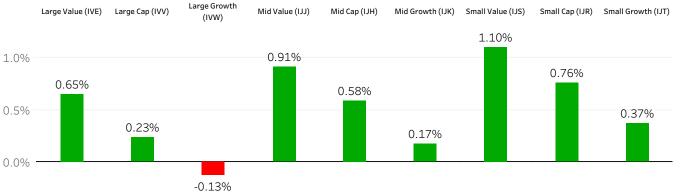


U.S. Size & Style Performance

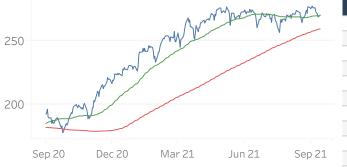
Large Cap Blend (S&P 500) IVV





U.S. Size & Style 1-Day Performance

Mid Cap Blend (S&P 400) IJH



Small Cap Blend (S&P 600) IJR

Size & Style 1-Day Performance Leaders

Ticker	Fund	
RPV	Invesco S&P 500 Pure Value ETF	1.56%
SPVU	Invesco S&P 500 Enhanced Value ETF	1.33%
RYJ	Invesco Raymond James SB-1 Equity ETF	1.25%
ISCV	iShares Morningstar Small Cap Value ETF	1.23%
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	1.16%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	1.16%
SVAL	iShares US Small Cap Value Factor ETF	1.12%
SLYV	SPDR S&P 600 Small Cap Value ETF	1.11%
VIOV	Vanguard S&P Small-Cap 600 Value ETF	1.10%
IJS	iShares S&P Small-Cap 600 Value ETF	1.10%

Size & Style 1-Day Performance Laggards

100		لم	www.hor	mputty	Martin
80	An m	www]
	V Sep 20	Dec 20	Mar 21	Jun 21	Sep 21
C	losing Price		50 Day Moving	Average	200 Day Moving

FFTY	Innovator IBD 50 ETF	-2.71%
IPO	Renaissance IPO ETF	-1.45%
PSET	Principal Quality ETF	-1.28%
RPG	Invesco S&P 500 Pure Growth ETF	-1.02%
MFMS	Motley Fool Small-Cap Growth ETF	-0.92%
QQQN	VictoryShares Nasdaq Next 50 ETF	-0.89%
JSMD	Janus Henderson Small/Mid Cap Growth Alpha ETF	-0.88%
CSF	VictoryShares US Discovery Enhanced Volatility Wtd ETF	-0.83%
DWEQ	AdvisorShares Dorsey Wright Alpha Equal Weight ETF	-0.82%
NUMG	Nuveen ESG Mid-Cap Growth ETF	-0.79%

erage 200 Day Moving Average

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

Ticker

Fund

Size & Style Most Overbought

Ticker	Fund	
IPO	Renaissance IPO ETF	58.39
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	56.00
QQQM	Invesco NASDAQ 100 ETF	55.36
QQQ	Invesco QQQ Trust	55.20
MMLG	First Trust Multi-Manager Large Growth ETF	54.35
ONEQ	Fidelity Nasdaq Composite Index ETF	54.17
MTUM	iShares MSCI USA Momentum Factor ETF	54.15
DWAS	Invesco DWA SmallCap Momentum ETF	53.67
QQH	HCM Defender 100 Index ETF	53.55
PTNQ	Pacer Trendpilot 100 ETF	53.41

Size & Style Most Oversold

Ticker	Fund	
REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	35.64
VSMV	VictoryShares US Multi-Factor Minimum Volatility E	36.29
CSB	VictoryShares US Small Cap High Dividend Volatility	37.38
SMDV	ProShares Russell 2000 Dividend Growers ETF	38.19
VSDA	VictoryShares Dividend Accelerator ETF	38.55
FLQL	Franklin LibertyQ U.S. Equity ETF	38.70
CHGX	Change Finance U.S. Large Cap Fossil Fuel Free ETF	39.33
SDY	SPDR S&P Dividend ETF	39.51
DGRS	WisdomTree US Smallcap Quality Dividend Growth F	39.65
LVHD	Legg Mason Low Volatility High Dividend ETF	39.85
	REGL VSMV CSB SMDV VSDA FLQL CHGX SDY DGRS	REGL ProShares S&P MidCap 400 Dividend Aristocrats ETF VSMV VictoryShares US Multi-Factor Minimum Volatility E CSB VictoryShares US Small Cap High Dividend Volatility SMDV ProShares Russell 2000 Dividend Growers ETF VSDA VictoryShares Dividend Accelerator ETF FLQL Franklin LibertyQ U.S. Equity ETF CHGX Change Finance U.S. Large Cap Fossil Fuel Free ETF SDY SPDR S&P Dividend ETF DGRS WisdomTree US Smallcap Quality Dividend Growth F

