

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

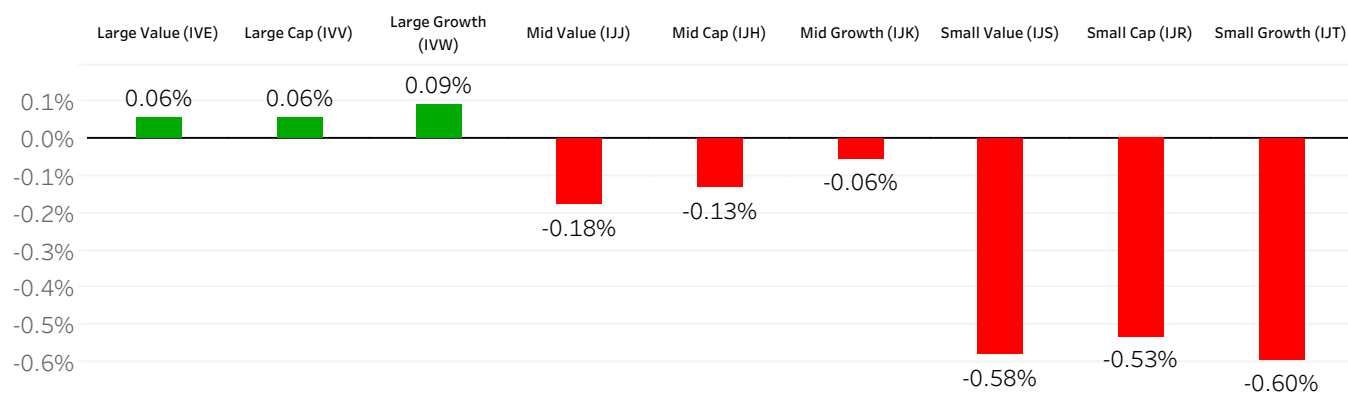


Small Cap Blend (S&P 600) IJR



■ 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
FFTY	Innovator IBD 50 ETF	2.01%
TMFM	Motley Fool Mid-Cap Growth ETF	0.69%
DWAS	Invesco DWA SmallCap Momentum ETF	0.58%
CGDV	Capital Group Dividend Value ETF	0.55%
WBIG	WBI BullBear Yield 3000 ETF	0.52%
MBOX	Freedom Day Dividend ETF	0.52%
QVAL	Alpha Architect US Quantitative Value ETF	0.50%
IPO	Renaissance IPO ETF	0.49%
FPX	First Trust US Equity Opportunities ETF	0.46%
FNY	First Trust Mid Cap Growth AlphaDEX Fund	0.44%

Size & Style Most Overbought

Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	70.13
USMC	Principal U.S. Mega-Cap ETF	69.24
SIXA	ETC 6 Meridian Mega Cap Equity ETF	68.20
CGDV	Capital Group Dividend Value ETF	67.90
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	67.74
ABEQ	Absolute Select Value ETF	67.61
FDLO	Fidelity Low Volatility Factor ETF	67.45
OUSA	ALPS O'Shares U.S. Quality Dividend ETF	67.43
FDMO	Fidelity Momentum Factor ETF	66.95
XLG	Invesco S&P 500 Top 50 ETF	66.80

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
XSLV	Invesco S&P SmallCap Low Volatility ETF	-1.57%
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	-1.28%
SIXS	ETC 6 Meridian Small Cap Equity ETF	-1.10%
SVAL	iShares US Small Cap Value Factor ETF	-1.04%
SMDV	ProShares Russell 2000 Dividend Growers ETF	-0.99%
FYT	First Trust Small Cap Value AlphaDEX Fund	-0.93%
DIV	Global X SuperDividend US ETF	-0.77%
CSML	IQ Chaikin U.S. Small Cap ETF	-0.75%
FDM	First Trust Dow Jones Select MicroCap Index Fund	-0.75%
VTWV	Vanguard Russell 2000 Value ETF	-0.72%

Size & Style Most Oversold

Ticker	Fund	Price
XSLV	Invesco S&P SmallCap Low Volatility ETF	39.15
SVAL	iShares US Small Cap Value Factor ETF	40.52
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	41.71
FDM	First Trust Dow Jones Select MicroCap Index Fund	43.44
SMDV	ProShares Russell 2000 Dividend Growers ETF	43.79
FYT	First Trust Small Cap Value AlphaDEX Fund	45.22
AIEQ	AI Powered Equity ETF	46.38
VIOV	Vanguard S&P Small-Cap 600 Value ETF	46.48
CSML	IQ Chaikin U.S. Small Cap ETF	46.49
SIXS	ETC 6 Meridian Small Cap Equity ETF	46.59

\*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, Beta	25	\$1,289B	\$3.35B	\$2.41B	\$1.20B	\$58.78B
Large Cap, Beta, Beta: Growth	10	\$245B	(\$0.39B)	\$1.82B	\$9.38B	\$20.72B
Large Cap, Beta, Beta: Value	11	\$222B	(\$0.54B)	(\$2.95B)	(\$3.05B)	\$3.06B
Mid Cap, Beta, Beta	10	\$185B	\$0.10B	\$1.07B	\$5.28B	\$10.97B
Mid Cap, Beta, Beta: Growth	6	\$34B	\$0.03B	(\$0.17B)	(\$0.21B)	\$0.94B
Mid Cap, Beta, Beta: Value	6	\$39B	\$0.06B	(\$0.62B)	(\$0.13B)	\$0.71B
Small Cap, Beta, Beta	13	\$189B	(\$0.33B)	(\$0.75B)	\$2.41B	\$1.86B
Small Cap, Beta, Beta: Growth	7	\$32B	\$0.25B	(\$0.34B)	\$0.39B	\$1.37B
Small Cap, Beta, Beta: Value	7	\$48B	(\$0.13B)	(\$0.49B)	\$0.64B	(\$0.46B)

