

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

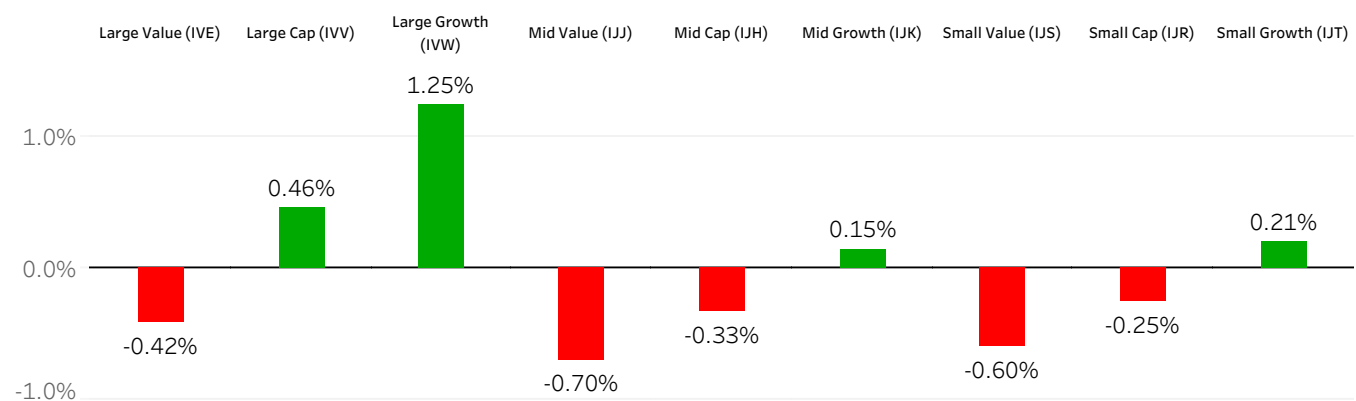


Small Cap Blend (S&P 600) IJR



■ 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
QQH	HCM Defender 100 Index ETF	2.02%
RPG	Invesco S&P 500 Pure Growth ETF	1.65%
NULG	Nuveen ESG Large-Cap Growth ETF	1.62%
VEGN	US Vegan Climate ETF	1.57%
FFTY	Innovator IBD 50 ETF	1.48%
QQQ	Invesco QQQ Trust	1.28%
QGRO	American Century STOXX U.S. Quality Growth ETF	1.28%
QQQM	Invesco NASDAQ 100 ETF	1.27%
SSPX	Janus Henderson U.S. Sustainable Equity ETF	1.26%
IVW	iShares S&P 500 Growth ETF	1.25%

Size & Style Most Overbought

Ticker	Fund	Value
USSG	Xtrackers MSCI USA ESG Leaders Equity ETF	82.63
SUSL	iShares ESG MSCI USA Leaders ETF	82.20
DSI	iShares MSCI KLD 400 Social ETF	82.15
SPUS	SP Funds S&P 500 Sharia Industry Exclusions ETF	81.47
NULG	Nuveen ESG Large-Cap Growth ETF	81.24
RPG	Invesco S&P 500 Pure Growth ETF	80.32
EFIV	SPDR S&P 500 ESG ETF	80.05
IUSG	iShares Core S&P U.S. Growth ETF	79.68
SNPE	Xtrackers S&P 500 ESG ETF	79.28
IVW	iShares S&P 500 Growth ETF	79.14

Size & Style 1-Day Performance Laggards

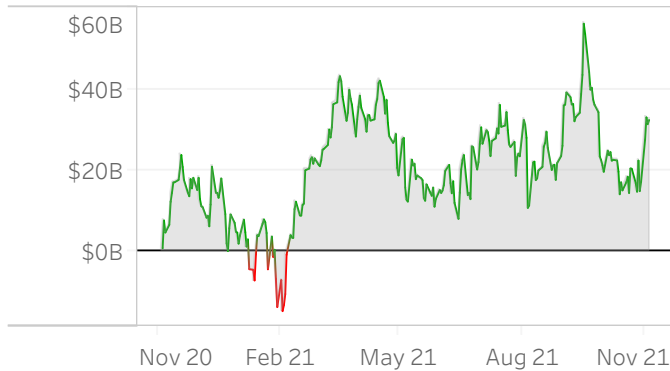
Ticker	Fund	1-Day Performance
CSD	Invesco S&P Spin-Off ETF	-3.16%
WBIY	WBI Power Factor High Dividend ETF	-1.74%
DEEP	Roundhill Acquirers Deep Value ETF	-1.36%
IPO	Renaissance IPO ETF	-1.08%
DDIV	First Trust Dorsey Wright Momentum & Dividend ETF	-1.04%
RFV	Invesco S&P Midcap 400 Pure Value ETF	-1.04%
FNK	First Trust Mid Cap Value AlphaDEX Fund	-1.03%
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	-1.02%
SPVU	Invesco S&P 500 Enhanced Value ETF	-1.01%
FDM	First Trust Dow Jones Select MicroCap Index Fund	-1.01%

Size & Style Most Oversold

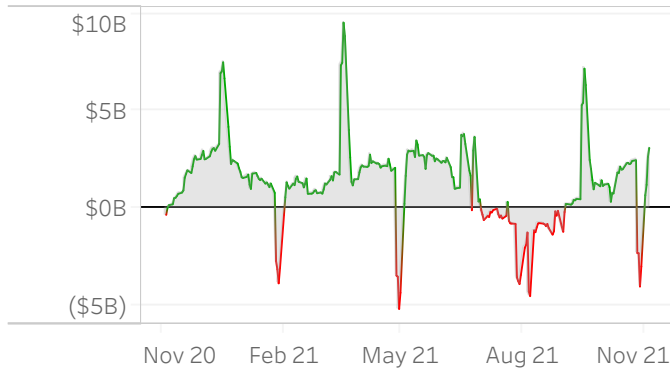
Ticker	Fund	Value
CSD	Invesco S&P Spin-Off ETF	46.30
RDIV	Invesco S&P Ultra Dividend Revenue ETF	48.20
SPHD	Invesco S&P 500 High Dividend Low Volatility ETF	49.27
WBIY	WBI Power Factor High Dividend ETF	49.38
SDOG	ALPS Sector Dividend Dogs ETF	51.90
WBIF	WBI BullBear Value 3000 ETF	52.18
DHS	WisdomTree U.S. High Dividend Fund	52.29
PEY	Invesco High Yield Equity Dividend Achievers ETF	52.56
GURU	Global X Guru Index ETF	53.02
DVY	iShares Select Dividend ETF	53.56

