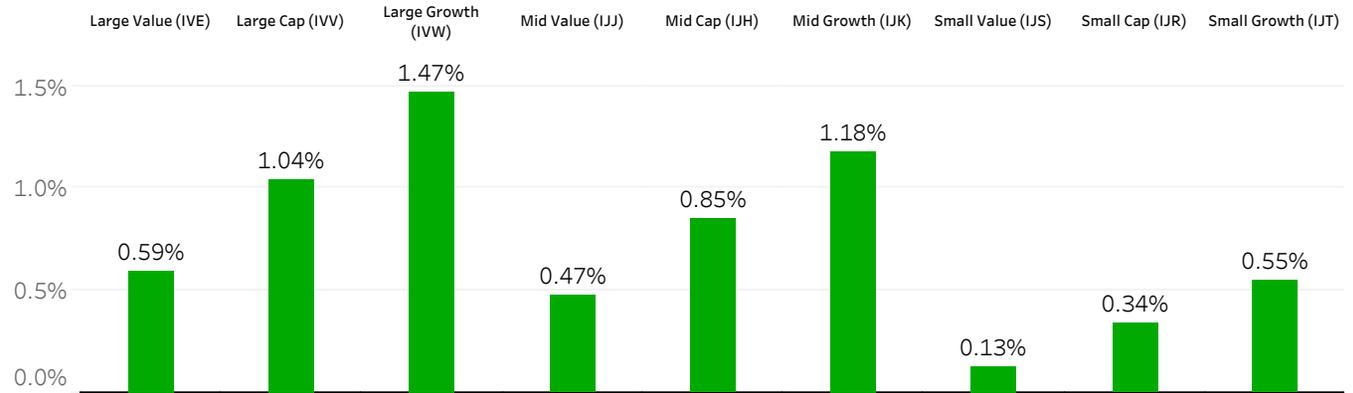


Large Cap Blend (S&P 500) IVV



U.S. Size & Style 1-Day Performance



Mid Cap Blend (S&P 400) IJH



Size & Style 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
FFTY	Innovator IBD 50 ETF	2.21%
MMLG	First Trust Multi-Manager Large Growth ETF	1.97%
SPMO	Invesco S&P 500 Momentum ETF	1.82%
QMOM	Alpha Architect U.S. Quantitative Momentum ETF	1.82%
MTUM	iShares MSCI USA Momentum Factor ETF	1.77%
QQH	HCM Defender 100 Index ETF	1.72%
PWB	Invesco Large Cap Growth ETF	1.72%
WINN	Harbor Long-Term Growers ETF	1.65%
XMMO	Invesco S&P MidCap Momentum ETF	1.63%
RPG	Invesco S&P 500 Pure Growth ETF	1.59%

Size & Style Most Overbought

Ticker	Fund	Value
SPVU	Invesco S&P 500 Enhanced Value ETF	69.67
PWV	Invesco Large Cap Value ETF	68.47
COWZ	Pacer US Cash Cows 100 ETF	67.65
TPHE	Timothy Plan High Dividend Stock Enhanced ETF	65.74
DIVZ	Opal Dividend Income ETF	65.18
TPHD	Timothy Plan High Dividend Stock ETF	64.62
GRPM	Invesco S&P MidCap 400 GARP ETF	64.56
AVLV	Avantis U.S. Large Cap Value ETF	63.77
GLRY	Inspire Momentum ETF	63.47
QVAL	Alpha Architect US Quantitative Value ETF	62.98

Small Cap Blend (S&P 600) IJR



Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
DIV	Global X SuperDividend US ETF	-0.23%
CSB	VictoryShares US Small Cap High Dividend Volatility Wtd.	-0.19%
CDC	VictoryShares US EQ Income Enhanced Volatility Wtd ETF	-0.17%
SMDV	ProShares Russell 2000 Dividend Growers ETF	-0.15%
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	-0.10%
PEY	Invesco High Yield Equity Dividend Achievers ETF	-0.10%
WBIY	WBI Power Factor High Dividend ETF	-0.09%
VIOV	Vanguard S&P Small-Cap 600 Value ETF	-0.05%
RZV	Invesco S&P Smallcap 600 Pure Value ETF	-0.04%
SLYV	SPDR S&P 600 Small Cap Value ETF	-0.01%

Size & Style Most Oversold

Ticker	Fund	Value
XSLV	Invesco S&P SmallCap Low Volatility ETF	44.78
NUMG	Nuveen ESG Mid-Cap Growth ETF	44.78
QQXT	First Trust Nasdaq-100 Ex-Technology Sector Index ..	45.08
HUSV	First Trust Horizon Managed Volatility Domestic ETF	45.21
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	45.41
AIEQ	Amplify AI Powered Equity ETF	45.52
EDOW	First Trust Dow 30 Equal Weight ETF	45.58
QQQE	Direxion NASDAQ-100 Equal Weighted Index Shares	45.79
SLYV	SPDR S&P 600 Small Cap Value ETF	45.91
DIA	SPDR Dow Jones Industrial Average ETF Trust	45.96

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

\* 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	26	\$1,856B	\$0.47B	\$45.68B	\$141.81B	\$212.68B
Large Cap, Beta, Beta: Growth	10	\$358B	(\$0.14B)	\$9.60B	\$18.16B	\$24.41B
Large Cap, Beta, Beta: Value	11	\$259B	(\$0.32B)	\$2.64B	\$8.07B	\$4.71B
Mid Cap, Beta, Beta	10	\$227B	\$0.68B	\$3.58B	\$3.62B	\$9.86B
Mid Cap, Beta, Beta: Growth	6	\$44B	\$0.45B	\$1.22B	\$2.09B	\$2.71B
Mid Cap, Beta, Beta: Value	6	\$41B	(\$0.02B)	(\$1.35B)	(\$1.37B)	(\$2.87B)
Small Cap, Beta, Beta	11	\$237B	\$0.94B	\$1.67B	\$14.87B	\$22.38B
Small Cap, Beta, Beta: Growth	7	\$39B	(\$0.05B)	\$0.89B	\$2.27B	\$2.82B
Small Cap, Beta, Beta: Value	7	\$54B	(\$0.03B)	(\$0.90B)	\$0.35B	(\$1.18B)