U.S. Size & Style Flow Leaders

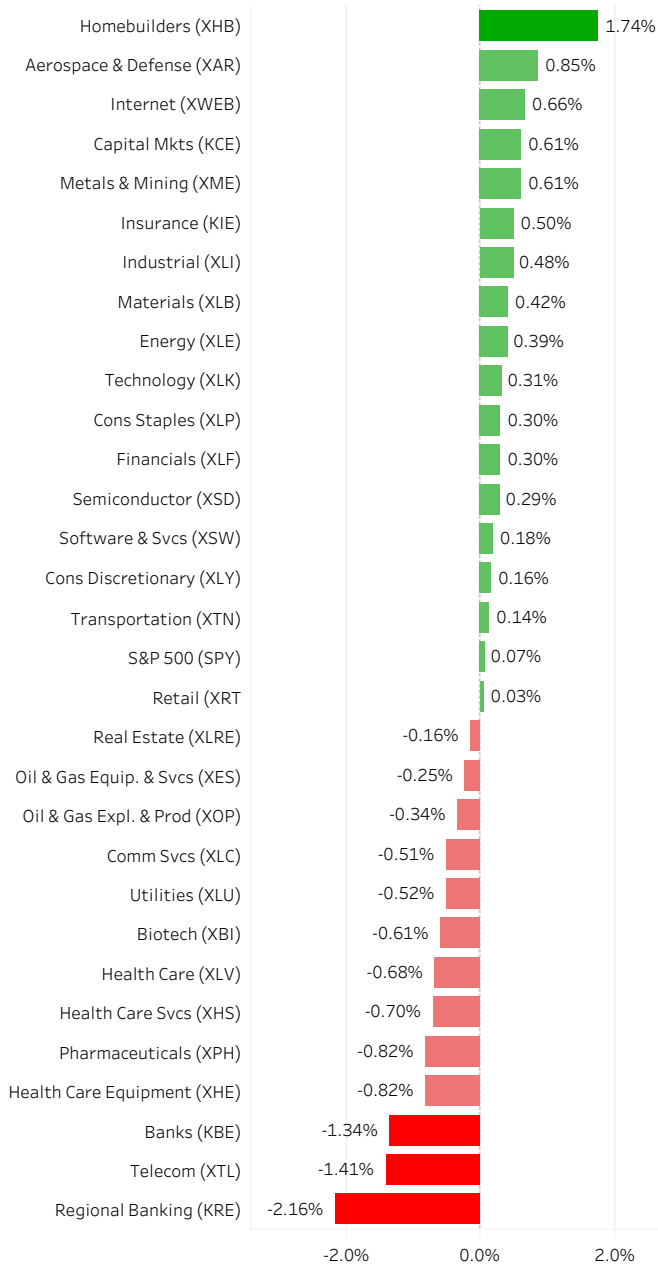
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	\$3.27B	(\$6.17B)	(\$6.06B)	\$5.02B	\$379.73B
QUAL	iShares MSCI USA Quality Factor ETF	\$0.75B	\$8.36B	\$8.02B	\$6.15B	\$28.02B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.68B	\$0.97B	\$1.48B	\$2.96B	\$16.75B
VOO	Vanguard S&P 500 ETF	\$0.61B	\$5.55B	\$7.79B	\$27.89B	\$290.35B
IVV	iShares Core S&P 500 ETF	\$0.37B	(\$2.09B)	(\$2.78B)	\$13.56B	\$309.79B
IWO	iShares Russell 2000 Growth ETF	\$0.17B	(\$0.56B)	(\$0.27B)	(\$0.04B)	\$9.52B
PABU	iShares Paris-Aligned Climate MSCI USA ETF	\$0.16B	\$0.18B	\$0.26B	\$0.52B	\$1.11B
VYM	Vanguard High Dividend Yield Index ETF	\$0.15B	\$0.43B	\$0.99B	\$6.41B	\$49.99B
VTI	Vanguard Total Stock Market ETF	\$0.13B	\$2.32B	\$8.11B	\$20.52B	\$284.83B
IJR	iShares Core S&P Small Cap ETF	\$0.11B	\$0.17B	\$1.34B	\$2.24B	\$65.97B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	(\$1.54B)	\$2.45B	(\$2.58B)	\$0.72B	\$171.35B
IWD	iShares Russell 1000 Value ETF	(\$0.49B)	(\$2.60B)	(\$3.29B)	(\$2.91B)	\$50.56B
IWM	iShares Russell 2000 ETF	(\$0.36B)	(\$2.15B)	(\$2.00B)	(\$1.77B)	\$50.01B
IWF	iShares Russell 1000 Growth ETF	(\$0.27B)	(\$2.27B)	(\$1.32B)	\$0.90B	\$63.02B
ESGU	iShares ESG Aware MSCI USA ETF	(\$0.22B)	(\$6.00B)	(\$8.56B)	(\$8.25B)	\$13.96B
DVY	iShares Select Dividend ETF	(\$0.16B)	(\$0.69B)	\$0.18B	\$1.22B	\$21.83B
IVE	iShares S&P 500 Value ETF	(\$0.16B)	(\$1.20B)	(\$0.65B)	(\$0.47B)	\$24.55B
DFUV	Dimensional US Marketwide Value ETF	(\$0.15B)	\$0.01B	\$0.22B	\$0.47B	\$8.28B
MGK	Vanguard Mega Cap Growth ETF	(\$0.13B)	\$0.56B	\$0.34B	\$0.50B	\$11.86B
IWN	iShares Russell 2000 Value ETF	(\$0.12B)	(\$0.26B)	(\$0.35B)	(\$0.88B)	\$11.22B

\* 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)
XLK	Technology Select Sector SPDR Fund	-1.26%	28.39%	4.62%	11.14%	60.85
XLI	Industrial Select Sector SPDR Fund	-2.48%	22.04%	0.91%	4.75%	58.44
XLP	Consumer Staples Select Sector SPDR Fund	-2.85%	14.12%	3.43%	3.56%	66.56
SPY	SPDR S&P 500 ETF Trust	-3.60%	16.17%	2.97%	4.90%	64.12
XLV	Health Care Select Sector SPDR Fund	-4.68%	11.39%	2.96%	2.00%	60.70
XLC	Communication Services Select Sector SPDR Fund	-6.91%	29.02%	4.91%	10.60%	60.08
XLB	Materials Select Sector SPDR Fund	-7.64%	21.42%	1.94%	4.77%	60.30
XLE	Energy Select Sector SPDR Fund	-8.01%	28.23%	2.86%	3.71%	58.34
XLF	Financial Select Sector SPDR Fund	-9.84%	10.14%	-0.99%	-1.54%	60.02
XLU	Utilities Select Sector SPDR Fund	-11.79%	12.01%	2.70%	-1.13%	56.37
XLY	Consumer Discretionary Select Sector SPDR Fund	-14.33%	17.36%	1.94%	1.19%	58.65
XLRE	Real Estate Select Sector SPDR Fund	-19.60%	10.66%	-0.69%	-3.89%	53.17

### Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
ITB	iShares U.S. Home Construction ETF	2.29%
PKB	Invesco Dynamic Building & Construction ETF	1.88%
XHB	SPDR S&P Homebuilders ETF	1.74%
PTF	Invesco DWA Technology Momentum ETF	1.11%
ITA	iShares U.S. Aerospace & Defense ETF	1.10%
XAR	SPDR S&P Aerospace & Defense ETF	0.85%
FXD	First Trust Consumer Discretionary AlphaDEX Fund	0.83%
PPA	Invesco Aerospace & Defense ETF	0.81%
RCD	Invesco S&P 500 Equal Weight Consumer Discretio..	0.74%
IAK	iShares U.S. Insurance ETF	0.72%

### Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
ITB	iShares U.S. Home Construction ETF	69.39
PSL	Invesco DWA Consumer Staples Momentum ETF	68.77
PTH	Invesco DWA Healthcare Momentum ETF	67.42
VDC	Vanguard Consumer Staples ETF	66.89
XLP	Consumer Staples Select Sector SPDR Fund	66.56
IYK	iShares U.S. Consumer Staples ETF	65.93
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPLES..	65.92
RHS	Invesco S&P 500 Equal Weight Consumer Staples ETF	64.93
PKB	Invesco Dynamic Building & Construction ETF	64.52
IHI	iShares U.S. Medical Devices ETF	64.14

### Sector & Industry 1 Day Performance Laggards

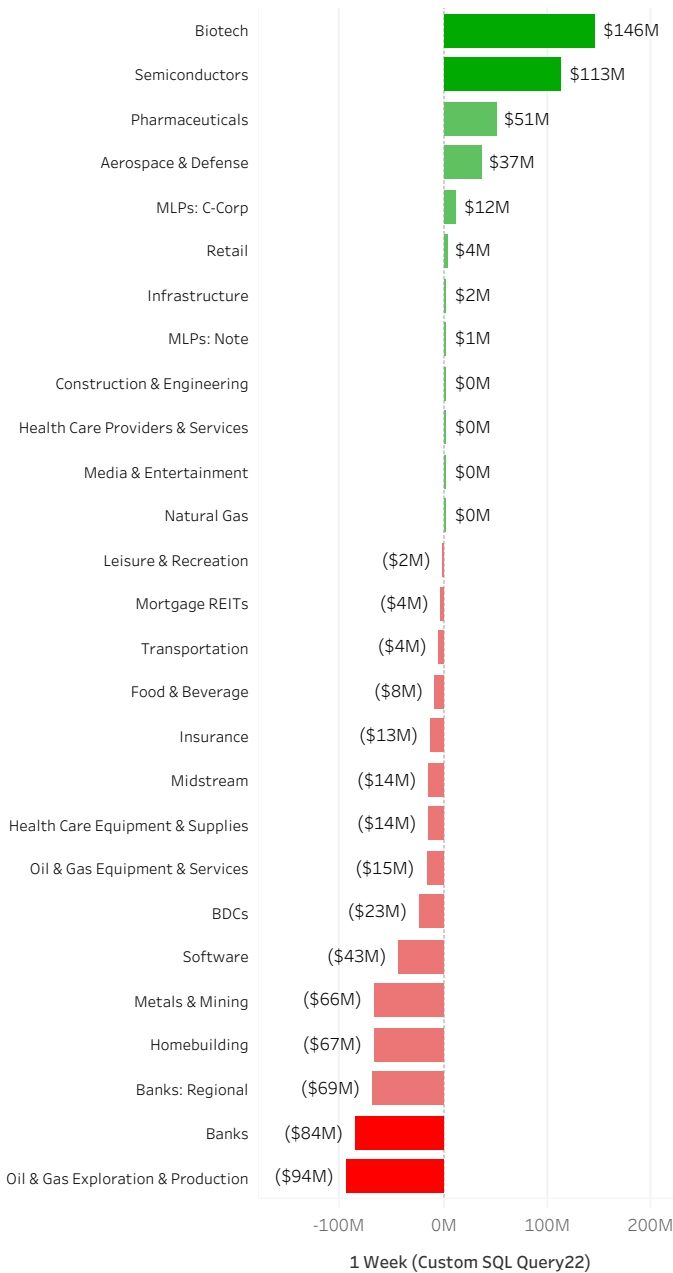
Ticker	Fund	1 Day Performance
QABA	First Trust NASDAQ ABA Community Bank Index Fund	-2.64%
KBWR	Invesco KBW Regional Banking ETF	-2.63%
KRE	SPDR S&P Regional Banking ETF	-2.16%
KBWY	Invesco KBW Premium Yield Equity REIT ETF	-1.96%
BIZD	VanEck BDC Income ETF	-1.58%
XTL	SPDR S&P Telecom ETF	-1.41%
KBWD	Invesco KBW High Dividend Yield Financial ETF	-1.40%
KBE	SPDR S&P Bank ETF	-1.34%
IGN	iShares North American Tech-Multimedia Networking ..	-1.33%
MORT	VanEck Mortgage REIT Income ETF	-1.29%

### Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
QABA	First Trust NASDAQ ABA Community Bank Index Fund	33.69
KRE	SPDR S&P Regional Banking ETF	37.30
KBWR	Invesco KBW Regional Banking ETF	37.45
XTL	SPDR S&P Telecom ETF	37.72
KBWY	Invesco KBW Premium Yield Equity REIT ETF	37.98
IGN	iShares North American Tech-Multimedia Networking ETF	39.43
NETL	NETLease Corporate Real Estate ETF	40.29
IAT	iShares U.S. Regional Banks ETF	41.44
KBE	SPDR S&P Bank ETF	42.40
MORT	VanEck Mortgage REIT Income ETF	42.61

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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	7	\$15B	\$142M	\$1,147M	\$1,501M	\$874M
Consumer Discretionary	12	\$23B	\$285M	\$993M	\$543M	(\$2,162M)
Consumer Staples	10	\$31B	\$347M	\$475M	\$2,370M	\$4,867M
Energy	32	\$74B	(\$382M)	(\$3,934M)	(\$4,431M)	(\$8,042M)
Financials	26	\$56B	\$128M	\$1,963M	\$1,722M	(\$9,592M)
Health Care	23	\$93B	\$333M	(\$4,425M)	(\$959M)	\$2,015M
Industrial	13	\$31B	(\$125M)	(\$41M)	\$1,782M	(\$1,286M)
Materials	9	\$15B	\$134M	\$175M	\$443M	(\$3,155M)
Multi-Sector	19	\$14B	(\$69M)	\$148M	\$71M	(\$1,982M)
Real Estate	25	\$56B	(\$195M)	(\$2,566M)	(\$2,408M)	(\$6,212M)
Technology	23	\$131B	(\$307M)	\$745M	\$1,222M	(\$666M)
Utilities	9	\$26B	(\$116M)	(\$49M)	(\$562M)	\$2,794M

