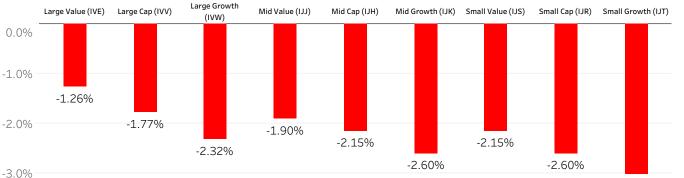


U.S. Size & Style Performance

Large Cap Blend (S&P 500) IVV





Ticker Fund

FDL

DHS

PEY

SPYD

SDOG

SPHD

DVY

HDV

SPDV

WBIY

U.S. Size & Style 1-Day Performance

-3.02%

72.56

69.09

68.12

67.53

67.08 66.49

65.04

64.32 64.16

63.40

Mid Cap Blend (S&P 400) IJH



Small Cap Blend (S&P 600) IJR

120

100

Size & Style 1-Day Performance Leaders

Ticker	Fund	
HDV	iShares Core High Dividend ETF	-0.60%
FDL	First Trust Morningstar Dividend Leaders Index Fund	-0.62%
AQGX	AI Quality Growth ETF	-0.63%
CSML	IQ Chaikin U.S. Small Cap ETF	-0.64%
DIV	Global X SuperDividend US ETF	-0.70%
UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy ETF	-0.71%
DID	Invesco Dow Jones Industrial Average Dividend ETF	-0.73%
TPHD	Timothy Plan High Dividend Stock ETF	-0.74%
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	-0.77%
SDOG	ALPS Sector Dividend Dogs ETF	-0.85%

Size & Style 1-Day Performance Laggards

20			. A		my . A	Ticker
		Ann	ad the w	many	Arm	JSML
	0	W Way		V		IPO
00	m					FFTY
00						RZG
						IWO
	1					VTWG
80	/					ISCG
						DWAS
	1					QQH
	Jan 21	Apr 21	Jul 21	Oct 21	Jan 22	FPX
C	losing Price		50 Day Movir	ig Average	200 Day Mov	ng Average

-4.419 Janus Henderson Small Cap Growth Alpha ETF -4.339 Renaissance IPO ETF -4.03% Innovator IBD 50 ETF -3.719 Invesco S&P Smallcap 600 Pure Growth ETF -3.67% iShares Russell 2000 Growth ETF -3.66% G Vanguard Russell 2000 Growth ETF iShares Morningstar Small-Cap Growth ETF -3.44% ١S Invesco DWA SmallCap Momentum ETF -3.34% HCM Defender 100 Index ETF -3.34% -3.30% First Trust US Equity Opportunities ETF

WBI Power Factor High Dividend ETF

Size & Style Most Overbought

First Trust Morningstar Dividend Leaders Index Fund

Invesco High Yield Equity Dividend Achievers ETF

Invesco S&P 500 High Dividend Low Volatility ETF

WisdomTree U.S. High Dividend Fund

ALPS Sector Dividend Dogs ETF

iShares Core High Dividend ETF

AAM S&P 500 High Dividend Value ETF

iShares Select Dividend ETF

SPDR Portfolio S&P 500 High Dividend ETF

Size & Style Most Oversold

	Ticker	Fund	
%	UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy	21.41
%	DWEQ	AdvisorShares Dorsey Wright Alpha Equal Weight E	22.96
%	NUMG	Nuveen ESG Mid-Cap Growth ETF	23.62
%	LCG	Sterling Capital Focus Equity ETF	24.19
%	TTAC	FCF US Quality ETF	24.28
%	AIEQ	AI Powered Equity ETF	24.37
%	MMLG	First Trust Multi-Manager Large Growth ETF	24.52
%	QQQN	VictoryShares Nasdaq Next 50 ETF	24.75
%	IPO	Renaissance IPO ETF	25.43
%	DFNV	TrimTabs Donoghue Forlines Risk Managed Innovati	25.45

Fund

* 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	\$222B	\$0.93B	\$7.39B	\$12.25B	\$31.97B
Small Cap, Beta, Beta: Value	7	\$60B	\$0.18B	\$0.33B	\$1.11B	\$6.00B
Mid Cap, Beta, Beta: Value	6	\$44B	\$0.15B	\$0.40B	\$0.96B	\$3.49B
Mid Cap, Beta, Beta	10	\$194B	\$0.02B	\$5.63B	\$6.94B	\$11.71B
Small Cap, Beta, Beta: Growth	7	\$36B	(\$0.05B)	\$0.60B	\$0.69B	\$0.92B
Mid Cap, Beta, Beta: Growth	6	\$38B	(\$0.06B)	\$0.82B	\$0.83B	(\$1.30B)
Large Cap, Beta Growth, Beta: Growth	10	\$265B	(\$0.61B)	\$3.25B	\$7.34B	\$10.83B
Small Cap, Beta, Beta	12	\$222B	(\$0.87B)	\$6.26B	\$11.13B	\$16.45B
Large Cap, Beta Growth, Beta	25	\$1,385B	(\$4.43B)	\$57.84B	\$87.93B	\$145.61B

