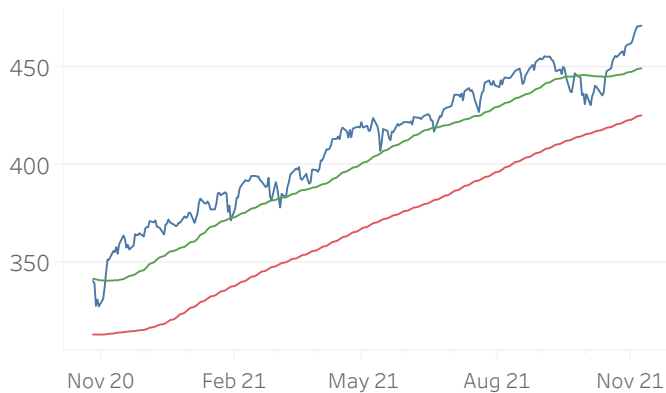


Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

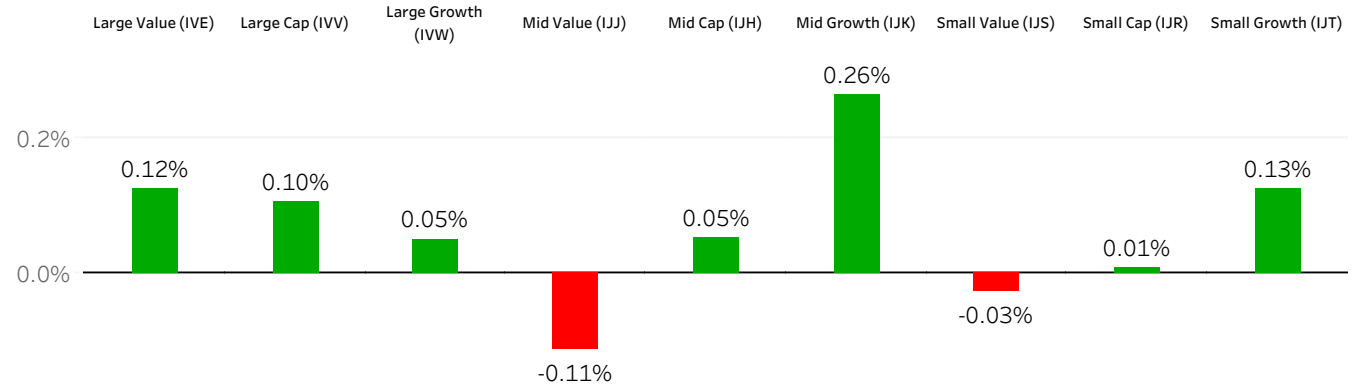


Small Cap Blend (S&P 600) IJR



■ 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
BUZZ	VanEck Social Sentiment ETF	2.21%
QQQN	VictoryShares Nasdaq Next 50 ETF	1.94%
IPO	Renaissance IPO ETF	1.44%
FFTY	Innovator IBD 50 ETF	1.32%
QQQJ	Invesco NASDAQ Next Gen 100 ETF	1.22%
FPX	First Trust US Equity Opportunities ETF	1.16%
VOT	Vanguard Mid-Cap Growth ETF	1.09%
JSML	Janus Henderson Small Cap Growth Alpha ETF	1.08%
FCTR	First Trust Lunt U.S. Factor Rotation ETF	0.94%
IWP	iShares Russell Mid-Cap Growth ETF	0.94%

Size & Style Most Overbought

Ticker	Fund	Value
DSI	iShares MSCI KLD 400 Social ETF	83.22
USSG	Xtrackers MSCI USA ESG Leaders Equity ETF	82.98
SUSL	iShares ESG MSCI USA Leaders ETF	82.29
SPUS	SP Funds S&P 500 Sharia Industry Exclusions ETF	81.73
NULG	Nuveen ESG Large-Cap Growth ETF	81.43
EFIV	SPDR S&P 500 ESG ETF	81.34
SNPE	Xtrackers S&P 500 ESG ETF	80.32
MMTM	SPDR S&P 1500 Momentum Tilt ETF	80.19
IUSG	iShares Core S&P U.S. Growth ETF	79.79
VEGN	US Vegan Climate ETF	79.38

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
JDIV	JPMorgan U.S. Dividend ETF	-0.60%
RDIV	Invesco S&P Ultra Dividend Revenue ETF	-0.59%
LSAT	Leadershires Alphafactor Tactical Focused ETF	-0.52%
UTRN	Vesper U.S. Large Cap Short-Term Reversal Strategy ETF	-0.51%
LVHD	Legg Mason Low Volatility High Dividend ETF	-0.50%
QQXT	First Trust Nasdaq-100 Ex-Technology Sector Index Fund	-0.47%
CDL	VictoryShares US Large Cap High Dividend Volatility Wt..	-0.47%
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	-0.43%
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	-0.42%
FDL	First Trust Morningstar Dividend Leaders Index Fund	-0.41%

Size & Style Most Oversold

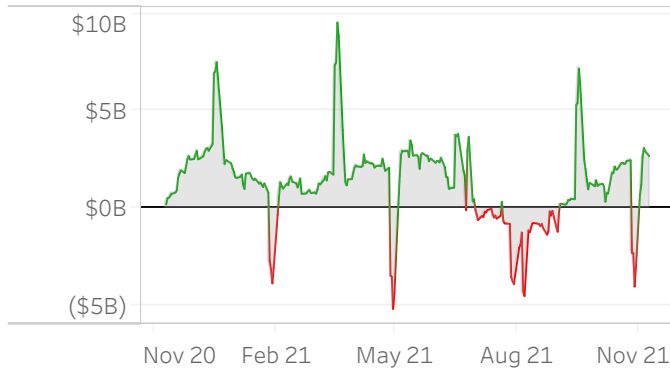
Ticker	Fund	Value
CSD	Invesco S&P Spin-Off ETF	49.34
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	52.75
IPO	Renaissance IPO ETF	52.78
RDIV	Invesco S&P Ultra Dividend Revenue ETF	53.85
PEY	Invesco High Yield Equity Dividend Achievers ETF	55.23
WBIY	WBI Power Factor High Dividend ETF	55.76
DURA	VanEck Morningstar Durable Dividend ETF	56.00
CDL	VictoryShares US Large Cap High Dividend Volatility ..	56.37
DHS	WisdomTree U.S. High Dividend Fund	56.83
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd..	56.89

