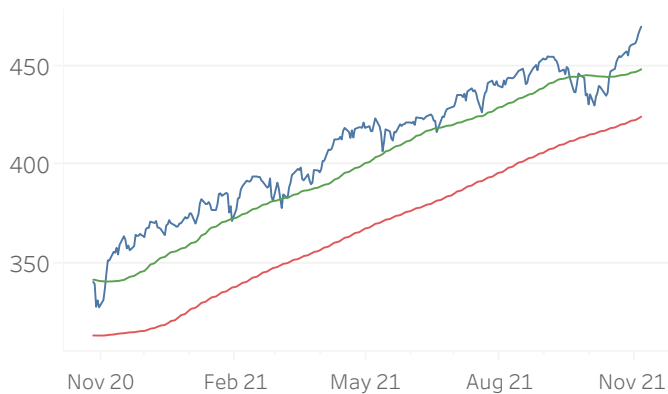


Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

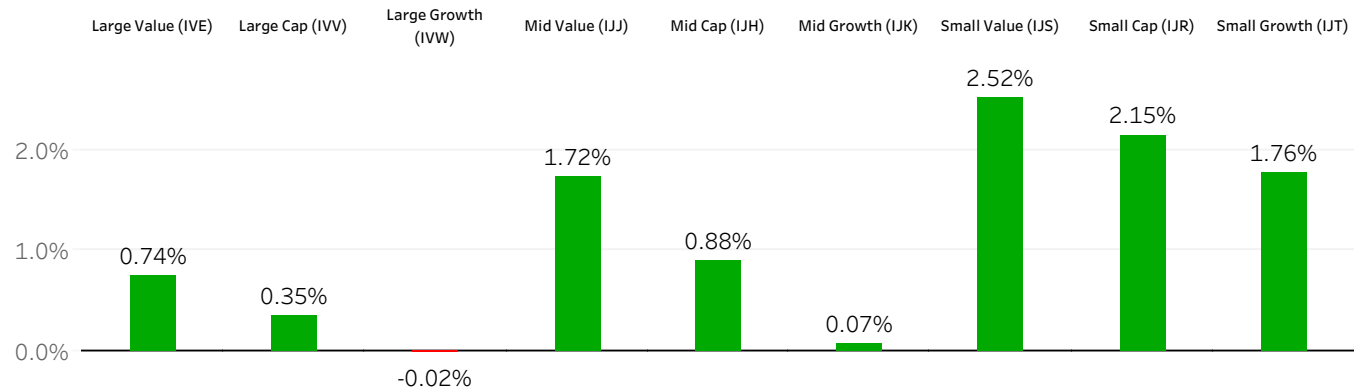


Small Cap Blend (S&P 600) IJR



■ Closing Price
 ■ 50 Day Moving Average
 ■ 200 Day Moving Average

U.S. Size & Style 1-Day Performance



Size & Style 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
RZV	Invesco S&P Smallcap 600 Pure Value ETF	2.63%
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	2.57%
CSB	VictoryShares US Small Cap High Dividend Volatility Wt..	2.53%
IJS	iShares S&P Small-Cap 600 Value ETF	2.52%
RWJ	Invesco S&P SmallCap 600 Revenue ETF	2.50%
VIOV	Vanguard S&P Small-Cap 600 Value ETF	2.47%
SLYV	SPDR S&P 600 Small Cap Value ETF	2.44%
DEEP	Roundhill Acquirers Deep Value ETF	2.28%
TPSC	Timothy Plan US Small Cap Core ETF	2.25%
QVMS	Invesco S&P SmallCap 600 QVM Multi-factor ETF	2.24%

Size & Style Most Overbought

Ticker	Fund	Value
USSG	Xtrackers MSCI USA ESG Leaders Equity ETF	82.86
DSI	iShares MSCI KLD 400 Social ETF	82.79
SUSL	iShares ESG MSCI USA Leaders ETF	82.74
SPUS	SP Funds S&P 500 Sharia Industry Exclusions ETF	81.53
NULG	Nuveen ESG Large-Cap Growth ETF	81.43
EFIV	SPDR S&P 500 ESG ETF	80.95
PALC	Pacer Lunt Large Cap Multi-Factor Alternator ETF	79.96
SNPE	Xtrackers S&P 500 ESG ETF	79.90
MMTM	SPDR S&P 1500 Momentum Tilt ETF	79.72
IUSG	iShares Core S&P U.S. Growth ETF	79.68

Size & Style 1-Day Performance Laggards

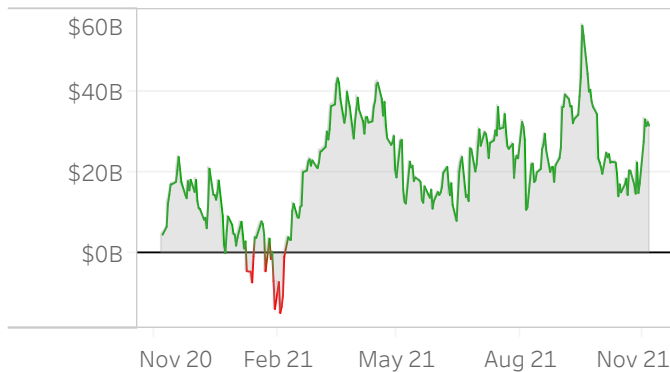
Ticker	Fund	1-Day Performance
IPO	Renaissance IPO ETF	-1.81%
BUZZ	VanEck Social Sentiment ETF	-1.18%
JSML	Janus Henderson Small Cap Growth Alpha ETF	-0.80%
JSMD	Janus Henderson Small/Mid Cap Growth Alpha ETF	-0.65%
MXDU	Nationwide Maximum Diversification US Core Equity ETF	-0.62%
RPG	Invesco S&P 500 Pure Growth ETF	-0.51%
USMV	iShares MSCI USA Min Vol Factor ETF	-0.50%
RFG	Invesco S&P Midcap 400 Pure Growth ETF	-0.47%
LEAD	Siren DIVCON Leaders Dividend ETF	-0.44%
NUMG	Nuveen ESG Mid-Cap Growth ETF	-0.39%

Size & Style Most Oversold

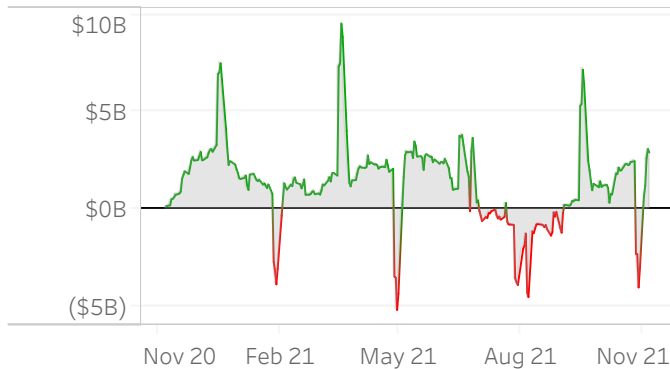
Ticker	Fund	Value
CSD	Invesco S&P Spin-Off ETF	48.43
IPO	Renaissance IPO ETF	48.56
WBIY	WBI Power Factor High Dividend ETF	54.73
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	55.14
DUSA	Davis Select U.S. Equity ETF	55.87
GURU	Global X Guru Index ETF	56.03
WBI	WBI BullBear Value 3000 ETF	56.69
RDIV	Invesco S&P Ultra Dividend Revenue ETF	56.88
SDOG	ALPS Sector Dividend Dogs ETF	57.05
PEY	Invesco High Yield Equity Dividend Achievers ETF	57.14