## U.S. Sector & Industry Flow Leaders

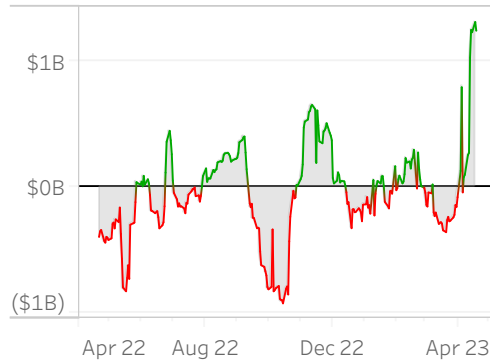
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	\$531M	\$1,185M	\$2,166M	(\$5,154M)	\$31,720M
XLP	Consumer Staples Select Sector SPDR Fund	\$313M	\$504M	\$1,732M	\$2,165M	\$18,096M
XLV	Consumer Discretionary Select Sector SPDR Fu..	\$289M	\$35M	(\$302M)	(\$893M)	\$14,631M
XLB	Materials Select Sector SPDR Fund	\$235M	\$93M	\$131M	(\$1,181M)	\$5,962M
XLC	Communication Services Select Sector SPDR Fu..	\$129M	\$1,102M	\$1,485M	\$1,196M	\$11,035M
XLV	Health Care Select Sector SPDR Fund	\$128M	(\$1,334M)	\$46M	\$2,083M	\$39,964M
XBI	SPDR S&P BIOTECH ETF	\$113M	(\$2,147M)	(\$429M)	\$258M	\$6,585M
SOXX	iShares Semiconductor ETF	\$106M	\$357M	\$275M	(\$383M)	\$7,532M
VDE	Vanguard Energy ETF	\$66M	(\$187M)	(\$301M)	(\$898M)	\$7,975M
XPH	SPDR S&P Pharmaceuticals ETF	\$51M	\$39M	\$30M	\$57M	\$244M

## U.S. Sector & Industry Flow Laggards

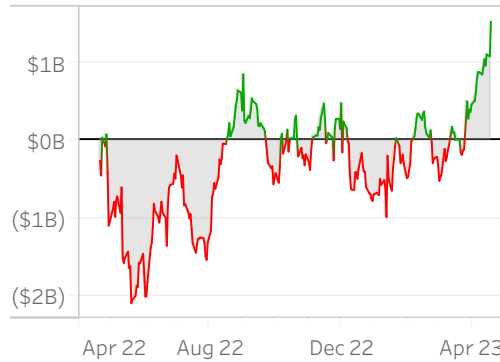
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLK	Technology Select Sector SPDR Fund	(\$343M)	(\$1,900M)	(\$2,011M)	(\$2,113M)	\$42,887M
XLE	Energy Select Sector SPDR Fund	(\$313M)	(\$205M)	(\$815M)	(\$1,389M)	\$39,941M
XLI	Industrial Select Sector SPDR Fund	(\$149M)	(\$890M)	(\$70M)	(\$1,459M)	\$13,426M
XLU	Utilities Select Sector SPDR Fund	(\$97M)	\$236M	(\$230M)	\$2,236M	\$16,125M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$88M)	(\$329M)	(\$398M)	(\$1,615M)	\$3,696M
IAI	iShares U.S. Broker-Dealers & Securities Excha..	(\$86M)	(\$129M)	\$222M	\$212M	\$687M
VFH	Vanguard Financials ETF	(\$86M)	(\$391M)	(\$583M)	(\$1,941M)	\$7,951M
KBWB	Invesco KBW Bank ETF	(\$83M)	\$87M	(\$171M)	(\$348M)	\$1,334M
IYR	iShares U.S. Real Estate ETF	(\$77M)	(\$659M)	(\$327M)	(\$1,232M)	\$2,905M
XHB	SPDR S&P Homebuilders ETF	(\$74M)	(\$123M)	(\$60M)	(\$354M)	\$891M