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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	24	\$1,278B	\$4.57B	\$54.44B	\$72.64B	\$91.62B
Large Cap, Beta Growth, Beta: Growth	10	\$262B	\$0.46B	\$8.92B	\$9.79B	\$3.38B
Small Cap, Beta, Beta: Growth	7	\$39B	\$0.16B	\$0.26B	(\$0.17B)	\$1.63B
Mid Cap, Beta, Beta	10	\$185B	\$0.12B	\$0.70B	\$3.39B	\$8.02B
Large Cap, Beta Growth, Beta: Value	10	\$198B	\$0.09B	\$1.50B	\$14.89B	\$31.96B
Mid Cap, Beta, Beta: Growth	6	\$40B	\$0.07B	\$0.13B	(\$1.28B)	(\$2.35B)
Small Cap, Beta, Beta: Value	7	\$55B	\$0.07B	(\$1.29B)	\$0.12B	\$8.81B
Mid Cap, Beta, Beta: Value	6	\$40B	(\$0.01B)	(\$1.00B)	\$1.20B	\$3.75B
Small Cap, Beta, Beta	12	\$213B	(\$0.26B)	\$1.78B	(\$0.01B)	\$23.03B

U.S. Size & Style Landscape Flows

U.S. Size & Style Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$3.38B	\$18.81B	\$19.22B	\$6.51B	\$400.71B
VTI	Vanguard Total Stock Market ETF	\$0.54B	\$11.08B	\$22.25B	\$46.10B	\$269.87B
IVV	iShares Core S&P 500 ETF	\$0.48B	\$7.37B	\$9.25B	\$19.82B	\$302.64B
V00	Vanguard S&P 500 ETF	\$0.41B	\$11.78B	\$23.74B	\$37.62B	\$253.07B
SPYG	SPDR Portfolio S&P 500 Growth ETF	\$0.39B	\$2.56B	\$3.09B	\$2.14B	\$14.55B
IWB	iShares Russell 1000 ETF	\$0.20B	\$0.25B	\$0.49B	(\$0.38B)	\$30.89B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.18B	(\$0.89B)	\$0.87B	\$1.89B	\$30.15B
VO	Vanguard Mid-Cap ETF	\$0.17B	\$1.42B	\$2.46B	\$4.32B	\$52.56B
VV	Vanguard Large-Cap ETF	\$0.16B	\$0.54B	\$0.84B	\$0.77B	\$26.08B
OEF	iShares S&P 100 ETF	\$0.13B	\$0.41B	\$0.36B	(\$0.64B)	\$8.34B

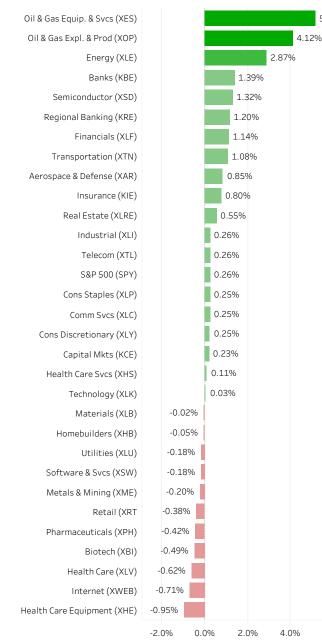
U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QUAL	iShares MSCI USA Quality Factor ETF	(\$0.60B)	\$2.16B	\$1.94B	(\$0.70B)	\$24.65B
IWM	iShares Russell 2000 ETF	(\$0.43B)	(\$0.13B)	(\$4.44B)	\$6.96B	\$66.30B
QQQ	Invesco QQQ Trust	(\$0.40B)	\$11.67B	\$12.13B	\$16.13B	\$192.74B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.11B)	(\$0.85B)	(\$0.71B)	(\$0.27B)	\$20.64B
SUSL	iShares ESG MSCI USA Leaders ETF	(\$0.11B)	\$0.14B	\$0.33B	\$0.52B	\$3.92B
IWD	iShares Russell 1000 Value ETF	(\$0.08B)	(\$0.14B)	\$1.81B	\$4.95B	\$54.32B
IVW	iShares S&P 500 Growth ETF	(\$0.07B)	\$0.37B	(\$0.37B)	(\$3.05B)	\$36.90B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.05B)	(\$0.79B)	(\$3.33B)	(\$11.18B)	\$28.46B
FQAL	Fidelity Quality Factor ETF	(\$0.05B)	(\$0.01B)	\$0.00B	\$0.01B	\$0.21B
FDLO	Fidelity Low Volatility Factor ETF	(\$0.05B)	\$0.00B	\$0.01B	\$0.02B	\$0.48B