U.S. Size & Style Landscape Flows

U.S. Size & Style Flow Leaders

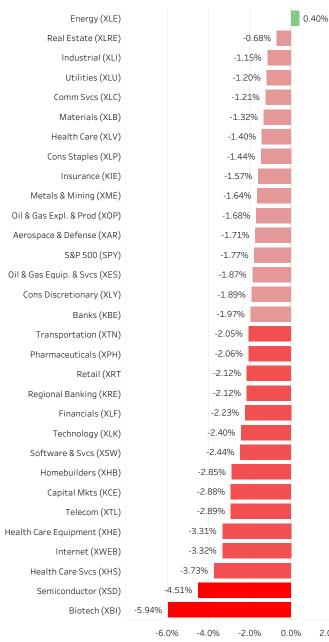
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VTI	Vanguard Total Stock Market ETF	\$0.42B	\$13.17B	\$23.10B	\$44.49B	\$292.74B
SCHD	Schwab US Dividend Equity ETF	\$0.34B	\$1.72B	\$4.00B	\$10.55B	\$32.64B
VTV	Vanguard Value ETF	\$0.28B	\$3.41B	\$6.16B	\$16.08B	\$95.75B
IWD	iShares Russell 1000 Value ETF	\$0.25B	\$1.70B	\$2.35B	\$5.31B	\$59.79B
RSP	Invesco S&P 500 Equal Weight ETF	\$0.22B	\$1.46B	\$2.81B	\$8.41B	\$32.84B
SPYV	SPDR Portfolio S&P 500 Value ETF	\$0.19B	\$0.09B	\$0.73B	\$3.70B	\$13.62B
IJR	iShares Core S&P Small Cap ETF	\$0.19B	\$3.87B	\$4.63B	\$5.01B	\$75.41B
PBUS	Invesco PureBeta MSCI USA ETF	\$0.17B	\$0.58B	\$0.61B	\$2.48B	\$2.81B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.16B	\$0.50B	(\$0.46B)	\$0.94B	\$30.85B
COWZ	Pacer US Cash Cows 100 ETF	\$0.15B	\$0.62B	\$0.82B	\$1.16B	\$1.59B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	(\$1.12B)	\$15.19B	\$14.08B	\$29.66B	\$326.25B
IWM	iShares Russell 2000 ETF	(\$1.04B)	(\$0.63B)	\$0.77B	(\$1.01B)	\$64.63B
QQQ	Invesco QQQ Trust	(\$0.98B)	\$9.17B	\$12.90B	\$23.30B	\$204.17B
IWF	iShares Russell 1000 Growth ETF	(\$0.38B)	(\$0.98B)	\$0.18B	(\$1.58B)	\$73.82B
AIVL	WisdomTree U.S. AI Enhanced Value Fund	(\$0.35B)	(\$0.03B)	(\$0.04B)	(\$0.08B)	\$0.54B
VLUE	iShares MSCI USA Value Factor ETF	(\$0.25B)	(\$0.53B)	(\$0.35B)	\$3.32B	\$17.11B
IWB	iShares Russell 1000 ETF	(\$0.25B)	(\$0.11B)	(\$0.40B)	\$0.13B	\$31.49B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.13B)	(\$0.15B)	(\$0.60B)	(\$1.10B)	\$21.33B
SPYG	SPDR Portfolio S&P 500 Growth ETF	(\$0.11B)	\$0.90B	\$1.06B	\$3.02B	\$15.00B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.10B)	(\$1.55B)	(\$1.66B)	(\$1.58B)	\$13.69B

* 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

Ticker	Fund Name	% From 52W High	% From 52W Low	% Abv/Below 50 SMA	% Abv/Below 200 SMA	RSI (14D)
XLE	Energy Select Sector SPDR Fund	0.00%	63.56%	12.81%	21.25%	78.27
XLP	Consumer Staples Select Sector SPDR Fund	-2.19%	19.94%	1.89%	5.84%	49.02
XLI	Industrial Select Sector SPDR Fund	-2.32%	22.16%	-0.22%	1.23%	46.86
XLB	Materials Select Sector SPDR Fund	-3.29%	22.61%	-0.79%	2.97%	43.70
XLF	Financial Select Sector SPDR Fund	-3.62%	36.11%	1.07%	4.83%	48.81
XLU	Utilities Select Sector SPDR Fund	-4.21%	17.49%	-0.48%	2.53%	40.64
SPY	SPDR S&P 500 ETF Trust	-4.44%	21.33%	-2.20%	3.16%	37.10
XLV	Health Care Select Sector SPDR Fund	-6.57%	19.31%	-2.17%	1.58%	35.15
XLRE	Real Estate Select Sector SPDR Fund	-7.43%	31.69%	-2.49%	3.62%	34.78
XLK	Technology Select Sector SPDR Fund	-8.42%	28.57%	-4.60%	4.62%	36.50
XLY	Consumer Discretionary Select Sector SPDR Fund	-8.81%	23.72%	-5.08%	3.35%	36.07
XLC	Communication Services Select Sector SPDR Fund	-12.11%	11.01%	-2.47%	-5.32%	39.95