\* 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



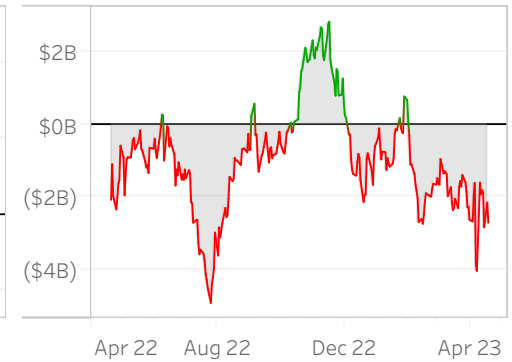
Consumer Discretionary



Consumer Staples



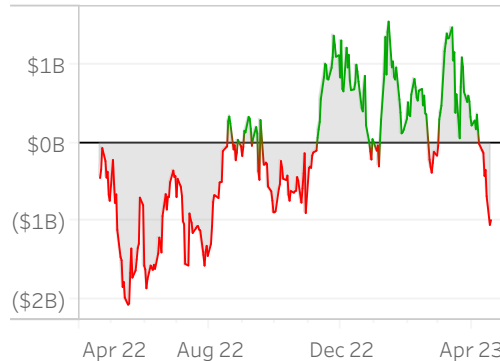
Energy



Financials



Industrial



Health Care



Materials



Real Estate



Technology



Utilities

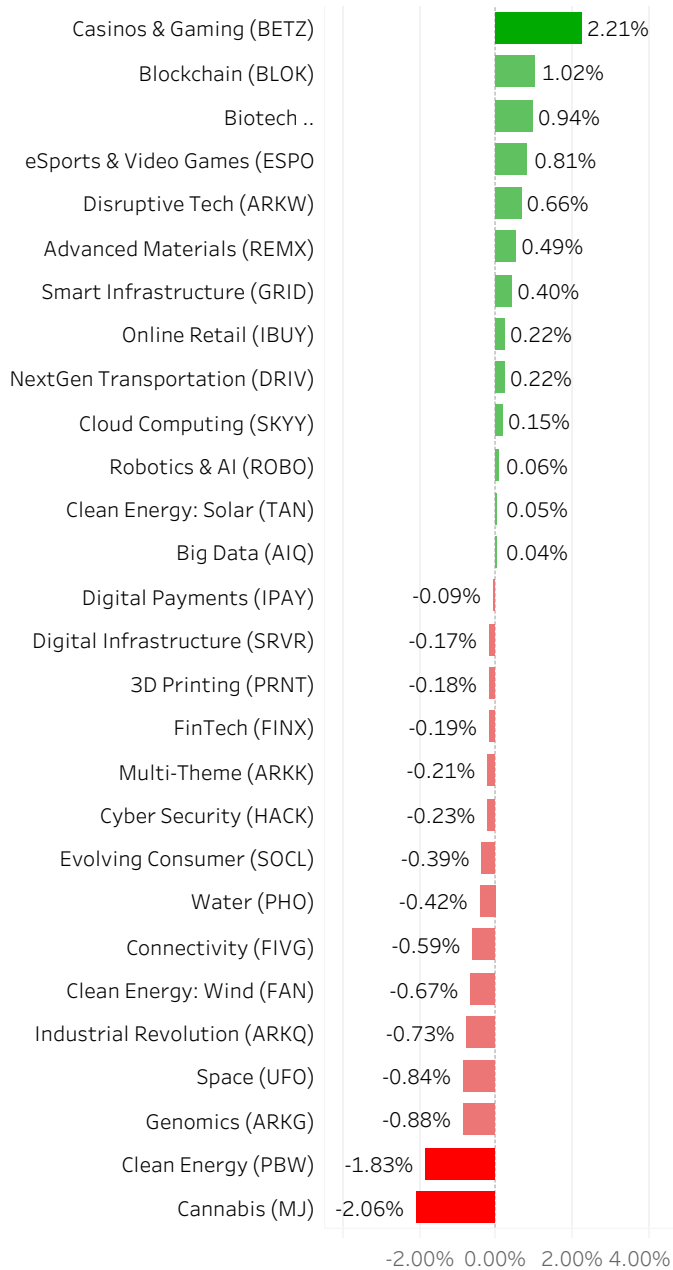


Multi-Sector

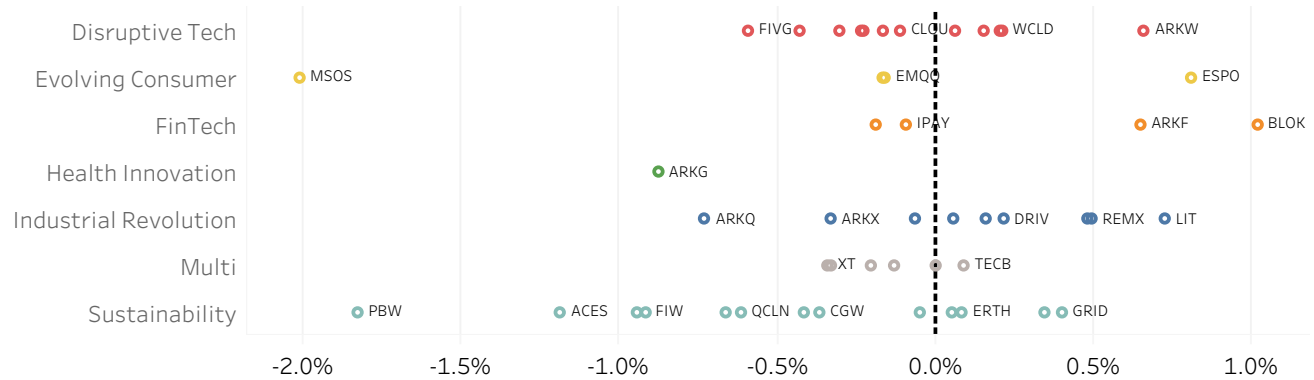


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## Global Thematic Segment 1-Day Performance



## Global Thematic 1-Day Performance Landscape



## Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
BITQ	Bitwise Crypto Industry Innovators ETF	3.18%
BETZ	Roundhill Sports Betting & iGaming ETF	2.21%
BKCH	Global X Blockchain ETF	1.63%
BJK	VanEck Gaming ETF	1.39%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	1.11%
HERO	Global X Video Games & Esports ETF	1.04%
BLOK	Amplify Transformational Data Sharing ETF	1.02%
SBIO	ALPS Medical Breakthroughs ETF	0.94%
SAMT	Strategas Macro Thematic Opportunities ETF	0.83%
ESPO	VanEck Video Gaming and eSports ETF	0.81%

## Thematic Most Overbought

Ticker	Fund	Value
AGNG	Global X Aging Population ETF	70.99
BITQ	Bitwise Crypto Industry Innovators ETF	69.77
BKCH	Global X Blockchain ETF	69.09
KLDW	Knowledge Leaders Developed World ETF	65.76
GDOC	Goldman Sachs Future Health Care Equity ETF	65.60
BJK	VanEck Gaming ETF	65.43
BLOK	Amplify Transformational Data Sharing ETF	65.30
SBIO	ALPS Medical Breakthroughs ETF	64.70
TIME	Clockwise Capital Innovation ETF	62.57
BETZ	Roundhill Sports Betting & iGaming ETF	62.41

## Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
MJUS	ETFMG U.S. Alternative Harvest ETF	-3.02%
MJ	ETFMG Alternative Harvest ETFMG Alternative Harvest	-2.06%
MSOS	AdvisorShares Pure US Cannabis ETF	-2.01%
PBW	Invesco WilderHill Clean Energy ETF	-1.83%
GNOM	Global X Genomics & Biotechnology ETF	-1.36%
IDNA	iShares Genomics Immunology and Healthcare ETF	-1.35%
RNRG	Global X Renewable Energy Producers ETF	-1.28%
EVX	VanEck Environmental Services ETF	-1.22%
ACES	ALPS Clean Energy ETF	-1.19%
HTEC	ROBO Global Healthcare Technology and Innovation E..	-1.01%

## Thematic Most Oversold

Ticker	Fund	Value
MJ	ETFMG Alternative Harvest ETFMG Alternative Harvest	34.99
MJUS	ETFMG U.S. Alternative Harvest ETF	35.78
MSOS	AdvisorShares Pure US Cannabis ETF	37.36
PBW	Invesco WilderHill Clean Energy ETF	44.51
ARKQ	ARK Autonomous Technology & Robotics ETF	45.26
HAIL	SPDR S&P Kensho Smart Mobility ETF	45.32
IZRL	ARK Israel Innovative Technology ETF	45.69
ONLN	ProShares Online Retail ETF	45.79
ARKX	ARK Space Exploration & Innovation ETF	46.11
FIVG	Defiance Next Gen Connectivity ETF	46.96

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## Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$127M
IHAK	iShares Cybersecurity & Tech ETF	\$48M
CLIX	ProShares Long Online/Short Stores ETF	\$6M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$6M
ACES	ALPS Clean Energy ETF	\$6M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$5M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$4M
FIW	First Trust Water ETF	\$4M
ARKG	ARK Genomic Revolution ETF	\$3M
SNSR	Global X Internet of Things ETF	\$3M

