

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

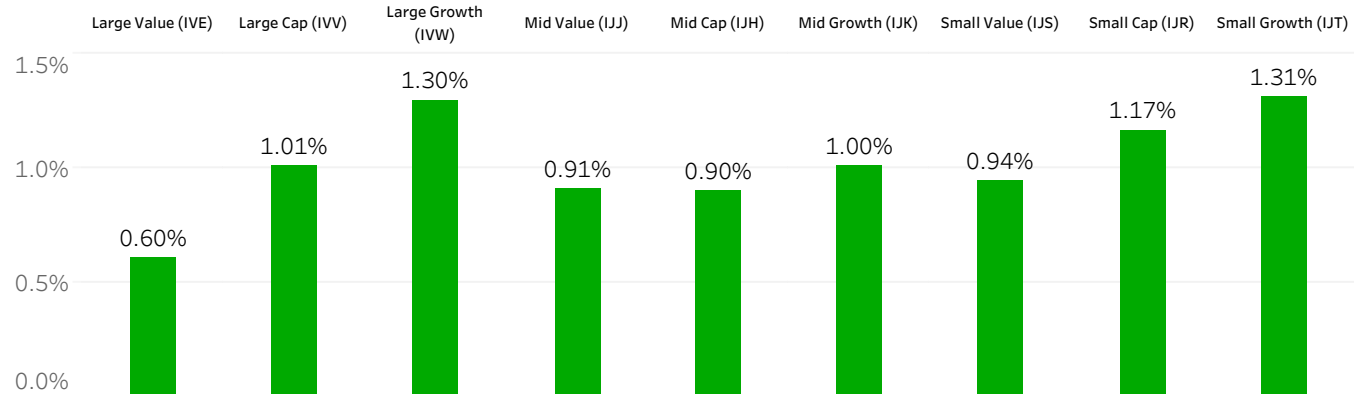


Small Cap Blend (S&P 600) IJR



■ 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
ISMD	Inspire Small/Mid Cap Impact ETF	2.89%
LGH	HCM Defender 500 Index ETF	1.92%
FFTY	Innovator IBD 50 ETF	1.90%
JSML	Janus Henderson Small Cap Growth Alpha ETF	1.80%
QQH	HCM Defender 100 Index ETF	1.70%
RZG	Invesco S&P Smallcap 600 Pure Growth ETF	1.52%
PWB	Invesco Dynamic Large Cap Growth ETF	1.47%
CATH	Global X S&P 500 Catholic Values Custom ETF	1.44%
IUSG	iShares Core S&P U.S. Growth ETF	1.44%
DWAS	Invesco DWA SmallCap Momentum ETF	1.43%

Size & Style Most Overbought

Ticker	Fund	Value
FDL	First Trust Morningstar Dividend Leaders Index Fund	70.05
ONOF	Global X Adaptive U.S. Risk Management ETF	64.90
LVHD	Legg Mason Low Volatility High Dividend ETF	64.05
SPLV	Invesco S&P 500 Low Volatility ETF	63.70
HUSV	First Trust Horizon Managed Volatility Domestic ETF	62.76
OUSA	OShares U.S. Quality Dividend ETF	61.71
DHS	WisdomTree U.S. High Dividend Fund	61.68
VFMV	Vanguard U.S. Minimum Volatility ETF	61.16
DURA	VanEck Morningstar Durable Dividend ETF	61.05
SIXL	ETC 6 Meridian Low Beta Equity ETF	60.78

Size & Style 1-Day Performance Laggards

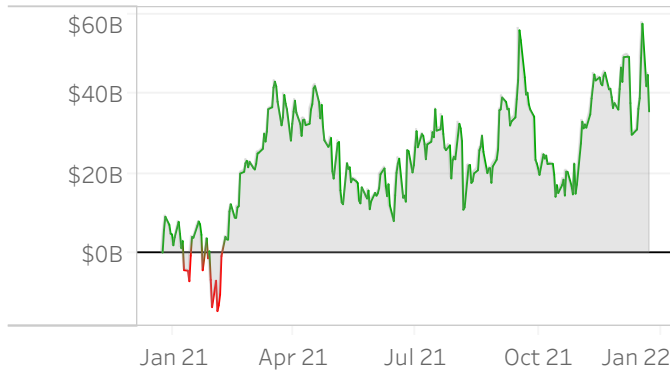
Ticker	Fund	1-Day Performance
BUZZ	VanEck Social Sentiment ETF	-0.21%
QQQN	VictoryShares Nasdaq Next 50 ETF	-0.06%
IPO	Renaissance IPO ETF	0.10%
MXDU	Nationwide Maximum Diversification US Core Equity ETF	0.15%
SDOG	ALPS Sector Dividend Dogs ETF	0.25%
RDIV	Invesco S&P Ultra Dividend Revenue ETF	0.32%
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	0.37%
MOAT	VanEck Morningstar Wide Moat ETF	0.40%
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	0.41%
QQQJ	Invesco NASDAQ Next Gen 100 ETF	0.42%

Size & Style Most Oversold

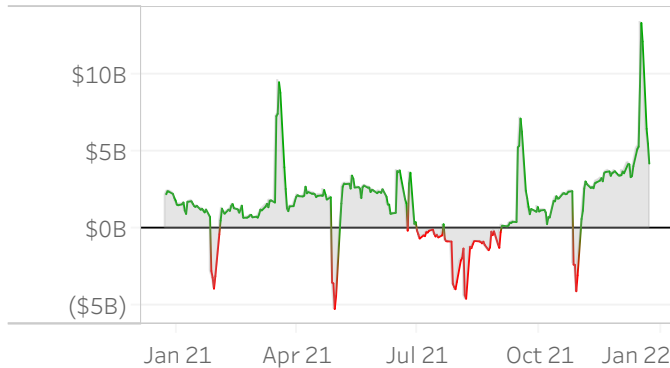
Ticker	Fund	Value
SQEW	LeaderShares Equity Skew ETF	29.08
NUMG	Nuveen ESG Mid-Cap Growth ETF	32.66
BIBL	Inspire 100 ETF	32.86
NUMV	Nuveen ESG Mid-Cap Value ETF	37.62
LSAT	Leadershares Alphafactor Tactical Focused ETF	37.67
NUSC	Nuveen ESG Small-Cap ETF	37.95
NULV	Nuveen ESG Large-Cap Value ETF	41.64
NULG	Nuveen ESG Large-Cap Growth ETF	42.10
ISMD	Inspire Small/Mid Cap Impact ETF	42.84
DYNF	BlackRock U.S. Equity Factor Rotation ETF	43.11