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

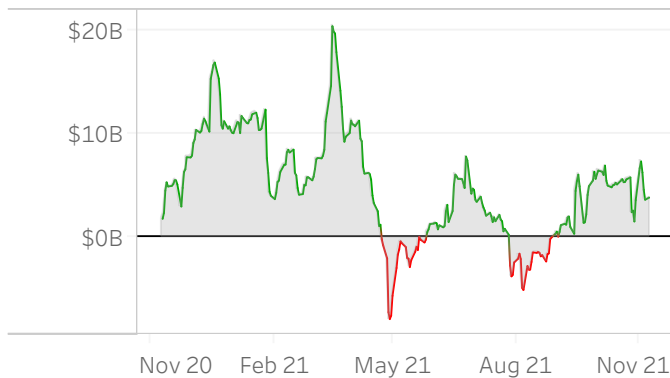
Large-Cap 30-Day Rolling Flows



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	\$1,374B	\$1.35B	\$53.84B	\$81.33B	\$110.58B
Small Cap, Beta, Beta	12	\$239B	\$1.13B	\$8.24B	\$9.31B	\$28.08B
Mid Cap, Beta, Beta: Growth	6	\$43B	\$0.37B	\$0.46B	(\$0.07B)	(\$2.15B)
Large Cap, Beta Growth, Beta: Value	11	\$211B	\$0.33B	\$6.02B	\$11.37B	\$34.43B
Large Cap, Beta Growth, Beta: Growth	10	\$279B	\$0.33B	\$3.35B	\$10.00B	\$5.65B
Mid Cap, Beta, Beta	10	\$199B	\$0.27B	\$2.50B	\$2.43B	\$9.50B
Small Cap, Beta, Beta: Value	7	\$61B	\$0.23B	\$0.83B	\$0.37B	\$9.03B
Mid Cap, Beta, Beta: Value	6	\$43B	(\$0.11B)	\$0.64B	\$0.97B	\$4.74B
Small Cap, Beta, Beta: Growth	7	\$41B	(\$0.16B)	(\$0.04B)	(\$0.07B)	\$0.96B

U.S. Size & Style Flow Leaders

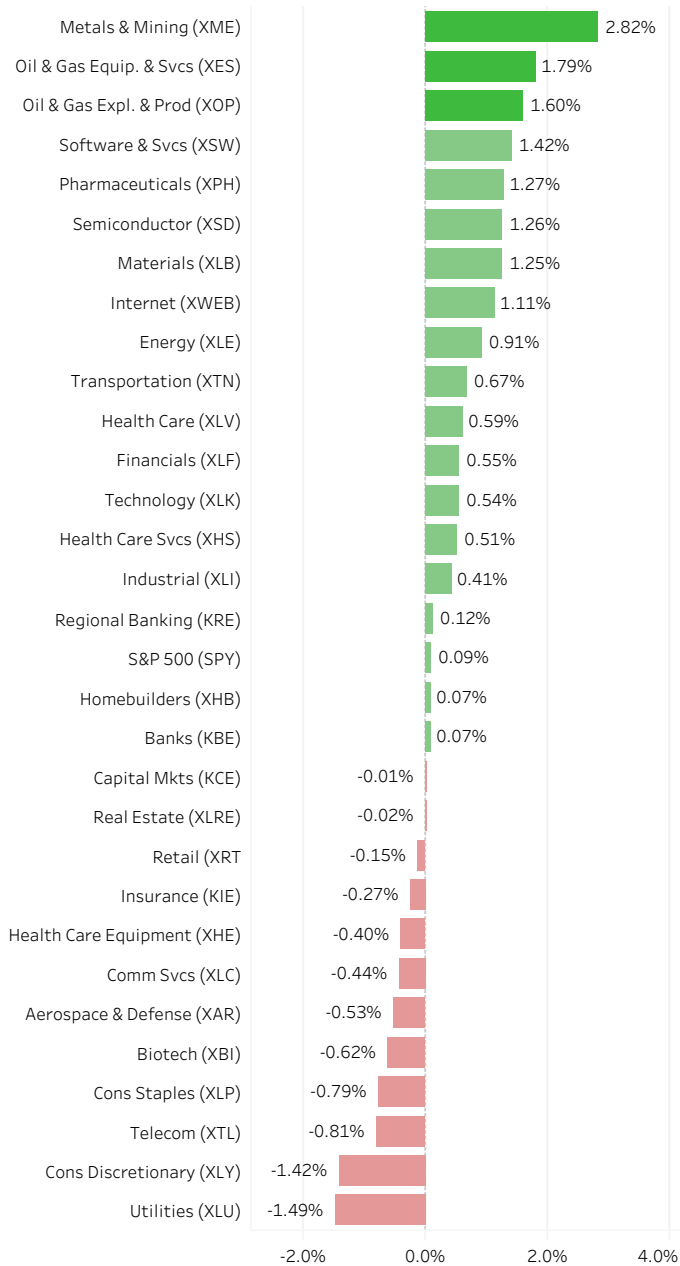
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	\$1.17B	\$12.63B	\$25.20B	\$42.67B	\$275.08B
IVV	iShares Core S&P 500 ETF	\$1.07B	\$8.75B	\$10.82B	\$20.11B	\$324.08B
VTI	Vanguard Total Stock Market ETF	\$0.79B	\$11.17B	\$20.94B	\$45.24B	\$290.96B
SPY	SPDR S&P 500 ETF Trust	\$0.61B	\$20.39B	\$20.65B	\$19.31B	\$428.46B
IWM	iShares Russell 2000 ETF	\$0.42B	\$3.76B	\$2.91B	\$8.61B	\$75.84B
MDYG	SPDR S&P 400 Mid Cap Growth ETF	\$0.35B	\$0.33B	\$0.37B	(\$0.22B)	\$2.14B
IJR	iShares Core S&P Small Cap ETF	\$0.29B	\$1.85B	\$1.11B	\$5.41B	\$76.61B
VTV	Vanguard Value ETF	\$0.21B	\$3.03B	\$6.57B	\$16.57B	\$89.90B
MTUM	iShares MSCI USA Momentum Factor ETF	\$0.21B	\$1.43B	\$0.92B	\$1.41B	\$17.44B
IWD	iShares Russell 1000 Value ETF	\$0.18B	\$1.35B	\$1.35B	\$6.14B	\$57.78B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	(\$1.13B)	\$8.04B	\$16.62B	\$14.89B	\$207.98B
IWB	iShares Russell 1000 ETF	(\$0.75B)	(\$0.87B)	(\$0.32B)	(\$0.52B)	\$31.68B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.38B)	(\$1.67B)	(\$1.69B)	(\$0.65B)	\$30.01B
FNDX	Schwab Fundamental US Large Co. Index ETF	(\$0.32B)	\$0.39B	\$0.69B	\$1.13B	\$8.04B
PKW	Invesco Buyback Achievers ETF	(\$0.31B)	\$0.26B	(\$0.45B)	\$0.40B	\$1.57B
GSLC	Goldman Sachs ActiveBeta U.S. Large Cap Eq..	(\$0.16B)	\$0.13B	\$0.25B	\$0.53B	\$14.47B
FCTR	First Trust Lunt U.S. Factor Rotation ETF	(\$0.15B)	\$0.20B	\$0.32B	\$0.42B	\$0.59B
IJJ	iShares S&P Mid-Cap 400 Value ETF	(\$0.14B)	\$0.24B	\$0.15B	\$1.99B	\$9.50B
VBK	Vanguard Small-Cap Growth ETF	(\$0.12B)	\$0.27B	\$0.45B	\$1.22B	\$17.30B
SPYV	SPDR Portfolio S&P 500 Value ETF	(\$0.09B)	\$0.69B	\$0.90B	\$4.72B	\$13.34B