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

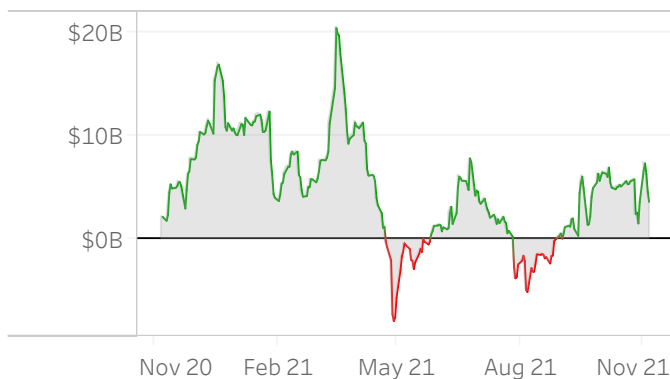
Large-Cap 30-Day Rolling Flows



Mid-Cap 30-Day Rolling Flows



Small-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	24	\$1,368B	\$1.02B	\$53.37B	\$79.55B	\$110.11B
Small Cap, Beta, Beta	12	\$234B	\$1.01B	\$7.48B	\$8.52B	\$27.22B
Mid Cap, Beta, Beta	10	\$198B	\$0.73B	\$3.02B	\$2.82B	\$9.90B
Mid Cap, Beta, Beta: Growth	6	\$43B	\$0.37B	\$0.48B	(\$0.07B)	(\$2.14B)
Large Cap, Beta Growth, Beta: Growth	10	\$278B	\$0.30B	\$3.48B	\$9.87B	\$5.70B
Large Cap, Beta Growth, Beta: Value	11	\$210B	\$0.24B	\$5.89B	\$11.23B	\$34.32B
Small Cap, Beta, Beta: Value	7	\$60B	\$0.17B	\$0.77B	\$0.32B	\$8.95B
Mid Cap, Beta, Beta: Value	6	\$43B	(\$0.09B)	\$0.64B	\$0.98B	\$4.75B
Small Cap, Beta, Beta: Growth	7	\$41B	(\$0.11B)	(\$0.02B)	(\$0.05B)	\$1.01B

U.S. Size & Style Flow Leaders

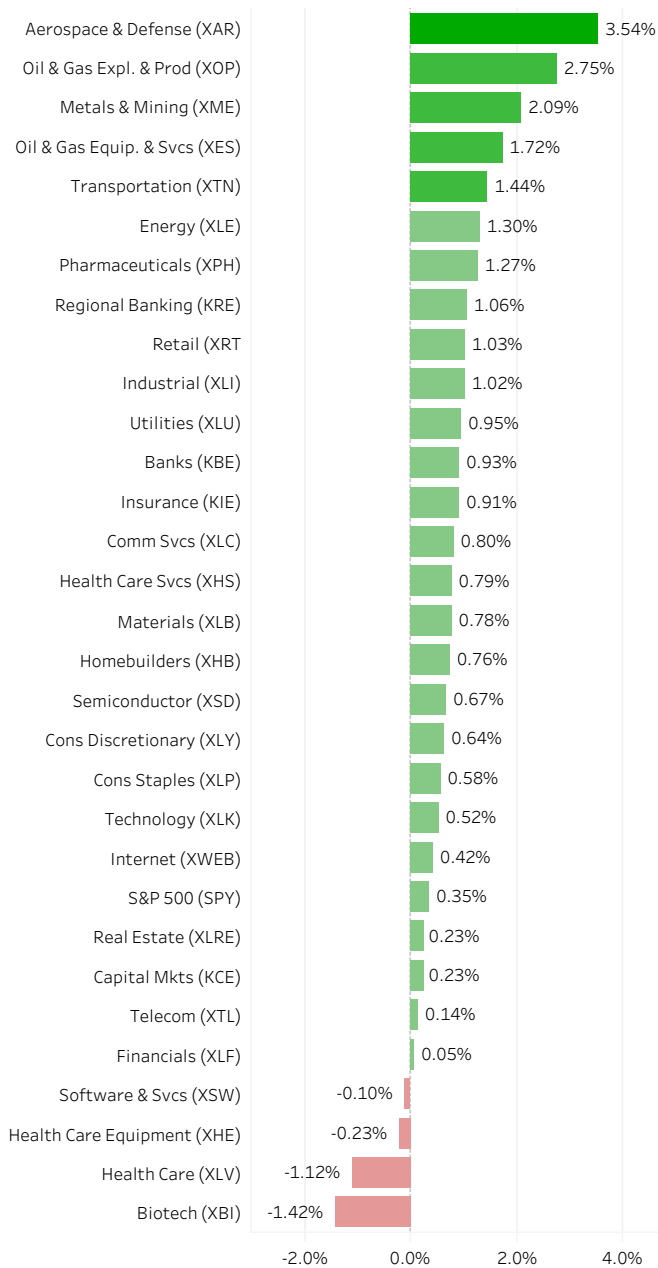
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVV	iShares Core S&P 500 ETF	\$1.18B	\$8.79B	\$10.75B	\$20.16B	\$322.78B
VTI	Vanguard Total Stock Market ETF	\$1.05B	\$11.15B	\$20.71B	\$45.33B	\$289.55B
VOO	Vanguard S&P 500 ETF	\$0.97B	\$12.43B	\$24.95B	\$42.50B	\$273.78B
MDY	SPDR S&P Midcap 400 ETF Trust	\$0.51B	(\$0.25B)	(\$0.72B)	\$0.11B	\$22.25B
IWM	iShares Russell 2000 ETF	\$0.38B	\$3.11B	\$2.30B	\$7.76B	\$74.16B
MDYG	SPDR S&P 400 Mid Cap Growth ETF	\$0.34B	\$0.32B	\$0.36B	(\$0.20B)	\$2.14B
IJR	iShares Core S&P Small Cap ETF	\$0.33B	\$1.83B	\$1.03B	\$5.42B	\$74.93B
SPY	SPDR S&P 500 ETF Trust	\$0.26B	\$21.66B	\$20.32B	\$21.17B	\$426.50B
MTUM	iShares MSCI USA Momentum Factor ETF	\$0.25B	\$1.43B	\$0.93B	\$1.46B	\$17.47B
ESGU	iShares ESG Aware MSCI USA ETF	\$0.22B	\$1.83B	\$4.81B	\$7.98B	\$24.23B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	(\$0.98B)	\$6.52B	\$15.56B	\$12.73B	\$206.73B
IWB	iShares Russell 1000 ETF	(\$0.83B)	(\$0.87B)	(\$0.32B)	(\$0.52B)	\$31.58B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.40B)	(\$1.60B)	(\$1.64B)	(\$0.61B)	\$29.89B
FNDX	Schwab Fundamental US Large Co. Index ETF	(\$0.32B)	\$0.39B	\$0.69B	\$1.13B	\$7.97B
PKW	Invesco Buyback Achievers ETF	(\$0.31B)	\$0.26B	(\$0.45B)	\$0.40B	\$1.55B
VBK	Vanguard Small-Cap Growth ETF	(\$0.13B)	\$0.24B	\$0.42B	\$1.21B	\$17.25B
IJJ	iShares S&P Mid-Cap 400 Value ETF	(\$0.12B)	\$0.24B	\$0.16B	\$2.00B	\$9.36B
BBMC	JPMorgan BetaBuilders U.S. Mid Cap Equity E..	(\$0.08B)	(\$0.09B)	(\$0.13B)	\$0.12B	\$1.66B
SPYV	SPDR Portfolio S&P 500 Value ETF	(\$0.07B)	\$0.71B	\$0.90B	\$4.72B	\$13.23B
ALTL	Pacer Lunt Large Cap Alternator ETF	(\$0.06B)	\$0.07B	\$0.13B	\$0.14B	\$0.22B