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

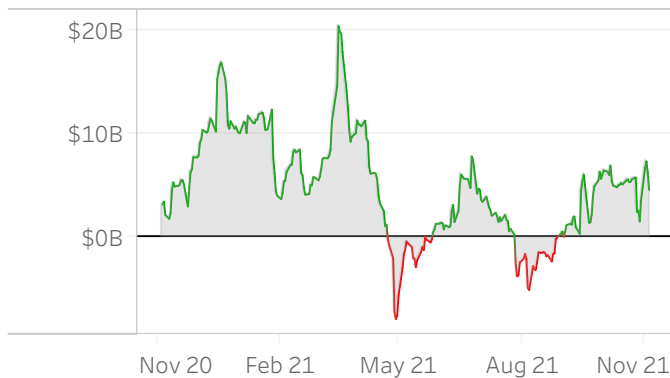
Large-Cap 30-Day Rolling Flows



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	\$1,361B	\$4.53B	\$55.44B	\$77.83B	\$110.60B
Mid Cap, Beta, Beta	10	\$198B	\$0.44B	\$2.76B	\$2.73B	\$9.71B
Mid Cap, Beta, Beta: Growth	6	\$43B	\$0.43B	\$0.50B	(\$0.17B)	(\$2.03B)
Large Cap, Beta Growth, Beta: Growth	10	\$275B	\$0.38B	\$3.41B	\$9.63B	\$5.88B
Large Cap, Beta Growth, Beta: Value	11	\$211B	\$0.35B	\$5.95B	\$11.40B	\$34.32B
Small Cap, Beta, Beta	12	\$234B	\$0.24B	\$6.87B	\$7.98B	\$26.29B
Small Cap, Beta, Beta: Value	7	\$60B	\$0.14B	\$0.79B	\$0.41B	\$9.00B
Small Cap, Beta, Beta: Growth	7	\$41B	\$0.07B	\$0.18B	(\$0.08B)	\$1.25B
Mid Cap, Beta, Beta: Value	6	\$43B	\$0.03B	\$0.75B	\$1.18B	\$4.87B

U.S. Size & Style Flow Leaders

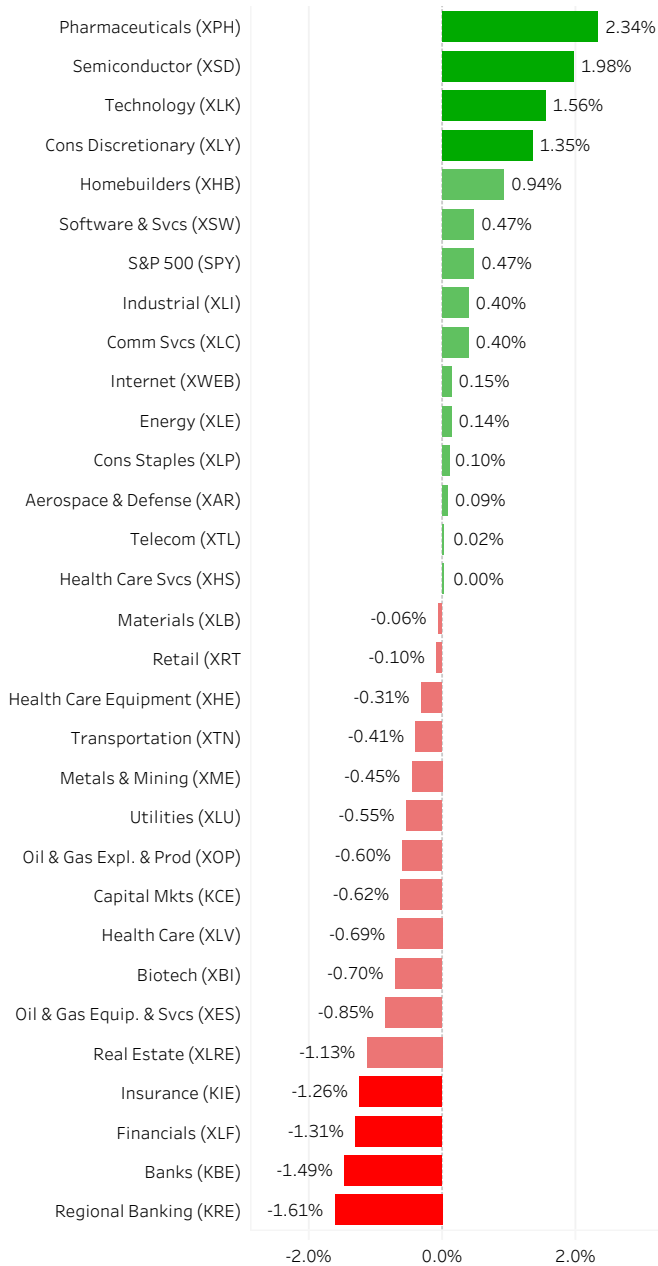
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$2.58B	\$21.40B	\$19.03B	\$19.86B	\$424.88B
IVV	iShares Core S&P 500 ETF	\$1.27B	\$8.74B	\$10.32B	\$20.43B	\$321.27B
VTI	Vanguard Total Stock Market ETF	\$1.18B	\$11.17B	\$20.73B	\$45.51B	\$288.47B
VOO	Vanguard S&P 500 ETF	\$1.09B	\$12.67B	\$24.38B	\$42.28B	\$272.34B
MDYG	SPDR S&P 400 Mid Cap Growth ETF	\$0.34B	\$0.32B	\$0.36B	(\$0.20B)	\$2.14B
MDY	SPDR S&P Midcap 400 ETF Trust	\$0.28B	(\$0.39B)	(\$0.80B)	(\$0.02B)	\$22.19B
MTUM	iShares MSCI USA Momentum Factor ETF	\$0.26B	\$1.42B	\$0.85B	\$1.46B	\$17.55B
IJR	iShares Core S&P Small Cap ETF	\$0.23B	\$1.72B	\$1.08B	\$5.30B	\$74.96B
IWN	iShares Russell 2000 Value ETF	\$0.22B	\$0.28B	(\$0.78B)	\$2.36B	\$17.02B
ESGU	iShares ESG Aware MSCI USA ETF	\$0.21B	\$1.86B	\$4.85B	\$8.00B	\$24.09B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SDY	SPDR S&P Dividend ETF	(\$1.04B)	\$0.13B	\$0.27B	\$0.23B	\$20.18B
IWB	iShares Russell 1000 ETF	(\$0.84B)	(\$0.87B)	(\$0.32B)	(\$0.58B)	\$31.46B
PSC	Principal U.S. Small-Cap Multi-Factor ETF	(\$0.40B)	(\$0.02B)	\$0.07B	\$0.52B	\$1.69B
USMC	Principal U.S. Mega-Cap ETF	(\$0.32B)	\$0.03B	\$0.04B	\$0.08B	\$2.15B
PKW	Invesco Buyback Achievers ETF	(\$0.31B)	\$0.26B	(\$0.44B)	\$0.40B	\$1.57B
FNDX	Schwab Fundamental US Large Co. Index ETF	(\$0.30B)	\$0.39B	\$0.71B	\$1.13B	\$7.98B
RDIV	Invesco S&P Ultra Dividend Revenue ETF	(\$0.15B)	(\$0.03B)	(\$0.02B)	(\$0.06B)	\$0.70B
VXF	Vanguard Extended Market ETF	(\$0.14B)	\$0.04B	\$0.77B	\$2.57B	\$18.62B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.12B)	\$0.14B	(\$1.79B)	(\$9.73B)	\$29.25B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.09B)	(\$1.33B)	(\$1.54B)	(\$0.30B)	\$30.17B