* 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%	31.97%	4.91%	10.70%	76.84
XLB	Materials Select Sector SPDR Fund	0.00%	27.47%	6.54%	8.29%	74.42
XLI	Industrial Select Sector SPDR Fund	0.00%	26.02%	4.41%	6.13%	69.82
XLK	Technology Select Sector SPDR Fund	0.00%	39.89%	7.13%	15.38%	79.06
XLE	Energy Select Sector SPDR Fund	-0.59%	64.17%	9.79%	15.03%	63.68
XLP	Consumer Staples Select Sector SPDR Fund	-0.79%	14.41%	1.87%	4.00%	62.51
XLF	Financial Select Sector SPDR Fund	-0.94%	48.05%	3.81%	10.25%	58.24
XLRE	Real Estate Select Sector SPDR Fund	-1.07%	37.51%	2.95%	10.56%	61.36
XLY	Consumer Discretionary Select Sector SPDR Fund	-1.42%	35.51%	10.50%	17.32%	74.62
XLV	Health Care Select Sector SPDR Fund	-2.34%	23.25%	1.80%	6.83%	58.64
XLC	Communication Services Select Sector SPDR Fund	-5.47%	27.33%	-0.72%	3.15%	52.77
XLU	Utilities Select Sector SPDR Fund	-5.49%	13.47%	-0.49%	1.51%	47.92

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XME	SPDR S&P Metals & Mining ETF	2.82%
PTF	Invesco DWA Technology Momentum ETF	2.19%
PXI	Invesco DWA Energy Momentum ETF	1.80%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	1.79%
PSCE	Invesco S&P SmallCap Energy ETF	1.79%
FTXR	First Trust Nasdaq Transportation ETF	1.73%
FCG	First Trust Natural Gas ETF	1.68%
XOP	SPDR S&P Oil & Gas Exploration & Production ETF	1.60%
AMZA	InfraCap MLP ETF	1.49%
IEZ	iShares U.S. Oil Equipment & Services ETF	1.49%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
XSD	SPDR S&P Semiconductor ETF	84.51
SOXX	iShares Semiconductor ETF	81.52
PSI	Invesco Dynamic Semiconductors ETF	81.47
JHMT	John Hancock Multifactor Technology ETF	81.10
PRN	Invesco DWA Industrials Momentum ETF	80.78
SOXQ	Invesco PHLX Semiconductor ETF	80.29
PTF	Invesco DWA Technology Momentum ETF	80.16
XLK	Technology Select Sector SPDR Fund	79.06
FTXR	First Trust Nasdaq Transportation ETF	78.58
VGT	Vanguard Information Technology ETF	78.45

Sector & Industry 1 Day Performance Laggards

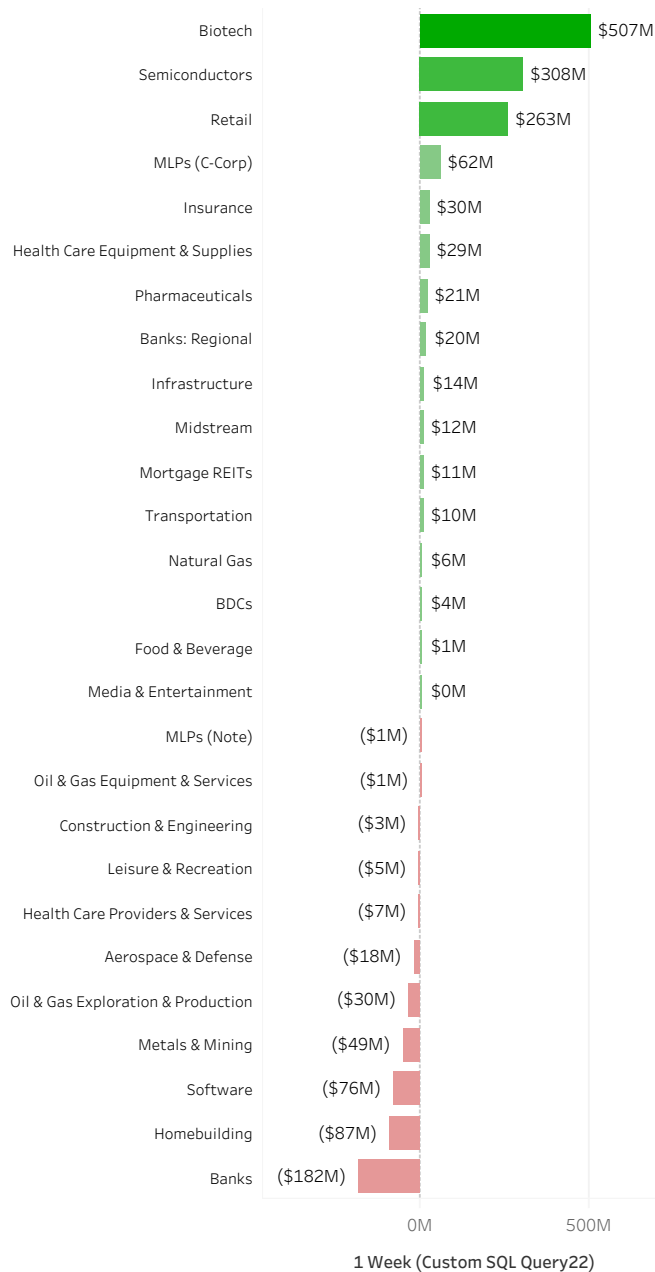
Ticker	Fund	1 Day Performance
RYU	Invesco S&P 500 Equal Weight Utilities ETF	-1.62%
XLU	Utilities Select Sector SPDR Fund	-1.49%
XLY	Consumer Discretionary Select Sector SPDR Fund	-1.42%
FUTY	Fidelity MSCI Utilities Index ETF	-1.38%
FXU	First Trust Utilities AlphaDEX Fund	-1.36%
VPU	Vanguard Utilities ETF	-1.33%
IDU	iShares U.S. Utilities ETF	-1.26%
IGN	iShares North American Tech-Multimedia Networking ..	-1.20%
ROOF	IQ US Real Estate Small Cap ETF	-1.20%
VCR	Vanguard Consumer Discretionary ETF	-1.16%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IBB	iShares Biotechnology ETF	43.86
PBE	Invesco Dynamic Biotechnology & Genome ETF	44.28
FBT	First Trust NYSE Arca Biotechnology Index Fund	44.79
RYU	Invesco S&P 500 Equal Weight Utilities ETF	44.83
FXU	First Trust Utilities AlphaDEX Fund	46.23
XLU	Utilities Select Sector SPDR Fund	47.92
MLPA	Global X MLP ETF	48.36
VPU	Vanguard Utilities ETF	49.01
IDU	iShares U.S. Utilities ETF	49.50
FUTY	Fidelity MSCI Utilities Index ETF	49.53