* 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)
SPY	SPDR S&P 500 ETF Trust	0.00%	31.86%	4.90%	10.73%	76.53
XLI	Industrial Select Sector SPDR Fund	0.00%	25.50%	4.02%	5.80%	68.16
XLK	Technology Select Sector SPDR Fund	0.00%	39.14%	6.67%	14.91%	77.77
XLP	Consumer Staples Select Sector SPDR Fund	0.00%	15.32%	2.70%	4.89%	71.44
XLY	Consumer Discretionary Select Sector SPDR Fund	0.00%	37.46%	12.39%	19.14%	84.24
XLB	Materials Select Sector SPDR Fund	-0.97%	25.89%	5.30%	7.07%	70.75
XLRE	Real Estate Select Sector SPDR Fund	-1.05%	37.54%	3.00%	10.72%	61.50
XLF	Financial Select Sector SPDR Fund	-1.48%	47.24%	3.34%	9.81%	55.74
XLE	Energy Select Sector SPDR Fund	-1.49%	62.69%	9.21%	14.21%	61.32
XLV	Health Care Select Sector SPDR Fund	-2.92%	22.52%	1.17%	6.28%	55.88
XLU	Utilities Select Sector SPDR Fund	-4.07%	15.18%	0.94%	3.08%	56.36
XLC	Communication Services Select Sector SPDR Fund	-5.06%	27.90%	-0.38%	3.70%	55.74

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PEJ	Invesco Dynamic Leisure & Entertainment ETF	3.88%
PSCE	Invesco S&P SmallCap Energy ETF	3.77%
XAR	SPDR S&P Aerospace & Defense ETF	3.54%
ITA	iShares U.S. Aerospace & Defense ETF	3.52%
PSCI	Invesco S&P SmallCap Industrials ETF	3.41%
PXI	Invesco DWA Energy Momentum ETF	3.02%
AIRR	First Trust RBA American Industrial Renaissance E..	2.94%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	2.75%
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	2.57%
FCG	First Trust Natural Gas ETF	2.54%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
XLY	Consumer Discretionary Select Sector SPDR Fund	84.24
XSD	SPDR S&P Semiconductor ETF	83.23
PSI	Invesco Dynamic Semiconductors ETF	80.90
FDIS	Fidelity MSCI Consumer Discretionary Index ETF	80.71
VCR	Vanguard Consumer Discretionary ETF	80.47
PRN	Invesco DWA Industrials Momentum ETF	80.17
SOXX	iShares Semiconductor ETF	79.79
IYC	iShares U.S. Consumer Discretionary ETF	79.43
JHMT	John Hancock Multifactor Technology ETF	78.79
SOXQ	Invesco PHLX Semiconductor ETF	78.63

Sector & Industry 1 Day Performance Laggards

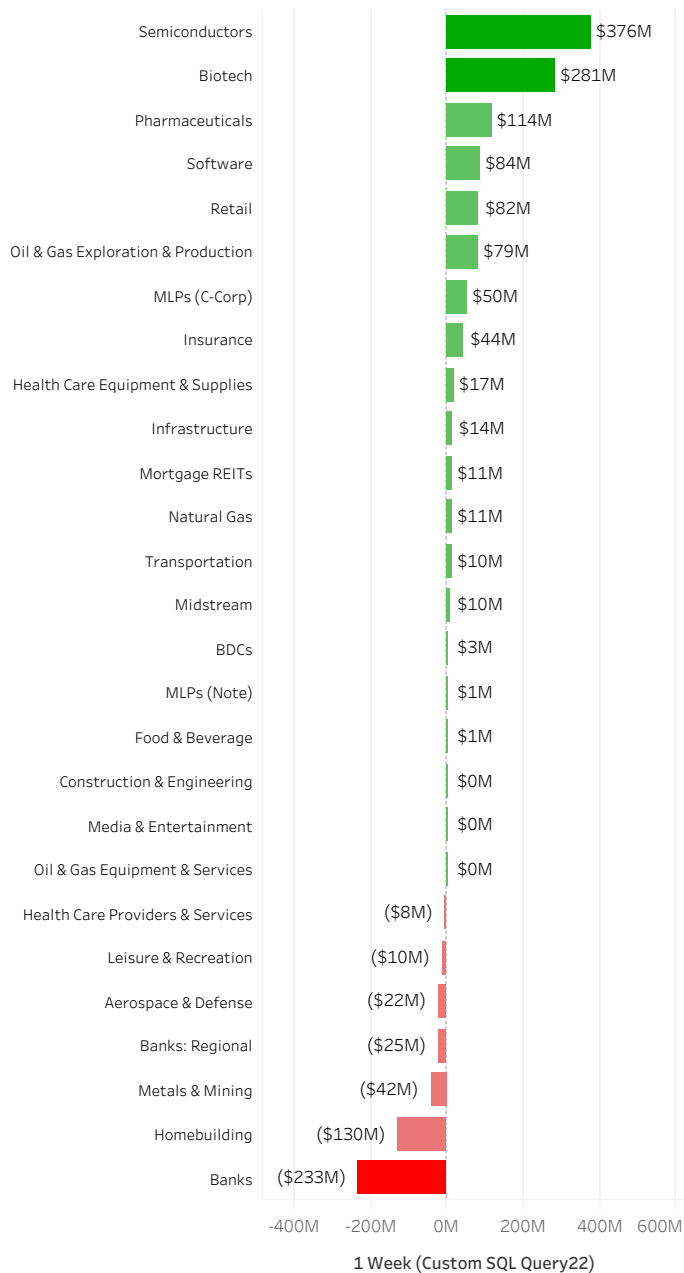
Ticker	Fund	1 Day Performance
IBB	iShares Biotechnology ETF	-3.02%
PBE	Invesco Dynamic Biotechnology & Genome ETF	-2.60%
FBT	First Trust NYSE Arca Biotechnology Index Fund	-2.39%
PJP	Invesco Dynamic Pharmaceuticals ETF	-1.43%
XBI	SPDR S&P BIOTECH ETF	-1.42%
IHI	iShares U.S. Medical Devices ETF	-1.22%
FXH	First Trust Health Care AlphaDEX Fund	-1.19%
XLV	Health Care Select Sector SPDR Fund	-1.12%
IYH	iShares U.S. Healthcare ETF	-1.10%
FHLC	Fidelity MSCI Health Care Index ETF	-0.92%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IBB	iShares Biotechnology ETF	42.23
MLPA	Global X MLP ETF	42.81
PBE	Invesco Dynamic Biotechnology & Genome ETF	44.62
FBT	First Trust NYSE Arca Biotechnology Index Fund	44.94
AMZA	InfraCap MLP ETF	47.39
AMLX	Alerian MLP ETF	48.78
MLPX	Global X MLP & Energy Infrastructure ETF	49.13
FXH	First Trust Health Care AlphaDEX Fund	49.67
IHI	iShares U.S. Medical Devices ETF	52.01
PSJ	Invesco Dynamic Software ETF	52.01