* 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

5.16%



Ticker	Fund Name	% From 52W High	% From 52W Low	% Abv/Below 50 SMA	% Abv/Below 200 SMA	RSI (14D)
XLY	Consumer Discretionary Select Sector SPDR Fund	-0.69%	28.24%	1.04%	6.51%	55.77
XLP	Consumer Staples Select Sector SPDR Fund	-1.25%	15.74%	0.71%	4.78%	49.92
SPY	SPDR S&P 500 ETF Trust	-1.46%	36.76%	1.01%	9.14%	49.70
XLC	Communication Services Select Sector SPDR Fund	-1.84%	44.34%	1.68%	11.09%	53.18
XLK	Technology Select Sector SPDR Fund	-1.89%	41.33%	1.34%	11.81%	50.39
XLU	Utilities Select Sector SPDR Fund	-2.48%	17.08%	1.50%	5.95%	48.62
XLF	Financial Select Sector SPDR Fund	-2.54%	61.81%	1.68%	9.76%	51.61
XLI	Industrial Select Sector SPDR Fund	-3.13%	36.54%	-1.16%	4.40%	41.51
XLV	Health Care Select Sector SPDR Fund	-3.27%	30.21%	-0.26%	8.57%	39.21
XLRE	Real Estate Select Sector SPDR Fund	-3.32%	38.64%	0.92%	13.39%	48.49
XLB	Materials Select Sector SPDR Fund	-5.29%	35.60%	0.30%	4.85%	44.92
XLE	Energy Select Sector SPDR Fund	-12.51%	77.41%	0.06%	1.95%	53.50

Select Sector SPDRs Technicals

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	
XES	SPDR S&P Oil & Gas Equipment & Services ETF	5.16%
IEZ	iShares U.S. Oil Equipment & Services ETF	4.63%
FCG	First Trust Natural Gas ETF	4.47%
PSCE	Invesco S&P SmallCap Energy ETF	4.35%
PXI	Invesco DWA Energy Momentum ETF	4.13%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	4.12%
PXE	Invesco Dynamic Energy Exploration & Production	4.08%
FXN	First Trust Energy AlphaDEX Fund	3.66%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	3.61%
RYE	Invesco S&P 500 Equal Weight Energy ETF	3.60%

Sector & Industry 1 Day Performance Laggards

Ticker	Fund	
PTH	Invesco DWA Healthcare Momentum ETF	-2.71%
IBB	iShares Biotechnology ETF	-1.68%
IHI	iShares U.S. Medical Devices ETF	-1.50%
PBE	Invesco Dynamic Biotechnology & Genome ETF	-1.43%
PSJ	Invesco Dynamic Software ETF	-1.33%
IGV	iShares Expanded Tech-Software Sector ETF	-1.26%
FXH	First Trust Health Care AlphaDEX Fund	-1.22%
IBBQ	Invesco Nasdaq Biotechnology ETF	-1.22%
XHE	SPDR S&P Health Care Equipment ETF	-0.95%
PNQI	Invesco NASDAQ Internet ETF	-0.87%

Sector & Industry Most Overbought

Ticker	Fund	
XSD	SPDR S&P Semiconductor ETF	65.72
PSI	Invesco Dynamic Semiconductors ETF	63.79
FCG	First Trust Natural Gas ETF	63.17
FTXL	First Trust Nasdaq Semiconductor ETF	63.05
PXE	Invesco Dynamic Energy Exploration & Production ETF	63.03
PXI	Invesco DWA Energy Momentum ETF	62.59
SOXX	iShares Semiconductor ETF	61.86
SOXQ	Invesco PHLX Semiconductor ETF	61.53
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	61.00
PSCE	Invesco S&P SmallCap Energy ETF	60.90

Sector & Industry Most Oversold

	Ticker	Fund	
%	PJP	Invesco Dynamic Pharmaceuticals ETF	34.58
%	IHE	iShares U.S. Pharmaceuticals ETF	36.49
%	XPH	SPDR S&P Pharmaceuticals ETF	37.56
%	XRT	SPDR S&P Retail ETF	39.09
%	XLV	Health Care Select Sector SPDR Fund	39.21
%	XAR	SPDR S&P Aerospace & Defense ETF	39.28
%	IYH	iShares U.S. Healthcare ETF	39.83
%	FHLC	Fidelity MSCI Health Care Index ETF	39.91
%	VHT	Vanguard Health Care ETF	40.12
%	IYJ	iShares U.S. Industrials ETF	40.19

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

6.0%

U.S. Sector Landscape

U.S. Sector & Industry 1-Week Flows

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				23M
			\$01	N
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		(\$38M)		
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		(\$54M)		
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	(\$141	M)		
(\$384M)				
-40	0M -20	NO	0M	200
	1 Week (Cus	tom SQL Q	uery22)
		(\$ (\$1411 (\$384M) -400M -20	(\$1M (\$2M (\$2M (\$2M (\$2M (\$6M) (\$6M) (\$8M) (\$8M) (\$14M) (\$23M) (\$38M) (\$38M) (\$50M) (\$54M) (\$54M) (\$54M) (\$54M) (\$54M) (\$54M) (\$384M)	(\$1410) (\$1840) (\$1410) (\$1410) (\$1410) (\$1410)