* 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	(\$41M)	\$1,099M	\$1,978M	\$2,261M
Consumer Discretionary	13	\$39B	\$522M	\$780M	(\$464M)	\$3,231M
Consumer Staples	12	\$21B	\$114M	(\$1,159M)	\$1,236M	(\$3,300M)
Energy	34	\$57B	\$12M	\$569M	(\$131M)	\$11,543M
Financials	28	\$86B	\$233M	\$5,168M	\$1,532M	\$24,754M
Health Care	26	\$92B	\$1,484M	\$1,306M	\$4,786M	\$4,340M
Industrial	14	\$37B	\$425M	(\$1,773M)	(\$4,064M)	\$3,139M
Materials	10	\$17B	\$401M	(\$849M)	(\$403M)	\$5,080M
Multi-Sector	17	\$27B	(\$91M)	\$939M	\$814M	\$3,771M
Real Estate	22	\$79B	\$114M	\$4,579M	\$7,949M	\$13,565M
Technology	24	\$156B	(\$490M)	\$3,609M	\$5,349M	\$4,802M
Utilities	10	\$20B	\$189M	(\$850M)	\$316M	\$25M

U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	\$953M	\$177M	\$3,618M	\$3,058M	\$32,769M
XLB	Materials Select Sector SPDR Fund	\$453M	(\$381M)	(\$345M)	\$2,449M	\$8,338M
XLI	Industrial Select Sector SPDR Fund	\$409M	(\$1,340M)	(\$2,931M)	\$811M	\$18,439M
XBI	SPDR S&P BIOTECH ETF	\$390M	\$622M	\$974M	\$1,357M	\$7,964M
XRT	SPDR S&P Retail ETF	\$263M	\$103M	\$155M	\$331M	\$1,159M
SOXX	iShares Semiconductor ETF	\$227M	\$592M	\$861M	\$2,299M	\$8,901M
XLF	Financial Select Sector SPDR Fund	\$192M	\$2,559M	(\$604M)	\$12,810M	\$45,372M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$189M	\$882M	(\$338M)	\$624M	\$23,898M
XLU	Utilities Select Sector SPDR Fund	\$176M	(\$1,004M)	(\$35M)	(\$199M)	\$12,415M
VNQ	Vanguard Real Estate ETF	\$145M	\$1,175M	\$3,195M	\$6,458M	\$46,620M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLK	Technology Select Sector SPDR Fund	(\$681M)	\$81M	\$570M	(\$868M)	\$48,716M
ITB	iShares U.S. Home Construction ETF	(\$147M)	\$77M	(\$321M)	(\$293M)	\$2,650M
KBE	SPDR S&P Bank ETF	(\$142M)	\$32M	(\$853M)	\$312M	\$3,429M
XLE	Energy Select Sector SPDR Fund	(\$92M)	\$603M	\$242M	\$7,737M	\$27,671M
IGV	iShares Expanded Tech-Software Sector ETF	(\$66M)	\$658M	\$323M	(\$411M)	\$6,672M
IYW	iShares U.S. Technology ETF	(\$56M)	\$274M	\$638M	\$383M	\$9,463M
BBRE	JPMorgan BetaBuilders MSCI U.S. REIT ETF	(\$50M)	(\$19M)	(\$119M)	\$246M	\$1,480M
XME	SPDR S&P Metals & Mining ETF	(\$49M)	(\$89M)	(\$369M)	\$676M	\$1,878M
XLC	Communication Services Select Sector SPDR Fu..	(\$45M)	\$978M	\$1,100M	\$1,091M	\$15,314M
KBWB	Invesco KBW Bank ETF	(\$42M)	\$553M	\$445M	\$1,687M	\$3,475M