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

U.S. Sector & Industry 1-Week Flows



U.S. Sector Landscape

	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Communication Services	9	\$22B	(\$7M)	\$1,140M	\$1,993M	\$2,459M
Consumer Discretionary	13	\$38B	\$280M	\$594M	(\$664M)	\$3,035M
Consumer Staples	12	\$21B	\$94M	(\$1,427M)	\$1,209M	(\$3,582M)
Energy	34	\$57B	\$568M	\$860M	\$112M	\$11,808M
Financials	28	\$86B	\$266M	\$6,068M	\$1,483M	\$24,644M
Health Care	26	\$92B	\$945M	\$1,010M	\$4,414M	\$3,719M
Industrial	14	\$36B	\$42M	(\$2,064M)	(\$4,360M)	\$2,865M
Materials	10	\$17B	\$429M	(\$839M)	(\$381M)	\$5,167M
Multi-Sector	17	\$26B	(\$138M)	\$839M	\$786M	\$3,746M
Real Estate	22	\$79B	\$316M	\$4,657M	\$7,931M	\$13,445M
Technology	24	\$155B	\$327M	\$3,913M	\$5,512M	\$5,154M
Utilities	10	\$20B	\$225M	(\$623M)	\$339M	\$134M

U.S. Sector & Industry Flow Leaders

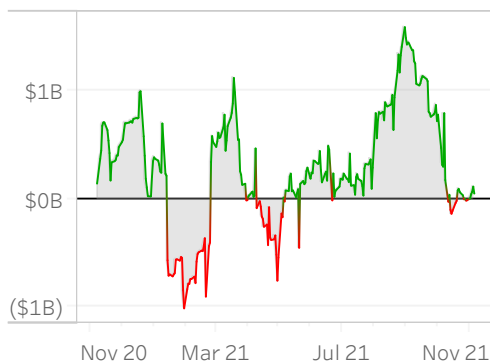
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	\$553M	(\$136M)	\$3,365M	\$2,789M	\$32,854M
XLB	Materials Select Sector SPDR Fund	\$475M	(\$355M)	(\$323M)	\$2,502M	\$8,291M
XBI	SPDR S&P BIOTECH ETF	\$346M	\$537M	\$876M	\$1,129M	\$7,979M
XLE	Energy Select Sector SPDR Fund	\$308M	\$797M	\$382M	\$7,890M	\$27,445M
XLF	Financial Select Sector SPDR Fund	\$298M	\$3,094M	(\$652M)	\$12,662M	\$45,292M
VNQ	Vanguard Real Estate ETF	\$288M	\$1,197M	\$3,217M	\$6,392M	\$46,353M
SOXX	iShares Semiconductor ETF	\$272M	\$517M	\$809M	\$2,196M	\$8,765M
XLU	Utilities Select Sector SPDR Fund	\$207M	(\$788M)	(\$18M)	(\$95M)	\$12,323M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$146M	\$865M	(\$391M)	\$610M	\$23,680M
XPH	SPDR S&P Pharmaceuticals ETF	\$105M	\$102M	\$88M	\$87M	\$353M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
ITB	iShares U.S. Home Construction ETF	(\$201M)	\$49M	(\$310M)	(\$282M)	\$2,624M
KBE	SPDR S&P Bank ETF	(\$153M)	\$44M	(\$841M)	\$303M	\$3,405M
XLK	Technology Select Sector SPDR Fund	(\$109M)	\$251M	\$779M	(\$385M)	\$48,700M
KBWB	Invesco KBW Bank ETF	(\$82M)	\$690M	\$454M	\$1,699M	\$3,482M
IBB	iShares Biotechnology ETF	(\$65M)	(\$333M)	(\$376M)	(\$843M)	\$10,370M
IYW	iShares U.S. Technology ETF	(\$61M)	\$289M	\$638M	\$383M	\$9,443M
BBRE	JPMorgan BetaBuilders MSCI U.S. REIT ETF	(\$50M)	(\$19M)	(\$119M)	\$246M	\$1,468M
RWR	SPDR Dow Jones REIT ETF	(\$49M)	\$13M	\$36M	\$198M	\$2,010M
XME	SPDR S&P Metals & Mining ETF	(\$42M)	(\$95M)	(\$369M)	\$711M	\$1,840M
FXD	First Trust Consumer Discretionary AlphaDEX F..	(\$38M)	(\$58M)	\$53M	\$325M	\$1,994M