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	
XLE	Energy Select Sector SPDR Fund	0.40%
BIZD	VanEck BDC Income ETF	0.34%
MLPA	Global X MLP ETF	0.21%
IYE	iShares U.S. Energy ETF	0.12%
VDE	Vanguard Energy ETF	0.11%
FENY	Fidelity MSCI Energy Index ETF	0.06%
ENFR	Alerian Energy Infrastructure ETF	0.00%
TPYP	Tortoise North American Pipeline Fund	-0.04%
MLPX	Global X MLP & Energy Infrastructure ETF	-0.13%
AMZA	InfraCap MLP ETF	-0.14%

Sector & Industry 1 Day Performance Laggards

Ticker	Fund	
XBI	SPDR S&P BIOTECH ETF	-5.94%
PSI	Invesco Dynamic Semiconductors ETF	-5.13%
XSD	SPDR S&P Semiconductor ETF	-4.51%
SOXX	iShares Semiconductor ETF	-4.47%
SOXQ	Invesco PHLX Semiconductor ETF	-4.33%
PTF	Invesco DWA Technology Momentum ETF	-4.25%
ITB	iShares U.S. Home Construction ETF	-4.02%
FBT	First Trust NYSE Arca Biotechnology Index Fund	-4.01%
IBB	iShares Biotechnology ETF	-3.95%
PSCT	Invesco S&P SmallCap Information Technology ETF	-3.95%

Sector & Industry Most Overbought

Ticker	Fund	
XLE	Energy Select Sector SPDR Fund	78.27
FENY	Fidelity MSCI Energy Index ETF	75.70
VDE	Vanguard Energy ETF	75.57
IYE	iShares U.S. Energy ETF	74.91
RYE	Invesco S&P 500 Equal Weight Energy ETF	74.20
MLPX	Global X MLP & Energy Infrastructure ETF	73.59
AMLP	Alerian MLP ETF	72.25
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	71.45
ENFR	Alerian Energy Infrastructure ETF	71.22
MLPA	Global X MLP ETF	71.06

Sector & Industry Most Oversold

	Ticker	Fund	
% I	PTH	Invesco DWA Healthcare Momentum ETF	24.54
% I	IBB	iShares Biotechnology ETF	25.28
% I	PSJ	Invesco Dynamic Software ETF	25.56
% F	FXH	First Trust Health Care AlphaDEX Fund	26.74
% F	FDN	First Trust Dow Jones Internet Index Fund	27.19
%)	XBI	SPDR S&P BIOTECH ETF	27.22
% F	PBE	Invesco Dynamic Biotechnology & Genome ETF	27.74
% F	PSCH	Invesco S&P SmallCap Health Care ETF	27.80
% I	IGV	iShares Expanded Tech-Software Sector ETF	28.21
%)	XHS	SPDR S&P Health Care Services ETF	28.28

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

2.0%

U.S. Sector Landscape

U.S. Sector & Industry 1-Week Flows

Biotech				\$322M			
Banks				\$264M			
Semiconductors			\$57M				
Metals & Mining			\$55M				
Health Care Equipment & Supplies			\$42M				
Banks: Regional			\$13M				
MLPs (C-Corp)			\$13M				
Mortgage REITs			\$7M				
MLPs (Note)			\$7M				
Natural Gas			\$7M				
Infrastructure			\$6M				
Midstream			\$2M				
BDCs			\$0M				
Health Care Providers & Services			\$0M				
Media & Entertainment			\$0M				
Pharmaceuticals			\$0M				
Transportation		\$0M					
Construction & Engineering		(\$1M)					
Insurance		(\$2M)					
Food & Beverage		(\$2M)					
Oil & Gas Equipment & Services		(\$2M)					
Leisure & Recreation		(\$7M)					
Aerospace & Defense		(\$13M)					
Oil & Gas Exploration & Production		(\$51M)					
Homebuilding	(\$211M)						
Software	(\$223M)						
Retail	(\$224M)						
	-400M -2	00M 0	M 200M	400M			
	1 Week (Custom SQL Query22)						

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Communication Services	9	\$19B	(\$159M)	(\$987M)	\$507M	\$1,319M
Consumer Discretionary	13	\$36B	(\$372M)	\$627M	\$271M	\$1,986M
Consumer Staples	12	\$24B	\$163M	\$2,253M	\$2,741M	\$588M
Energy	34	\$65B	\$145M	\$3,083M	\$3,883M	\$11,058M
Financials	28	\$92B	\$1,085M	\$5,236M	\$8,378M	\$19,279M
Health Care	26	\$90B	\$483M	\$6,065M	\$6,282M	\$7,559M
Industrial	14	\$36B	\$34M	(\$65M)	(\$1,387M)	\$242M
Materials	10	\$17B	\$21M	\$753M	(\$1,458M)	\$2,995M
Multi-Sector	19	\$25B	(\$299M)	\$1,426M	\$1,986M	\$4,229M
Real Estate	22	\$82B	\$60M	\$4,750M	\$8,594M	\$15,386M
Technology	24	\$152B	(\$822M)	\$2,403M	\$6,718M	\$7,137M
Utilities	10	\$21B	(\$86M)	\$236M	\$803M	\$681M