U.S. Size & Style Flow Leaders

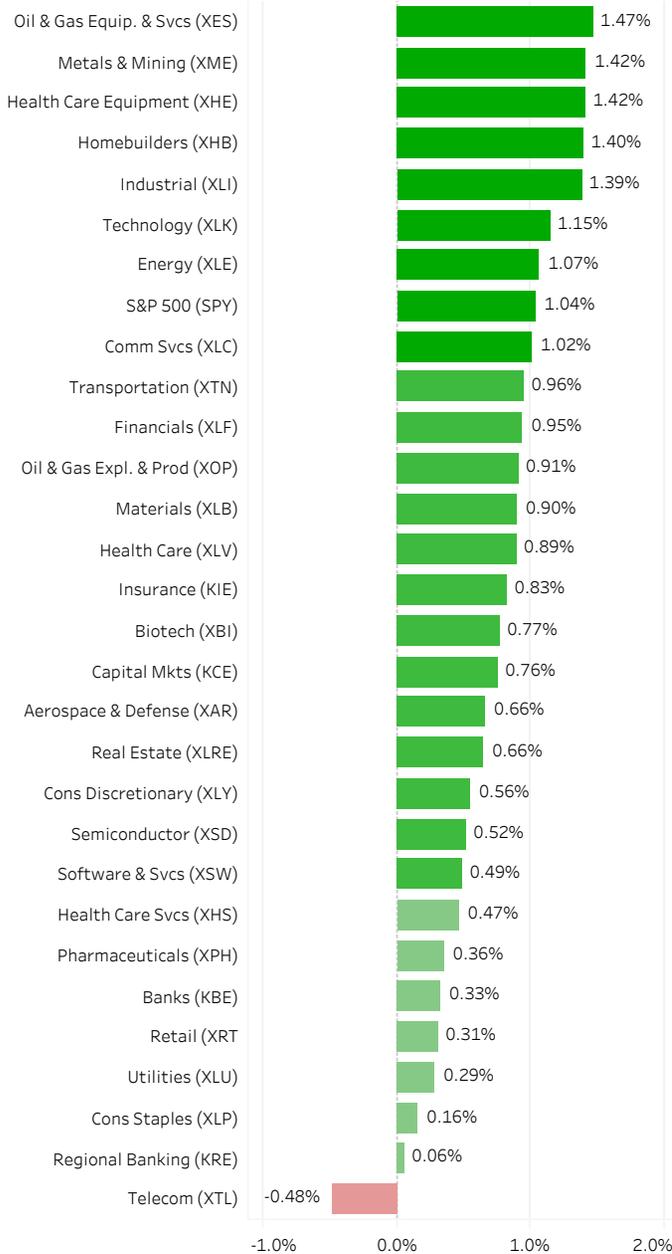
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	\$2.27B	\$23.13B	\$36.88B	\$63.51B	\$429.33B
SPY	SPDR S&P 500 ETF Trust	\$1.55B	(\$1.01B)	\$43.43B	\$50.79B	\$522.78B
COWZ	Pacer US Cash Cows 100 ETF	\$0.61B	\$2.39B	\$4.84B	\$6.42B	\$22.99B
VTI	Vanguard Total Stock Market ETF	\$0.53B	\$7.88B	\$15.55B	\$26.88B	\$381.95B
IJK	iShares S&P Mid-Cap 400 Growth ETF	\$0.35B	\$0.36B	\$0.44B	\$0.43B	\$9.55B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.34B	\$4.97B	\$9.20B	\$12.03B	\$33.19B
VTWO	Vanguard Russell 2000 ETF	\$0.32B	\$1.47B	\$2.29B	\$2.60B	\$9.48B
VO	Vanguard Mid-Cap ETF	\$0.30B	\$1.14B	\$1.99B	\$3.22B	\$63.34B
IWR	iShares Russell Midcap ETF	\$0.29B	\$0.33B	\$0.50B	\$0.48B	\$32.95B
VUG	Vanguard Growth ETF	\$0.25B	\$2.98B	\$5.10B	\$5.40B	\$116.57B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust Series I	(\$0.88B)	\$6.97B	\$12.58B	\$16.47B	\$253.69B
IWY	iShares Russell Top 200 Growth ETF	(\$0.69B)	\$0.32B	\$1.01B	\$0.86B	\$9.34B
GSLC	Goldman Sachs ActiveBeta U.S. Large Cap Eq..	(\$0.25B)	(\$0.31B)	(\$0.79B)	(\$1.27B)	\$12.08B
IVE	iShares S&P 500 Value ETF	(\$0.20B)	\$3.78B	\$4.23B	\$3.29B	\$32.74B
IWD	iShares Russell 1000 Value ETF	(\$0.19B)	(\$2.50B)	(\$0.84B)	(\$3.09B)	\$54.84B
SPLV	Invesco S&P 500 Low Volatility ETF	(\$0.15B)	(\$1.04B)	(\$1.39B)	(\$2.58B)	\$7.36B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.10B)	(\$0.68B)	\$0.93B	\$0.53B	\$33.29B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.08B)	\$0.18B	(\$0.32B)	(\$2.30B)	\$10.03B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.06B)	(\$3.85B)	(\$7.24B)	(\$7.94B)	\$24.06B
ITOT	iShares Core S&P Total U.S. Stock Market ETF	(\$0.05B)	(\$0.08B)	\$0.62B	\$1.40B	\$53.03B

\* 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)
XLE	Energy Select Sector SPDR Fund	0.00%	28.06%	10.95%	13.31%	84.26
XLB	Materials Select Sector SPDR Fund	-0.13%	24.59%	5.68%	11.76%	66.00
XLI	Industrial Select Sector SPDR Fund	-0.23%	30.31%	4.24%	13.91%	62.37
XLC	Communication Services Select Sector SPDR Fund	-0.35%	47.02%	3.38%	15.55%	62.15
SPY	SPDR S&P 500 ETF Trust	-0.91%	28.21%	2.08%	11.68%	55.02
XLF	Financial Select Sector SPDR Fund	-1.31%	32.18%	3.06%	14.42%	57.68
XLK	Technology Select Sector SPDR Fund	-2.17%	43.40%	0.26%	11.85%	48.63
XLV	Health Care Select Sector SPDR Fund	-3.14%	16.31%	-1.24%	5.57%	40.86
XLY	Consumer Discretionary Select Sector SPDR Fund	-3.34%	24.46%	-0.59%	4.42%	43.74
XLP	Consumer Staples Select Sector SPDR Fund	-4.09%	12.25%	-0.43%	2.93%	40.15
XLRE	Real Estate Select Sector SPDR Fund	-5.23%	19.23%	-1.00%	2.80%	43.75
XLU	Utilities Select Sector SPDR Fund	-6.87%	15.96%	3.99%	3.80%	61.46

## Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
PRN	Invesco Dorsey Wright Industrials Momentum ETF	2.10%
PTF	Invesco Dorsey Wright Technology Momentum ETF	1.83%
FDN	First Trust Dow Jones Internet Index Fund	1.78%
PKB	Invesco Building & Construction ETF	1.74%
AIRR	First Trust RBA American Industrial Renaissance E..	1.63%
PNQI	Invesco NASDAQ Internet ETF	1.59%
PFI	Invesco Dorsey Wright Financial Momentum ETF	1.50%
XES	SPDR S&P Oil & Gas Equipment & Services ETF	1.47%
IEZ	iShares U.S. Oil Equipment & Services ETF	1.44%
FIDU	Fidelity MSCI Industrial Index ETF	1.44%

## Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IEO	iShares U.S. Oil & Gas Exploration & Production ETF	86.50
FTXN	First Trust Nasdaq Oil & Gas ETF	85.65
IYE	iShares U.S. Energy ETF	85.13
FXN	First Trust Energy AlphaDEX Fund	84.35
XLE	Energy Select Sector SPDR Fund	84.26
FENY	Fidelity MSCI Energy Index ETF	83.97
RSPG	Invesco S&P 500 Equal Weight Energy ETF	83.94
PXE	Invesco Energy Exploration & Production ETF	83.67
VDE	Vanguard Energy ETF	82.73
FCG	First Trust Natural Gas ETF	82.17

## Sector & Industry 1 Day Performance Laggards

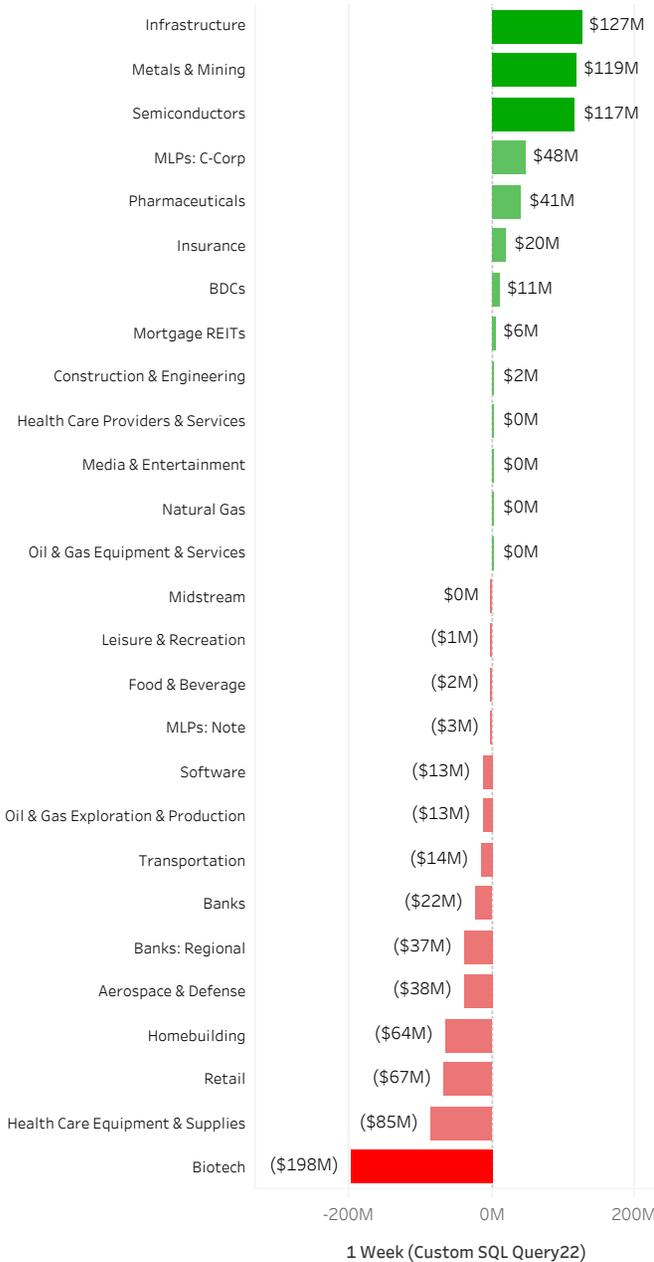
Ticker	Fund	1 Day Performance
XTL	SPDR S&P Telecom ETF	-0.48%
IYZ	iShares U.S. Telecommunications ETF	-0.37%
TPYP	Tortoise North American Pipeline Fund	-0.32%
PSCC	Invesco S&P SmallCap Consumer Staples ETF	-0.30%
MLPA	Global X MLP ETF	-0.29%
AMPL	Alerian MLP ETF	-0.27%
KBWR	Invesco KBW Regional Banking ETF	-0.24%
QABA	First Trust NASDAQ ABA Community Bank Index Fund	-0.22%
ENFR	Alerian Energy Infrastructure ETF	-0.17%
FTXG	First Trust Nasdaq Food & Beverage ETF	-0.16%

## Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IYZ	iShares U.S. Telecommunications ETF	33.19
XTL	SPDR S&P Telecom ETF	36.51
PBE	Invesco Biotechnology & Genome ETF	36.62
IHF	iShares U.S. Healthcare Providers ETF	36.81
IBB	iShares Biotechnology ETF	37.10
PSCC	Invesco S&P SmallCap Consumer Staples ETF	37.83
XPH	SPDR S&P Pharmaceuticals ETF	38.02
XBI	SPDR S&P BIOTECH ETF	38.78
XLP	Consumer Staples Select Sector SPDR Fund	40.15
XLV	Health Care Select Sector SPDR Fund	40.86

\* 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	7	\$24B	\$200M	\$523M	\$1,220M	\$3,944M
Consumer Discretionary	12	\$30B	\$368M	\$1,048M	\$1,073M	\$3,119M
Consumer Staples	10	\$25B	(\$429M)	(\$1,366M)	(\$3,965M)	(\$4,971M)
Energy	30	\$81B	\$581M	(\$258M)	(\$457M)	(\$4,216M)
Financials	26	\$65B	\$273M	(\$1,669M)	(\$502M)	(\$1,336M)
Health Care	23	\$90B	(\$267M)	(\$789M)	(\$3,345M)	(\$6,267M)
Industrial	13	\$41B	\$496M	\$1,720M	\$2,353M	\$2,687M
Materials	9	\$13B	\$64M	(\$319M)	(\$789M)	(\$2,684M)
Multi-Sector	16	\$24B	(\$117M)	\$1,424M	\$1,161M	\$3,421M
Real Estate	25	\$60B	\$67M	\$1,232M	\$3,788M	\$2,537M
Technology	23	\$194B	\$358M	\$6,626M	\$11,672M	\$11,740M
Utilities	9	\$20B	\$21M	(\$2,428M)	(\$3,809M)	(\$3,854M)