* 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%	31.40%	4.62%	10.47%	75.29
XLK	Technology Select Sector SPDR Fund	0.00%	38.42%	6.24%	14.47%	76.49
XLY	Consumer Discretionary Select Sector SPDR Fund	0.00%	36.58%	12.02%	18.54%	83.34
XLI	Industrial Select Sector SPDR Fund	-0.20%	24.24%	3.01%	4.85%	63.66
XLP	Consumer Staples Select Sector SPDR Fund	-0.53%	14.66%	2.14%	4.35%	68.40
XLRE	Real Estate Select Sector SPDR Fund	-1.27%	37.22%	2.83%	10.61%	60.59
XLF	Financial Select Sector SPDR Fund	-1.53%	47.17%	3.34%	9.93%	55.52
XLB	Materials Select Sector SPDR Fund	-1.74%	25.33%	4.53%	6.35%	68.14
XLV	Health Care Select Sector SPDR Fund	-1.82%	23.90%	2.29%	7.56%	63.33
XLE	Energy Select Sector SPDR Fund	-2.76%	62.37%	8.16%	12.95%	57.72
XLU	Utilities Select Sector SPDR Fund	-4.97%	14.10%	-0.05%	2.15%	51.34
XLC	Communication Services Select Sector SPDR Fund	-5.81%	27.36%	-1.24%	2.97%	51.12

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
SOXQ	Invesco PHLX Semiconductor ETF	3.42%
SOXX	iShares Semiconductor ETF	3.36%
PTF	Invesco DWA Technology Momentum ETF	2.79%
PSI	Invesco Dynamic Semiconductors ETF	2.76%
QTEC	First Trust NASDAQ-100 Technology Sector Index ..	2.39%
XPH	SPDR S&P Pharmaceuticals ETF	2.34%
XSD	SPDR S&P Semiconductor ETF	1.98%
XNTK	SPDR NYSE Technology ETF	1.82%
JHMT	John Hancock Multifactor Technology ETF	1.69%
PEZ	Invesco DWA Consumer Cyclical Momentum ETF	1.61%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
XLY	Consumer Discretionary Select Sector SPDR Fund	83.34
XSD	SPDR S&P Semiconductor ETF	82.53
FDIS	Fidelity MSCI Consumer Discretionary Index ETF	79.40
VCR	Vanguard Consumer Discretionary ETF	79.06
PSI	Invesco Dynamic Semiconductors ETF	78.65
JHMT	John Hancock Multifactor Technology ETF	78.42
SOXX	iShares Semiconductor ETF	78.26
FTXR	First Trust Nasdaq Transportation ETF	78.19
IYC	iShares U.S. Consumer Discretionary ETF	78.18
PRN	Invesco DWA Industrials Momentum ETF	77.81

Sector & Industry 1 Day Performance Laggards

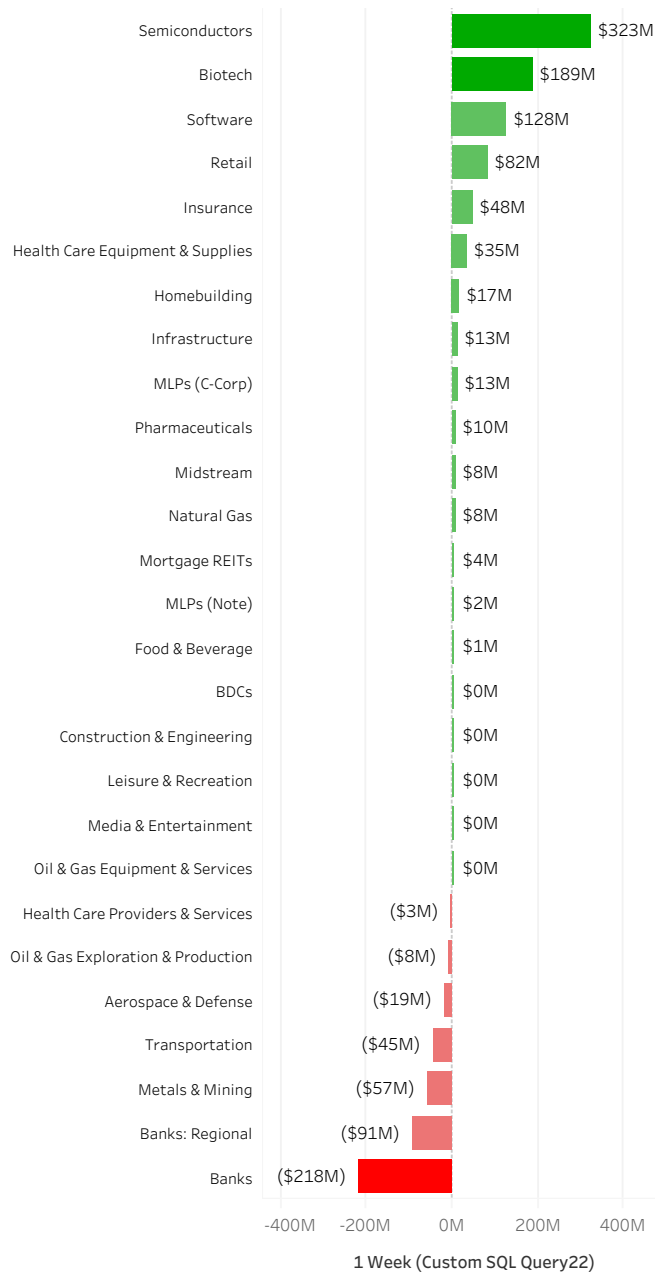
Ticker	Fund	1 Day Performance
KBWP	Invesco KBW Property & Casualty Insurance ETF	-1.95%
IAT	iShares U.S. Regional Banks ETF	-1.91%
FTXO	First Trust Nasdaq Bank ETF	-1.90%
IAI	iShares U.S. Broker-Dealers & Securities Exchanges ETF	-1.88%
KBWB	Invesco KBW Bank ETF	-1.87%
IBB	iShares Biotechnology ETF	-1.79%
KBWR	Invesco KBW Regional Banking ETF	-1.74%
KRE	SPDR S&P Regional Banking ETF	-1.61%
IAK	iShares U.S. Insurance ETF	-1.58%
KBE	SPDR S&P Bank ETF	-1.49%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
ITA	iShares U.S. Aerospace & Defense ETF	45.36
AMZA	InfraCap MLP ETF	46.81
FXU	First Trust Utilities AlphaDEX Fund	48.65
AMLPA	Alerian MLP ETF	48.78
MLPA	Global X MLP ETF	48.78
RYU	Invesco S&P 500 Equal Weight Utilities ETF	48.79
XES	SPDR S&P Oil & Gas Equipment & Services ETF	49.26
KBWP	Invesco KBW Property & Casualty Insurance ETF	49.63
XAR	SPDR S&P Aerospace & Defense ETF	49.81
KBWY	Invesco KBW Premium Yield Equity REIT ETF	49.82

