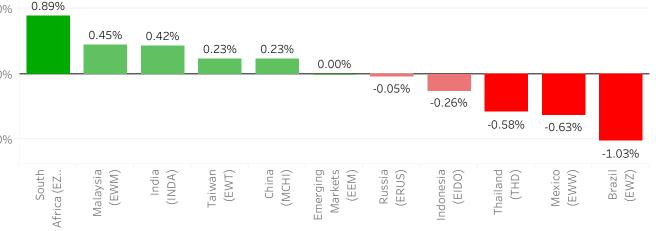


Emerging Markets Performance

January 10, 2022







Ticker Fund

Emerging 1-Day Performance Top 10 Countries

Emerging 30-Day Rolling Flows



Emerging Monthly Flows

Jul 21

Aug 21 Sep 21 Oct 21 Nov 21

May 21 Jun 21

Apr 21

Dec 21 Jan 22

10B

5B

0B

Jan 21

Feb 21

Mar 21

Emerging 1-Day Performance Leaders

Ticker	Fund	
KSA	iShares MSCI Saudi Arabia ETF	1.58%
EPHE	iShares MSCI Philippines ETF	1.37%
EZA	iShares MSCI South Africa ETF	0.89%
EPI	WisdomTree India Earnings Fund	0.69%
ECNS	iShares MSCI China Small-Cap ETF	0.60%
FEM	First Trust Emerging Markets AlphaDEX Fund	0.56%
EELV	Invesco S&P Emerging Markets Low Volatility ETF	0.53%
GXC	SPDR S&P China ETF	0.50%
MFEM	PIMCO RAFI Dynamic Multi-Factor Emerging Markets Eq	0.45%
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	0.45%

Emerging 1-Day Performance Laggards

Ticker	Fund	
EWZS	iShares MSCI Brazil Small-Cap ETF	-2.18%
FLBR	Franklin FTSE Brazil ETF	-1.23%
ILF	iShares Latin America 40 ETF	-1.10%
EWZ	iShares MSCI Brazil ETF	-1.03%
PIE	Invesco DWA Emerging Markets Momentum ETF	-0.96%
PGJ	Invesco Golden Dragon China ETF	-0.70%
EPOL	iShares MSCI Poland ETF	-0.68%
EWW	iShares MSCI Mexico ETF	-0.63%
THD	iShares MSCI Thailand ETF	-0.58%
EEMS	iShares MSCI Emerging Markets Small Cap ETF	-0.53%

6	EPU	iShares MSCI Peru ETF	74.74
ó	EPI	WisdomTree India Earnings Fund	68.39
ó	KSA	iShares MSCI Saudi Arabia ETF	68.17
ó	SMIN	iShares MSCI India Small Cap ETF	65.31
ó	EPOL	iShares MSCI Poland ETF	63.66
ó	NFTY	First Trust India NIFTY 50 Equal Weight ETF	63.39
ó	GLIN	VanEck India Growth Leaders ETF	62.96
6	EDIV	SPDR S&P Emerging Markets Dividend ETF	61.98
6	EWW	iShares MSCI Mexico ETF	61.80
ó	QAT	iShares MSCI Qatar ETF	60.34

Emerging Most Overbought

Emerging Most Oversold

	Ticker	Fund	
6	KBA	KraneShares Bosera MSCI China A 50 Connect Index	22.42
ó	MFEM	PIMCO RAFI Dynamic Multi-Factor Emerging Market	27.98
6	EWZS	iShares MSCI Brazil Small-Cap ETF	34.97
6	CNYA	iShares MSCI China A ETF	35.45
6	RAYC	Rayliant Quantamental China Equity ETF	37.41
6	PIE	Invesco DWA Emerging Markets Momentum ETF	38.96
6	EPHE	iShares MSCI Philippines ETF	39.22
6	FLBR	Franklin FTSE Brazil ETF	39.26
ó	ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	39.48
ó	RSX	VanEck Russia ETF	39.48

* 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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Fixed Income, Commodities & Currencies