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	\$541M	\$3,706M	\$5,756M	\$8,704M	\$49,464M
XBI	SPDR S&P BIOTECH ETF	\$371M	\$1,067M	\$1,181M	\$1,751M	\$6,299M
VFH	Vanguard Financials ETF	\$180M	\$632M	\$831M	\$2,118M	\$12,581M
KBWB	Invesco KBW Bank ETF	\$141M	(\$322M)	\$164M	\$830M	\$3,394M
AMLP	Alerian MLP ETF	\$130M	\$284M	\$78M	\$48M	\$5,838M
XLP	Consumer Staples Select Sector SPDR Fund	\$116M	\$1,813M	\$1,985M	\$386M	\$14,464M
KBE	SPDR S&P Bank ETF	\$111M	\$347M	\$357M	\$106M	\$4,075M
XLV	Health Care Select Sector SPDR Fund	\$87M	\$4,103M	\$3,529M	\$5,456M	\$35,165M
VDE	Vanguard Energy ETF	\$73M	\$531M	\$507M	\$1,035M	\$7,082M
VNQ	Vanguard Real Estate ETF	\$68M	\$2,315M	\$2,816M	\$6,405M	\$47,689M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUN
XRT	SPDR S&P Retail ETF	(\$224M)	(\$543M)	(\$896M)	(\$504M)	\$260N
IGV	iShares Expanded Tech-Software Sector ETF	(\$215M)	\$375M	\$1,018M	(\$92M)	\$5,373N
XLC	Communication Services Select Sector SPDR Fu	(\$138M)	(\$805M)	\$459M	\$437M	\$13,435N
XLY	Consumer Discretionary Select Sector SPDR Fu	(\$129M)	\$1,018M	\$1,298M	\$673M	\$22,798N
XHB	SPDR S&P Homebuilders ETF	(\$128M)	\$475M	\$406M	\$561M	\$2,284N
MLPA	Global X MLP ETF	(\$117M)	(\$51M)	\$24M	\$132M	\$1,067N
ITB	iShares U.S. Home Construction ETF	(\$84M)	\$450M	\$546M	\$428M	\$3,065N
FDN	First Trust Dow Jones Internet Index Fund	(\$74M)	(\$404M)	(\$255M)	(\$2,071M)	\$8,870N
ХОР	SPDR S&P Oil & Gas Exploration & Production E	(\$60M)	(\$170M)	\$39M	\$226M	\$4,486N
IBB	iShares Biotechnology ETF	(\$56M)	\$346M	\$188M	\$39M	\$9,2471

* 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 18, 2022

Communication Services

May 21

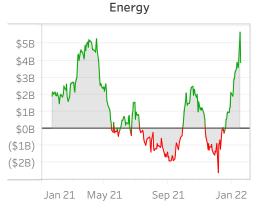
Jan 21

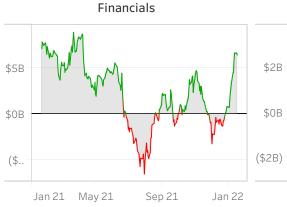
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Consumer Discretionary