* 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



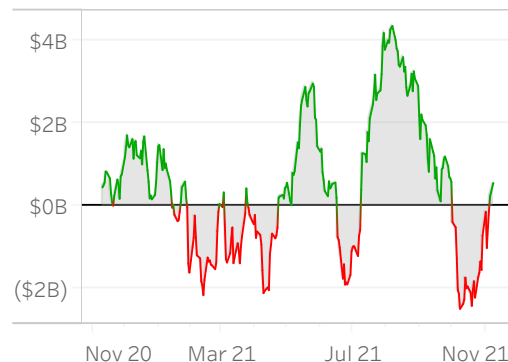
Financials



Industrial



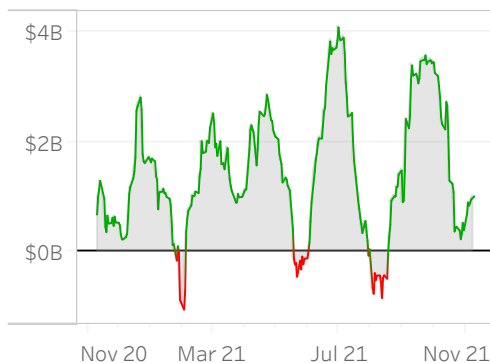
Health Care



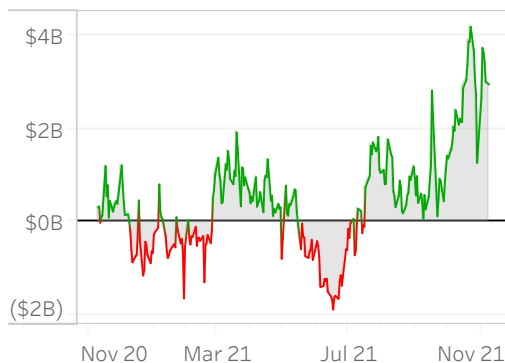
Materials



Real Estate



Technology



Utilities

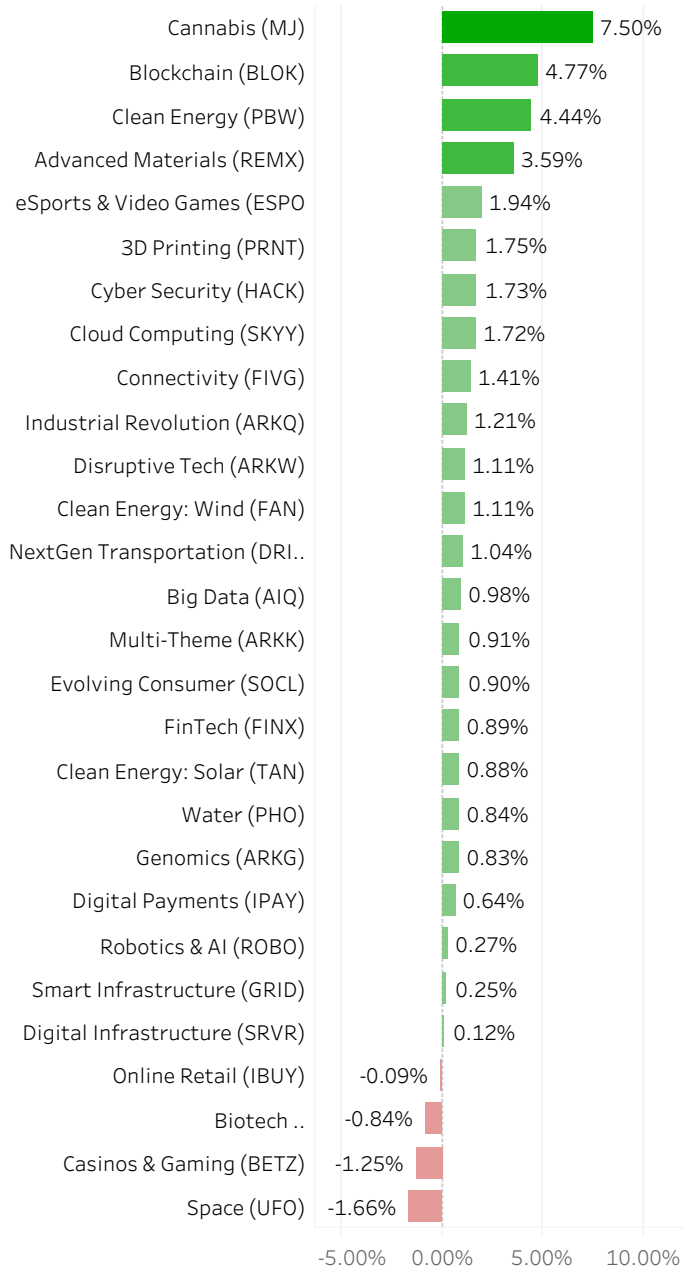


Multi-Sector

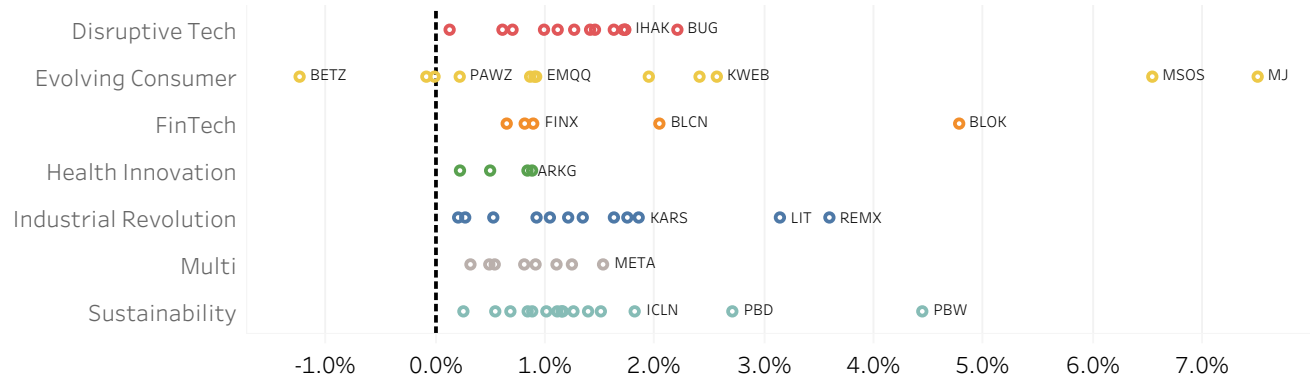


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
POTX	Global X Cannabis ETF	11.51%
BKCH	Global X Blockchain ETF	10.03%
THCX	Cannabis ETF	7.91%
MJ	ETFMG Alternative Harvest ETF	7.50%
DAPP	VanEck Digital Transformation ETF	7.28%
CNBS	Amplify Seymour Cannabis ETF	7.24%
BITQ	Bitwise Crypto Industry Innovators ETF	7.19%
YOLO	AdvisorShares Pure Cannabis ETF	6.90%
MSOS	AdvisorShares Pure US Cannabis ETF	6.54%
HDRO	Defiance Next Gen H2 ETF	4.88%

Thematic Most Overbought

Ticker	Fund	Value
IDRV	iShares Self-driving EV & Tech ETF	85.24
DRIV	Global X Autonomous & Electric Vehicles ETF	82.51
QTUM	Defiance Quantum ETF	81.73
FIVG	Defiance Next Gen Connectivity ETF	80.84
BITQ	Bitwise Crypto Industry Innovators ETF	80.22
SNSR	Global X Internet of Things ETF	78.97
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	78.76
BKCH	Global X Blockchain ETF	78.11
BLOK	Amplify Transformational Data Sharing ETF	78.10
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	77.99

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
UFO	ProShare Space ETF	-1.66%
BETZ	Roundhill Sports Betting & iGaming ETF	-1.25%
SBIO	ALPS Medical Breakthroughs ETF	-0.84%
BJK	VanEck Gaming ETF	-0.62%
AGNG	Global X Aging Population ETF	-0.49%
MILN	Global X Millennial Consumer ETF	-0.37%
GENY	Principal Millennials ETF	-0.20%
IBUY	Amplify Online Retail ETF	-0.09%
ONLN	ProShares Online Retail ETF	-0.01%
BTEC	Principal Healthcare Innovators ETF	0.05%

Thematic Most Oversold

Ticker	Fund	Value
GERM	ETFMG Treatments Testing and Advancements ETF	34.93
BETZ	Roundhill Sports Betting & iGaming ETF	40.19
IPAY	ETFMG Prime Mobile Payments ETF	40.29
BJK	VanEck Gaming ETF	44.96
FAN	First Trust Global Wind Energy ETF	45.17
KWEB	KraneShares CSI China Internet ETF	45.29
EMQQ	Emerging Markets Internet & Ecommerce ETF	46.01
IDNA	iShares Genomics Immunology and Healthcare ETF Geno..	46.84
SOCL	Global X Social Media ETF	47.30
KEMQ	KraneShares Emerging Markets Consumer Technology In..	49.29

* 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	
LIT	Global X Lithium & Battery Tech ETF	\$191M
META	Roundhill Ball Metaverse ETF	\$88M
OCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	\$73M
KWEB	KraneShares CSI China Internet ETF	\$61M
BUG	Global X Cybersecurity ETF	\$59M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$51M
ICLN	iShares Global Clean Energy ETF	\$48M
BLOK	Amplify Transformational Data Sharing ETF	\$33M
DRIV	Global X Autonomous & Electric Vehicles ETF	\$30M
IDRV	iShares Self-driving EV & Tech ETF	\$22M