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Communication Services	9	\$22B	\$3M	\$1,740M	\$1,653M	\$2,299M
Consumer Discretionary	13	\$34B	\$18M	(\$426M)	\$194M	\$3,065M
Consumer Staples	12	\$22B	(\$32M)	\$194M	\$1,250M	(\$3,138M)
Energy	34	\$46B	(\$138M)	(\$2,541M)	\$629M	\$10,154M
Financials	28	\$76B	(\$1,167M)	(\$4,108M)	\$4,197M	\$20,393M
Health Care	25	\$92B	(\$307M)	\$4,393M	\$4,892M	\$3,806M
Industrial	14	\$35B	(\$597M)	(\$3,339M)	(\$2,189M)	\$4,463M
Materials	10	\$16B	\$146M	(\$2,332M)	\$2,134M	\$6,199M
Multi-Sector	16	\$25B	(\$97M)	\$210M	\$1,988M	\$3,471M
Real Estate	21	\$75B	\$795M	\$3,856M	\$8,634M	\$12,410M
Technology	24	\$143B	(\$52M)	\$3,547M	\$2,644M	\$1,290M
Utilities	10	\$21B	(\$78M)	\$1,732M	\$682M	\$323M

U.S. Sector Landscape

U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IYR	iShares U.S. Real Estate ETF	\$844M	\$1,068M	\$2,479M	\$2,935M	\$7,622M
XLB	Materials Select Sector SPDR Fund	\$123M	(\$1,779M)	\$844M	\$2,796M	\$8,045M
VGT	Vanguard Information Technology ETF	\$96M	\$1,272M	\$1,595M	\$1,262M	\$50,635M
IGV	iShares Expanded Tech-Software Sector ETF	\$83M	(\$2M)	(\$515M)	(\$1,035M)	\$5,614M
XLE	Energy Select Sector SPDR Fund	\$58M	(\$633M)	\$381M	\$7,863M	\$21,850M
XLY	Consumer Discretionary Select Sector SPDR Fu	\$55M	(\$811M)	(\$1,058M)	\$272M	\$19,806M
VHT	Vanguard Health Care ETF	\$40M	\$915M	\$975M	\$1,910M	\$16,705M
SCHH	Schwab U.S. REIT ETF	\$27M	\$137M	\$291M	\$577M	\$6,358M
IHI	iShares U.S. Medical Devices ETF	\$27M	\$180M	(\$1,057M)	(\$1,647M)	\$8,720M
XME	SPDR S&P Metals & Mining ETF	\$23M	(\$405M)	(\$112M)	\$716M	\$1,857M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$1,039M)	(\$3,665M)	\$49M	\$11,151M	\$40,611M
XLI	Industrial Select Sector SPDR Fund	(\$540M)	(\$2,285M)	(\$2,276M)	\$1,747M	\$17,843M
XBI	SPDR S&P BIOTECH ETF	(\$322M)	(\$101M)	\$492M	\$701M	\$7,194M
XLK	Technology Select Sector SPDR Fund	(\$163M)	\$713M	\$553M	(\$1,544M)	\$45,337M
XOP	SPDR S&P Oil & Gas Exploration & Production E	(\$139M)	(\$993M)	(\$759M)	(\$509M)	\$2,782M
KBWB	Invesco KBW Bank ETF	(\$90M)	\$290M	\$696M	\$1,238M	\$2,806M
XLU	Utilities Select Sector SPDR Fund	(\$88M)	\$1,566M	\$383M	(\$23M)	\$13,530M
VNQ	Vanguard Real Estate ETF	(\$82M)	\$935M	\$2,710M	\$5,491M	\$44,176M
KRE	SPDR S&P Regional Banking ETF	(\$67M)	(\$458M)	\$361M	\$2,424M	\$4,302M
IBB	iShares Biotechnology ETF	(\$61M)	(\$430M)	(\$401M)	(\$475M)	\$11,238M

* 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

September 13, 2021

Sep 21

Communication Services

Consumer Discretionary

Consumer Staples

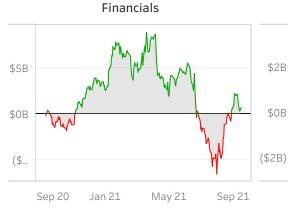
Energy

Materials











Jan 21

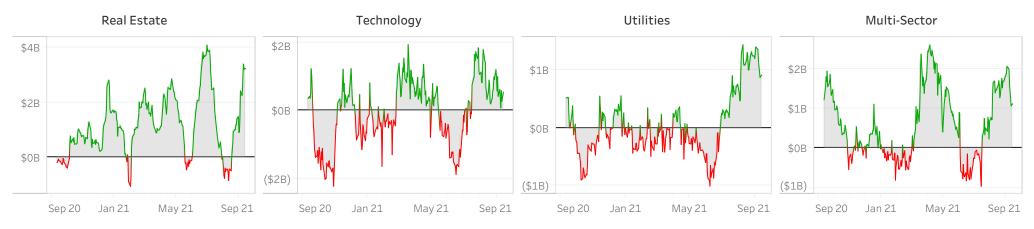
Sep 20

May 21









\$4B

\$2B

\$0B

(\$2B)