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

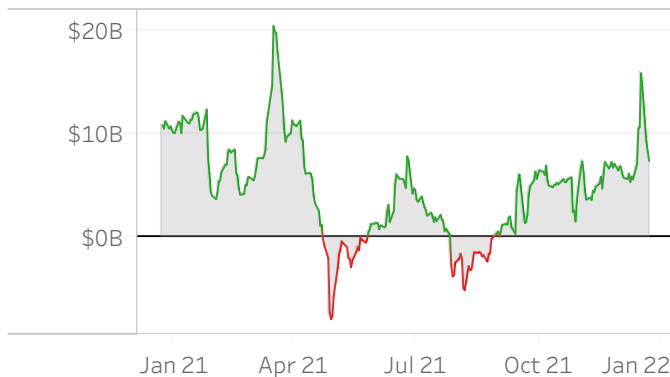
Large-Cap 30-Day Rolling Flows



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	\$1,381B	\$8.28B	\$46.93B	\$98.65B	\$136.63B
Small Cap, Beta, Beta: Growth	7	\$39B	(\$1.41B)	\$0.83B	\$1.42B	\$1.78B
Small Cap, Beta, Beta	12	\$223B	(\$1.59B)	\$9.74B	\$11.61B	\$22.78B
Mid Cap, Beta, Beta: Growth	6	\$41B	(\$1.79B)	\$0.82B	\$0.92B	(\$1.74B)
Mid Cap, Beta, Beta: Value	6	\$42B	(\$2.41B)	\$0.62B	(\$0.26B)	\$3.82B
Small Cap, Beta, Beta: Value	7	\$57B	(\$3.03B)	\$0.81B	(\$0.53B)	\$6.92B
Mid Cap, Beta, Beta	10	\$194B	(\$4.69B)	\$5.54B	\$6.22B	\$11.78B
Large Cap, Beta Growth, Beta: Value	11	\$211B	(\$5.28B)	\$6.73B	\$9.24B	\$29.96B
Large Cap, Beta Growth, Beta: Growth	10	\$275B	(\$6.39B)	\$3.73B	\$11.49B	\$8.00B

U.S. Size & Style Flow Leaders

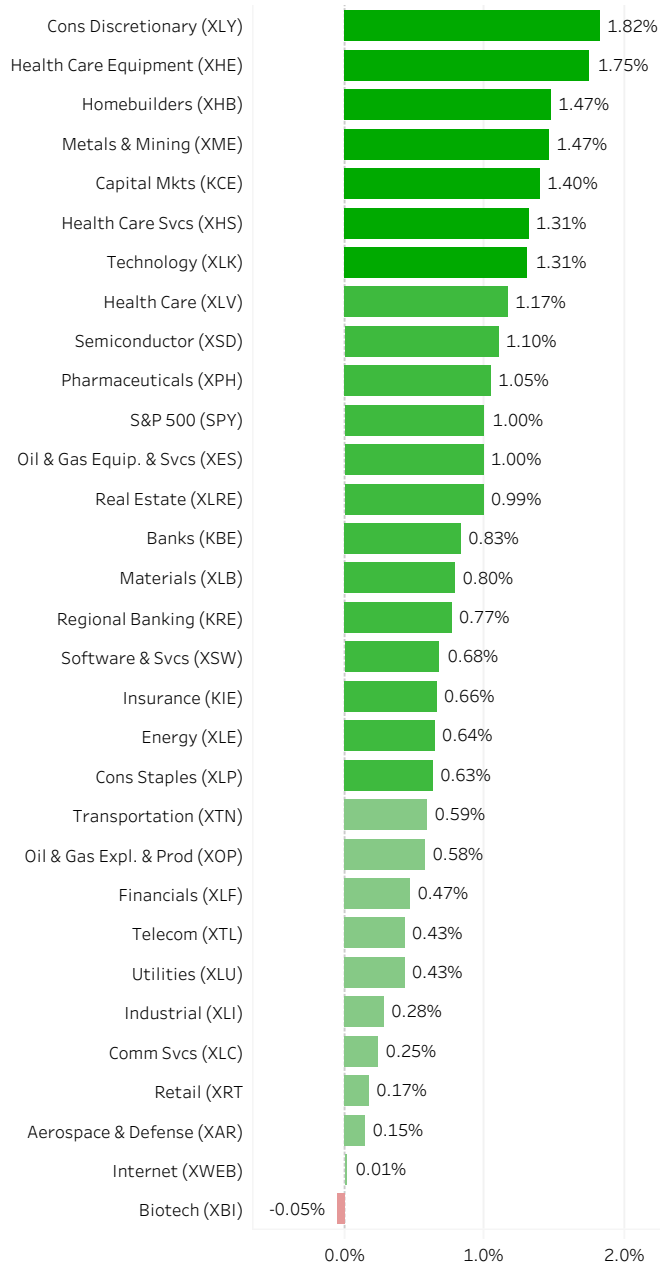
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$5.07B	\$20.04B	\$37.39B	\$29.47B	\$438.06B
QQQ	Invesco QQQ Trust	\$1.15B	\$7.99B	\$18.27B	\$19.86B	\$209.23B
VOO	Vanguard S&P 500 ETF	\$1.14B	\$4.60B	\$19.57B	\$46.24B	\$271.23B
IVV	iShares Core S&P 500 ETF	\$1.02B	\$10.06B	\$14.57B	\$25.72B	\$324.29B
IWM	iShares Russell 2000 ETF	\$0.98B	\$2.88B	\$2.56B	\$3.95B	\$68.83B
IWB	iShares Russell 1000 ETF	\$0.49B	\$0.00B	(\$0.03B)	\$0.11B	\$31.70B
DIA	SPDR Dow Jones Industrial Average ETF Trust	\$0.32B	(\$0.44B)	(\$1.24B)	\$0.78B	\$29.46B
VIG	Vanguard Dividend Appreciation ETF	\$0.23B	\$1.71B	\$3.16B	\$4.38B	\$67.56B
IWO	iShares Russell 2000 Growth ETF	\$0.20B	\$0.54B	\$0.77B	\$0.28B	\$12.10B
ITOT	iShares Core S&P Total U.S. Stock Market ETF	\$0.20B	\$1.47B	\$3.07B	\$5.94B	\$45.45B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
IVW	iShares S&P 500 Growth ETF	(\$2.90B)	\$0.71B	\$1.11B	(\$1.30B)	\$39.49B
VO	Vanguard Mid-Cap ETF	(\$2.73B)	\$2.46B	\$4.00B	\$6.27B	\$56.36B
SPYV	SPDR Portfolio S&P 500 Value ETF	(\$2.72B)	(\$0.21B)	\$0.01B	\$3.30B	\$12.57B
VB	Vanguard Small-Cap ETF	(\$1.96B)	\$1.76B	\$2.96B	\$6.55B	\$49.00B
VTI	Vanguard Total Stock Market ETF	(\$1.91B)	\$13.10B	\$24.25B	\$44.33B	\$292.12B
SPYG	SPDR Portfolio S&P 500 Growth ETF	(\$1.78B)	\$0.66B	\$2.83B	\$3.36B	\$15.85B
IVE	iShares S&P 500 Value ETF	(\$1.71B)	\$0.43B	\$0.23B	\$1.07B	\$23.29B
IJJ	iShares S&P Mid-Cap 400 Value ETF	(\$1.43B)	(\$0.26B)	(\$0.31B)	\$1.51B	\$8.57B
IJH	iShares Core S&P Mid-Cap ETF	(\$1.29B)	\$1.53B	\$1.57B	\$1.96B	\$65.89B
VXF	Vanguard Extended Market ETF	(\$1.23B)	\$0.48B	\$0.68B	\$2.83B	\$17.36B