## U.S. Sector & Industry Flow Leaders

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	\$534M	(\$365M)	(\$287M)	(\$3,150M)	\$41,179M
XLI	Industrial Select Sector SPDR Fund	\$487M	\$1,160M	\$1,185M	\$1,525M	\$18,319M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$432M	\$835M	\$1,118M	\$2,579M	\$19,815M
XLF	Financial Select Sector SPDR Fund	\$358M	\$366M	\$482M	\$240M	\$37,886M
XLC	Communication Services Select Sector SPDR Fu..	\$189M	\$387M	\$1,218M	\$3,542M	\$18,385M
SOXX	iShares Semiconductor ETF	\$125M	\$432M	\$701M	\$762M	\$12,439M
XME	SPDR S&P Metals & Mining ETF	\$119M	(\$28M)	\$59M	(\$425M)	\$2,008M
VGT	Vanguard Information Technology ETF	\$119M	\$1,944M	\$2,992M	\$2,311M	\$64,587M
XLK	Technology Select Sector SPDR Fund	\$106M	\$2,434M	\$4,590M	\$4,311M	\$64,085M
PAVE	Global X U.S. Infrastructure Development ETF	\$105M	\$905M	\$828M	\$1,587M	\$7,382M

## U.S. Sector & Industry Flow Laggards

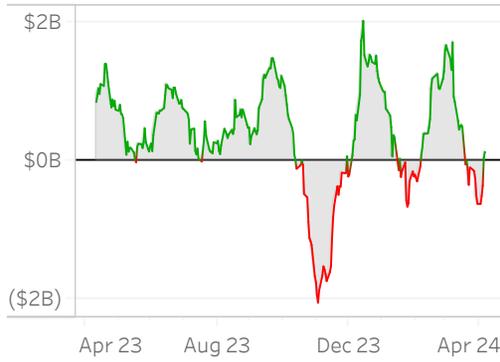
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLP	Consumer Staples Select Sector SPDR Fund	(\$411M)	(\$919M)	(\$2,581M)	(\$2,221M)	\$14,761M
FDN	First Trust Dow Jones Internet Index Fund	(\$182M)	(\$172M)	(\$557M)	\$466M	\$6,152M
XBI	SPDR S&P BIOTECH ETF	(\$160M)	\$66M	\$119M	(\$266M)	\$6,990M
KCE	SPDR S&P Capital Markets ETF	(\$88M)	(\$66M)	(\$163M)	\$50M	\$234M
IHI	iShares U.S. Medical Devices ETF	(\$82M)	(\$108M)	(\$378M)	(\$713M)	\$5,473M
ITB	iShares U.S. Home Construction ETF	(\$81M)	\$468M	\$372M	\$490M	\$3,101M
XRT	SPDR S&P Retail ETF	(\$67M)	(\$42M)	\$10M	(\$67M)	\$421M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$63M)	(\$16M)	\$291M	(\$231M)	\$4,232M
XLB	Materials Select Sector SPDR Fund	(\$55M)	(\$226M)	(\$193M)	(\$278M)	\$5,716M
XLRE	Real Estate Select Sector SPDR Fund	(\$46M)	\$365M	\$1,274M	\$1,130M	\$5,903M