Sep 21

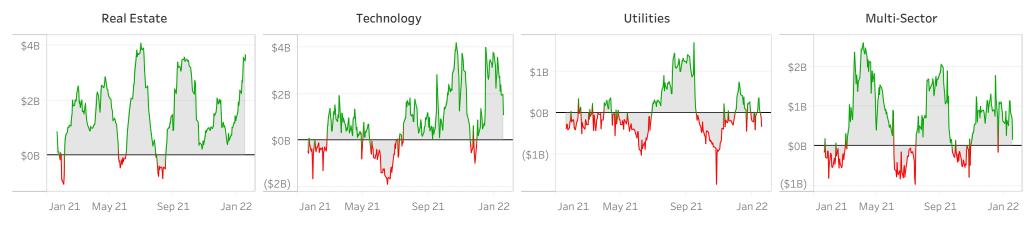


Industrial







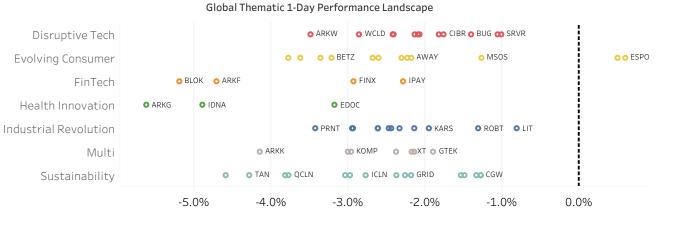


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Global Thematic Performance

January 18, 2022



Global Thematic Segment 1-Day Performance

eSports & Video Games (ESPO	0.59%
Digital Infrastructure (SRVR)	-1.02%
Water (PHO)	-1.34%
Clean Energy: Wind (FAN)	-1.49%
Cyber Security (HACK)	-2.08%
Cloud Computing (SKYY)	-2.10%
Smart Infrastructure (GRID)	-2.19%
Space (UFO)	-2.27%
Digital Payments (IPAY)	-2.29%
Connectivity (FIVG)	-2.41%
Advanced Materials (REMX)	-2.44%
NextGen Transportation (DRI	-2.48%
Robotics & AI (ROBO)	-2.62%
Big Data (AIQ)	-2.63%
FinTech (FINX)	-2.93%
Industrial Revolution (ARKQ)	-2.94%
Casinos & Gaming (BETZ)	-3.22%
Evolving Consumer (SOCL)	-3.36%
3D Printing (PRNT)	-3.43%
Disruptive Tech (ARKW)	-3.49%
Online Retail (IBUY)	-3.62%
Cannabis (MJ)	-3.78%
Multi-Theme (ARKK)	-4.15%
Clean Energy: Solar (TAN)	-4.29%
Clean Energy (PBW)	-4.59%
Blockchain (BLOK)	-5.19%
Genomics (ARKG)	-5.62%
Biotech	-5.84%
	-5.00% 0.00%

Global Thematic 1-Day Performance Leaders

Ticker	Fund	
KSTR	KraneShares SSE STAR Market 50 Index ETF	2.06%
ESPO	VanEck Video Gaming and eSports ETF	0.59%
HERO	Global X Video Games & Esports ETF	0.49%
NERD	Roundhill BITKRAFT Esports & Digital Entertainment ETF	0.46%
EBLU	Ecofin Global Water ESG Fund	-0.41%
VPN	Global X Data Center REITs & Digital Infrastructure ETF	-0.42%
GAMR	Wedbush ETFMG Video Game Tech ETF	-0.75%
LIT	Global X Lithium & Battery Tech ETF	-0.82%
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR	-1.02%
IHAK	iShares Cybersecurity & Tech ETF	-1.06%

Global Thematic 1-Day Performance Laggards

Ticker	Fund	
BITQ	Bitwise Crypto Industry Innovators ETF	-8.03%
вксн	Global X Blockchain ETF	-6.37%
MOON	Direxion Moonshot Innovators ETF	-6.30%
SBIO	ALPS Medical Breakthroughs ETF	-5.84%
GNOM	Global X Genomics & Biotechnology ETF	-5.69%
ARKG	ARK Genomic Revolution ETF	-5.62%
BLOK	Amplify Transformational Data Sharing ETF	-5.19%
HDRO	Defiance Next Gen H2 ETF	-4.93%
IDNA	iShares Genomics Immunology and Healthcare ETF Ge	-4.89%
ARKF	ARK Fintech Innovation ETF	-4.71%

Thematic Most Overbought

Ticker	Fund	
LEGR	First Trust Indxx Innovative Transaction & Process ETF	51.94
REMX	VanEck Rare Earth/Strategic Metals ETF	48.58
KSTR	KraneShares SSE STAR Market 50 Index ETF	47.82
DRIV	Global X Autonomous & Electric Vehicles ETF	46.09
BJK	VanEck Gaming ETF	45.90
KGRN	KraneShares MSCI China Clean Technology Index ETF	45.10
BATT	Amplify Lithium & Battery Technology ETF	44.26
IDRV	iShares Self-driving EV & Tech ETF	44.18
LIT	Global X Lithium & Battery Tech ETF	44.14
KWEB	KraneShares CSI China Internet ETF	43.04

Thematic Most Oversold

	Ticker	Fund	
ó	ENTR	ERShares Entrepreneurs ETF	13.95
6	IDNA	iShares Genomics Immunology and Healthcare ETF Geno	17.85
ó	PAWZ	ProShares Pet Care ETF	22.24
ó	GNOM	Global X Genomics & Biotechnology ETF	22.93
ó	FINX	Global X FinTech ETF	23.05
ó	HDRO	Defiance Next Gen H2 ETF	23.48
ó	BOTZ	Global X Robotics & Artificial Intelligence ETF	23.77
ó	ICLN	iShares Global Clean Energy ETF	23.79
ó	ARKF	ARK Fintech Innovation ETF	24.40
6	SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR	25.03

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



Ticker Fund

ARK Innovation ETF

Invesco Solar ETF

First Trust Cloud Computing ETF

WCLD WisdomTree Cloud Computing Fund

ARK Fintech Innovation ETF

Invesco WilderHill Clean Energy ETF VanEck Video Gaming and eSports ETF

ARKQ ARK Autonomous Technology & Robotics ETF

SRVR Pacer Benchmark Data & Infrastructure Real Estate SCTR ETF

First Trust Nasdaq Clean Edge Green Energy Index Fund

ARKK

SKYY

TAN

PBW

ESPO

QCLN

ARKF

Global Thematic Flows

Thematic 1 Week Flow Leaders

Ticker	Fund	
KWEB	KraneShares CSI China Internet ETF	\$428M
SARK	Tuttle Capital Short Innovation ETF	\$41M
DRIV	Global X Autonomous & Electric Vehicles ETF	\$34M
IDRV	iShares Self-driving EV & Tech ETF	\$27M
ARKG	ARK Genomic Revolution ETF	\$17M
ARKW	ARK Next Generation Internet ETF	\$12M
META	Roundhill Ball Metaverse ETF	\$10M
PHO	Invesco Water Resources ETF	\$6M
BLOK	Amplify Transformational Data Sharing ETF	\$6M
VPN	Global X Data Center REITs & Digital Infrastructure ETF	\$5M