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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	\$72M	\$1,200M	\$2,077M	\$2,531M
Consumer Discretionary	13	\$38B	\$220M	\$426M	(\$693M)	\$3,059M
Consumer Staples	12	\$21B	(\$24M)	(\$1,495M)	\$1,044M	(\$3,659M)
Energy	34	\$57B	(\$206M)	\$915M	\$324M	\$11,671M
Financials	28	\$88B	\$603M	\$6,421M	\$2,756M	\$25,260M
Health Care	26	\$93B	\$1,014M	\$839M	\$4,004M	\$3,289M
Industrial	14	\$36B	(\$145M)	(\$2,392M)	(\$4,534M)	\$2,859M
Materials	10	\$17B	\$456M	(\$1,028M)	(\$158M)	\$5,217M
Multi-Sector	17	\$26B	(\$12M)	\$980M	\$1,081M	\$3,867M
Real Estate	22	\$80B	\$692M	\$4,615M	\$7,607M	\$13,403M
Technology	24	\$153B	\$379M	\$4,584M	\$5,982M	\$5,595M
Utilities	10	\$20B	(\$21M)	(\$556M)	\$106M	(\$96M)

U.S. Sector & Industry Flow Leaders

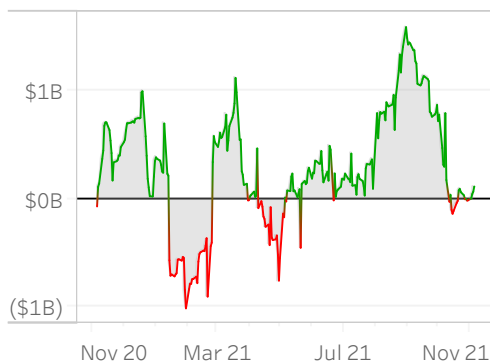
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	\$767M	(\$317M)	\$3,349M	\$2,729M	\$32,968M
XLF	Financial Select Sector SPDR Fund	\$709M	\$3,508M	\$423M	\$13,195M	\$46,350M
XLB	Materials Select Sector SPDR Fund	\$501M	(\$535M)	(\$314M)	\$2,524M	\$8,339M
VNQ	Vanguard Real Estate ETF	\$440M	\$1,196M	\$3,374M	\$6,327M	\$46,761M
XBI	SPDR S&P BIOTECH ETF	\$327M	\$577M	\$645M	\$906M	\$7,986M
SOXX	iShares Semiconductor ETF	\$219M	\$440M	\$795M	\$2,204M	\$8,402M
IGV	iShares Expanded Tech-Software Sector ETF	\$131M	\$1,237M	\$453M	(\$384M)	\$6,704M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$115M	\$817M	(\$438M)	\$650M	\$23,350M
IYR	iShares U.S. Real Estate ETF	\$99M	\$1,720M	\$760M	\$1,759M	\$7,415M
XSD	SPDR S&P Semiconductor ETF	\$98M	\$164M	\$130M	\$297M	\$1,385M

U.S. Sector & Industry Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	(\$364M)	\$843M	\$664M	\$7,871M	\$27,454M
IBB	iShares Biotechnology ETF	(\$137M)	(\$321M)	(\$446M)	(\$1,002M)	\$10,531M
KBE	SPDR S&P Bank ETF	(\$133M)	\$61M	(\$857M)	\$334M	\$3,479M
XLI	Industrial Select Sector SPDR Fund	(\$115M)	(\$1,846M)	(\$3,465M)	\$536M	\$17,792M
KRE	SPDR S&P Regional Banking ETF	(\$88M)	\$992M	(\$42M)	\$2,956M	\$5,689M
KBWB	Invesco KBW Bank ETF	(\$87M)	\$690M	\$494M	\$1,701M	\$3,551M
ITB	iShares U.S. Home Construction ETF	(\$62M)	\$184M	(\$91M)	(\$147M)	\$2,734M
IYW	iShares U.S. Technology ETF	(\$61M)	\$289M	\$616M	\$431M	\$9,298M
XME	SPDR S&P Metals & Mining ETF	(\$57M)	(\$99M)	(\$286M)	\$720M	\$1,858M
FXD	First Trust Consumer Discretionary AlphaDEX F..	(\$35M)	(\$49M)	\$59M	\$329M	\$2,001M