* 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)
XLV	Health Care Select Sector SPDR Fund	-0.12%	25.21%	4.30%	8.26%	67.16
XLRE	Real Estate Select Sector SPDR Fund	-0.30%	42.81%	3.61%	10.48%	58.95
SPY	SPDR S&P 500 ETF Trust	-0.65%	26.38%	1.29%	7.32%	53.90
XLK	Technology Select Sector SPDR Fund	-1.66%	36.68%	3.56%	13.69%	55.02
XLP	Consumer Staples Select Sector SPDR Fund	-1.87%	18.61%	3.53%	5.88%	60.60
XLU	Utilities Select Sector SPDR Fund	-1.90%	19.48%	3.18%	5.21%	58.16
XLB	Materials Select Sector SPDR Fund	-2.96%	23.77%	0.56%	3.95%	51.39
XLI	Industrial Select Sector SPDR Fund	-4.12%	21.16%	-1.67%	0.04%	46.14
XLF	Financial Select Sector SPDR Fund	-4.92%	33.40%	-2.21%	2.89%	47.35
XLY	Consumer Discretionary Select Sector SPDR Fund	-5.21%	28.61%	-0.72%	9.23%	49.22
XLE	Energy Select Sector SPDR Fund	-7.22%	39.55%	-3.47%	4.66%	45.92
XLC	Communication Services Select Sector SPDR Fund	-10.03%	18.96%	-1.85%	-2.81%	50.29

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PTH	Invesco DWA Healthcare Momentum ETF	2.09%
ITB	iShares U.S. Home Construction ETF	2.02%
PSCH	Invesco S&P SmallCap Health Care ETF	1.84%
XLY	Consumer Discretionary Select Sector SPDR Fund	1.82%
XHE	SPDR S&P Health Care Equipment ETF	1.75%
IHI	iShares U.S. Medical Devices ETF	1.75%
PKB	Invesco Dynamic Building & Construction ETF	1.74%
FDIS	Fidelity MSCI Consumer Discretionary Index ETF	1.74%
PFI	Invesco DWA Financial Momentum ETF	1.62%
VCR	Vanguard Consumer Discretionary ETF	1.54%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
JHMH	John Hancock Multifactor Healthcare ETF	68.17
IYH	iShares U.S. Healthcare ETF	67.66
XLV	Health Care Select Sector SPDR Fund	67.16
IHE	iShares U.S. Pharmaceuticals ETF	66.85
VHT	Vanguard Health Care ETF	66.66
IHF	iShares U.S. Healthcare Providers ETF	66.25
FHLC	Fidelity MSCI Health Care Index ETF	65.88
INDS	Pacer Benchmark Industrial Real Estate SCTR ETF	65.55
RYH	Invesco S&P 500 Equal Weight Health Care ETF	65.25
IYK	iShares U.S. Consumer Staples ETF	65.17

Sector & Industry 1 Day Performance Laggards

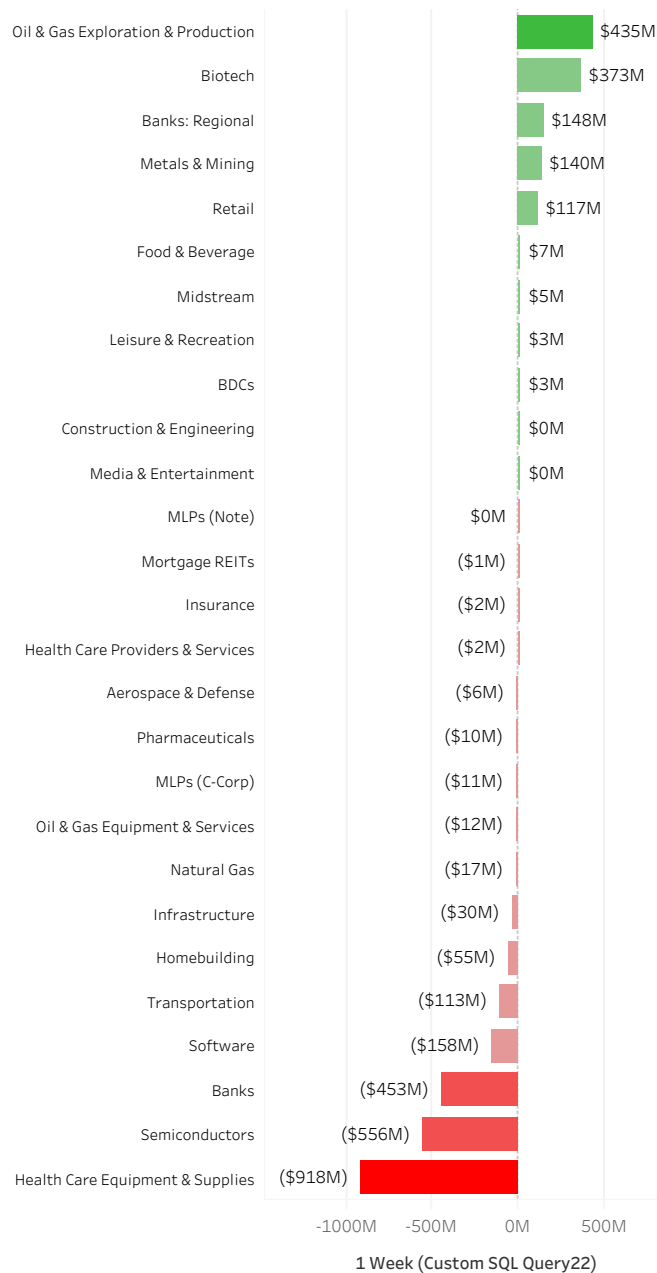
Ticker	Fund	1 Day Performance
IBB	iShares Biotechnology ETF	-0.12%
XBI	SPDR S&P BIOTECH ETF	-0.05%
KBWP	Invesco KBW Property & Casualty Insurance ETF	-0.03%
XAR	SPDR S&P Aerospace & Defense ETF	0.15%
ENFR	Alerian Energy Infrastructure ETF	0.15%
XRT	SPDR S&P Retail ETF	0.17%
MLPX	Global X MLP & Energy Infrastructure ETF	0.17%
FXG	First Trust Consumer Staples AlphaDEX Fund	0.23%
XLC	Communication Services Select Sector SPDR Fund	0.25%
XLI	Industrial Select Sector SPDR Fund	0.28%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
PSJ	Invesco Dynamic Software ETF	37.73
XRT	SPDR S&P Retail ETF	38.31
ENFR	Alerian Energy Infrastructure ETF	40.27
AMLX	Alerian MLP ETF	40.86
MLPX	Global X MLP & Energy Infrastructure ETF	41.50
PNQI	Invesco NASDAQ Internet ETF	41.70
AMZA	InfraCap MLP ETF	41.75
PEZ	Invesco DWA Consumer Cyclical Momentum ETF	41.95
KBWD	Invesco KBW High Dividend Yield Financial ETF	42.52
REM	iShares Mortgage Real Estate ETF	42.68

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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	\$20B	(\$596M)	(\$651M)	\$1,230M	\$1,077M
Consumer Discretionary	13	\$37B	(\$1,243M)	\$1,709M	\$1,835M	\$2,591M
Consumer Staples	12	\$22B	\$513M	\$879M	\$877M	(\$1,377M)
Energy	34	\$53B	\$590M	\$2,114M	\$142M	\$9,825M
Financials	28	\$80B	(\$964M)	\$2,937M	\$36M	\$19,347M
Health Care	26	\$93B	\$616M	\$2,182M	\$7,263M	\$5,477M
Industrial	14	\$34B	(\$171M)	(\$570M)	(\$3,930M)	\$7M
Materials	10	\$16B	\$162M	(\$545M)	(\$2,802M)	\$3,539M
Multi-Sector	17	\$26B	(\$672M)	\$1,535M	\$1,907M	\$4,540M
Real Estate	22	\$82B	(\$14M)	\$1,705M	\$4,967M	\$12,086M
Technology	24	\$157B	(\$2,498M)	\$4,665M	\$7,577M	\$6,593M
Utilities	10	\$21B	\$60M	(\$196M)	\$801M	(\$112M)