Sep 21

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Global Thematic Performance

September 13, 2021

O ARKW 0000 0 O SRVR O O FIVG Disruptive Tech **Evolving Consumer** O KWEB 00 0 00 0 ONLN OMSDS O AWAY O O ARKF O BLCN O BLOK FinTech Health Innovation • ARKG • • GNOM O EDOC Industrial Revolution O REMX 0 0 O ARKQO O O IDRV O BOTZ O LIT 0 0 OO IZRL OGINN O ARKK Multi 0 0 XT OO FIW OO PIO o olcln • • PBD • o o FAN Sustainability 0 0 -2.5% -2.0% -1.5% -1.0% -0.5% 0.0% 0.5% 1.0% 1.5% 2.0%

Global Thematic 1-Day Performance Landscape

Global Thematic 1-Day Performance Leaders

Ticker	Fund	
TAN	Invesco Solar ETF	2.00%
ICLN	iShares Global Clean Energy ETF	1.99%
CNRG	SPDR S&P Kensho Clean Power ETF	1.87%
FAN	First Trust Global Wind Energy ETF	1.48%
CTEC	Global X CleanTech ETF	1.45%
PBW	Invesco WilderHill Clean Energy ETF	1.35%
HAIL	SPDR S&P Kensho Smart Mobility ETF	1.23%
ACES	ALPS Clean Energy ETF	1.14%
BOTZ	Global X Robotics & Artificial Intelligence ETF	1.07%
SMOG	VanEck Low Carbon Energy ETF	0.93%

Global Thematic 1-Day Performance Laggards

Ticker	Fund	
GERM	ETFMG Treatments Testing and Advancements ETF	-3.23%
KSTR	KraneShares SSE STAR Market 50 Index ETF	-2.81%
ΡΟΤΧ	Global X Cannabis ETF	-2.69%
KFVG	KraneShares CICC China 5G & Semiconductor Index ETF	-2.49%
ARKG	ARK Genomic Revolution ETF	-2.28%
IDNA	iShares Genomics Immunology and Healthcare ETF Geno	-1.95%
KWEB	KraneShares CSI China Internet ETF	-1.93%
ARKK	ARK Innovation ETF	-1.90%
GNOM	Global X Genomics & Biotechnology ETF	-1.80%
LIT	Global X Lithium & Battery Tech ETF	-1.67%

Thematic Most Overbought

Ticker	Fund	
BOTZ	Global X Robotics & Artificial Intelligence ETF	70.86
KLDW	Knowledge Leaders Developed World ETF	69.74
QTUM	Defiance Quantum ETF	66.26
ROBO	ROBO Global Robotics & Automation Index ETF	65.00
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	62.18
NXTG	First Trust Indxx NextG ETF	61.23
IVES	Wedbush ETFMG Global Cloud Technology ETF	57.84
LEGR	First Trust Indxx Innovative Transaction & Process ETF	57.81
REMX	VanEck Rare Earth/Strategic Metals ETF	57.73
SNSR	Global X Internet of Things ETF	57.22

Thematic Most Oversold

Ticker	Fund	
MSOS	AdvisorShares Pure US Cannabis ETF	25.27
YOLO	AdvisorShares Pure Cannabis ETF	27.89
POTX	Global X Cannabis ETF	30.32
CNBS	Amplify Seymour Cannabis ETF	30.44
MJ	ETFMG Alternative Harvest ETF	31.79
тнсх	Cannabis ETF	33.04
KSTR	KraneShares SSE STAR Market 50 Index ETF	34.60
AGNG	Global X Aging Population ETF	35.20
PAWZ	ProShares Pet Care ETF	38.03
KFVG	KraneShares CICC China 5G & Semiconductor Index ETF	39.20

Global Thematic Segment 1-Day Performance

2.00%

1.48%

1.35%

Clean Energy: Solar (TAN)	2.0
Clean Energy: Wind (FAN)	1.489
Clean Energy (PBW)	1.35%
Connectivity (FIVG)	0.61%
NextGen Transportation (DRI	0.57%
Smart Infrastructure (GRID)	0.49%
Robotics & AI (ROBO)	0.35%
Digital Infrastructure (SRVR)	0.17%
Biotech	0.09%
Cyber Security (HACK)	-0.03%
Blockchain (BLOK)	-0.16%
Online Retail (IBUY)	-0.18%
Cloud Computing (SKYY)	-0.26%
Industrial Revolution (ARKQ)	-0.31%
Big Data (AIQ)	-0.41%
Casinos & Gaming (BETZ)	-0.51%
3D Printing (PRNT)	-0.62%
Space (UFO)	-0.73%
FinTech (FINX)	-0.82%
Digital Payments (IPAY)	-0.94%
Water (PHO)	-1.06%
Cannabis (MJ)	-1.09%
eSports & Video Games (ESPO	-1.34%
Advanced Materials (REMX)	-1.35%
Evolving Consumer (SOCL)	-1.36%
Disruptive Tech (ARKW)	-1.56%
Multi-Theme (ARKK)	-1.90%
Genomics (ARKG)	-2.28%
	-2.00% 0.00% 2.00%