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

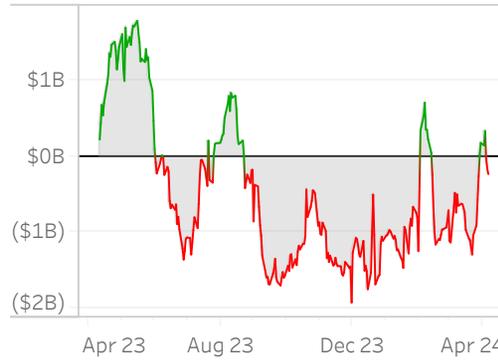
Communication Services



Consumer Discretionary



Consumer Staples



Energy



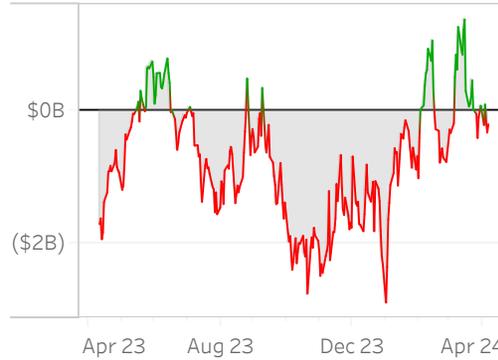
Financials



Industrial



Health Care



Materials



Real Estate



Technology



Utilities

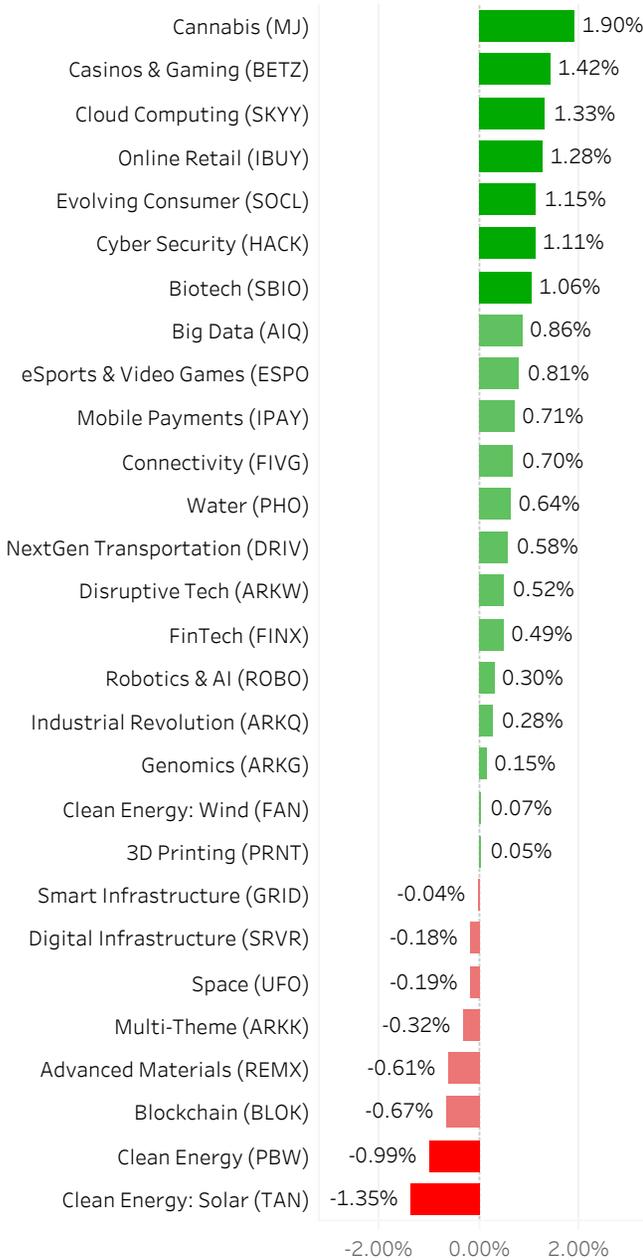


Multi-Sector

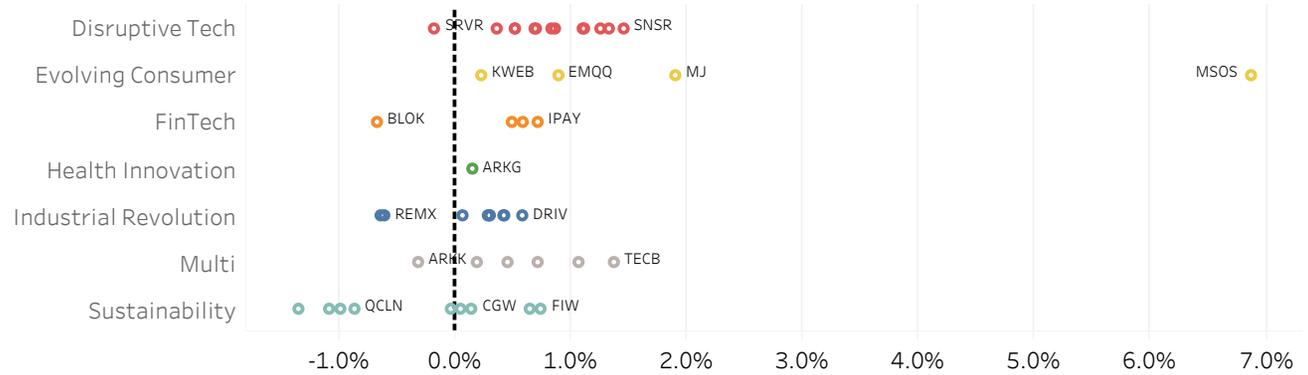


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## Global Thematic Segment 1-Day Performance



## Global Thematic 1-Day Performance Landscape



### Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
MJUS	Amplify U.S. Alternative Harvest ETF	7.54%
MSOS	AdvisorShares Pure US Cannabis ETF	6.86%
YOLO	AdvisorShares Pure Cannabis ETF	2.42%
MJ	Amplify Alternative Harvest ETF	1.90%
SPRX	Spear Alpha ETF	1.73%
ENTR	ERShares Entrepreneurs ETF	1.72%
AWAY	Amplify Travel Tech ETF	1.65%
MILN	Global X Millennial Consumer ETF	1.47%
SNSR	Global X Internet of Things ETF	1.45%
BETZ	Roundhill Sports Betting & iGaming ETF	1.42%

### Thematic Most Overbought

Ticker	Fund	Price
YOLO	AdvisorShares Pure Cannabis ETF	65.18
SAMT	Strategas Macro Thematic Opportunities ETF	61.75
MJ	Amplify Alternative Harvest ETF	61.66
EMQQ	EMQQ The Emerging Markets Internet & Ecommerce ETF	59.14
EVX	VanEck Environmental Services ETF	58.68
AWAY	Amplify Travel Tech ETF	58.32
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	58.21
FIW	First Trust Water ETF	57.49
MSOS	AdvisorShares Pure US Cannabis ETF	57.20
GBUY	Goldman Sachs Future Consumer Equity ETF	56.30

### Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
CRPT	First Trust SkyBridge Crypto Industry & Digital Econo..	-3.68%
DAPP	VanEck Digital Transformation ETF	-2.50%
FDIG	Fidelity Crypto Industry and Digital Payments ETF	-2.35%
WGMI	Valkyrie Bitcoin Miners ETF	-1.69%
BITQ	Bitwise Crypto Industry Innovators ETF	-1.59%
TAN	Invesco Solar ETF	-1.35%
BKCH	Global X Blockchain ETF	-1.31%
ICLN	iShares Global Clean Energy ETF	-1.09%
ACES	ALPS Clean Energy ETF	-1.05%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	-1.00%

### Thematic Most Oversold

Ticker	Fund	Price
SRVR	Pacer Data & Infrastructure Real Estate ETF	31.70
ARKG	ARK Genomic Revolution ETF	32.09
GNOM	Global X Genomics & Biotechnology ETF	36.28
ARKK	ARK Innovation ETF	37.15
IDNA	iShares Genomics Immunology and Healthcare ETF	38.22
DTCR	Global X Data Center And Digital Infrastructure ETF	39.37
WCLD	WisdomTree Cloud Computing Fund	39.57
BOTZ	Global X Robotics & Artificial Intelligence ETF	39.67
SMOG	VanEck Low Carbon Energy ETF	39.82
CLOU	Global X Cloud Computing ETF	39.89

\* 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	Flow
HACK	Amplify Cybersecurity ETF	\$61M
MSOS	AdvisorShares Pure US Cannabis ETF	\$42M
AIQ	Global X Artificial Intelligence & Technology ETF	\$41M
DGIN	VanEck Digital India ETF	\$7M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$6M
THNO	ROBO Global Artificial Intelligence ETF	\$3M
FFLC	Fidelity Fundamental Large Cap Core ETF	\$3M
ARKG	ARK Genomic Revolution ETF	\$3M
PBW	Invesco WilderHill Clean Energy ETF	\$3M
FCLD	Fidelity Cloud Computing ETF	\$2M