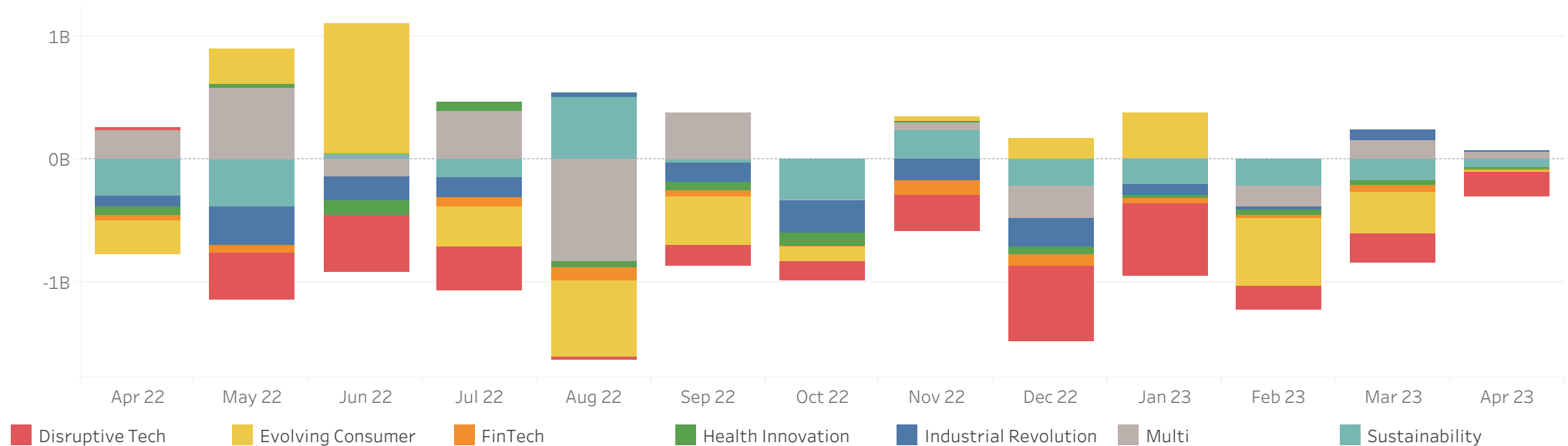
## Thematic 1 Week Flow Laggards

Ticker	Fund	
SRVR	Pacer Data & Infrastructure Real Estate ETF	(\$33M)
ICLN	iShares Global Clean Energy ETF	(\$28M)
SKYY	First Trust Cloud Computing ETF	(\$19M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$12M)
TAN	Invesco Solar ETF	(\$12M)
DRIV	Global X Autonomous & Electric Vehicles ETF	(\$11M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$11M)
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Security Fund	(\$10M)
KWEB	KraneShares CSI China Internet ETF	(\$8M)
IPAY	ETFMG Prime Mobile Payments ETFMG Prime Mobile Payments F..	(\$6M)

## Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$15B	(\$22M)	(\$867M)	(\$2,169M)	(\$3,615M)
Evolving Consumer	44	\$9B	(\$7M)	(\$769M)	(\$413M)	(\$749M)
FinTech	19	\$3B	(\$1M)	(\$95M)	(\$342M)	(\$667M)
Health Innovation	19	\$3B	\$3M	(\$114M)	(\$193M)	(\$502M)
Industrial Revolution	31	\$11B	(\$7M)	\$82M	(\$526M)	(\$1,554M)
Multi	41	\$15B	\$96M	\$182M	(\$16M)	\$479M
Sustainability	40	\$17B	(\$44M)	(\$514M)	(\$858M)	(\$1,270M)
Grand Total	228	\$72B	\$19M	(\$2,095M)	(\$4,517M)	(\$7,878M)

## Thematic Monthly Flows

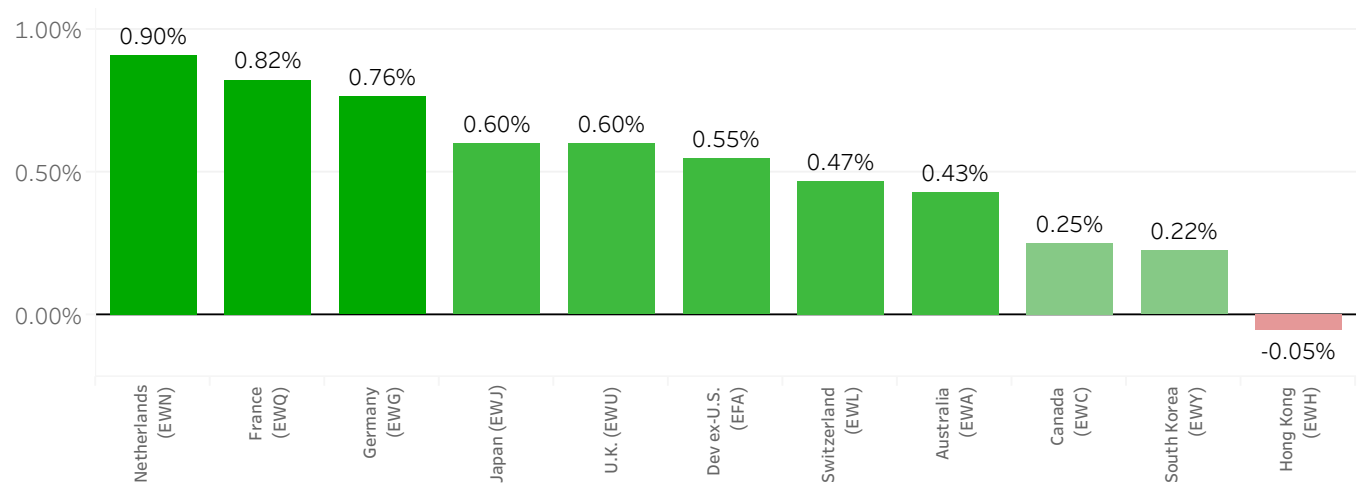


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Developed ex-U.S. (EFA)