U.S. Sector & Industry Flow Leaders

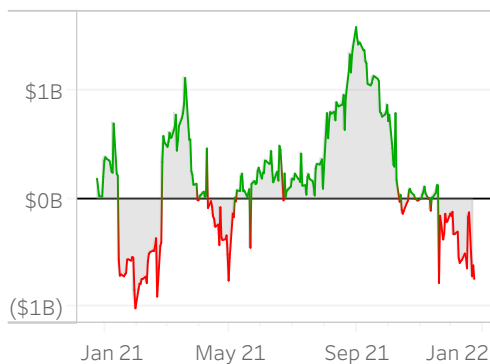
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLV	Health Care Select Sector SPDR Fund	\$1,167M	\$1,287M	\$4,526M	\$4,255M	\$35,054M
XLP	Consumer Staples Select Sector SPDR Fund	\$499M	\$618M	\$415M	(\$1,165M)	\$13,412M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	\$432M	(\$152M)	(\$594M)	(\$56M)	\$3,711M
XBI	SPDR S&P BIOTECH ETF	\$366M	\$510M	\$883M	\$1,911M	\$7,171M
XLE	Energy Select Sector SPDR Fund	\$310M	\$69M	(\$401M)	\$5,504M	\$25,611M
FDIS	Fidelity MSCI Consumer Discretionary Index ETF	\$173M	\$267M	\$287M	\$402M	\$1,930M
XME	SPDR S&P Metals & Mining ETF	\$140M	\$31M	(\$210M)	\$653M	\$1,834M
KRE	SPDR S&P Regional Banking ETF	\$139M	\$137M	(\$338M)	\$2,290M	\$4,905M
IYF	iShares U.S. Financials ETF	\$138M	\$237M	\$152M	\$607M	\$2,531M
XRT	SPDR S&P Retail ETF	\$117M	(\$261M)	\$137M	(\$63M)	\$773M

U.S. Sector & Industry Flow Laggards

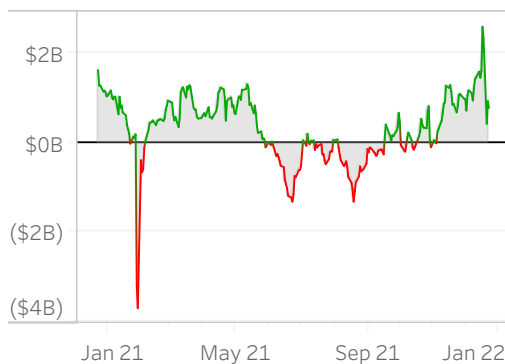
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLY	Consumer Discretionary Select Sector SPDR Fu..	(\$1,285M)	\$1,589M	\$1,124M	\$308M	\$23,185M
IHI	iShares U.S. Medical Devices ETF	(\$918M)	\$273M	\$517M	(\$1,709M)	\$8,753M
FDN	First Trust Dow Jones Internet Index Fund	(\$563M)	(\$83M)	\$15M	(\$1,748M)	\$10,017M
XLC	Communication Services Select Sector SPDR Fu..	(\$526M)	(\$522M)	\$693M	\$284M	\$13,958M
XLF	Financial Select Sector SPDR Fund	(\$522M)	\$1,681M	(\$737M)	\$9,242M	\$42,555M
QTEC	First Trust NASDAQ-100 Technology Sector Ind..	(\$497M)	(\$7M)	\$114M	(\$128M)	\$3,990M
SOXX	iShares Semiconductor ETF	(\$439M)	\$1,000M	\$1,327M	\$2,186M	\$9,406M
KBWB	Invesco KBW Bank ETF	(\$265M)	(\$220M)	\$343M	\$812M	\$2,683M
IYC	iShares U.S. Consumer Discretionary ETF	(\$189M)	\$64M	(\$37M)	\$24M	\$1,441M
KBE	SPDR S&P Bank ETF	(\$187M)	(\$203M)	(\$498M)	(\$273M)	\$3,009M

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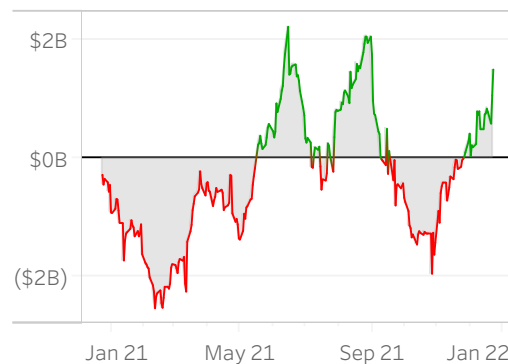
Communication Services