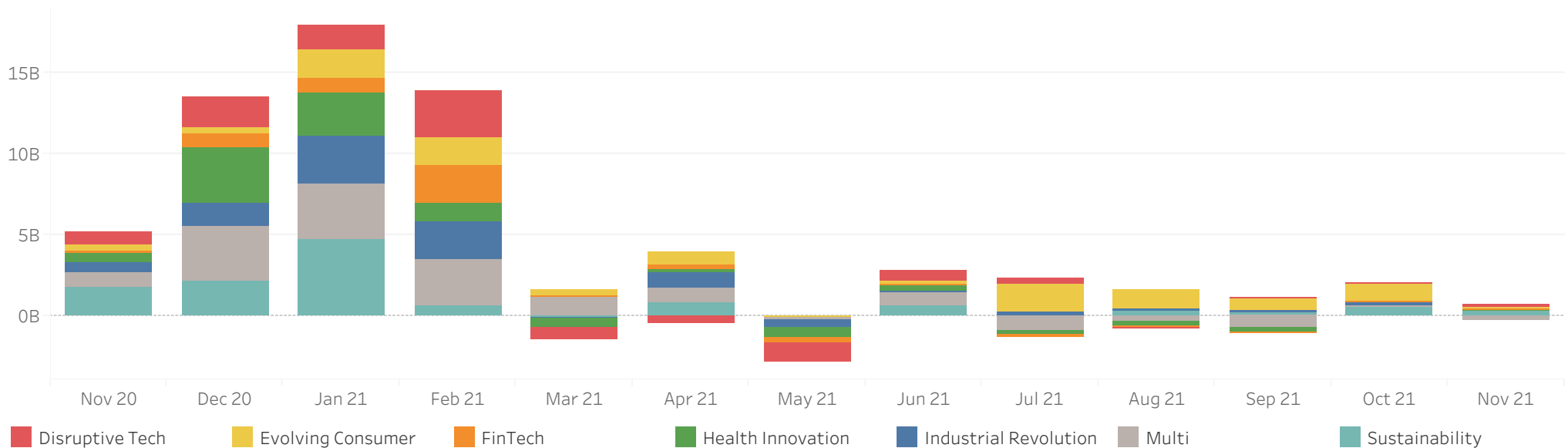
Thematic 1 Week Flow Laggards

Ticker	Fund	
ARKK	ARK Innovation ETF	(\$368M)
TAN	Invesco Solar ETF	(\$47M)
FIVG	Defiance Next Gen Connectivity ETF	(\$25M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$22M)
HERO	Global X Video Games & Esports ETF	(\$12M)
PHO	Invesco Water Resources ETF	(\$10M)
ARKW	ARK Next Generation Internet ETF	(\$8M)
ARKF	ARK Fintech Innovation ETF	(\$8M)
ARKX	ARK Space Exploration & Innovation ETF	(\$7M)
ESPO	VanEck Video Gaming and eSports ETF	(\$7M)

Thematic Landscape Assets & Flows

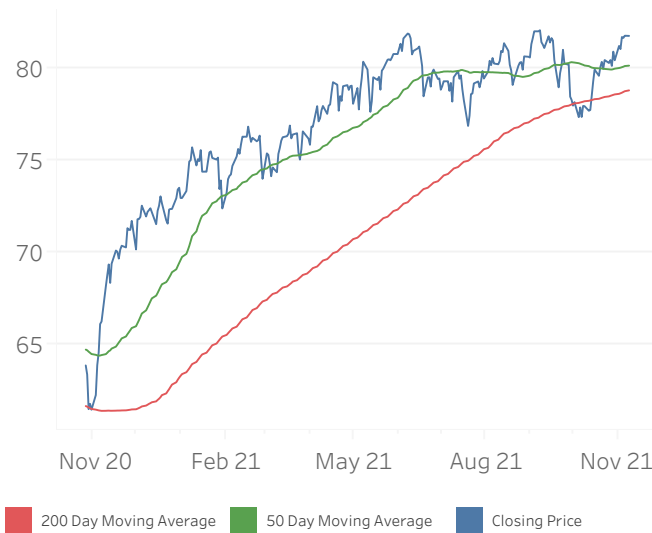
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	36	\$31B	\$147M	\$220M	\$635M	\$5,982M
Evolving Consumer	41	\$17B	\$55M	\$2,990M	\$5,046M	\$10,299M
FinTech	16	\$9B	\$69M	\$21M	(\$342M)	\$4,446M
Health Innovation	15	\$10B	(\$24M)	(\$528M)	(\$739M)	\$6,375M
Industrial Revolution	24	\$19B	\$202M	\$508M	\$510M	\$8,299M
Multi	28	\$31B	(\$427M)	(\$1,007M)	(\$886M)	\$11,198M
Sustainability	36	\$26B	\$89M	\$1,299M	\$2,119M	\$12,384M
Grand Total	196	\$142B	\$110M	\$3,502M	\$6,343M	\$58,983M

Thematic Monthly Flows

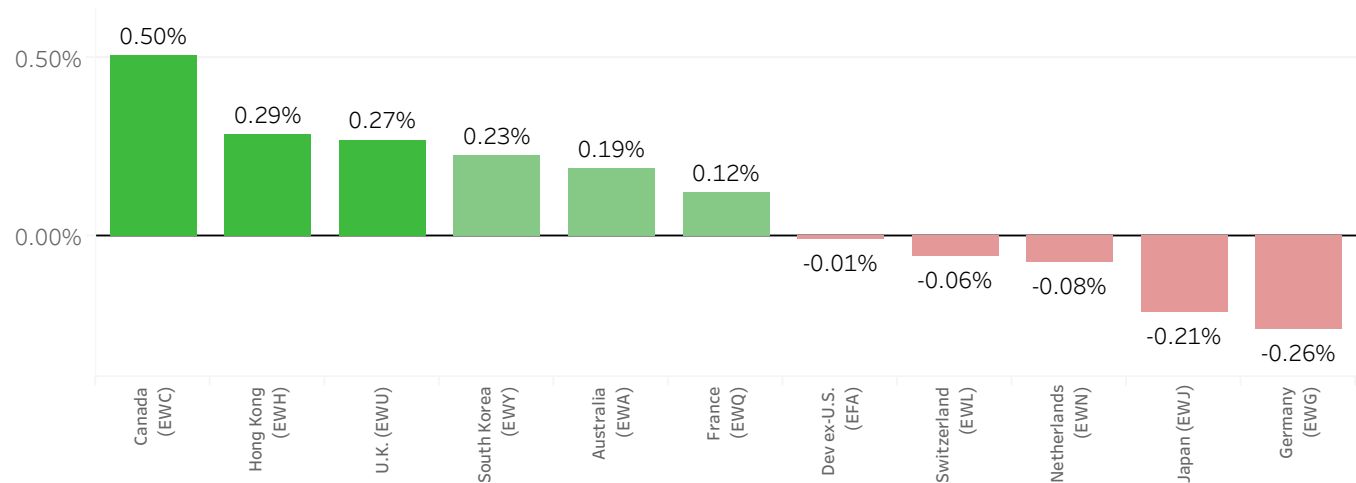


* ETF Landscape represented using the ETF Action classification system ** Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify *** Flows delayed one day