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

Communication Services



Consumer Discretionary



Consumer Staples



Energy



Financials



Industrial



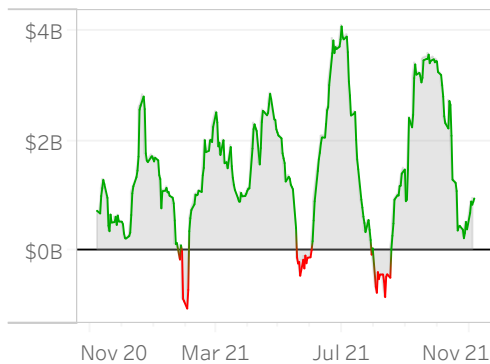
Health Care



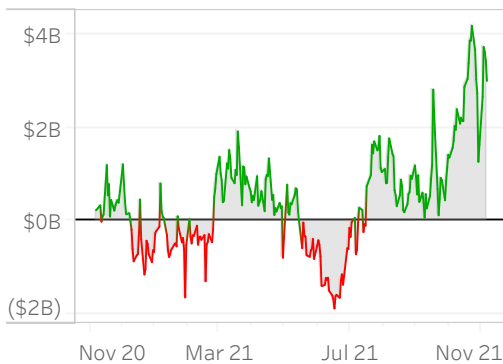
Materials



Real Estate



Technology



Utilities

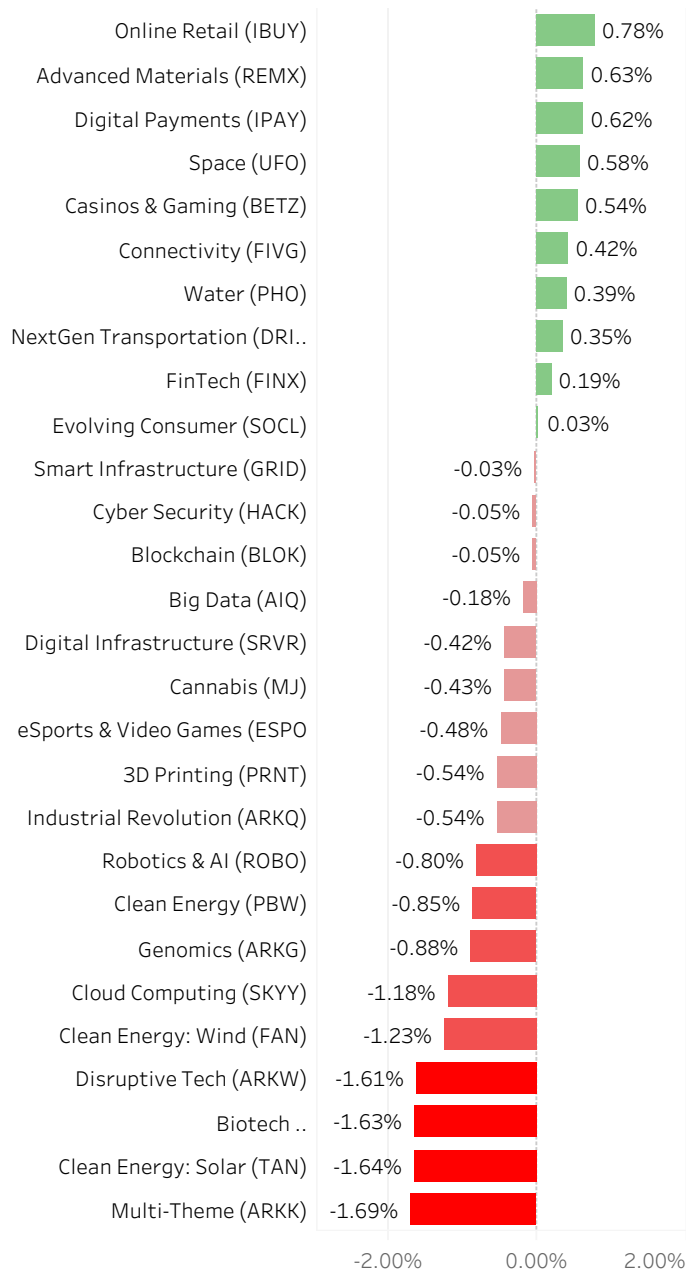


Multi-Sector

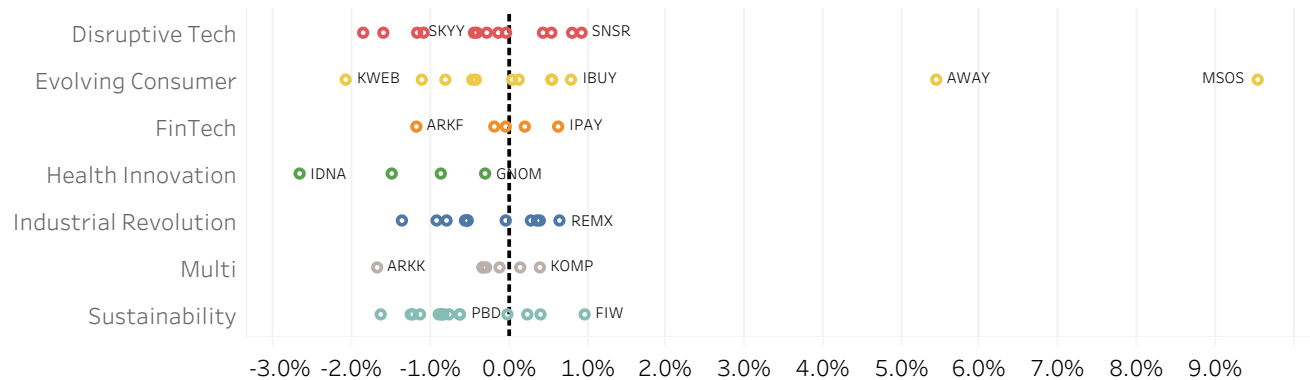


*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
MSOS	AdvisorShares Pure US Cannabis ETF	9.53%
AWAY	ETFMG Travel Tech ETF	5.44%
YOLO	AdvisorShares Pure Cannabis ETF	4.45%
CNBS	Amplify Seymour Cannabis ETF	2.61%
BJK	VanEck Gaming ETF	1.43%
EBIZ	Global X E-Commerce ETF	1.01%
FIW	First Trust Water ETF	0.96%
SNSR	Global X Internet of Things ETF	0.92%
NXTG	First Trust Indxx NextG ETF	0.80%
IBUY	Amplify Online Retail ETF	0.78%

Thematic Most Overbought

Ticker	Fund	Price
IDRV	iShares Self-driving EV & Tech ETF	83.95
DRIV	Global X Autonomous & Electric Vehicles ETF	80.92
QTUM	Defiance Quantum ETF	79.84
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	78.14
FIVG	Defiance Next Gen Connectivity ETF	78.07
SNSR	Global X Internet of Things ETF	77.54
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	75.68
BITQ	Bitwise Crypto Industry Innovators ETF	75.18
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	74.74
BLOK	Amplify Transformational Data Sharing ETF	73.57

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
GERM	ETFMG Treatments Testing and Advancements ETF	-7.76%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-2.95%
IDNA	iShares Genomics Immunology and Healthcare ETF Geno..	-2.68%
POTX	Global X Cannabis ETF	-2.57%
KWEB	KraneShares CSI China Internet ETF	-2.09%
CTEC	Global X CleanTech ETF	-1.99%
HTEC	ROBO Global Healthcare Technology and Innovation ETF	-1.93%
CLOU	Global X Cloud Computing ETF	-1.87%
ARKK	ARK Innovation ETF	-1.69%
TAN	Invesco Solar ETF	-1.64%

Thematic Most Oversold

Ticker	Fund	Price
GERM	ETFMG Treatments Testing and Advancements ETF	29.89
IPAY	ETFMG Prime Mobile Payments ETF	37.66
POTX	Global X Cannabis ETF	39.15
THCX	Cannabis ETF	40.75
KWEB	KraneShares CSI China Internet ETF	40.77
FAN	First Trust Global Wind Energy ETF	41.45
CNBS	Amplify Seymour Cannabis ETF	41.56
BETZ	Roundhill Sports Betting & iGaming ETF	43.19
MJ	ETFMG Alternative Harvest ETF	43.45
EMQQ	Emerging Markets Internet & Ecommerce ETF	43.61

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

Thematic 1 Week Flow Leaders

Ticker	Fund	
TAN	Invesco Solar ETF	\$96M
ICLN	iShares Global Clean Energy ETF	\$84M
META	Roundhill Ball Metaverse ETF	\$79M
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	\$73M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$65M
BUG	Global X Cybersecurity ETF	\$56M
KWEB	KraneShares CSI China Internet ETF	\$52M
BATT	Amplify Lithium & Battery Technology ETF	\$32M
BLOK	Amplify Transformational Data Sharing ETF	\$26M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$26M