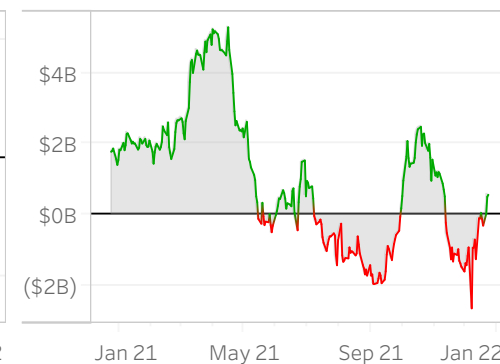
Consumer Discretionary



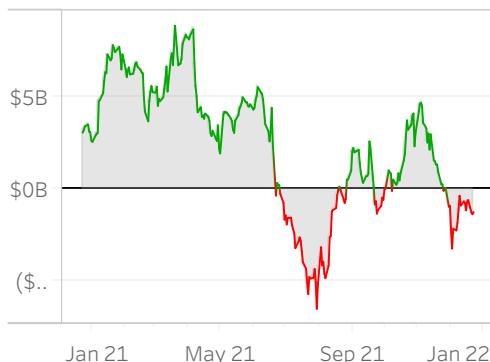
Consumer Staples



Energy



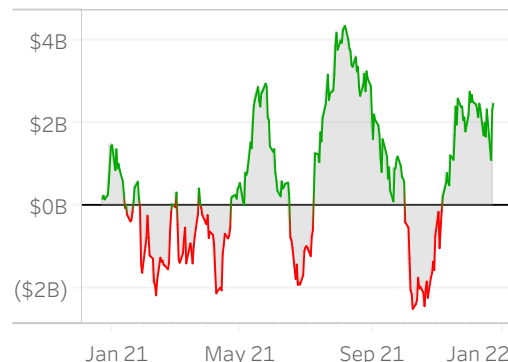
Financials



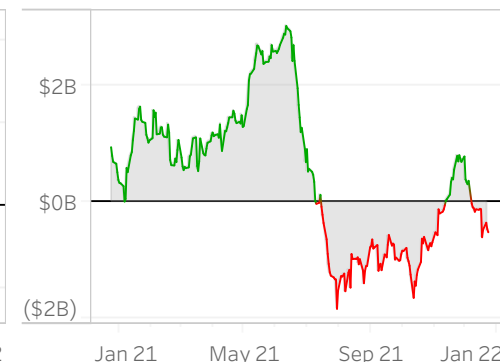
Industrial



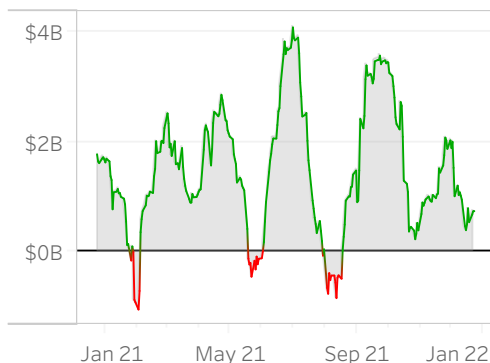
Health Care



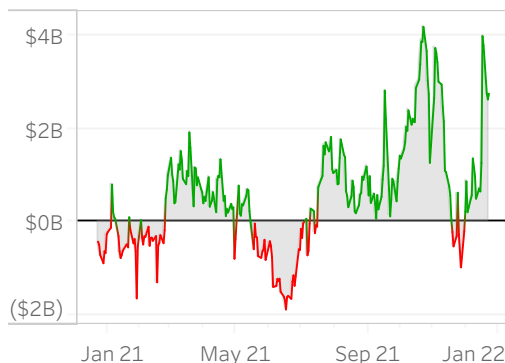
Materials



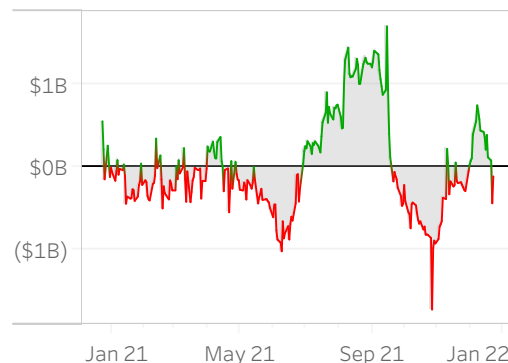
Real Estate



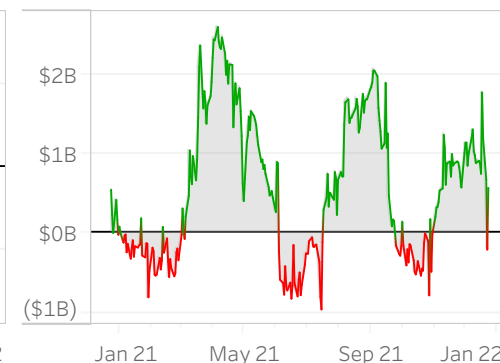
Technology



Utilities

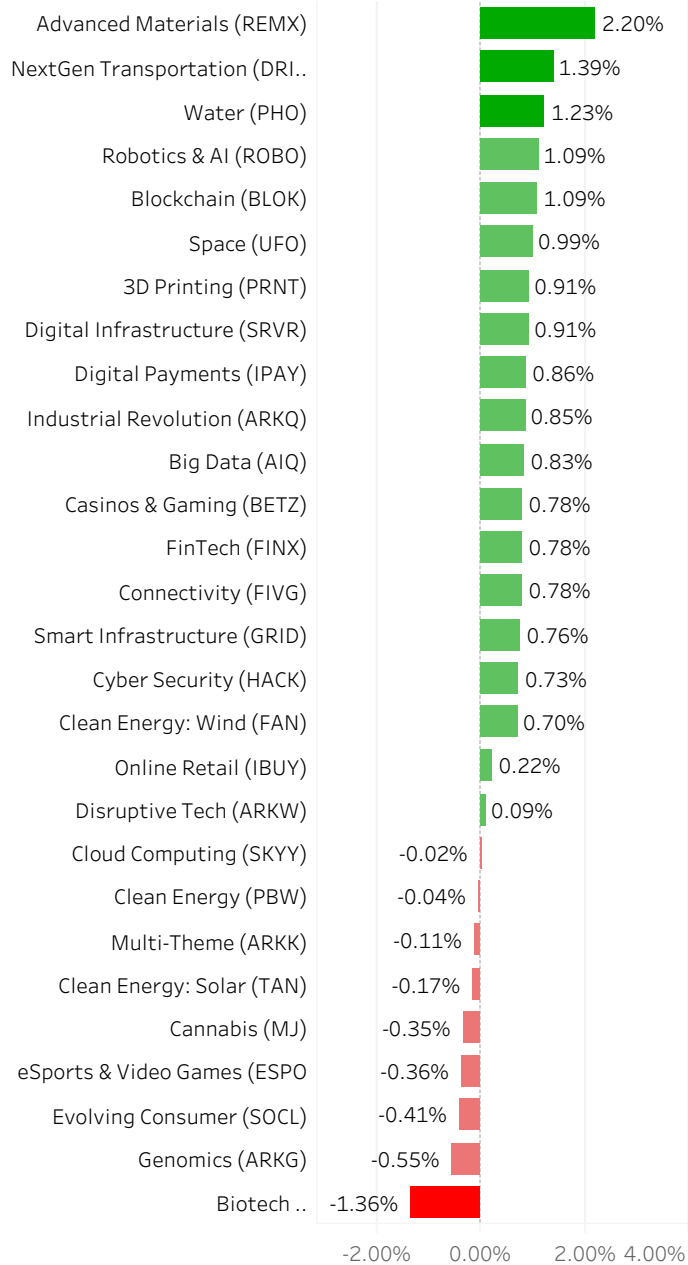


Multi-Sector

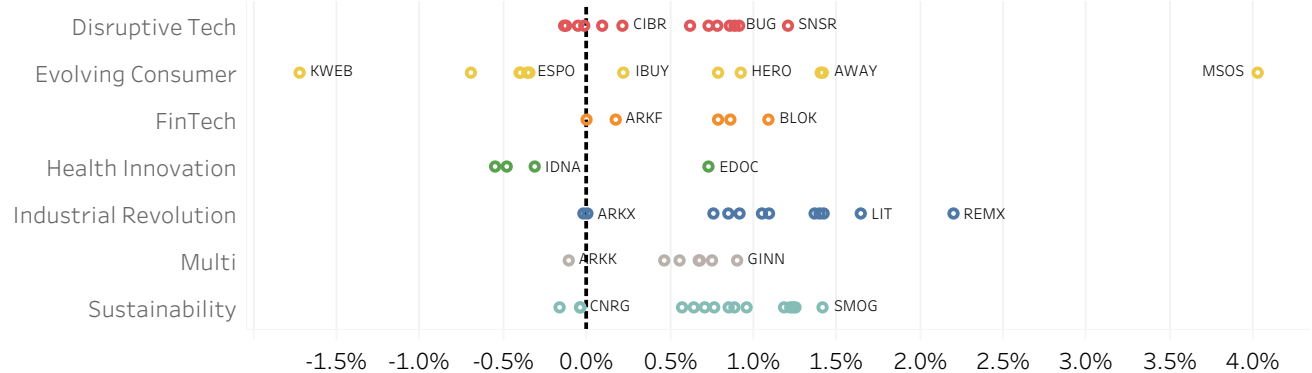


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
MSOS	AdvisorShares Pure US Cannabis ETF	4.02%
CNBS	Amplify Seymour Cannabis ETF	2.42%
REMX	VanEck Rare Earth/Strategic Metals ETF	2.20%
YOLO	AdvisorShares Pure Cannabis ETF	2.07%
HDRO	Defiance Next Gen H2 ETF	1.76%
LIT	Global X Lithium & Battery Tech ETF	1.64%
BATT	Amplify Lithium & Battery Technology ETF	1.62%
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	1.42%
AWAY	ETFMG Travel Tech ETF	1.41%
SMOG	VanEck Low Carbon Energy ETF	1.41%