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	38	\$25B	(\$152M)	(\$321M)	(\$338M)	\$1,838M
Evolving Consumer	44	\$15B	\$366M	\$1,623M	\$4,980M	\$9,460M
FinTech	19	\$6B	(\$1M)	(\$120M)	(\$414M)	\$2,420M
Health Innovation	18	\$6B	(\$47M)	(\$1,002M)	(\$1,688M)	(\$377M)
Industrial Revolution	25	\$17B	\$41M	\$1,011M	\$1,377M	\$5,396M
Multi	30	\$22B	(\$711M)	(\$260M)	(\$735M)	\$4,723M
Sustainability	38	\$20B	(\$64M)	\$1M	\$624M	\$4,006M
Grand Total	212	\$111B	(\$567M)	\$932M	\$3,806M	\$27,466M

Thematic Landscape Assets & Flows

Thematic 1 Week Flow Laggards

(\$29M) (\$26M)

(\$577M)

(\$63M)

(\$51M)

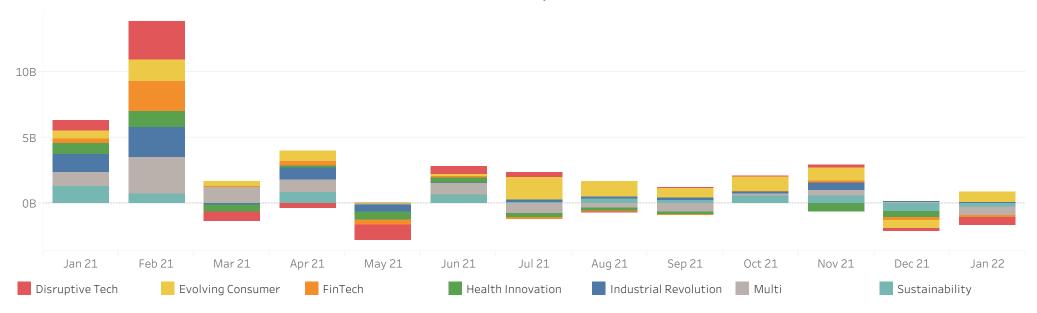
(\$37M) (\$33M)

(\$32M)

(\$32M)

(\$25M)

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

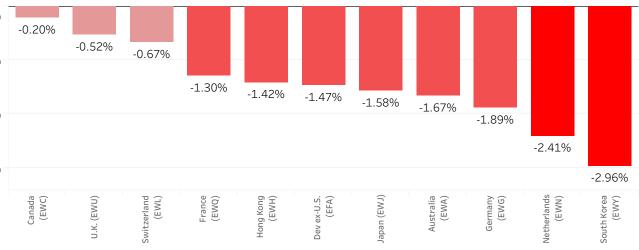


Developed Markets ex-U.S. Performance

January 18, 2022



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



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



Developed ex-U.S. Monthly Flows

Jun 21

Jul 21 Aug 21 Sep 21 Oct 21 Nov 21 Dec 21 Jan 22

10B

5B

0B

Feb 21 Mar 21 Apr 21 May ..

Jan 21

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

Ticker	Fund	
BBCA	JPMorgan BetaBuilders Canada ETF	-0.10%
EWC	iShares MSCI Canada ETF	-0.20%
LVHI	Legg Mason International Low Volatility High Dividend ETF	-0.32%
IDV	iShares International Select Dividend ETF	-0.36%
FKU	First Trust United Kingdom AlphaDEX Fund	-0.44%
IHDG	WisdomTree International Hedged Quality Dividend Growth	-0.48%
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	-0.50%
EWU	iShares MSCI United Kingdom ETF	-0.52%
EWO	iShares MSCI Austria ETF	-0.53%
FLGB	Franklin FTSE United Kingdom ETF	-0.57%

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

Ticker	Fund	
EWD	iShares MSCI Sweden ETF	-3.49%
FLKR	Franklin FTSE South Korea ETF	-3.47%
ISRA	VanEck Israel ETF	-3.05%
EWY	iShares MSCI South Korea ETF	-2.96%
EIS	iShares MSCI Israel ETF	-2.67%
EIRL	iShares MSCI Ireland ETF	-2.58%
EDEN	iShares MSCI Denmark ETF	-2.42%
EWN	iShares MSCI Netherlands ETF	-2.41%
IMOM	Alpha Architect International Quantitative Momentum ETF	-2.38%
AIA	iShares Asia 50 ETF	-2.24%