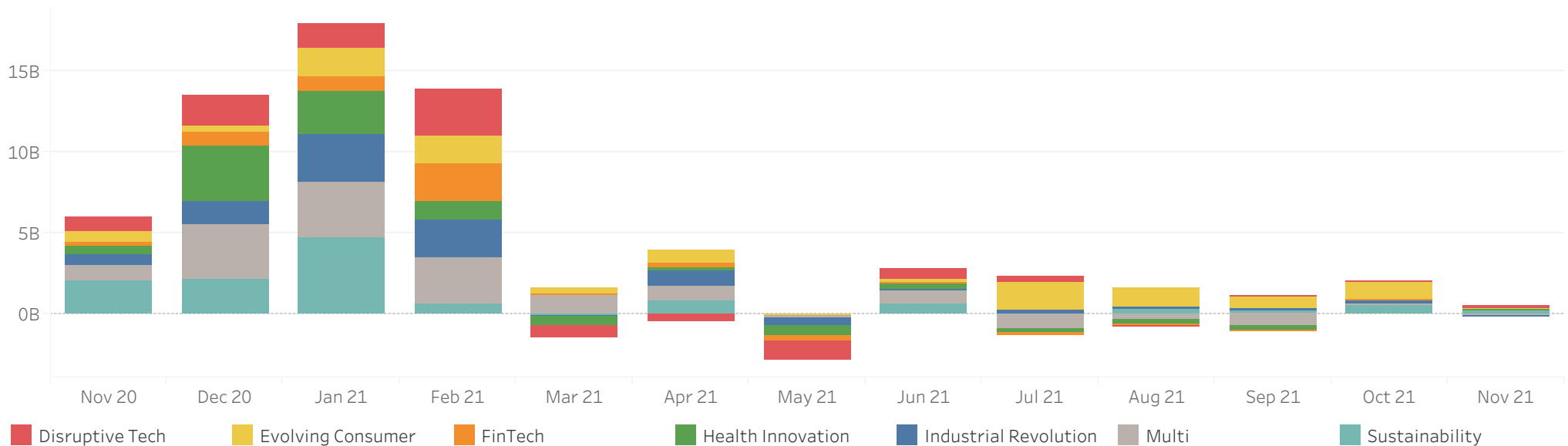
Thematic 1 Week Flow Laggards

Ticker	Fund	
ARKK	ARK Innovation ETF	(\$185M)
LIT	Global X Lithium & Battery Tech ETF	(\$103M)
FIVG	Defiance Next Gen Connectivity ETF	(\$25M)
HERO	Global X Video Games & Esports ETF	(\$12M)
UBOT	Direxion Daily Robotics; Artificial Intelligence & Automation Inde..	(\$10M)
PHO	Invesco Water Resources ETF	(\$10M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$9M)
ARKW	ARK Next Generation Internet ETF	(\$8M)
ARKF	ARK Fintech Innovation ETF	(\$8M)
ARKX	ARK Space Exploration & Innovation ETF	(\$7M)

Thematic Landscape Assets & Flows

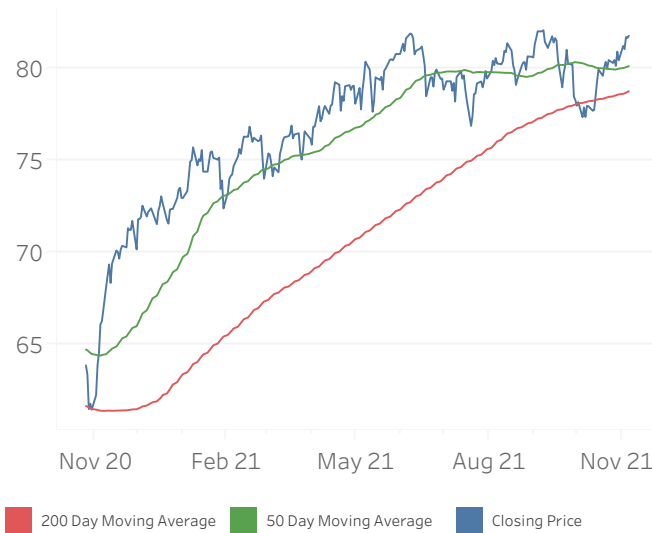
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	36	\$31B	\$124M	\$180M	\$606M	\$6,033M
Evolving Consumer	41	\$18B	\$25M	\$2,981M	\$5,027M	\$10,527M
FinTech	16	\$9B	\$61M	\$10M	(\$356M)	\$4,482M
Health Innovation	15	\$10B	\$25M	(\$485M)	(\$714M)	\$6,426M
Industrial Revolution	24	\$19B	\$200M	\$453M	\$452M	\$8,280M
Multi	28	\$31B	(\$104M)	(\$950M)	(\$724M)	\$11,429M
Sustainability	36	\$26B	\$104M	\$1,273M	\$2,068M	\$12,583M
Grand Total	196	\$143B	\$433M	\$3,464M	\$6,359M	\$59,762M

Thematic Monthly Flows

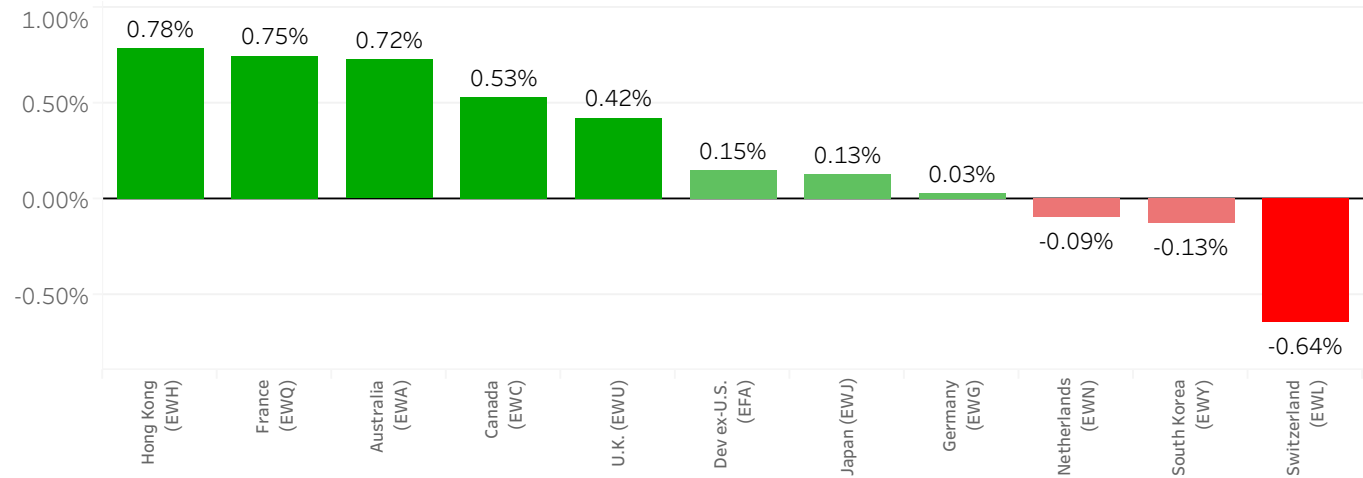


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

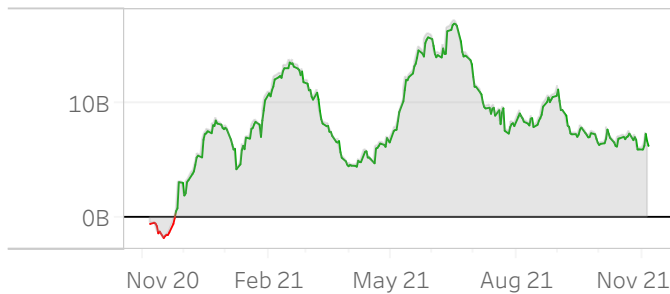
Developed ex-U.S. (EFA)