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Communication Services



Consumer Discretionary



Consumer Staples



Energy



Financials



Industrial



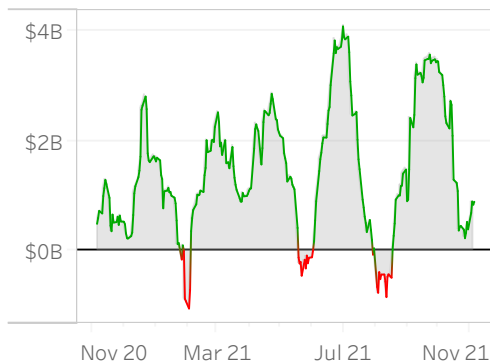
Health Care



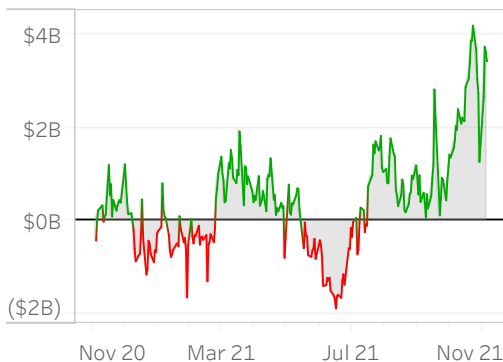
Materials



Real Estate



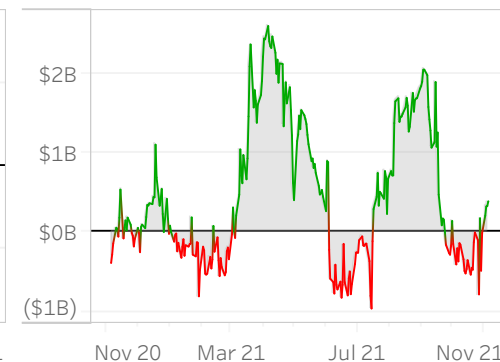
Technology



Utilities

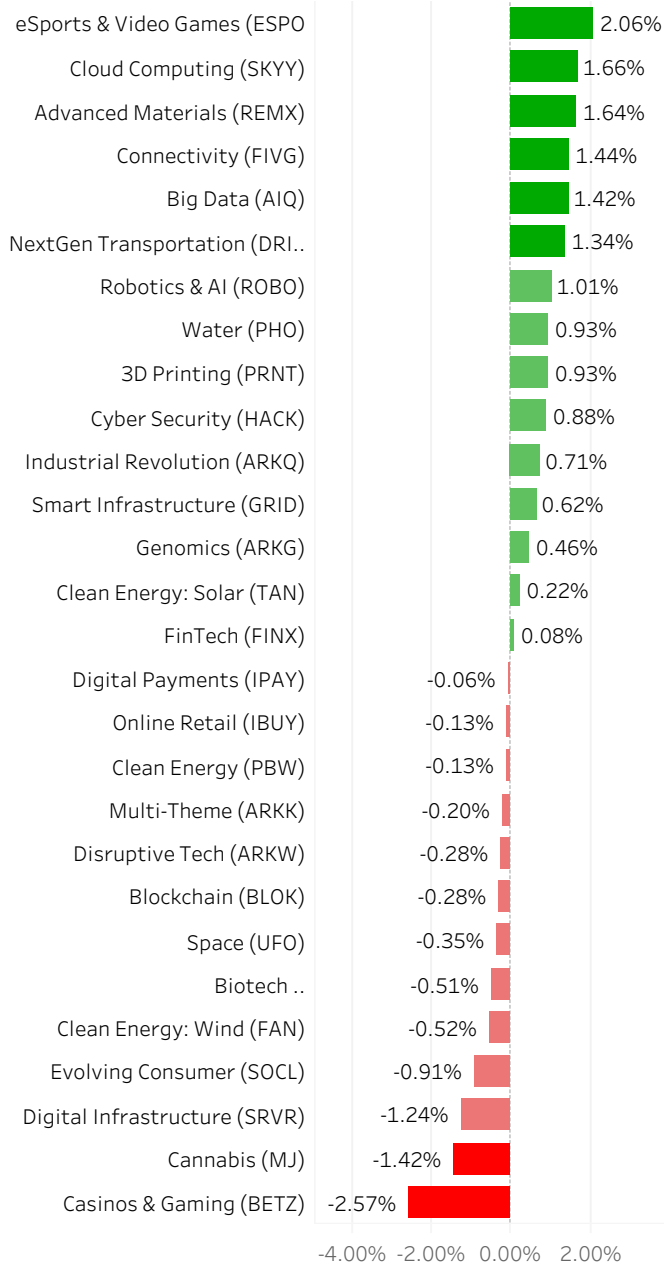


Multi-Sector

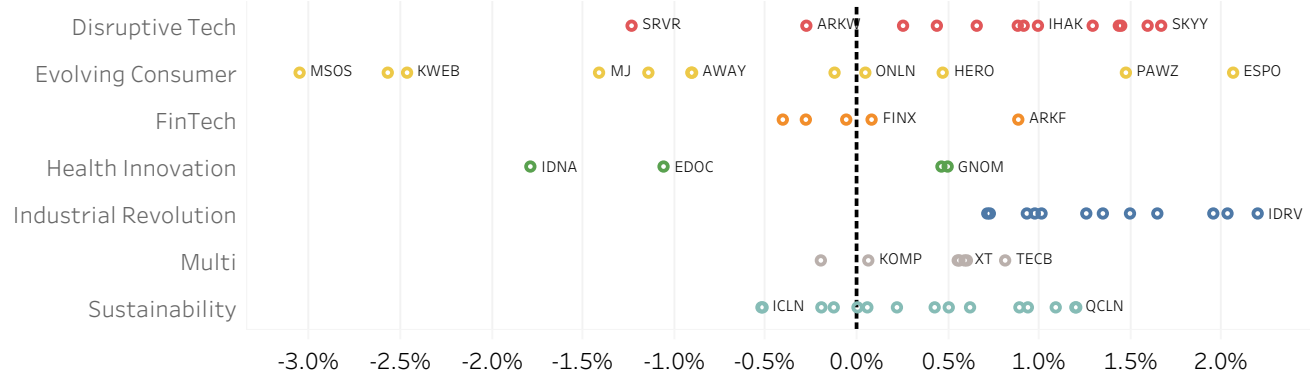


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
KGRN	KraneShares MSCI China Clean Technology Index ETF	2.57%
IDRV	iShares Self-driving EV & Tech ETF	2.19%
ESPO	VanEck Video Gaming and eSports ETF	2.06%
BOTZ	Global X Robotics & Artificial Intelligence ETF	2.03%
LIT	Global X Lithium & Battery Tech ETF	1.95%
QTUM	Defiance Quantum ETF	1.95%
SKYY	First Trust Cloud Computing ETF	1.66%
REMX	VanEck Rare Earth/Strategic Metals ETF	1.64%
BUG	Global X Cybersecurity ETF	1.59%
BATT	Amplify Lithium & Battery Technology ETF	1.51%

Thematic Most Overbought

Ticker	Fund	Value
IDRV	iShares Self-driving EV & Tech ETF	83.56
DRIV	Global X Autonomous & Electric Vehicles ETF	80.36
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	80.01
QTUM	Defiance Quantum ETF	78.94
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	78.38
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	78.06
ROBO	ROBO Global Robotics & Automation Index ETF	77.19
FIVG	Defiance Next Gen Connectivity ETF	77.15
SNSR	Global X Internet of Things ETF	75.18
BITQ	Bitwise Crypto Industry Innovators ETF	75.00

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
MSOS	AdvisorShares Pure US Cannabis ETF	-3.06%
BETZ	Roundhill Sports Betting & iGaming ETF	-2.57%
KWEB	KraneShares CSI China Internet ETF	-2.47%
BJK	VanEck Gaming ETF	-2.36%
GERM	ETFMG Treatments Testing and Advancements ETF	-1.97%
IDNA	iShares Genomics Immunology and Healthcare ETF Geno..	-1.79%
CNBS	Amplify Seymour Cannabis ETF	-1.77%
MJ	ETFMG Alternative Harvest ETF	-1.42%
POTX	Global X Cannabis ETF	-1.38%
KEMQ	KraneShares Emerging Markets Consumer Technology I..	-1.30%

Thematic Most Oversold

Ticker	Fund	Value
MSOS	AdvisorShares Pure US Cannabis ETF	27.35
CNBS	Amplify Seymour Cannabis ETF	33.84
IPAY	ETFMG Prime Mobile Payments ETF	35.12
YOLO	AdvisorShares Pure Cannabis ETF	35.90
BJK	VanEck Gaming ETF	41.43
BETZ	Roundhill Sports Betting & iGaming ETF	41.44
THCX	Cannabis ETF	42.79
POTX	Global X Cannabis ETF	43.03
AWAY	ETFMG Travel Tech ETF	43.16
KWEB	KraneShares CSI China Internet ETF	43.55

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Thematic 1 Week Flow Leaders

Ticker	Fund	
TAN	Invesco Solar ETF	\$189M
ICLN	iShares Global Clean Energy ETF	\$89M
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	\$79M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$70M
META	Roundhill Ball Metaverse ETF	\$69M
KWEB	KraneShares CSI China Internet ETF	\$44M
BUG	Global X Cybersecurity ETF	\$25M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$20M
IDRV	iShares Self-driving EV & Tech ETF	\$16M
WCLD	WisdomTree Cloud Computing Fund	\$14M