Developed ex-U.S. Most Overbought

	Ticker	Fund	
)	IDV	iShares International Select Dividend ETF	75.11
)	IDOG	ALPS International Sector Dividend Dogs ETF	71.57
)	DFIV	Dimensional International Value ETF	69.50
)	LVHI	Legg Mason International Low Volatility High Dividend ETF	69.37
)	HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	69.29
)	FIDI	Fidelity International High Dividend ETF	69.08
)	DTH	WisdomTree International High Dividend Fund	68.19
)	IVLU	iShares MSCI Intl Value Factor ETF	67.03
)	EWU	iShares MSCI United Kingdom ETF	65.83
)	EFV	iShares MSCI EAFE Value ETF	65.14

Developed ex-U.S. Most Oversold

	Ticker	Fund	
ó	EFAD	ProShares MSCI EAFE Dividend Growers ETF	25.23
ó	PIZ	Invesco DWA Developed Markets Momentum ETF	27.92
6	EFG	iShares MSCI EAFE Growth ETF	29.12
ó	IMOM	Alpha Architect International Quantitative Moment	29.18
ó	EDEN	iShares MSCI Denmark ETF	30.13
ó	RBIN	Nationwide Risk-Based International Equity ETF	32.06
6	IMFL	Invesco International Developed Dynamic Multifact	32.65
ó	EFAV	iShares MSCI EAFE Min Vol Factor ETF	32.82
ó	TTAI	FCF International Quality ETF	34.01
6	IDHQ	Invesco S&P International Developed High Quality E	34.38

* 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. (EFA)



Emerging Markets Performance

January 18, 2022

80.36

79.77

77.21

60.21

60.00

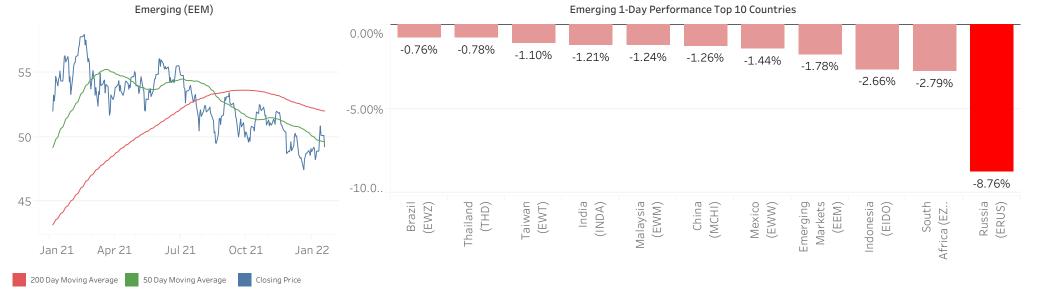
59.90

59.47

58.90

58.06

57.44



Emerging 30-Day Rolling Flows



Emerging Monthly Flows

Apr 21

10B

5B

0B

Jan 21 Feb 21 Mar 21 **Emerging 1-Day Performance Leaders**

Ticker	Fund	
QAT	iShares MSCI Qatar ETF	1.83%
КВА	KraneShares Bosera MSCI China A 50 Connect Index ETF	1.73%
CNYA	iShares MSCI China A ETF	1.59%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	1.23%
RAYC	Rayliant Quantamental China Equity ETF	0.77%
KSA	iShares MSCI Saudi Arabia ETF	0.61%
EPU	iShares MSCI Peru ETF	0.33%
ECNS	iShares MSCI China Small-Cap ETF	0.04%
PIE	Invesco DWA Emerging Markets Momentum ETF	-0.36%
EDIV	SPDR S&P Emerging Markets Dividend ETF	-0.55%

Emerging 1-Day Performance Laggards

								Ticker	Fund
								ERUS	iShares MSCI Russia ETF
								RSX	VanEck Russia ETF
								TUR	iShares MSCI Turkey ETF
								EPOL	iShares MSCI Poland ETF
								EZA	iShares MSCI South Africa ETF
								EIDO	iShares MSCI Indonesia ETF
								XCEM	Columbia EM Core ex-China ETF
21 21	21	27	53	27	21	57	52	EWZS	iShares MSCI Brazil Small-Cap ETF
May 21 Jun 21	lυL	бn	Sep	oct	Nov	Dec	Jan	IDX	VanEck Indonesia Index ETF
\geq \neg	,	∢	S	0	2			SMIN	iShares MSCI India Small Cap ETF