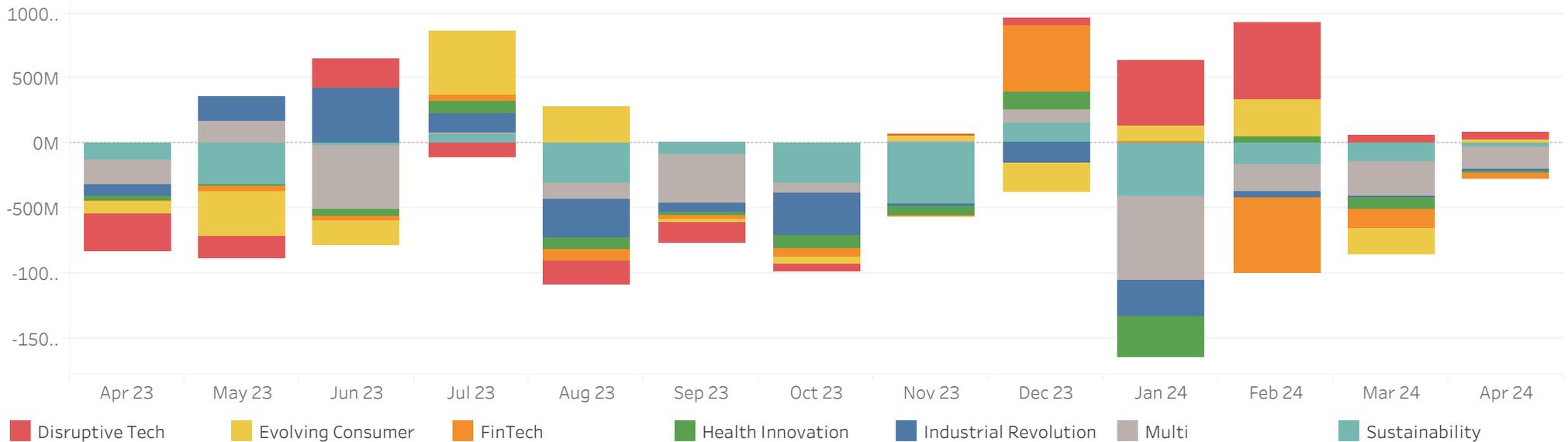
### Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
ARKK	ARK Innovation ETF	(\$148M)
SKYY	First Trust Cloud Computing ETF	(\$29M)
KOMP	SPDR S&P Kensho New Economies Composite ETF	(\$28M)
ARKF	ARK Fintech Innovation ETF	(\$19M)
LIT	Global X Lithium & Battery Tech ETF	(\$19M)
WGMJ	Valkyrie Bitcoin Miners ETF	(\$12M)
SOCL	Global X Social Media ETF	(\$12M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$12M)
ICLN	iShares Global Clean Energy ETF	(\$11M)
IPAY	Amplify Mobile Payments ETF	(\$10M)

### Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	33	\$20B	\$22M	\$1,211M	\$1,228M	\$528M
Evolving Consumer	34	\$9B	\$40M	\$258M	\$16M	\$150M
FinTech	17	\$3B	(\$31M)	(\$741M)	(\$277M)	(\$503M)
Health Innovation	17	\$2B	(\$1M)	(\$352M)	(\$394M)	(\$510M)
Industrial Revolution	29	\$10B	(\$28M)	(\$222M)	(\$833M)	(\$560M)
Multi	33	\$15B	(\$150M)	(\$1,026M)	(\$1,302M)	(\$2,238M)
Sustainability	39	\$12B	(\$24M)	(\$661M)	(\$1,298M)	(\$2,154M)
<b>Grand Total</b>	<b>202</b>	<b>\$72B</b>	<b>(\$173M)</b>	<b>(\$1,533M)</b>	<b>(\$2,861M)</b>	<b>(\$5,288M)</b>

### Thematic Monthly Flows

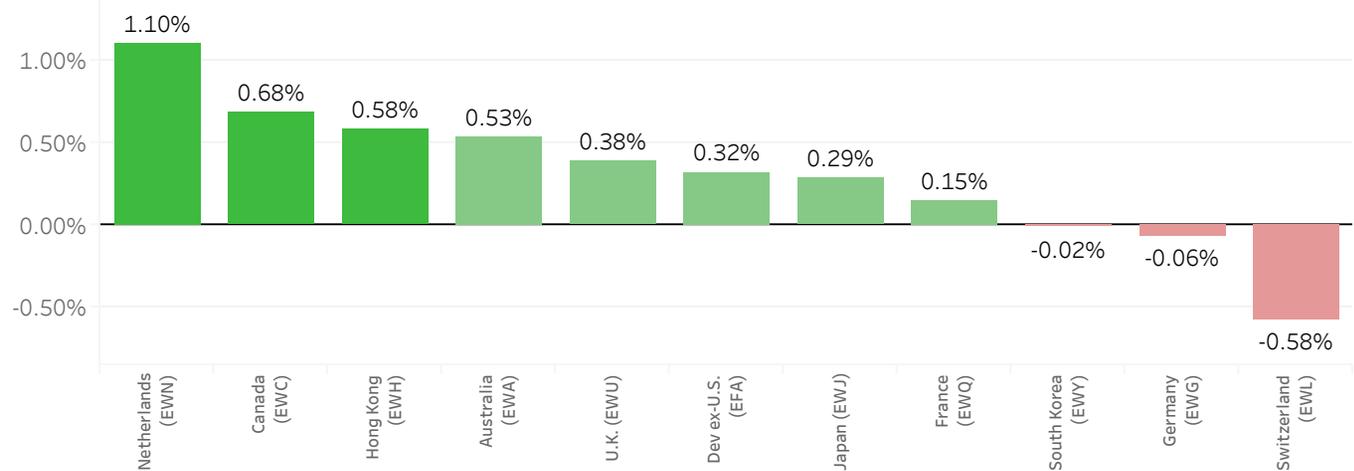


\* ETF Landscape represented using the ETF Action classification system\*\*Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify \*\*\*Flows delayed one day

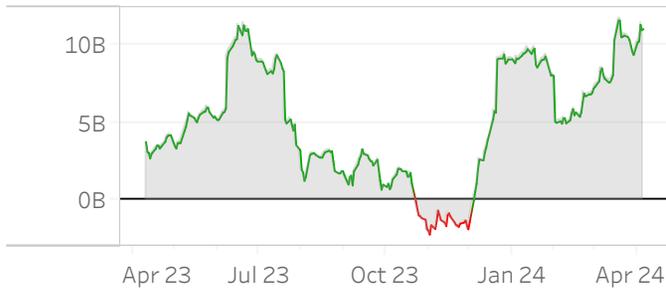
Developed ex-U.S. (EFA)



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



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



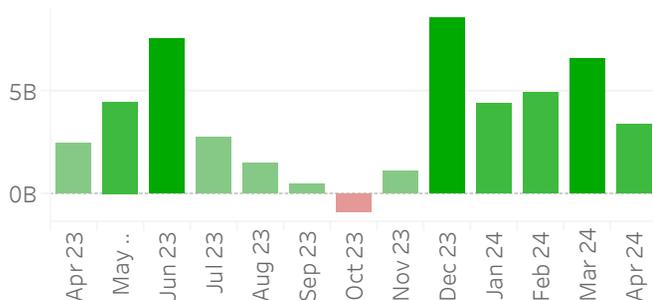
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EIRL	iShares MSCI Ireland ETF	1.22%
NORW	Global X MSCI Norway ETF	1.16%
EWN	iShares MSCI Netherlands ETF	1.10%
GREK	Global X MSCI Greece ETF	0.98%
ENZL	iShares MSCI New Zealand ETF	0.88%
EDEN	iShares MSCI Denmark ETF	0.85%
TOK	iShares MSCI Kokusai ETF	0.79%
DXJS	WisdomTree Japan Hedged SmallCap Equity Fund	0.76%
EWS	iShares MSCI Singapore ETF	0.71%
FLCA	Franklin FTSE Canada ETF Franklin FTSE Canada Fund	0.70%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
FDD	First Trust Stoxx European Select Dividend Index Fund	73.30
EWO	iShares MSCI Austria ETF	71.38
DFIV	Dimensional International Value ETF	71.27
DISV	Dimensional International Small Cap Value ETF	66.66
AVIV	Avantis International Large Cap Value ETF	65.84
AVDV	Avantis International Small Cap Value ETF	65.01
EWU	iShares MSCI United Kingdom ETF	64.22
ISVL	iShares International Developed Small Cap Value Factor E..	64.17
NORW	Global X MSCI Norway ETF	63.65
LVHI	Franklin International Low Volatility High Dividend Index ..	63.59