Commodities (DJP)

January 10, 2022









Fixed Income Performance

Commodities Performance

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD	Ticker	Name	1 Day	1 Month	YTD	Ticker	Name	1 Day	1 Month	YTD
AGG	U.S. Aggregate	-0.09%	-1.51%	-1.48%	DJP	Broad Commodities	-0.34%	5.01%	2.16%		Long Dollar	0.23%	-0.12%	0.35%
AGG		0.0070	1.01/0	1.1070	DBE	Energy	-0.50%	6.16%	3.92%	UUP				
SHY	1-3 Year Treasury Bonds	-0.06%	-0.34%	-0.35%	USO	WTI Crude Oil	-0.90%	7.94%	3.31%					
					BNO	Brent Crude Oil	-1.14%	7.32%	3.83%		Short Dollar	-0.27%	-0.05%	-0.40%
IEF	7-10 Year Treasury Bonds	-0.03%	-2.19%	-1.99%	UNG	Natural Gas	5.53%	8.10%	10.01%	UDN				
		0.25%	-4.09%	-3.77%	UGA	Gasoline	-1.18%	6.52%	2.51%					
TLT	20+ Year Treasury Bonds	0.25%	-4.09%	-3.77%	DBP	Precious Metals	0.26%	1.02%	-2.06%			-0.29%	0.05%	-0.43%
TIP	TIPS Bonds	0.13%	-1.10%	-2.17%	GLD	Gold	0.30%	1.01%	-1.58%	FXE	Euro			
		0.1070	1.1070	2.1770	SLV	Silver	0.68%	1.27%	-3.49%					
FLOT	Floating Rate Bonds	0.00%	0.11%	-0.08%	PPLT	Platinum	-1.39%	0.26%	-2.14%			-0.12%	2.30%	0.43%
					PALL	Palladium	-1.09%	8.67%	0.83%	FXB	British Pound Sterling			
LQD	Investment Grade Corporate	-0.09%	-2.21%	-2.20%	DBB	Base Metals	-0.89%	6.49%	0.31%					
		0.000/	0.4507	4.0004	CPER	Copper	-1.04%	1.53%	-2.21%		Swiss Franc	-0.98%	-0.84%	-1.72%
HYG	High Yield Corporate	0.08%	-0.46%	-1.23%	LD	Lead	-0.47%	-0.31%	-1.96%	FXF				
BKLN	Senior Loan	0.09%	0.57%	0.14%	JJN	Nickel	0.99%	5.80%	0.66%	174				
DICLIN	Senior Edan	0.0570	0.5770	0.1170	JJU	Aluminum	1.52%	13.39%	5.39%					
PFF	Preferred & Income Securities	-0.05%	0.12%	-2.08%	JJT	Tin	0.41%	2.41%	3.34%	FXY	Japanese Yen	0.27%	-1.58%	-0.06%
					DBA	Agriculture	-0.81%	-0.20%	-0.35%	FAT				
MUB	Municipal Bonds	-0.19%	-0.57%	-0.62%	CORN	Corn	-0.91%	1.04%	1.30%					
					SOYB	Soybeans	-1.76%	6.55%	2.90%		Canadian Dollar	-0.30%	0.41%	-0.30%
MBB	MBS	-0.14%	-1.14%	-1.20%	WEAT	Wheat	0.00%	-3.18%	-1.08%	FXC				
EMD		nominated EM Bonds -0.34%	4% -2.32%	-2.60%	CANE	Sugar	-0.79%	-6.67%	-4.24%					
EMB	Dollar Denominated EM Bonds	-0.3470	-2.3270	-2.0070	BAL	Cotton	0.08%	8.57%	2.37%	-				4.050
LEMB	Local Currency EM Bond	-0.14%	-0.35%	-0.54%	NIB	Сосоа	0.69%	3.15%	0.21%	FXA	Australian Dollar	-0.07%	0.06%	-1.25%
LEIVIB			0.0070	210170	JO	Coffee	-1.50%	1.16%	4.36%					

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