Emerging Most Oversold

Emerging Most Overbought

Ticker Fund

iShares MSCI Saudi Arabia ETF

SPDR S&P Emerging Markets Dividend ETF

Invesco S&P Emerging Markets Low Volatility ETF

WisdomTree Emerging Markets High Dividend Fund

Invesco BLDRS Emerging Markets 50 ADR Index Fund

iShares MSCI Peru ETF

iShares MSCI Qatar ETF

iShares MSCI Chile ETF

iShares Latin America 40 ETF

WisdomTree India Earnings Fund

KSA

EPU

QAT

EDIV

ECH

EELV

ILF

EPI

DEM

ADRE

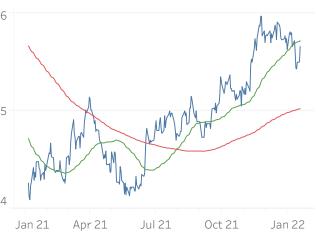
	Ticker	Fund	
-8.76%	RSX	VanEck Russia ETF	25.48
-7.72%	VNM	VanEck Vietnam ETF	25.62
-6.33%	ERUS	iShares MSCI Russia ETF	26.12
-3.22%	MFEM	PIMCO RAFI Dynamic Multi-Factor Emerging Market	31.98
-2.79%	KBA	KraneShares Bosera MSCI China A 50 Connect Index	35.09
-2.66%	PIE	Invesco DWA Emerging Markets Momentum ETF	38.83
-2.61%	JEMA	JPMorgan ActiveBuilders Emerging Markets Equity	42.97
-2.39%	IDX	VanEck Indonesia Index ETF	43.15
-2.31%	FM	iShares MSCI Frontier and Select EM ETF	43.37
-2.20%	ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	43.40

* 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 (AGG)





Currencies (UUP)

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	-0.61%	-2.63%	-2.27%	DJP	Broad Commodities	0.60%	9.71%	5.85%		Long Dollar	0.63%	-0.96%	0.12%
AUU		0.0170	2.05%	2.2770	DBE	Energy	1.31%	16.09%	10.66%	UUP				
SHY	1-3 Year Treasury Bonds	-0.15%	-0.64%	-0.58%	USO	WTI Crude Oil	1.67%	20.07%	12.16%					
					BNO	Brent Crude Oil	1.73%	19.95%	12.72%		Short Dollar	-0.59%	0.90%	-0.10%
IEF	7-10 Year Treasury Bonds	-0.76%	-3.69%	-2.84%	UNG	Natural Gas	1.13%	19.02%	14.73%	UDN				
		-1.41%	-7.11%	E 400/	UGA	Gasoline	0.69%	14.78%	10.18%					
TLT	20+ Year Treasury Bonds	-1.41%	-7.11%	-5.46%	DBP	Precious Metals	0.21%	1.65%	-0.73%					
TIP	TIPS Bonds	-0.48%	-2.03%	-3.01%	GLD	Gold	-0.17%	0.95%	-0.92%	FXE	Euro	-0.90%	0.61%	-0.59%
116		0.1070	2.0570	5.0170	SLV	Silver	2.31%	4.88%	0.84%					
FLOT	Floating Rate Bonds	0.02%	0.14%	-0.04%	PPLT	Platinum	1.35%	5.24%	1.81%	FXB			2.68%	0.56%
		-0.95%	-3.82%	-3.46%	PALL	Palladium	1.40%	7.02%	0.45%		British Pound Sterling	-0.60%		
LQD	Investment Grade Corporate				DBB	Base Metals	0.40%	6.89%	2.52%					
		0.4000	0.010/	1 5 404	CPER	Copper	-0.96%	2.60%	-1.36%		Swiss Franc		0.68%	-0.62%
HYG	High Yield Corporate	-0.49%	-0.81%	-1.54%	LD	Lead	-2.93%	0.64%	-0.28%	FXF		-0.38%		
BKLN	Senior Loan	-0.32%	0.66%	0.14%	JJN	Nickel	-1.04%	12.31%	5.40%	174				
DICEN	Senior Edan	0.0270	0.0070		JJU	Aluminum	1.43%	10.53%	7.63%					
PFF	Preferred & Income Securities	rred & Income Securities -0.78%	-1.11%	-2.82%	JJT	Tin	4.34%	9.96%	8.39%	FXY	Japanese Yen	-0.32%	-0.79%	0.49%
					DBA	Agriculture	0.10%	1.94%	1.06%	FAT		0.5270		
MUB	Municipal Bonds	cipal Bonds -0.35%	-1.36%	-1.26%	CORN	Corn	0.05%	1.53%	1.39%					
	MBS -0.57	0.570/	0.440/	-2.00%	SOYB	Soybeans	-0.60%	4.63%	1.41%	FXC	Canadian Dollar 0.24%	0.2404	3.02%	0.98%
MBB		-0.57%	-2.11%		WEAT	Wheat	2.94%	-1.08%	-0.54%			0.2470	3.02%	
EMB	Dollar Denominated EM Bonds	-0.92%	-4.17%	-4.68%	CANE	Sugar	0.77%	-1.10%	-1.31%					
		0.0270			BAL	Cotton	1.19%	13.10%	7.59%	FXA	Avertualize Dellan	0.500/	0 7 40/	1.010/
LEMB	Local Currency EM Bond	-0.60%	1.32%	-0.38%	NIB	Cocoa	-1.62%	7.18%	5.12%		Australian Dollar	-0.50%	0.74%	-1.21%
					JO	Coffee	-0.75%	1.92%	5.96%					

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