Developed ex-U.S. Monthly Flows



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

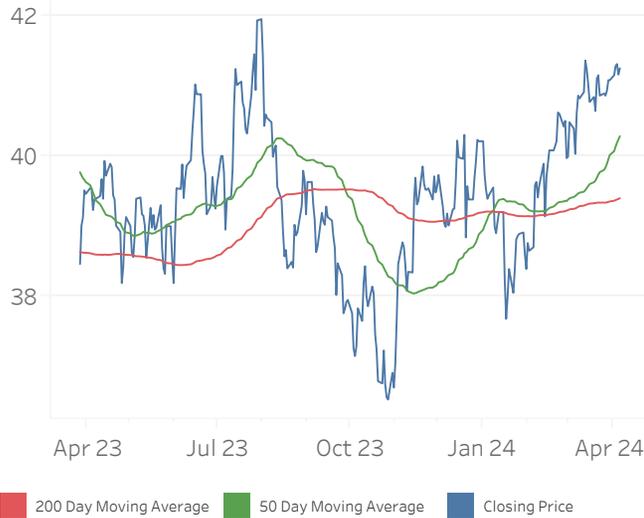
Ticker	Fund	1-Day Performance
EWL	iShares MSCI Switzerland ETF	-0.58%
EWP	iShares MSCI Spain ETF	-0.47%
IDOG	ALPS International Sector Dividend Dogs ETF	-0.27%
IDHQ	Invesco S&P International Developed High Quality ETF	-0.26%
IDV	iShares International Select Dividend ETF	-0.14%
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	-0.10%
FKU	First Trust United Kingdom AlphaDEX Fund	-0.09%
DAX	Global X DAX Germany ETF	-0.09%
EWG	iShares MSCI Germany ETF	-0.06%
FLKR	Franklin FTSE South Korea ETF	-0.03%

Developed ex-U.S. Most Oversold

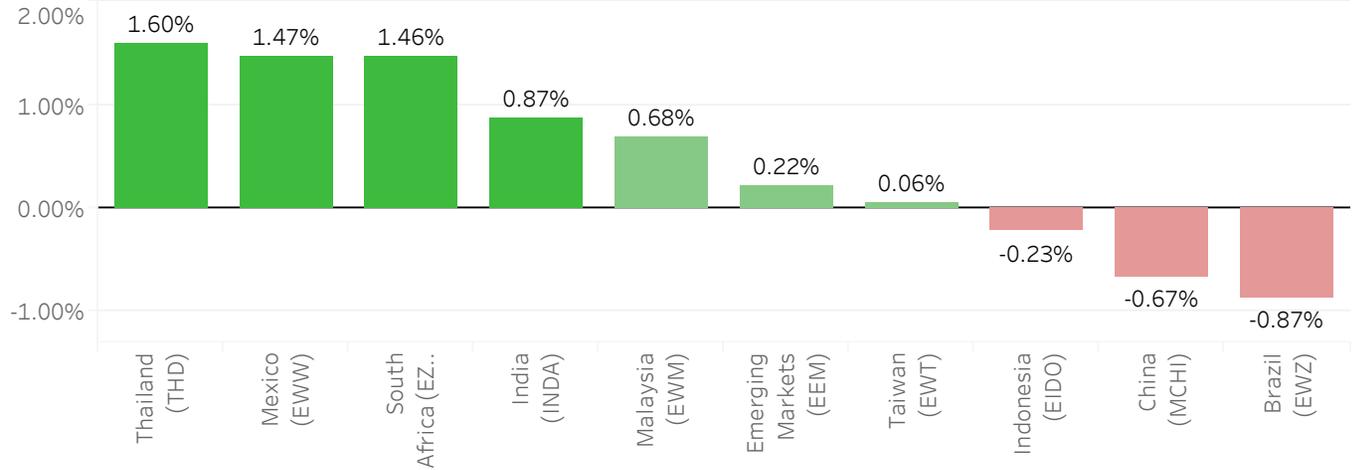
Ticker	Fund	Value
EIS	iShares MSCI Israel ETF	35.65
BKCI	BNY Mellon Concentrated International ETF	36.91
EWL	iShares MSCI Switzerland ETF	38.57
EFAD	ProShares MSCI EAFE Dividend Growers ETF	40.25
EWH	iShares MSCI Hong Kong ETF	40.37
FICS	First Trust International Developed Capital Strengt..	40.75
ISRA	VanEck Israel ETF	40.84
GREK	Global X MSCI Greece ETF	41.08
IDLV	Invesco S&P International Developed Low Volatility ..	41.56
EFAV	iShares MSCI EAFE Min Vol Factor ETF	42.19

\* 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



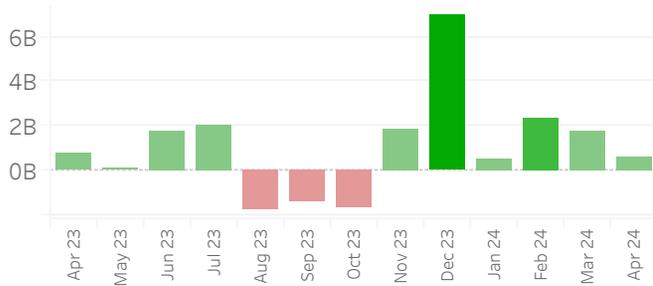
Emerging 1-Day Performance Leaders

Ticker	Fund	Performance
TUR	iShares MSCI Turkey ETF	5.23%
THD	iShares MSCI Thailand ETF	1.60%
EWW	iShares MSCI Mexico ETF	1.47%
EZA	iShares MSCI South Africa ETF	1.46%
PIE	Invesco Dorsey Wright Emerging Markets Momentum E..	1.38%
SMIN	iShares MSCI India Small Cap ETF	1.30%
EPOL	iShares MSCI Poland ETF	1.21%
GLIN	VanEck India Growth Leaders ETF	1.12%
DGRE	WisdomTree Emerging Markets Quality Dividend Growt..	1.02%
EPI	WisdomTree India Earnings Fund	1.00%