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



Global Thematic Flows

Thematic 1 Week Flow Leaders

Ticker	Fund	_
KWEB	KraneShares CSI China Internet ETF	\$387M
BUG	Global X Cybersecurity ETF	\$78M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$50M
LIT	Global X Lithium & Battery Tech ETF	\$35M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$32M
FIW	First Trust Water ETF	\$23M
PHO	Invesco Water Resources ETF	\$18M
SKYY	First Trust Cloud Computing ETF	\$17M
CLOU	Global X Cloud Computing ETF	\$16M
META	Roundhill Ball Metaverse ETF	\$15M

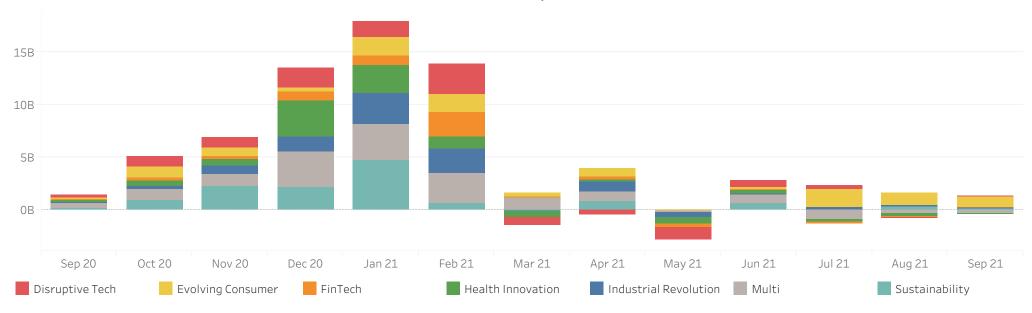
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	29	\$29B	\$29M	\$904M	(\$599M)	\$7,219M
Evolving Consumer	38	\$18B	\$128M	\$3,892M	\$5,156M	\$11,089M
FinTech	12	\$8B	\$5M	(\$109M)	\$235M	\$4,886M
Health Innovation	14	\$10B	(\$56M)	(\$286M)	(\$593M)	\$7,396M
Industrial Revolution	22	\$18B	\$77M	\$612M	\$1,279M	\$8,570M
Multi	27	\$30B	(\$181M)	(\$555M)	(\$543M)	\$13,349M
Sustainability	32	\$23B	\$70M	\$1,045M	\$2,182M	\$13,015M
Grand Total	174	\$136B	\$72M	\$5,502M	\$7,118M	\$65,523M

Thematic Landscape Assets & Flows

Thematic 1 Week Flow Laggards

Ticker Fund ARKK ARK Innovation ETF (\$437M) (\$91M) ARKW ARK Next Generation Internet ETF ARKG ARK Genomic Revolution ETF (\$63M) Amplify Online Retail ETF (\$57M) IBUY (\$10M) ESPO VanEck Video Gaming and eSports ETF ARK Fintech Innovation ETF (\$8M) ARKF ARKX ARK Space Exploration & Innovation ETF (\$7M) QCLN First Trust Nasdaq Clean Edge Green Energy Index Fund (\$7M) GENY Principal Millennials Index ETF (\$6M) EDOC Global X Telemedicine & Digital Health ETF (\$6M)

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

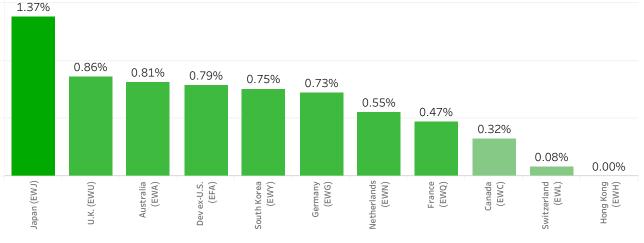


Developed Markets ex-U.S. Performance

September 13, 2021

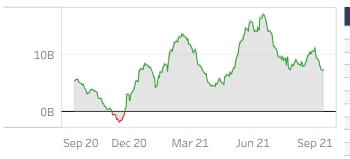
Developed ex-U.S. (EFA)





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

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



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

Ticker	Fund	
EWP	iShares MSCI Spain ETF	1.89%
DFJ	WisdomTree Japan SmallCap Dividend Fund	1.68%
SCJ	iShares MSCI Japan Small-Cap ETF	1.61%
HEWJ	iShares Currency Hedged MSCI Japan ETF	1.61%
DXJ	WisdomTree Japan Hedged Equity Fund	1.61%
EWO	iShares MSCI Austria ETF	1.59%
IVLU	iShares MSCI Intl Value Factor ETF	1.57%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	1.52%
BBJP	JPMorgan BetaBuilders Japan ETF	1.40%
EWI	iShares MSCI Italy ETF	1.39%