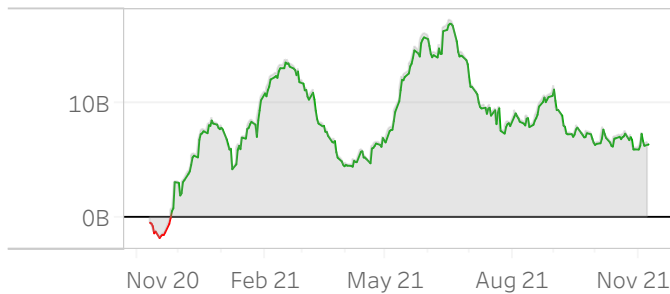
Developed ex-U.S. (EFA)



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



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



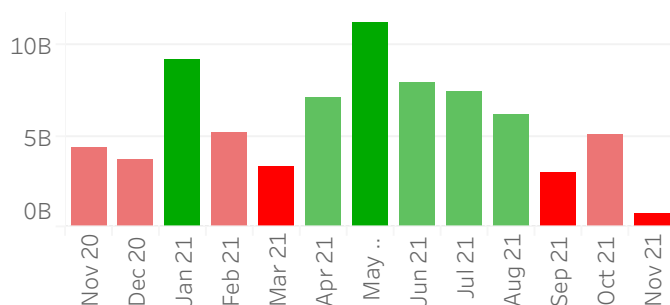
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
GREK	Global X MSCI Greece ETF	1.89%
EDEN	iShares MSCI Denmark ETF	1.40%
EWO	iShares MSCI Austria ETF	1.14%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	1.04%
IMOM	Alpha Architect International Quantitative Momentum ETF	0.98%
EWS	iShares MSCI Singapore ETF	0.95%
AIA	iShares Asia 50 ETF	0.89%
ISRA	VanEck Israel ETF	0.82%
FKU	First Trust United Kingdom AlphaDEX Fund	0.69%
EIRL	iShares MSCI Ireland ETF	0.68%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
TOK	iShares MSCI Kokusai ETF	76.35
HEDJ	WisdomTree Europe Hedged Equity Fund	73.72
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	73.60
EIS	iShares MSCI Israel ETF	73.48
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	72.62
HEZU	iShares Currency Hedged MSCI Eurozone ETF	72.03
EWQ	iShares MSCI France ETF	70.66
IDHQ	Invesco S&P International Developed High Quality ETF	70.30
HEFA	iShares Currency Hedged MSCI EAFE ETF	70.29
EFG	iShares MSCI EAFE Growth ETF	69.14

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
DFJ	WisdomTree Japan SmallCap Dividend Fund	-0.70%
HEWJ	iShares Currency Hedged MSCI Japan ETF	-0.41%
LVHI	Legg Mason International Low Volatility High Dividend ETF	-0.41%
SCJ	iShares MSCI Japan Small-Cap ETF	-0.40%
FLKR	Franklin FTSE South Korea ETF	-0.39%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	-0.36%
EWP	iShares MSCI Spain ETF	-0.28%
DXJ	WisdomTree Japan Hedged Equity Fund	-0.27%
EWG	iShares MSCI Germany ETF	-0.26%
FLJP	Franklin FTSE Japan ETF	-0.26%

Developed ex-U.S. Most Oversold

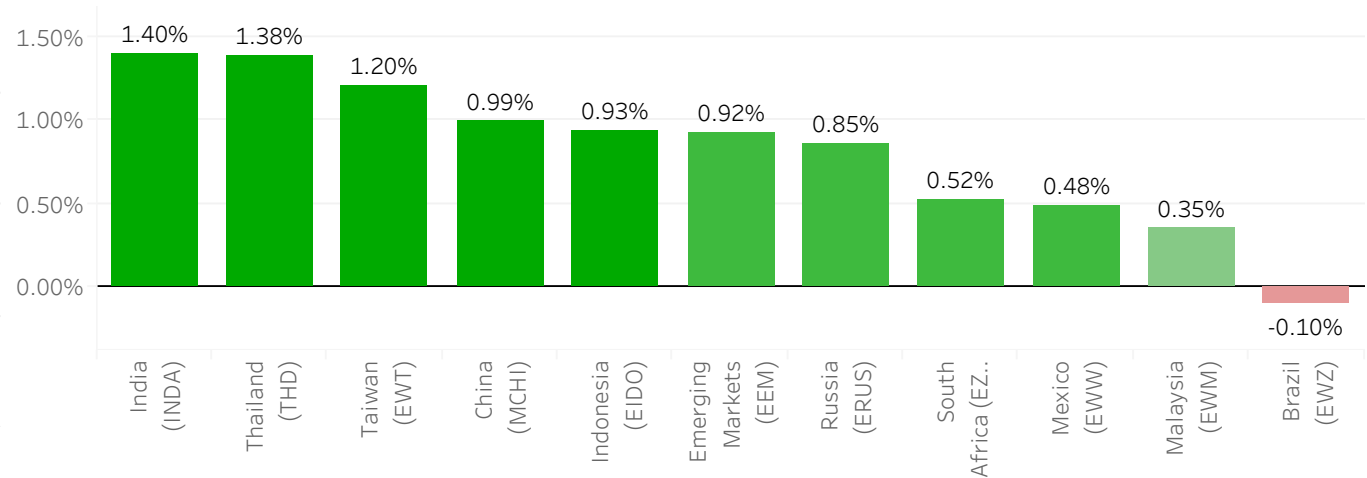
Ticker	Fund	Price
FLKR	Franklin FTSE South Korea ETF	44.65
DFJ	WisdomTree Japan SmallCap Dividend Fund	45.00
EWY	iShares MSCI South Korea ETF	45.81
EIRL	iShares MSCI Ireland ETF	45.94
IDV	iShares International Select Dividend ETF	48.42
AIA	iShares Asia 50 ETF	48.80
EWJV	iShares MSCI Japan Value ETF	50.15
IVAL	Alpha Architect International Quantitative Value ETF	50.34
AAXJ	iShares MSCI All Country Asia ex Japan ETF	50.73
EWUS	iShares MSCI United Kingdom Small Cap ETF	51.03