Thematic Most Overbought

Ticker	Fund	Price
SRVR	Pacer Benchmark Data & Infrastructure Real Estate SCTR ..	61.73
VPN	Global X Data Center REITs & Digital Infrastructure ETF	60.02
NXTG	First Trust Indxx NextG ETF	59.65
FIVG	Defiance Next Gen Connectivity ETF	57.80
AGNG	Global X Aging Population ETF	55.09
EBLU	Ecofin Global Water ESG Fund	54.69
ROBO	ROBO Global Robotics & Automation Index ETF	53.54
PIO	Invesco Global Water ETF	53.39
QTUM	Defiance Quantum ETF	52.69
BUG	Global X Cybersecurity ETF	52.67

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
KWEB	KraneShares CSI China Internet ETF	-1.73%
SBIO	ALPS Medical Breakthroughs ETF	-1.36%
GERM	ETFMG Treatments Testing and Advancements ETF	-1.34%
THCX	Cannabis ETF	-1.12%
EMQQ	Emerging Markets Internet & Ecommerce ETF	-0.70%
ARKG	ARK Genomic Revolution ETF	-0.55%
GNOM	Global X Genomics & Biotechnology ETF	-0.48%
SOCL	Global X Social Media ETF	-0.41%
ONLN	ProShares Online Retail ETF	-0.40%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-0.38%

Thematic Most Oversold

Ticker	Fund	Price
ENTR	ERShares Entrepreneurs ETF	12.69
DAPP	VanEck Digital Transformation ETF	29.88
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	33.19
THCX	Cannabis ETF	33.84
KEMQ	KraneShares Emerging Markets Consumer Technology In..	34.29
PBW	Invesco WilderHill Clean Energy ETF	35.24
CNRG	SPDR S&P Kensho Clean Power ETF	35.39
BKCH	Global X Blockchain ETF	35.44
EMQQ	Emerging Markets Internet & Ecommerce ETF	35.56
ONLN	ProShares Online Retail ETF	35.65

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Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$233M
CIBR	First Trust NASDAQ Cybersecurity ETF	\$74M
XT	iShares Exponential Technologies ETF	\$29M
META	Roundhill Ball Metaverse ETF	\$24M
BITQ	Bitwise Crypto Industry Innovators ETF	\$16M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$15M
FIW	First Trust Water ETF	\$14M
WCLD	WisdomTree Cloud Computing Fund	\$12M
DAPP	VanEck Digital Transformation ETF	\$8M
PHO	Invesco Water Resources ETF	\$8M

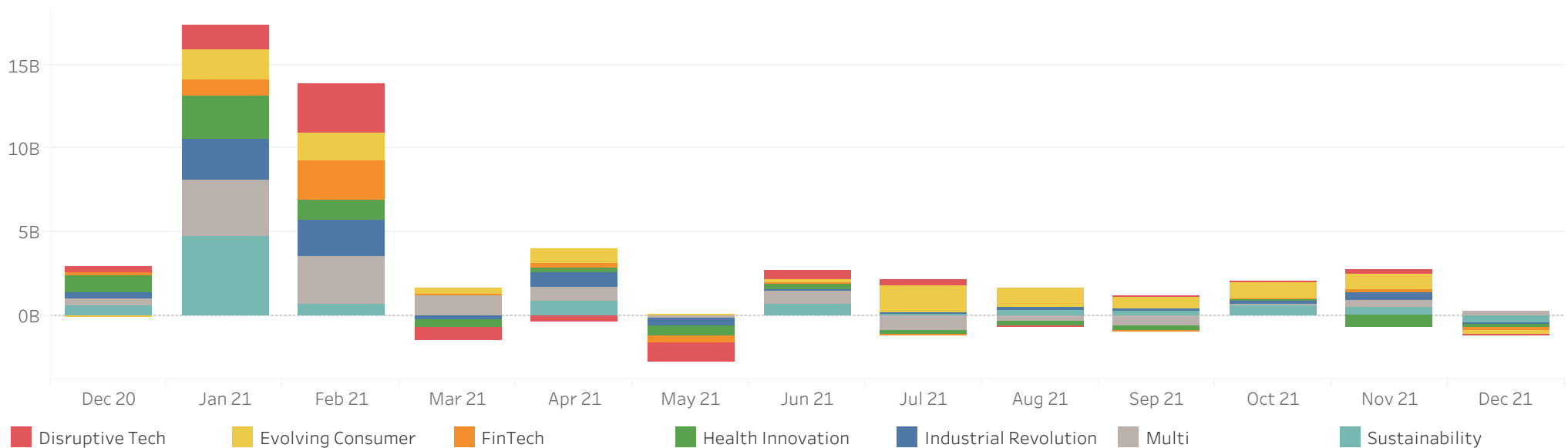
Thematic 1 Week Flow Laggards

Ticker	Fund	
KWEB	KraneShares CSI China Internet ETF	(\$237M)
TAN	Invesco Solar ETF	(\$107M)
ARKF	ARK Fintech Innovation ETF	(\$102M)
EDOC	Global X Telemedicine & Digital Health ETF	(\$53M)
ICLN	iShares Global Clean Energy ETF	(\$51M)
ARKQ	ARK Autonomous Technology & Robotics ETF	(\$49M)
BLOK	Amplify Transformational Data Sharing ETF	(\$43M)
IHAK	iShares Cybersecurity & Tech ETF	(\$28M)
REMX	VanEck Rare Earth/Strategic Metals ETF	(\$27M)
ARKW	ARK Next Generation Internet ETF	(\$23M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	38	\$28B	(\$371M)	\$115M	\$838M	\$3,577M
Evolving Consumer	44	\$15B	(\$266M)	\$1,971M	\$5,465M	\$10,222M
FinTech	19	\$7B	(\$118M)	\$29M	(\$171M)	\$3,453M
Health Innovation	17	\$7B	(\$51M)	(\$1,029M)	(\$1,347M)	\$2,642M
Industrial Revolution	23	\$16B	(\$135M)	\$569M	\$1,019M	\$6,263M
Multi	29	\$27B	(\$411M)	\$221M	(\$445M)	\$8,319M
Sustainability	37	\$22B	(\$237M)	\$574M	\$1,399M	\$8,576M
Grand Total	207	\$122B	(\$1,589M)	\$2,449M	\$6,758M	\$43,052M