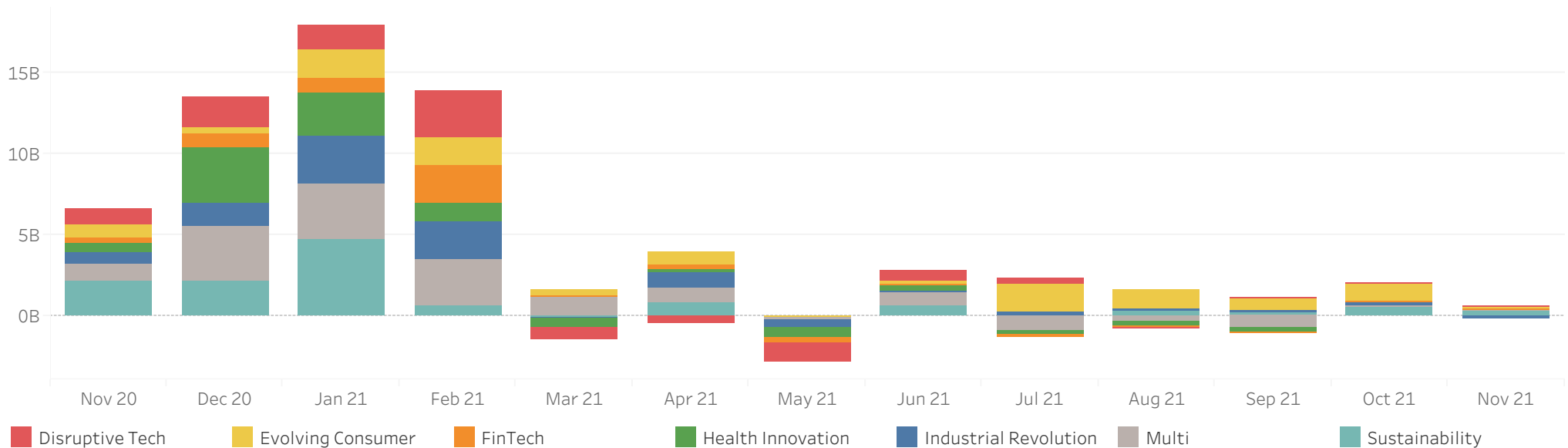
Thematic 1 Week Flow Laggards

Ticker	Fund	
LIT	Global X Lithium & Battery Tech ETF	(\$187M)
BLOK	Amplify Transformational Data Sharing ETF	(\$138M)
FIVG	Defiance Next Gen Connectivity ETF	(\$25M)
ARKW	ARK Next Generation Internet ETF	(\$24M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$22M)
ONLN	ProShares Online Retail ETF	(\$21M)
HERO	Global X Video Games & Esports ETF	(\$20M)
PHO	Invesco Water Resources ETF	(\$19M)
ARKK	ARK Innovation ETF	(\$15M)
ARKX	ARK Space Exploration & Innovation ETF	(\$9M)

Thematic Landscape Assets & Flows

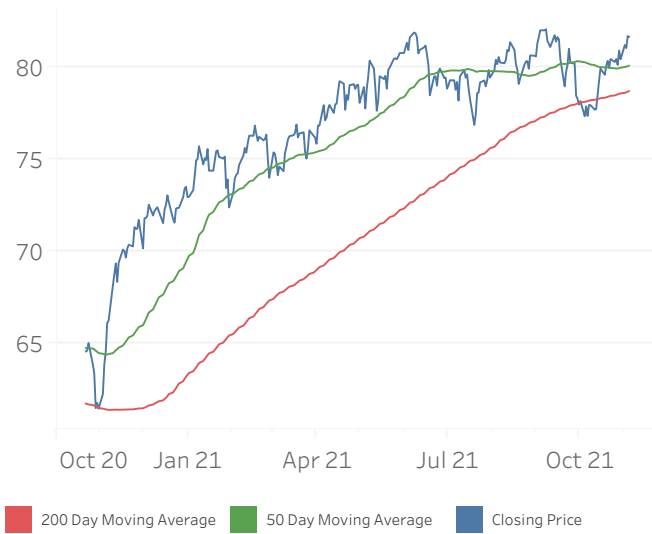
Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	36	\$31B	\$116M	\$177M	\$360M	\$6,051M
Evolving Consumer	40	\$18B	\$21M	\$2,993M	\$4,939M	\$10,748M
FinTech	16	\$8B	\$44M	(\$13M)	(\$420M)	\$4,487M
Health Innovation	15	\$10B	\$34M	(\$475M)	(\$835M)	\$6,475M
Industrial Revolution	24	\$19B	(\$119M)	\$411M	\$289M	\$8,254M
Multi	28	\$31B	\$154M	(\$584M)	(\$587M)	\$11,813M
Sustainability	36	\$26B	\$268M	\$1,240M	\$1,971M	\$12,590M
Grand Total	195	\$143B	\$518M	\$3,749M	\$5,717M	\$60,417M

Thematic Monthly Flows

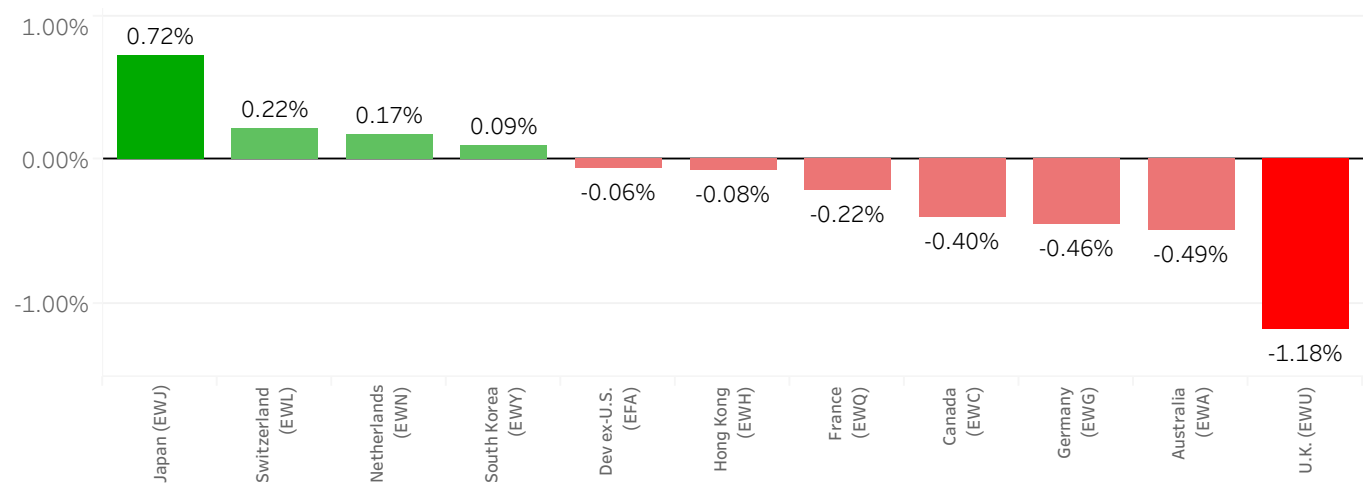


*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

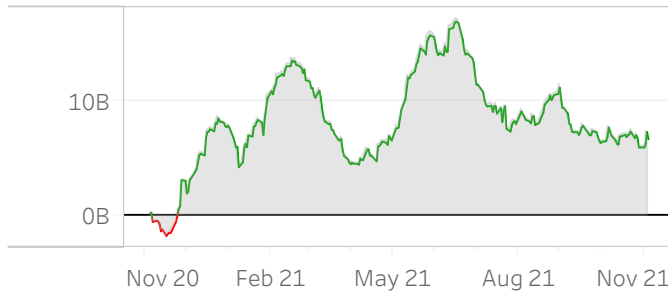
Developed ex-U.S. (EFA)