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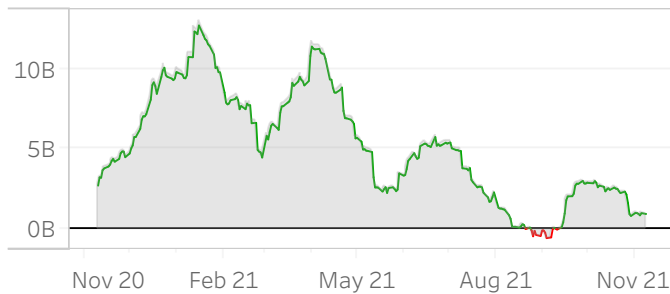
Emerging (EEM)



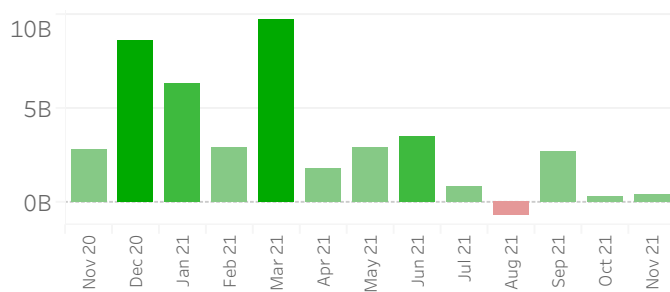
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
PGJ	Invesco Golden Dragon China ETF	2.22%
TUR	iShares MSCI Turkey ETF	2.03%
FNI	First Trust Chindia ETF	1.92%
ADRE	Invesco BLDRS Emerging Markets 50 ADR Index Fund	1.84%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	1.83%
EPI	WisdomTree India Earnings Fund	1.59%
ECNS	iShares MSCI China Small-Cap ETF	1.47%
EPU	iShares MSCI Peru ETF	1.47%
EYLD	Cambria Emerging Shareholder Yield ETF	1.45%
INDA	iShares MSCI India ETF	1.40%

Emerging Most Overbought

Ticker	Fund	Price
FM	iShares MSCI Frontier and Select EM ETF	73.15
VNM	VanEck Vietnam ETF	72.49
EPHE	iShares MSCI Philippines ETF	71.80
QAT	iShares MSCI Qatar ETF	67.63
TUR	iShares MSCI Turkey ETF	66.58
EWT	iShares MSCI Taiwan ETF	64.42
INDA	iShares MSCI India ETF	63.77
EPI	WisdomTree India Earnings Fund	63.22
SMIN	iShares MSCI India Small Cap ETF	62.93
EEMS	iShares MSCI Emerging Markets Small Cap ETF	62.03

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EWZS	iShares MSCI Brazil Small-Cap ETF	-1.81%
FLBR	Franklin FTSE Brazil ETF	-0.35%
EPOL	iShares MSCI Poland ETF	-0.25%
EWZ	iShares MSCI Brazil ETF	-0.10%
QAT	iShares MSCI Qatar ETF	0.00%
PIE	Invesco DWA Emerging Markets Momentum ETF	0.28%
EWM	iShares MSCI Malaysia ETF	0.35%
AFK	VanEck Africa Index ETF	0.37%
ECH	iShares MSCI Chile ETF	0.42%
ILF	iShares Latin America 40 ETF	0.44%

Emerging Most Oversold

Ticker	Fund	Price
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	38.09
EWM	iShares MSCI Malaysia ETF	40.53
EWZ	iShares MSCI Brazil ETF	41.94
ILF	iShares Latin America 40 ETF	41.95
FEM	First Trust Emerging Markets AlphaDEX Fund	42.54
FLBR	Franklin FTSE Brazil ETF	43.26
DEM	WisdomTree Emerging Markets High Dividend Fund	43.76
MCHI	iShares MSCI China ETF	44.03
FLCH	Franklin FTSE China ETF	44.23
GXC	SPDR S&P China ETF	44.29

* 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)



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	-0.18%	0.93%	-1.21%
SHY	1-3 Year Treasury Bonds	-0.12%	-0.18%	-0.39%
IEF	7-10 Year Treasury Bonds	-0.43%	0.75%	-3.31%
TLT	20+ Year Treasury Bonds	-0.19%	5.17%	-4.29%
TIP	TIPS Bonds	0.33%	1.91%	5.60%
FLOT	Floating Rate Bonds	0.02%	0.04%	0.48%
LQD	Investment Grade Corporate	-0.23%	2.26%	-0.73%
HYG	High Yield Corporate	-0.13%	1.05%	3.50%
BKLN	Senior Loan	-0.05%	0.12%	2.02%
PFF	Preferred & Income Securities	-0.23%	2.51%	6.15%
MUB	Municipal Bonds	-0.10%	0.47%	0.62%
MBB	MBS	-0.12%	0.17%	-0.91%
EMB	Dollar Denominated EM Bonds	-0.09%	2.05%	-1.41%
LEMB	Local Currency EM Bond	0.14%	-0.19%	-6.96%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.20%	0.13%	36.71%
DBE	Energy	0.72%	1.79%	67.80%
USO	WTI Crude Oil	0.95%	2.92%	72.95%
BNO	Brent Crude Oil	1.09%	2.16%	72.52%
UNG	Natural Gas	-3.68%	-6.76%	96.41%
UGA	Gasoline	0.58%	0.89%	72.11%
DBP	Precious Metals	0.64%	4.71%	-6.08%
GLD	Gold	0.36%	3.79%	-4.43%
SLV	Silver	1.34%	8.11%	-7.81%
PPLT	Platinum	2.08%	3.32%	-1.88%
PALL	Palladium	2.02%	-0.12%	-15.81%
DBB	Base Metals	1.55%	-2.87%	21.73%
CPER	Copper	1.35%	2.90%	23.92%
LD	Lead	0.11%	6.77%	20.57%
JJN	Nickel	1.34%	1.83%	16.88%
JJU	Aluminum	1.48%	-12.86%	28.59%
JJT	Tin	0.52%	2.97%	110.62%
DBA	Agriculture	-0.26%	-0.98%	19.08%
CORN	Corn	-0.10%	3.28%	33.50%
SOYB	Soybeans	-0.86%	-4.71%	7.13%
WEAT	Wheat	-0.13%	4.88%	21.49%
CANE	Sugar	-0.10%	-0.08%	42.96%
BAL	Cotton	-0.27%	5.61%	42.84%
NIB	Cocoa	0.72%	-14.18%	-9.84%
JO	Coffee	-1.55%	0.02%	48.17%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.20%	-0.16%	4.08%
UDN	Short Dollar	0.15%	0.00%	-5.19%
FXE	Euro	0.19%	0.10%	-5.97%
FXB	British Pound Sterling	0.55%	-0.45%	-1.15%
FXF	Swiss Franc	-0.14%	1.38%	-4.08%
FXJ	Japanese Yen	0.08%	-0.88%	-9.28%
FXC	Canadian Dollar	-0.01%	0.20%	1.93%
FXA	Australian Dollar	0.28%	1.52%	-4.07%

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