Thematic Monthly Flows

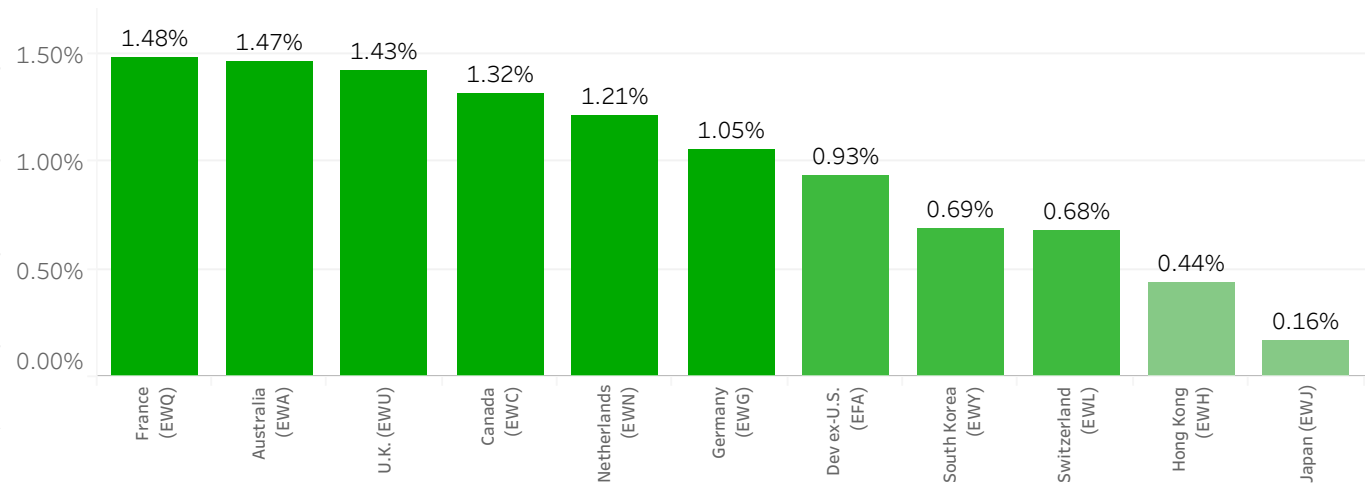


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

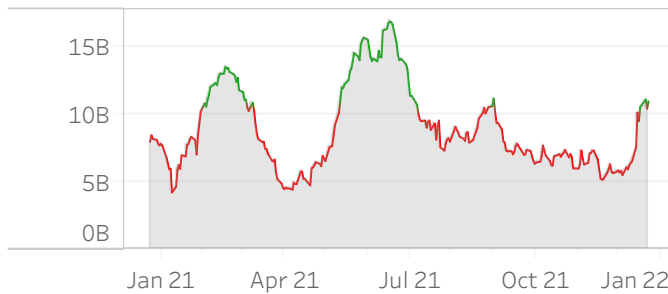
Developed ex-U.S. (EFA)



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



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



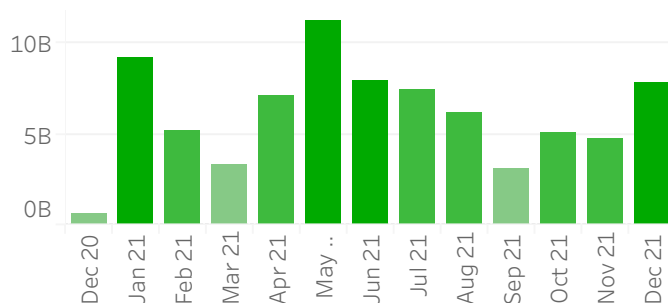
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EDEN	iShares MSCI Denmark ETF	2.24%
EWUS	iShares MSCI United Kingdom Small Cap ETF	2.20%
DFE	WisdomTree Europe SmallCap Dividend Fund	1.93%
EWQ	iShares MSCI Austria ETF	1.75%
IEUS	iShares MSCI Europe Small-Cap ETF	1.69%
IMOM	Alpha Architect International Quantitative Momentum ETF	1.68%
FGM	First Trust Germany AlphaDEX Fund	1.61%
EIRL	iShares MSCI Ireland ETF	1.59%
PIZ	Invesco DWA Developed Markets Momentum ETF	1.55%
FEP	First Trust Europe AlphaDEX Fund	1.50%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
LVHI	Legg Mason International Low Volatility High Dividend ETF	64.88
EWL	iShares MSCI Switzerland ETF	62.44
ICOW	Pacer Developed Markets International Cash Cows 100 ETF	59.36
DOO	WisdomTree International Dividend ex-Financials Fund	58.91
EUDG	WisdomTree Europe Quality Dividend Growth Fund	58.37
FDD	First Trust Stoxx European Select Dividend Index Fund	57.57
DTH	WisdomTree International High Dividend Fund	57.49
DOL	WisdomTree International LargeCap Dividend Fund	57.37
DFE	WisdomTree Europe SmallCap Dividend Fund	57.23
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	56.89

Developed ex-U.S. Monthly Flows



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

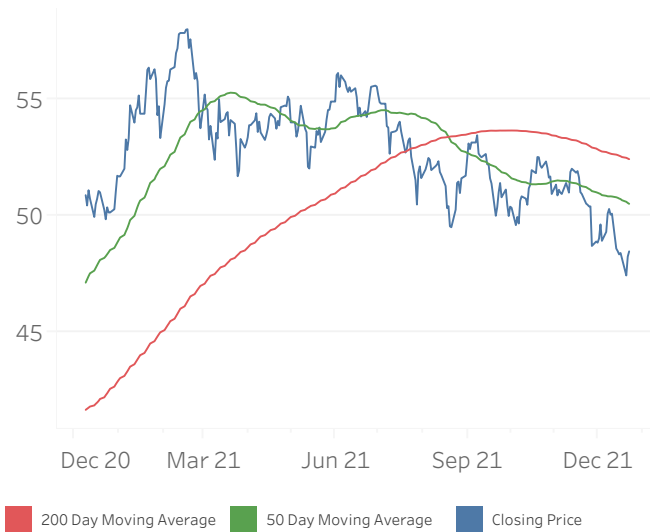
Ticker	Fund	1-Day Performance
DXJ	WisdomTree Japan Hedged Equity Fund	-0.02%
JPXN	iShares JPX-Nikkei 400 ETF	0.14%
BBJP	JPMorgan BetaBuilders Japan ETF	0.16%
EWJ	iShares MSCI Japan ETF	0.16%
DBJP	Xtrackers MSCI Japan Hedged Equity ETF	0.17%
EWJV	iShares MSCI Japan Value ETF	0.19%
IVAL	Alpha Architect International Quantitative Value ETF	0.19%
AIA	iShares Asia 50 ETF	0.20%
HEWJ	iShares Currency Hedged MSCI Japan ETF	0.20%
FLJP	Franklin FTSE Japan ETF	0.24%

Developed ex-U.S. Most Oversold

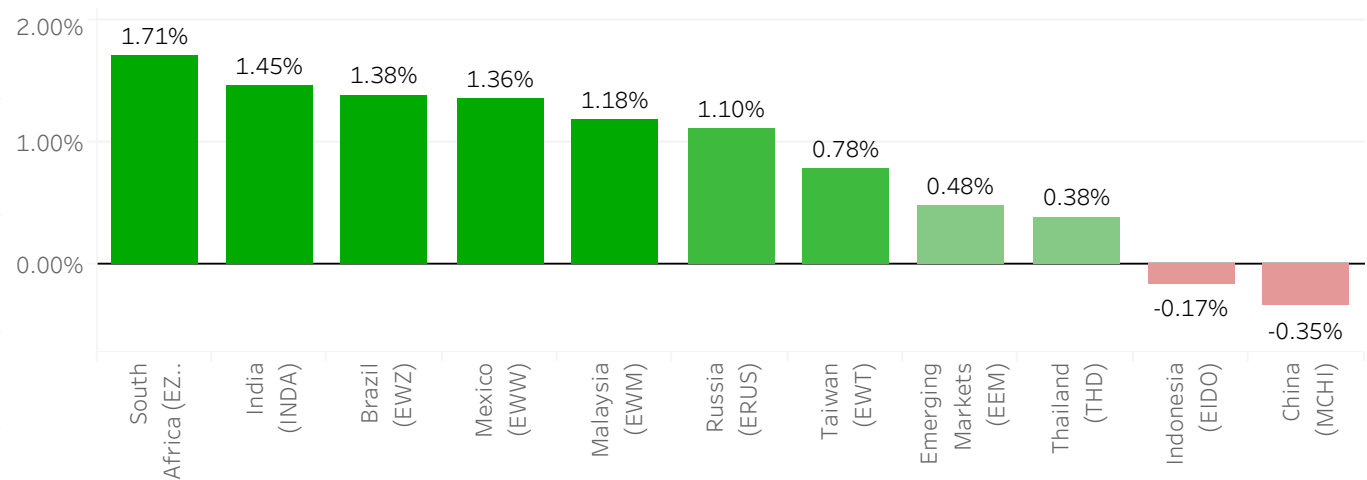
Ticker	Fund	Price
EWS	iShares MSCI Singapore ETF	30.15
EWH	iShares MSCI Hong Kong ETF	35.21
BBJP	JPMorgan BetaBuilders Japan ETF	36.34
RBIN	Nationwide Risk-Based International Equity ETF	38.94
SCJ	iShares MSCI Japan Small-Cap ETF	39.84
WPS	iShares International Developed Property ETF	40.18
AAXJ	iShares MSCI All Country Asia ex Japan ETF	40.86
BBAX	JPMorgan BetaBuilders Developed Asia ex-Japan ETF	41.58
NUDM	Nuveen ESG International Developed Markets Equit..	41.85
JPIN	J.P. Morgan Diversified Return International Equity ..	41.90