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



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



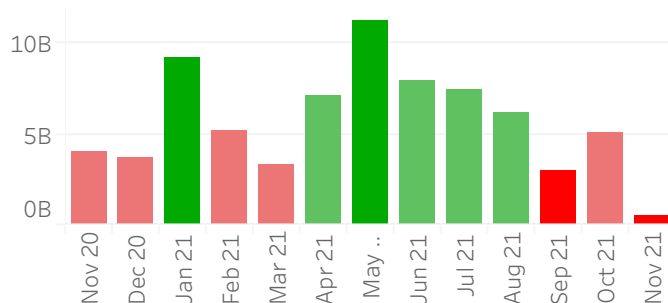
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	Performance
EIS	iShares MSCI Israel ETF	1.15%
ISRA	VanEck Israel ETF	0.75%
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	0.72%
FLJP	Franklin FTSE Japan ETF	0.72%
EWJ	iShares MSCI Japan ETF	0.72%
BBJP	JPMorgan BetaBuilders Japan ETF	0.70%
JPXN	iShares JPX-Nikkei 400 ETF	0.67%
HSCZ	iShares Currency Hedged MSCI EAFE Small-Cap ETF	0.65%
PTEU	Pacer Trendpilot European Index ETF	0.62%
SCJ	iShares MSCI Japan Small-Cap ETF	0.55%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EIS	iShares MSCI Israel ETF	77.17
TOK	iShares MSCI Kokusai ETF	74.22
HEDJ	WisdomTree Europe Hedged Equity Fund	74.17
EUSC	WisdomTree Europe Hedged SmallCap Equity Fund	73.88
HEZU	iShares Currency Hedged MSCI Eurozone ETF	73.38
EWL	iShares MSCI Switzerland ETF	73.37
DBEU	Xtrackers MSCI Europe Hedged Equity ETF	73.23
HEFA	iShares Currency Hedged MSCI EAFE ETF	71.18
HEWG	iShares Currency Hedged MSCI Germany ETF	70.36
IDHQ	Invesco S&P International Developed High Quality ETF	70.23

Developed ex-U.S. Monthly Flows



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

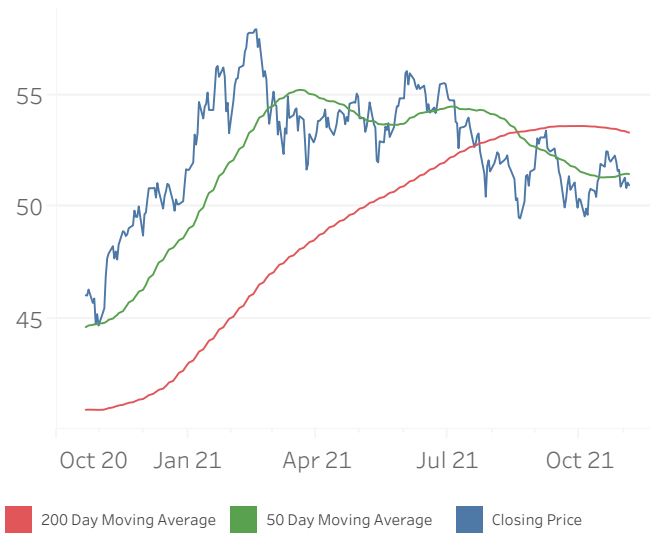
Ticker	Fund	Performance
GREK	Global X MSCI Greece ETF	-1.68%
EIRL	iShares MSCI Ireland ETF	-1.22%
EWU	iShares MSCI United Kingdom ETF	-1.18%
FLGB	Franklin FTSE United Kingdom ETF	-1.17%
ENZL	iShares MSCI New Zealand ETF	-1.16%
EWP	iShares MSCI Spain ETF	-1.13%
IDOG	ALPS International Sector Dividend Dogs ETF	-0.95%
FEUZ	First Trust Eurozone AlphaDEX ETF	-0.70%
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	-0.64%
IDV	iShares International Select Dividend ETF	-0.61%

Developed ex-U.S. Most Oversold

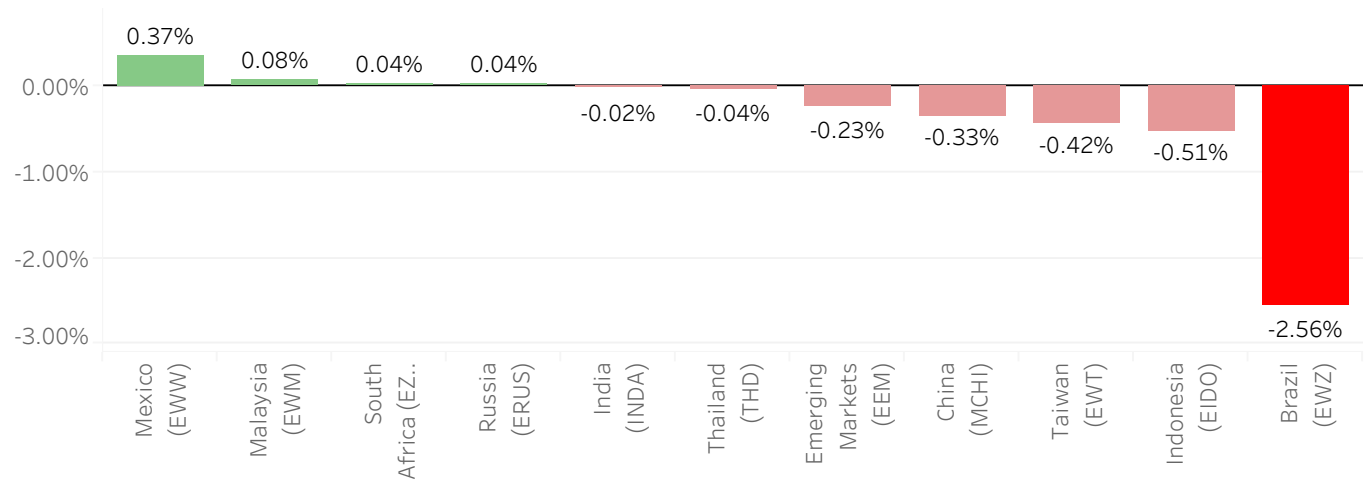
Ticker	Fund	Value
IDV	iShares International Select Dividend ETF	44.76
EWUS	iShares MSCI United Kingdom Small Cap ETF	45.07
EIRL	iShares MSCI Ireland ETF	45.12
EWY	iShares MSCI South Korea ETF	45.23
FKU	First Trust United Kingdom AlphaDEX Fund	45.57
EWK	iShares MSCI Hong Kong ETF	45.73
FLKR	Franklin FTSE South Korea ETF	45.91
AAXJ	iShares MSCI All Country Asia ex Japan ETF	46.62
ENZL	iShares MSCI New Zealand ETF	46.89
FLGB	Franklin FTSE United Kingdom ETF	47.21