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	
PIZ	Invesco DWA Developed Markets Momentum ETF	-0.78%
FSZ	First Trust Switzerland AlphaDEX Fund	-0.44%
AIA	iShares Asia 50 ETF	-0.29%
ISRA	VanEck Israel ETF	-0.20%
EWS	iShares MSCI Singapore ETF	-0.17%
DFE	WisdomTree Europe SmallCap Dividend Fund	-0.09%
IEUS	iShares MSCI Europe Small-Cap ETF	0.00%
EWH	iShares MSCI Hong Kong ETF	0.00%
EWUS	iShares MSCI United Kingdom Small Cap ETF	0.00%
IMOM	Alpha Architect International Quantitative Momentum ETF	0.04%

Developed ex-U.S. Most Overbought

	Ticker	Fund	
6	SCJ	iShares MSCI Japan Small-Cap ETF	82.80
6	DFJ	WisdomTree Japan SmallCap Dividend Fund	81.89
6	JPXN	iShares JPX-Nikkei 400 ETF	80.71
6	HEWJ	iShares Currency Hedged MSCI Japan ETF	80.20
6	DBJP	Xtrackers MSCI Japan Hedged Equity ETF	79.74
6	BBJP	JPMorgan BetaBuilders Japan ETF	78.66
6	FLJP	Franklin FTSE Japan ETF	78.66
6	DXJ	WisdomTree Japan Hedged Equity Fund	78.44
6	EWJ	iShares MSCI Japan ETF	78.33
6	IPAC	iShares Core MSCI Pacific ETF	74.51

Developed ex-U.S. Most Oversold

	Ticker	Fund	
	TICKEI	runu	
6	EWL	iShares MSCI Switzerland ETF	34.13
6	FLKR	Franklin FTSE South Korea ETF	40.55
6	EWY	iShares MSCI South Korea ETF	41.34
6	EUDG	WisdomTree Europe Quality Dividend Growth Fund	44.02
6	FDD	First Trust Stoxx European Select Dividend Index Fu	44.12
6	FSZ	First Trust Switzerland AlphaDEX Fund	44.51
6	HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	44.54
6	LVHI	Legg Mason International Low Volatility High Divide	45.59
6	EDEN	iShares MSCI Denmark ETF	45.63
6	EWD	iShares MSCI Sweden ETF	46.26

* 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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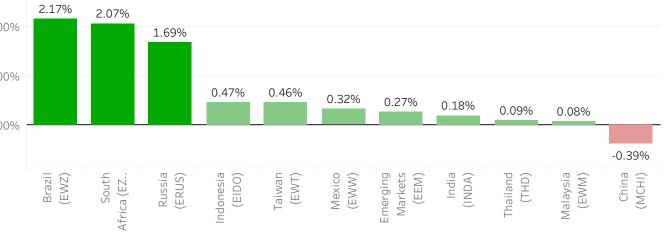


Emerging Markets Performance

September 13, 2021

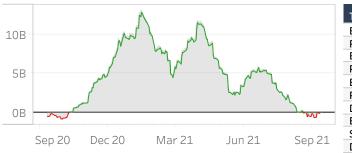
Emerging (EEM)





Emerging 1-Day Performance Top 10 Countries

Emerging 30-Day Rolling Flows



Emerging Monthly Flows

Feb 21

Mar 21 Apr 21

Jan 21

May 21 Jun 21 Jul 21 Aug 21 Sep 21

10B

5B

0B

Sep 20

0ct 20

Nov 20 Dec 20 Emerging 1-Day Performance Leaders

Ticker	Fund	
EWZS	iShares MSCI Brazil Small-Cap ETF	3.80%
FLBR	Franklin FTSE Brazil ETF	2.51%
EWZ	iShares MSCI Brazil ETF	2.17%
RSX	VanEck Russia ETF	2.15%
EZA	iShares MSCI South Africa ETF	2.07%
FEM	First Trust Emerging Markets AlphaDEX Fund	1.87%
DVYE	iShares Emerging Markets Dividend ETF	1.71%
ERUS	iShares MSCI Russia ETF	1.69%
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	1.65%
DEM	WisdomTree Emerging Markets High Dividend Fund	1.37%

Emerging 1-Day Performance Laggards

Ticker	Fund	_
PGJ	Invesco Golden Dragon China ETF	-1.029
ECH	iShares MSCI Chile ETF	-0.90
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-0.80
EPU	iShares MSCI Peru ETF	-0.779
FNI	First Trust Chindia ETF	-0.619
ECNS	iShares MSCI China Small-Cap ETF	-0.489
ADRE	Invesco BLDRS Emerging Markets 50 ADR Index Fund	-0.46
BICK	First Trust BICK Index Fund	-0.449
MCHI	iShares MSCI China ETF	-0.399
FLCH	Franklin FTSE China ETF	-0.379