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



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



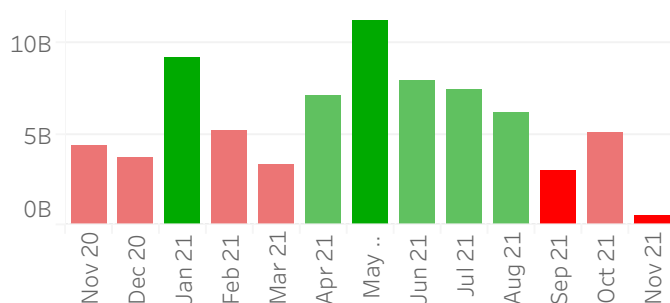
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWO	iShares MSCI Austria ETF	0.99%
EWI	iShares MSCI Italy ETF	0.91%
FEUZ	First Trust Eurozone AlphaDEX ETF	0.90%
EWP	iShares MSCI Spain ETF	0.89%
ENZL	iShares MSCI New Zealand ETF	0.84%
EWH	iShares MSCI Hong Kong ETF	0.78%
EWQ	iShares MSCI France ETF	0.75%
EWA	iShares MSCI Australia ETF	0.72%
FEZ	SPDR EURO STOXX 50 ETF	0.72%
BBAX	JPMorgan BetaBuilders Developed Asia ex-Japan ETF	0.67%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
TOK	iShares MSCI Kokusai ETF	75.36
HEDJ	WisdomTree Europe Hedged Equity Fund	74.87
HEZU	iShares Currency Hedged MSCI Eurozone ETF	74.70
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	74.70
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	73.74
EIS	iShares MSCI Israel ETF	72.05
HEFA	iShares Currency Hedged MSCI EAFE ETF	71.48
DBEF	Xtrackers MSCI EAFE Hedged Equity ETF	70.72
EWQ	iShares MSCI France ETF	70.25
IDHQ	Invesco S&P International Developed High Quality ETF	69.53

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
EDEN	iShares MSCI Denmark ETF	-1.75%
FSZ	First Trust Switzerland AlphaDEX Fund	-1.32%
AIA	iShares Asia 50 ETF	-0.77%
PIZ	Invesco DWA Developed Markets Momentum ETF	-0.65%
EIRL	iShares MSCI Ireland ETF	-0.65%
EWL	iShares MSCI Switzerland ETF	-0.64%
FGM	First Trust Germany AlphaDEX Fund	-0.64%
EIS	iShares MSCI Israel ETF	-0.59%
IVAL	Alpha Architect International Quantitative Value ETF	-0.53%
ISRA	VanEck Israel ETF	-0.46%

Developed ex-U.S. Most Oversold

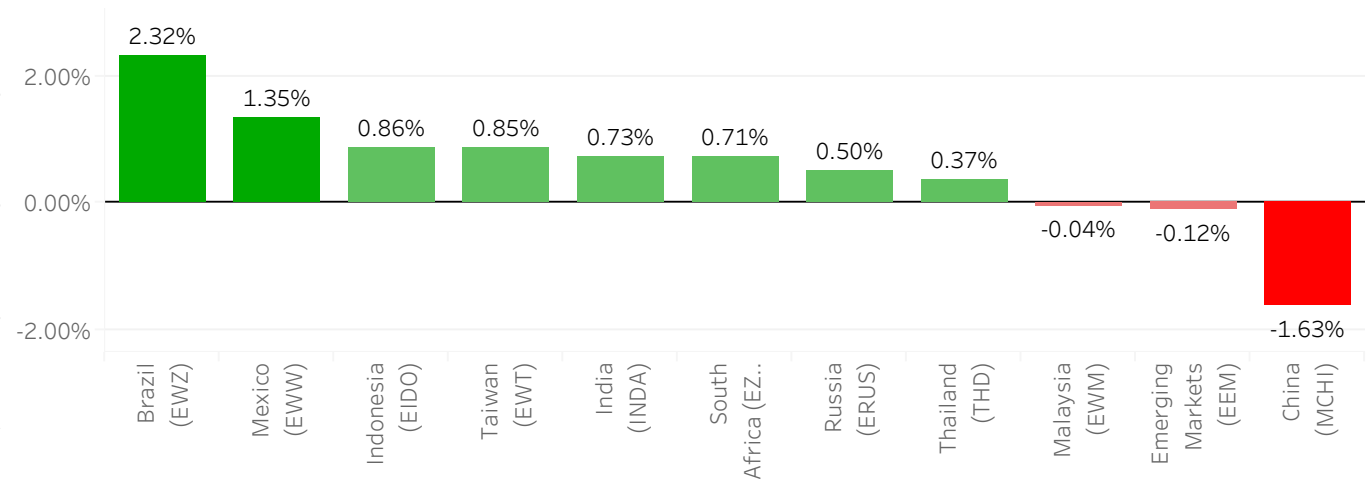
Ticker	Fund	Price
EIRL	iShares MSCI Ireland ETF	42.83
EWY	iShares MSCI South Korea ETF	44.79
AAXJ	iShares MSCI All Country Asia ex Japan ETF	44.81
AIA	iShares Asia 50 ETF	44.93
FLKR	Franklin FTSE South Korea ETF	46.08
EWUS	iShares MSCI United Kingdom Small Cap ETF	47.42
FKU	First Trust United Kingdom AlphaDEX Fund	47.58
IDV	iShares International Select Dividend ETF	47.80
IVAL	Alpha Architect International Quantitative Value ETF	47.88
GREK	Global X MSCI Greece ETF	48.30

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

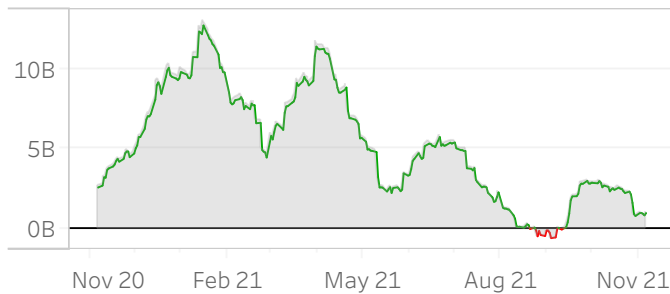
Emerging (EEM)