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



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



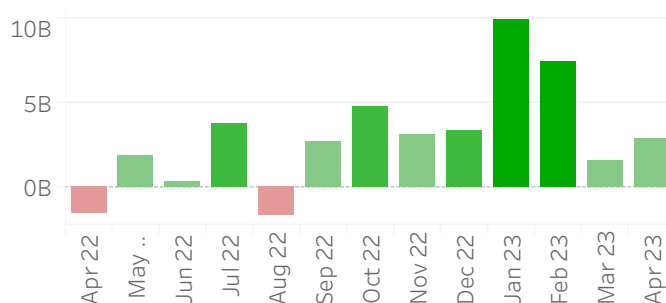
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EIRL	iShares MSCI Ireland ETF	1.63%
GREK	Global X MSCI Greece ETF	0.94%
EWN	iShares MSCI Netherlands ETF	0.90%
DAX	Global X DAX Germany ETF	0.84%
FEZ	SPDR EURO STOXX 50 ETF	0.83%
EWQ	iShares MSCI France ETF	0.82%
EWP	iShares MSCI Spain ETF	0.80%
EWD	iShares MSCI Sweden ETF	0.80%
EZU	iShares MSCI Eurozone ETF	0.78%
FIDI	Fidelity International High Dividend ETF	0.77%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EDEN	iShares MSCI Denmark ETF	75.66
EWL	iShares MSCI Switzerland ETF	74.88
FLSW	Franklin FTSE Switzerland ETF	74.63
IMFL	Invesco International Developed Dynamic Multifactor ETF	73.46
EFV	iShares MSCI EAFE Min Vol Factor ETF	72.08
QLVD	FlexShares Developed Markets ex-US Quality Low Volatility	71.63
BBCA	JPMorgan BetaBuilders Canada ETF	71.55
IDHQ	Invesco S&P International Developed High Quality ETF	71.44
EUDG	WisdomTree Europe Quality Dividend Growth Fund	71.26
EWC	iShares MSCI Canada ETF	70.99

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
AIA	iShares Asia 50 ETF	-0.34%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-0.16%
EWS	iShares MSCI Singapore ETF	-0.15%
EDEN	iShares MSCI Denmark ETF	-0.14%
IVAL	Alpha Architect International Quantitative Value ETF	-0.08%
EWH	iShares MSCI Hong Kong ETF	-0.05%
DDLS	WisdomTree Dynamic Currency Hedged International Sma..	0.00%
IEUS	iShares MSCI Europe Small-Cap ETF	0.02%
IHDG	WisdomTree International Hedged Quality Dividend Grow..	0.02%
NORW	Global X MSCI Norway ETF	0.06%

Developed ex-U.S. Most Oversold

Ticker	Fund	Value
EIS	iShares MSCI Israel ETF	43.51
MINV	Matthews Asia Innovators Active ETF	49.51
ENZL	iShares MSCI New Zealand ETF	49.63
ISRA	VanEck Israel ETF	50.48
AIA	iShares Asia 50 ETF	51.02
DFJ	WisdomTree Japan SmallCap Dividend Fund	55.72
AAXJ	iShares MSCI All Country Asia ex Japan ETF	55.92
EWS	iShares MSCI Singapore ETF	56.51
NORW	Global X MSCI Norway ETF	57.22
EWH	iShares MSCI Hong Kong ETF	57.24

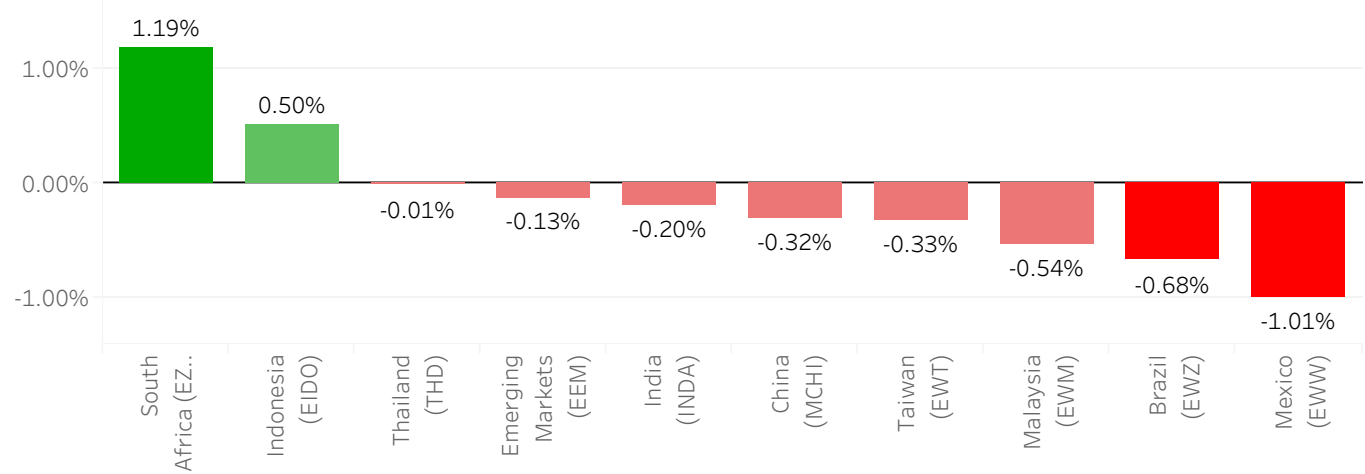
\*ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day



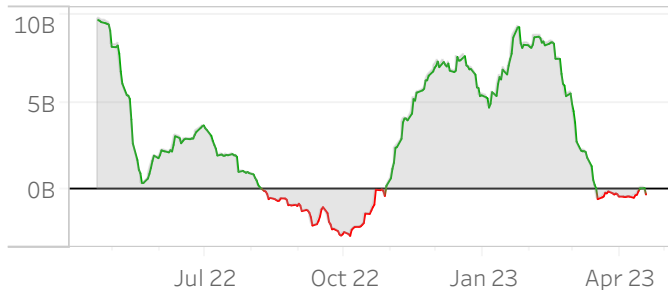
Emerging (EEM)



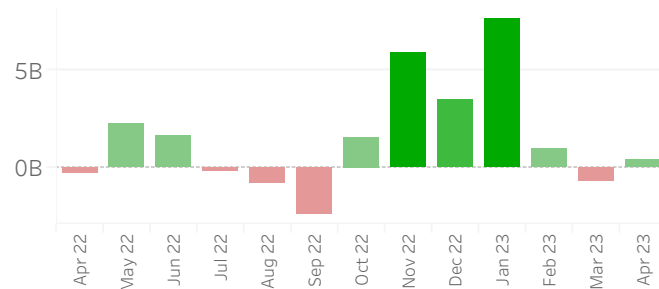
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
EPOL	iShares MSCI Poland ETF	1.97%
EZA	iShares MSCI South Africa ETF	1.19%
RAYC	Rayliant Quantamental China Equity ETF	0.86%
ECH	iShares MSCI Chile ETF	0.61%
EIDO	iShares MSCI Indonesia ETF	0.50%
DGRE	WisdomTree Emerging Markets Quality Dividend Growt..	0.48%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	0.42%
FEM	First Trust Emerging Markets AlphaDEX Fund	0.41%
DVYE	iShares Emerging Markets Dividend ETF	0.31%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	0.30%