Emerging Most Overbought

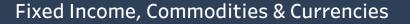
	Ticker	Fund	
)	INDA	iShares MSCI India ETF	73.68
5	PIN	Invesco India ETF	71.79
)	EPHE	iShares MSCI Philippines ETF	71.71
5	EPI	WisdomTree India Earnings Fund	70.59
)	DVYE	iShares Emerging Markets Dividend ETF	70.30
5	EELV	Invesco S&P Emerging Markets Low Volatility ETF	70.30
)	INDY	iShares India 50 ETF	70.26
5	SMIN	iShares MSCI India Small Cap ETF	70.23
)	FEM	First Trust Emerging Markets AlphaDEX Fund	70.19
)	GLIN	VanEck India Growth Leaders ETF	69.05

Emerging Most Oversold

Ticker	Fund	
ILF	iShares Latin America 40 ETF	43.07
BICK	First Trust BICK Index Fund	43.28
EWZ	iShares MSCI Brazil ETF	44.80
FLBR	Franklin FTSE Brazil ETF	45.01
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	45.79
TUR	iShares MSCI Turkey ETF	45.99
ECH	iShares MSCI Chile ETF	46.89
PGJ	Invesco Golden Dragon China ETF	47.68
FNI	First Trust Chindia ETF	48.35
AFK	VanEck Africa Index ETF	48.58
	ILF BICK EWZ FLBR CXSE TUR ECH PGJ FNI	ILF iShares Latin America 40 ETF BICK First Trust BICK Index Fund EWZ iShares MSCI Brazil ETF FLBR Franklin FTSE Brazil ETF CXSE WisdomTree China ex-State-Owned Enterprises Fund TUR iShares MSCI Turkey ETF ECH iShares MSCI Chile ETF PGJ Invesco Golden Dragon China ETF FNI First Trust Chindia ETF

* 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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September 13, 2021









Currencies Performance

Fixed Income Performance

Commodities Performance

Ticker Name 1 Month YTD Ticker Name 1 Day 1 Month YTD Ticker Name 1 Month YTD 1 Day 1 Day 0.71% 3.29% 29.00% DJP Broad Commodities -0.65% 0.13% 0.19% AGG U.S. Aggregate 1.15% 4.86% 47.62% 0.00% 0.04% 2.60% DBE Energy UUP Long Dollar 1.39% 4.32% 49.89% US0 WTI Crude Oil SHY 1-3 Year Treasury Bonds 0.02% 0.05% -0.02% 1.21% 5.60% 49.38% BNO Brent Crude Oil IEF 7-10 Year Treasury Bonds 0.12% -0.17% -1.98% UNG Natural Gas 4.32% 34.07% 96.74% -0.10% -0.19% -3.58% UDN Short Dollar 0.84% 2.29% 52.45% UGA Gasoline 0.61% 0.63% TLT 20+ Year Treasury Bonds -4.36% -7.92% DBP Precious Metals 0.21% 0.66% 0.33% 0.81% -5.95% GLD Gold -0.02% -0.01% -4.03% FXE Euro 4.37% TIP **TIPS Bonds** 0.00% 0.57% 0.09% -10.50% 0.00% SLV Silver -6.44% PPLT Platinum 0.42% -10.82% 0.02% 0.07% 0.44% FLOT Floating Rate Bonds PALL Palladium -2.05% -21.05% -15.30% FXB British Pound Sterling 0.01% -0.27% 0.89% 0.24% 0.56% -0.32% DBB Base Metals -0.93% 3.78% 23.99% LQD Investment Grade Corporate CPER Copper -1.51% -0.45% 22.81% HYG High Yield Corporate 0.25% 0.99% 3.61% LD -0.65% -1.99% 15.07% Lead -0.47% -0.93% -4.88% FXF Swiss Franc -1.74% 1.52% 18.27% JJN Nickel -0.05% 1.65% 0.88% BKLN Senior Loan JJU -0.64% 10.87% 43.31% Aluminum JJT Tin -0.26% -4.90% 84.85% -0.15% 0.05% 5.21% PFF Preferred & Income Securities -0.14% -0.48% -6.58% FXY Japanese Yen -0.27% -4.09% 14.87% DBA Agriculture -0.62% -8.38% 24.20% CORN Corn 0.05% -0.11% 0.99% MUB Municipal Bonds 0.13% -3.95% 15.05% SOYB Soybeans Canadian Dollar 0.14% -1.16% 0.19% 0.03% 0.13% -0.38% 0.15% -9.68% 8.56% FXC MBS WEAT Wheat MBB 1.07% -0.53% 40.00% CANE Sugar 0.02% 0.13% 0.96% EMB Dollar Denominated EM Bonds -0.44% BAL -1.84% 13.76% Cotton 0.65% 1.11% -0.45% FXA Australian Dollar 0.19% -0.26% -4.79% NIB Cocoa 0.16% 0.65% -3.91% LEMB Local Currency EM Bond JO -0.33% 0.47% 37.45% Coffee

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Contact us at:

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