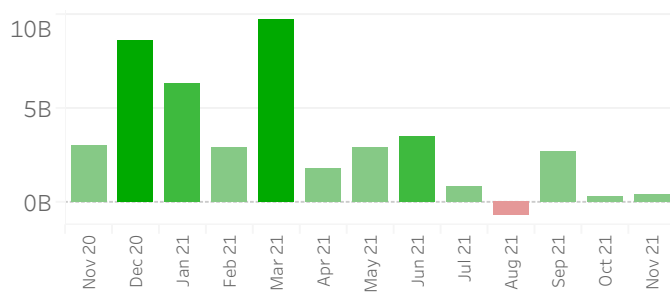
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWZS	iShares MSCI Brazil Small-Cap ETF	5.15%
EPHE	iShares MSCI Philippines ETF	3.25%
FLBR	Franklin FTSE Brazil ETF	3.07%
EWZ	iShares MSCI Brazil ETF	2.32%
ILF	iShares Latin America 40 ETF	1.36%
EWW	iShares MSCI Mexico ETF	1.35%
GLIN	VanEck India Growth Leaders ETF	1.21%
PIE	Invesco DWA Emerging Markets Momentum ETF	1.04%
EPU	iShares MSCI Peru ETF	1.03%
SMIN	iShares MSCI India Small Cap ETF	0.89%

Emerging Most Overbought

Ticker	Fund	Price
FM	iShares MSCI Frontier and Select EM ETF	70.10
EPHE	iShares MSCI Philippines ETF	69.81
VNM	VanEck Vietnam ETF	67.82
QAT	iShares MSCI Qatar ETF	67.63
TUR	iShares MSCI Turkey ETF	61.67
ECH	iShares MSCI Chile ETF	60.79
EWT	iShares MSCI Taiwan ETF	59.95
PIE	Invesco DWA Emerging Markets Momentum ETF	58.96
EPOL	iShares MSCI Poland ETF	58.81
SMIN	iShares MSCI India Small Cap ETF	58.25

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
ECNS	iShares MSCI China Small-Cap ETF	-2.12%
PGJ	Invesco Golden Dragon China ETF	-1.86%
FXI	iShares China Large-Cap ETF	-1.75%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-1.65%
MCHI	iShares MSCI China ETF	-1.63%
GXC	SPDR S&P China ETF	-1.60%
FLCH	Franklin FTSE China ETF	-1.40%
ECH	iShares MSCI Chile ETF	-1.31%
ADRE	Invesco BLDERS Emerging Markets 50 ADR Index Fund	-1.08%
FNI	First Trust Chindia ETF	-0.85%

Emerging Most Oversold

Ticker	Fund	Price
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	32.53
DEM	WisdomTree Emerging Markets High Dividend Fund	35.34
FEM	First Trust Emerging Markets AlphaDEX Fund	37.66
EWM	iShares MSCI Malaysia ETF	37.71
GXC	SPDR S&P China ETF	39.89
FEMS	First Trust Emerging Markets Small Cap AlphaDEX F..	40.34
MCHI	iShares MSCI China ETF	40.56
ILF	iShares Latin America 40 ETF	40.57
FLCH	Franklin FTSE China ETF	40.73
FXI	iShares China Large-Cap ETF	41.17

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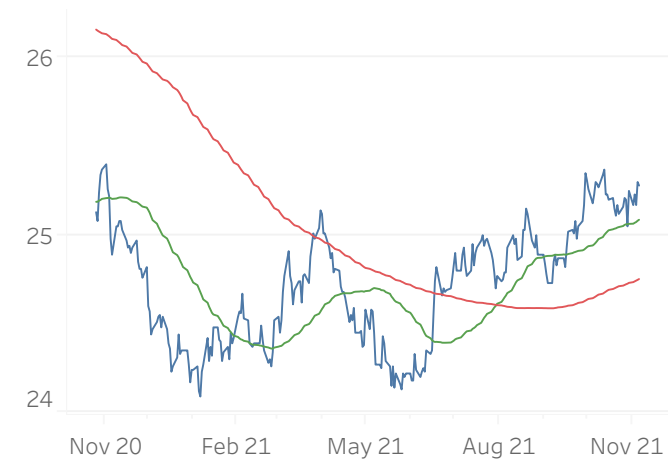
Fixed Income (AGG)



Commodities (DJP)



Currencies (UUP)



200 Day Moving Average 50 Day Moving Average Closing Price

Fixed Income Performance

Ticker	Name	1 Day	1 Month	YTD
AGG	U.S. Aggregate	0.39%	0.65%	-1.03%
SHY	1-3 Year Treasury Bonds	0.05%	-0.15%	-0.27%
IEF	7-10 Year Treasury Bonds	0.55%	0.59%	-2.89%
TLT	20+ Year Treasury Bonds	1.50%	4.12%	-4.11%
TIP	TIPS Bonds	0.35%	1.46%	5.26%
FLOT	Floating Rate Bonds	-0.02%	-0.03%	0.46%
LQD	Investment Grade Corporate	0.73%	1.60%	-0.50%
HYG	High Yield Corporate	0.38%	0.83%	3.63%
BKLN	Senior Loan	0.14%	0.39%	2.07%
PFF	Preferred & Income Securities	0.03%	3.09%	6.39%
MUB	Municipal Bonds	0.23%	0.38%	0.72%
MBB	MBS	0.22%	-0.01%	-0.79%
EMB	Dollar Denominated EM Bonds	0.75%	1.79%	-1.32%
LEMB	Local Currency EM Bond	0.48%	-0.59%	-7.09%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.64%	-0.99%	36.99%
DBE	Energy	2.03%	0.00%	66.60%
USO	WTI Crude Oil	2.97%	1.65%	71.31%
BNO	Brent Crude Oil	2.57%	0.55%	70.65%
UNG	Natural Gas	-1.42%	-13.87%	103.91%
UGA	Gasoline	0.95%	0.63%	71.12%
DBP	Precious Metals	1.38%	3.96%	-6.68%
GLD	Gold	1.31%	3.19%	-4.78%
SLV	Silver	1.59%	6.84%	-9.04%
PPLT	Platinum	0.94%	7.72%	-3.87%
PALL	Palladium	1.55%	6.61%	-17.47%
DBB	Base Metals	0.29%	-2.08%	19.87%
CPER	Copper	0.76%	3.87%	22.26%
LD	Lead	-0.04%	10.61%	20.44%
JJN	Nickel	1.14%	7.04%	15.33%
JJU	Aluminum	-0.02%	-12.50%	26.71%
JJT	Tin	0.50%	6.82%	109.54%
DBA	Agriculture	-0.52%	0.16%	19.39%
CORN	Corn	-0.95%	2.51%	33.63%
SOYB	Soybeans	-1.54%	-4.41%	8.06%
WEAT	Wheat	-0.26%	3.86%	21.65%
CANE	Sugar	1.26%	2.01%	43.11%
BAL	Cotton	0.37%	5.15%	43.23%
NIB	Cocoa	-1.66%	-14.70%	-10.48%
JO	Coffee	-2.09%	6.31%	50.49%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.08%	0.20%	4.29%
UDN	Short Dollar	0.15%	-0.39%	-5.33%
FXE	Euro	0.08%	-0.38%	-6.14%
FXB	British Pound Sterling	-0.10%	-0.99%	-1.69%
FXF	Swiss Franc	0.01%	1.62%	-3.94%
FXJ	Japanese Yen	0.33%	-1.64%	-9.36%
FXC	Canadian Dollar	0.11%	1.08%	1.94%
FXA	Australian Dollar	-0.03%	1.51%	-4.34%

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

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