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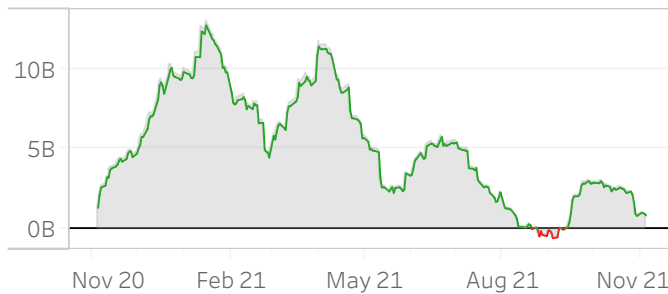
Emerging (EEM)



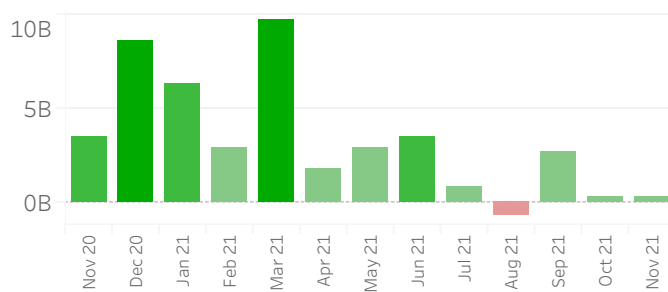
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
ECH	iShares MSCI Chile ETF	3.59%
TUR	iShares MSCI Turkey ETF	1.10%
EPOL	iShares MSCI Poland ETF	1.08%
FRDM	Freedom 100 Emerging Markets ETF	0.81%
LDEM	iShares ESG MSCI EM Leaders ETF	0.76%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	0.62%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	0.42%
PIN	Invesco India ETF	0.40%
KBA	KraneShares Bosera MSCI China A Share ETF	0.39%
KSA	iShares MSCI Saudi Arabia ETF	0.37%

Emerging Most Overbought

Ticker	Fund	Value
FM	iShares MSCI Frontier and Select EM ETF	71.91
ECH	iShares MSCI Chile ETF	65.05
VNM	VanEck Vietnam ETF	62.63
QAT	iShares MSCI Qatar ETF	62.63
TUR	iShares MSCI Turkey ETF	60.22
EPOL	iShares MSCI Poland ETF	57.19
EPHE	iShares MSCI Philippines ETF	57.05
EWT	iShares MSCI Taiwan ETF	56.37
FRDM	Freedom 100 Emerging Markets ETF	55.50
SMIN	iShares MSCI India Small Cap ETF	54.78

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
FLBR	Franklin FTSE Brazil ETF	-2.96%
EWZ	iShares MSCI Brazil ETF	-2.56%
EWZS	iShares MSCI Brazil Small-Cap ETF	-2.34%
EPU	iShares MSCI Peru ETF	-1.73%
ILF	iShares Latin America 40 ETF	-1.62%
PGJ	Invesco Golden Dragon China ETF	-1.35%
FNI	First Trust Chindia ETF	-0.93%
DVYE	iShares Emerging Markets Dividend ETF	-0.87%
DEM	WisdomTree Emerging Markets High Dividend Fund	-0.67%
PXH	Invesco FTSE RAFI Emerging Markets ETF	-0.67%

Emerging Most Oversold

Ticker	Fund	Value
DEM	WisdomTree Emerging Markets High Dividend Fund	34.86
SDEM	Global X MSCI SuperDividend Emerging Markets ETF	34.97
ILF	iShares Latin America 40 ETF	36.24
EWZ	iShares MSCI Brazil ETF	37.01
FLBR	Franklin FTSE Brazil ETF	37.73
EWM	iShares MSCI Malaysia ETF	37.89
FEM	First Trust Emerging Markets AlphaDEX Fund	39.48
FEMS	First Trust Emerging Markets Small Cap AlphaDEX F..	40.48
EWZS	iShares MSCI Brazil Small-Cap ETF	40.78
DGS	WisdomTree Emerging Markets SmallCap Dividend F..	41.45

* 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	0.33%	0.03%	-1.42%
SHY	1-3 Year Treasury Bonds	0.09%	-0.21%	-0.32%
IEF	7-10 Year Treasury Bonds	0.54%	-0.27%	-3.42%
TLT	20+ Year Treasury Bonds	1.05%	1.59%	-5.52%
TIP	TIPS Bonds	0.66%	1.21%	4.89%
FLOT	Floating Rate Bonds	0.02%	0.05%	0.48%
LQD	Investment Grade Corporate	0.53%	0.44%	-1.23%
HYG	High Yield Corporate	0.26%	0.40%	3.24%
BKLN	Senior Loan	0.00%	0.30%	1.93%
PFF	Preferred & Income Securities	0.33%	3.04%	6.37%
MUB	Municipal Bonds	0.15%	0.17%	0.49%
MBB	MBS	0.07%	-0.40%	-1.01%
EMB	Dollar Denominated EM Bonds	0.72%	1.09%	-2.06%
LEMB	Local Currency EM Bond	0.05%	-1.34%	-7.54%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-1.03%	-0.13%	36.12%
DBE	Energy	-0.73%	0.51%	63.28%
USO	WTI Crude Oil	-0.76%	0.79%	66.37%
BNO	Brent Crude Oil	-0.70%	0.00%	66.38%
UNG	Natural Gas	-2.11%	-6.67%	106.85%
UGA	Gasoline	-1.51%	1.80%	69.52%
DBP	Precious Metals	1.15%	2.15%	-7.95%
GLD	Gold	1.13%	1.38%	-6.00%
SLV	Silver	0.87%	4.86%	-10.46%
PPLT	Platinum	-0.15%	6.45%	-4.77%
PALL	Palladium	0.26%	5.08%	-18.73%
DBB	Base Metals	-2.55%	-2.46%	19.52%
CPER	Copper	-1.12%	1.93%	21.34%
LD	Lead	-1.51%	11.72%	20.49%
JJN	Nickel	-1.02%	6.88%	14.04%
JJU	Aluminum	-4.45%	-12.56%	26.73%
JJT	Tin	-0.48%	7.94%	108.49%
DBA	Agriculture	-0.31%	0.05%	20.01%
CORN	Corn	-0.71%	2.44%	34.92%
SOYB	Soybeans	-1.52%	-1.61%	9.76%
WEAT	Wheat	-1.18%	2.86%	21.97%
CANE	Sugar	1.06%	1.81%	41.33%
BAL	Cotton	-1.95%	11.01%	42.69%
NIB	Cocoa	0.32%	-13.13%	-8.98%
JO	Coffee	-1.03%	2.99%	53.70%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.52%	0.48%	4.37%
UDN	Short Dollar	-0.58%	-0.68%	-5.47%
FXE	Euro	-0.36%	-0.64%	-6.22%
FXB	British Pound Sterling	-1.26%	-0.85%	-1.60%
FXF	Swiss Franc	-0.10%	1.17%	-3.95%
FXJ	Japanese Yen	0.30%	-2.46%	-9.65%
FXC	Canadian Dollar	-0.64%	0.96%	1.82%
FXA	Australian Dollar	-0.70%	1.53%	-4.31%

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Contact us at:

team@etfaction.com

www.etfaction.com