* 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)



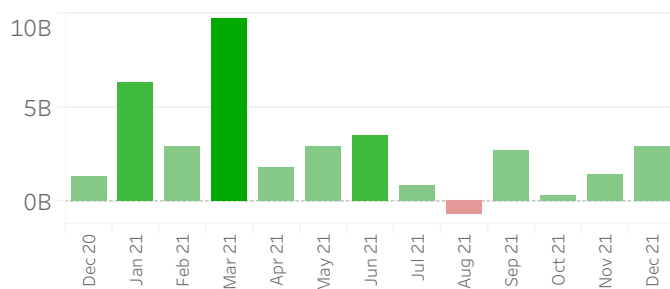
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
AFK	VanEck Africa Index ETF	2.36%
EYLD	Cambria Emerging Shareholder Yield ETF	2.08%
EWZS	iShares MSCI Brazil Small-Cap ETF	1.80%
EZA	iShares MSCI South Africa ETF	1.71%
PIN	Invesco India ETF	1.64%
EPI	WisdomTree India Earnings Fund	1.56%
GLIN	VanEck India Growth Leaders ETF	1.55%
INDY	iShares India 50 ETF	1.54%
SMIN	iShares MSCI India Small Cap ETF	1.46%
INDA	iShares MSCI India ETF	1.45%

Emerging Most Overbought

Ticker	Fund	Price
EWZ	iShares MSCI Mexico ETF	62.09
VNM	VanEck Vietnam ETF	60.35
PIE	Invesco DWA Emerging Markets Momentum ETF	55.73
DGS	WisdomTree Emerging Markets SmallCap Dividend F..	55.04
DEM	WisdomTree Emerging Markets High Dividend Fund	54.59
FEM	First Trust Emerging Markets AlphaDEX Fund	53.46
EZA	iShares MSCI South Africa ETF	53.21
EWT	iShares MSCI Taiwan ETF	53.10
EYLD	Cambria Emerging Shareholder Yield ETF	52.53
DGRE	WisdomTree Emerging Markets Quality Dividend Gro..	52.45

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
TUR	iShares MSCI Turkey ETF	-2.06%
PGJ	Invesco Golden Dragon China ETF	-1.29%
QAT	iShares MSCI Qatar ETF	-0.44%
FLCH	Franklin FTSE China ETF	-0.36%
MCHI	iShares MSCI China ETF	-0.35%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-0.30%
FNI	First Trust Chindia ETF	-0.30%
FXI	iShares China Large-Cap ETF	-0.22%
EIDO	iShares MSCI Indonesia ETF	-0.17%
GXC	SPDR S&P China ETF	-0.17%

Emerging Most Oversold

Ticker	Fund	Price
MFEM	PIMCO RAFI Dynamic Multi-Factor Emerging Market..	27.40
ECH	iShares MSCI Chile ETF	33.74
RSX	VanEck Russia ETF	33.76
INDY	iShares India 50 ETF	33.81
NUEM	Nuveen ESG Emerging Markets Equity ETF	34.96
PIN	Invesco India ETF	34.99
ECNS	iShares MSCI China Small-Cap ETF	35.33
BKF	iShares MSCI BRIC ETF	35.44
INDA	iShares MSCI India ETF	35.98
PGJ	Invesco Golden Dragon China ETF	36.38

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

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	0.09%	0.63%	-1.55%
SHY	1-3 Year Treasury Bonds	-0.01%	-0.06%	-0.70%
IEF	7-10 Year Treasury Bonds	0.10%	1.52%	-2.86%
TLT	20+ Year Treasury Bonds	0.46%	2.42%	-3.55%
TIP	TIPS Bonds	0.32%	0.15%	5.11%
FLOT	Floating Rate Bonds	0.00%	-0.15%	0.27%
LQD	Investment Grade Corporate	0.16%	1.12%	-1.56%
HYG	High Yield Corporate	0.27%	1.47%	3.63%
BKLN	Senior Loan	0.05%	0.53%	2.09%
PFF	Preferred & Income Securities	0.52%	1.80%	6.05%
MUB	Municipal Bonds	0.15%	0.59%	1.21%
MBB	MBS	0.02%	0.09%	-1.46%
EMB	Dollar Denominated EM Bonds	0.11%	0.73%	-2.88%
LEMB	Local Currency EM Bond	0.64%	0.14%	-9.71%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	1.96%	-3.61%	30.46%
DBE	Energy	1.09%	-3.62%	54.52%
USO	WTI Crude Oil	1.76%	-3.62%	58.98%
BNO	Brent Crude Oil	1.71%	-3.98%	57.30%
UNG	Natural Gas	1.68%	-20.20%	38.26%
UGA	Gasoline	0.65%	-0.65%	64.54%
DBP	Precious Metals	1.09%	-1.37%	-8.52%
GLD	Gold	0.94%	-0.09%	-5.48%
SLV	Silver	1.59%	-5.55%	-14.12%
PPLT	Platinum	3.58%	-4.75%	-10.44%
PALL	Palladium	5.57%	-3.21%	-23.35%
DBB	Base Metals	1.84%	2.84%	28.10%
CPER	Copper	0.83%	0.19%	23.23%
LD	Lead	1.36%	4.53%	19.66%
JJN	Nickel	1.55%	-1.82%	19.33%
JJU	Aluminum	2.12%	4.55%	39.65%
JJT	Tin	0.04%	-1.21%	118.14%
DBA	Agriculture	1.17%	-1.29%	23.30%
CORN	Corn	0.92%	1.44%	40.56%
SOYB	Soybeans	1.47%	2.53%	16.64%
WEAT	Wheat	2.11%	-5.60%	25.36%
CANE	Sugar	2.30%	-2.85%	37.30%
BAL	Cotton	1.23%	-5.74%	37.16%
NIB	Cocoa	-0.56%	-5.11%	-9.52%
JO	Coffee	2.64%	0.24%	70.70%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.39%	-0.50%	6.23%
UDN	Short Dollar	0.45%	0.40%	-7.40%
FXE	Euro	0.49%	0.83%	-8.11%
FXB	British Pound Sterling	0.73%	-0.25%	-2.65%
FXF	Swiss Franc	0.55%	1.46%	-4.78%
FXJ	Japanese Yen	0.00%	0.53%	-10.09%
FXC	Canadian Dollar	0.59%	-1.08%	-1.29%
FXA	Australian Dollar	0.86%	-0.10%	-6.77%

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