Emerging Most Overbought

Ticker	Fund	Price
ECOW	Pacer Emerging Markets Cash Cows 100 ETF	74.02
EDIV	SPDR S&P Emerging Markets Dividend ETF	72.81
EPOL	iShares MSCI Poland ETF	72.72
DVYE	iShares Emerging Markets Dividend ETF	71.02
KSA	iShares MSCI Saudi Arabia ETF	70.83
UEVM	VictoryShares Emerging Markets Value Momentum E..	70.82
EPU	iShares MSCI Peru and Global Exposure ETF	69.54
DEM	WisdomTree Emerging Markets High Dividend Fund	69.48
EEMV	iShares MSCI Emerging Markets Min Vol Factor ETF	69.22
DFEV	Dimensional Emerging Markets Value ETF	68.67

Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
EWZS	iShares MSCI Brazil Small-Cap ETF	-2.27%
EWZ	iShares MSCI Brazil ETF	-0.68%
EWZS	iShares MSCI Brazil Small-Cap ETF	-0.69%
TUR	iShares MSCI Turkey ETF	-0.74%
EPHE	iShares MSCI Philippines ETF	-0.92%
NUEM	Nuveen ESG Emerging Markets Equity ETF	-0.80%
ECNS	iShares MSCI China Small-Cap ETF	-0.69%
EWZ	iShares MSCI Brazil ETF	-0.68%
EEMA	iShares MSCI Emerging Markets Asia ETF	-0.57%
FLLA	Franklin FTSE Latin America ETF	-0.54%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	-0.54%

Emerging Most Oversold

Ticker	Fund	Price
EPHE	iShares MSCI Philippines ETF	34.24
QAT	iShares MSCI Qatar ETF	41.70
TUR	iShares MSCI Turkey ETF	47.36
FM	iShares MSCI Frontier and Select EM ETF	48.21
PGJ	Invesco Golden Dragon China ETF	48.65
THD	iShares MSCI Thailand ETF	49.04
EWT	iShares MSCI Taiwan ETF	50.29
FEMS	First Trust Emerging Markets Small Cap AlphaDEX F..	50.77
PIN	Invesco India ETF	50.89
EWM	iShares MSCI Malaysia ETF	50.97

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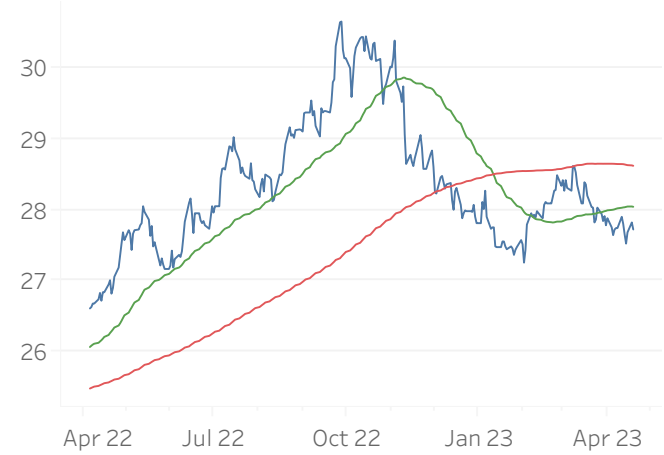
Fixed Income (AGG)



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	0.14%	-0.21%	2.87%
SHY	1-3 Year Treasury Bonds	-0.02%	-0.28%	1.46%
IEF	7-10 Year Treasury Bonds	0.16%	-0.62%	3.42%
TLT	20+ Year Treasury Bonds	0.36%	-2.23%	5.45%
TIP	TIPS Bonds	0.10%	0.88%	2.95%
FLOT	Floating Rate Bonds	0.04%	1.63%	1.58%
LQD	Investment Grade Corporate	0.33%	1.30%	4.45%
HYG	High Yield Corporate	0.07%	2.86%	3.62%
BKLN	Senior Loan	-0.10%	2.98%	4.17%
PFF	Preferred & Income Securities	0.16%	4.39%	4.38%
MUB	Municipal Bonds	-0.72%	0.05%	2.03%
MBB	MBS	0.06%	-0.95%	2.08%
EMB	Dollar Denominated EM Bonds	-0.02%	1.76%	2.10%
LEMB	Local Currency EM Bond	-0.07%	2.05%	3.21%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.55%	7.18%	-3.03%
DBE	Energy	-0.35%	10.44%	-6.13%
USO	WTI Crude Oil	-0.16%	20.58%	0.88%
BNO	Brent Crude Oil	-0.18%	17.50%	-0.04%
UNG	Natural Gas	3.09%	-5.77%	-47.87%
UGA	Gasoline	-1.31%	12.29%	3.97%
DBP	Precious Metals	0.44%	3.63%	8.55%
GLD	Gold	0.39%	1.35%	9.79%
SLV	Silver	0.56%	12.22%	5.13%
PPLT	abrdn Physical Platin..	3.22%	11.12%	0.84%
PALL	abrdn Physical Palla..	4.06%	15.97%	-8.99%
DBB	Base Metals	1.11%	3.40%	3.34%
CPER	Copper	0.44%	5.47%	8.49%
LD	Lead	1.85%	3.01%	-6.48%
JJN	Nickel	2.68%	8.68%	-14.73%
JJU	Aluminum	2.54%	6.71%	0.56%
JJT	Tin	1.00%	22.97%	10.85%
DBA	Agriculture	0.47%	7.41%	5.71%
CORN	Corn	0.59%	2.87%	-5.38%
SOYB	Soybeans	0.59%	1.10%	-3.96%
WEAT	Wheat	0.71%	-0.56%	-10.90%
CANE	Sugar	0.64%	18.23%	32.00%
BAL	Cotton	1.64%	9.49%	2.24%
NIB	Cocoa	2.45%	13.40%	20.25%
JO	Coffee	1.23%	15.30%	23.00%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.36%	-1.70%	-0.32%
UDN	Short Dollar	0.37%	2.38%	2.49%
FXE	Euro	0.39%	3.05%	2.78%
FXB	British Pound Sterling	0.46%	2.40%	3.65%
FXF	Swiss Franc	0.15%	3.19%	2.92%
FXJ	Japanese Yen	0.22%	-1.66%	-2.29%
FXC	Canadian Dollar	0.00%	2.81%	1.66%
FXA	Australian Dollar	0.34%	0.65%	-0.96%

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