Emerging Most Overbought

Ticker	Fund	Value
EWW	iShares MSCI Mexico ETF	70.75
PIE	Invesco Dorsey Wright Emerging Markets Momentu..	68.62
TUR	iShares MSCI Turkey ETF	68.17
ARGT	Global X MSCI Argentina ETF	68.16
EPU	iShares MSCI Peru and Global Exposure ETF	67.71
SMIN	iShares MSCI India Small Cap ETF	67.61
DFEV	Dimensional Emerging Markets Value ETF	67.25
FM	iShares Frontier and Select EM ETF	67.12
FRDM	Freedom 100 Emerging Markets ETF	66.35
FLIN	Franklin FTSE India ETF	66.03

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	Performance
ECNS	iShares MSCI China Small-Cap ETF	-2.05%
EPHE	iShares MSCI Philippines ETF	-1.20%
FLBR	Franklin FTSE Brazil ETF Franklin FTSE Brazil Fund	-0.89%
EWZ	iShares MSCI Brazil ETF	-0.87%
EWZS	iShares MSCI Brazil Small-Cap ETF	-0.85%
GXC	SPDR S&P China ETF	-0.71%
MCHI	iShares MSCI China ETF	-0.67%
DVYE	iShares Emerging Markets Dividend ETF	-0.65%
FLCH	Franklin FTSE China ETF	-0.63%
ECH	iShares MSCI Chile ETF	-0.58%

Emerging Most Oversold

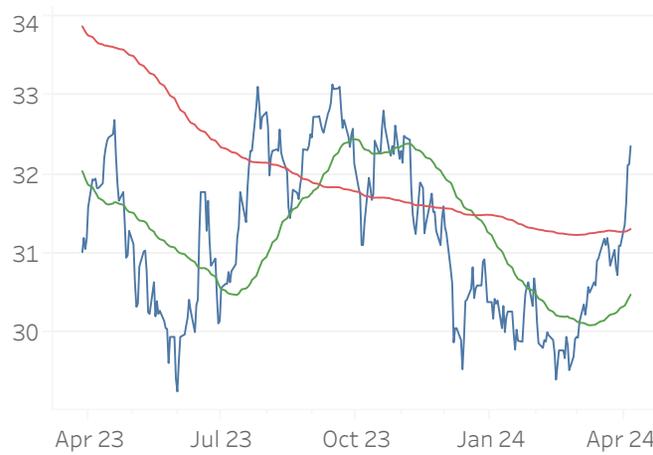
Ticker	Fund	Value
EPHE	iShares MSCI Philippines ETF	31.63
QAT	iShares MSCI Qatar ETF	37.02
EIDO	iShares MSCI Indonesia ETF	38.48
FLBR	Franklin FTSE Brazil ETF Franklin FTSE Brazil Fund	40.19
EWZ	iShares MSCI Brazil ETF	40.31
EWZS	iShares MSCI Brazil Small-Cap ETF	41.47
VNM	VanEck Vietnam ETF	43.92
KWT	iShares MSCI Kuwait ETF	44.24
ECNS	iShares MSCI China Small-Cap ETF	44.30
EDIV	SPDR S&P Emerging Markets Dividend ETF	45.62

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

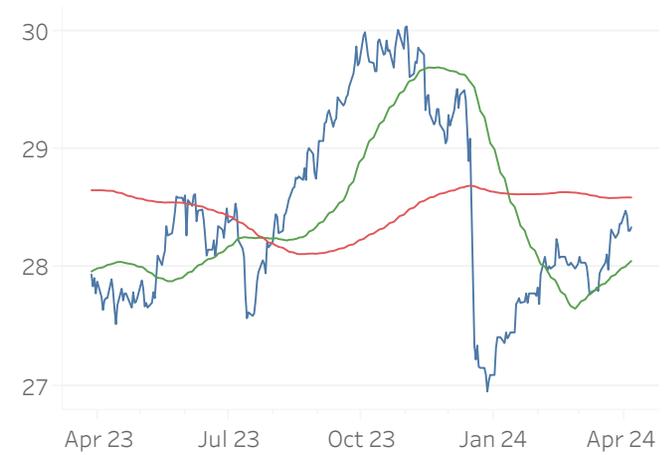
Fixed Income (AGG)



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	-0.49%	-0.87%	-1.72%
SHY	1-3 Year Treasury Bonds	-0.16%	0.03%	0.12%
IEF	7-10 Year Treasury Bonds	-0.66%	-1.43%	-2.59%
TLT	20+ Year Treasury Bonds	-1.39%	-3.91%	-6.68%
TIP	TIPS Bonds	-0.42%	-0.77%	-0.74%
FLOT	Floating Rate Bonds	0.02%	0.58%	2.02%
LQD	Investment Grade Corporate	-0.44%	-0.80%	-2.21%
HYG	High Yield Corporate	-0.09%	0.15%	0.84%
BKLN	Senior Loan	0.19%	0.50%	1.63%
PFF	Preferred & Income Securities	-0.06%	0.80%	4.41%
MUB	Municipal Bonds	-0.38%	-1.21%	-1.10%
MBB	MBS	-0.66%	-1.09%	-2.19%
EMB	Dollar Denominated EM Bonds	0.16%	1.22%	1.48%
LEMB	Local Currency EM Bond	-0.02%	0.31%	-1.33%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	0.70%	7.03%	6.47%
DBE	Energy	0.05%	8.04%	12.09%
USO	WTI Crude Oil	0.16%	12.19%	23.63%
BNO	Brent Crude Oil	0.21%	12.07%	22.41%
UNG	Natural Gas	-0.20%	-15.08%	-26.68%
UGA	Gasoline	-0.27%	10.76%	19.67%
DBP	Precious Metals	1.78%	10.42%	13.15%
GLD	Gold	1.71%	9.10%	12.54%
SLV	Silver	2.20%	15.51%	14.92%
PPLT	abrdrn Physical Platin..	-0.15%	5.25%	-6.29%
PALL	abrdrn Physical Palla..	-1.67%	5.74%	-8.71%
DBB	Base Metals	0.79%	9.48%	4.10%
CPER	Copper	1.07%	10.91%	9.94%
DBA	Agriculture	1.13%	13.02%	20.93%
CORN	Corn	-0.45%	2.79%	-7.70%
SOYB	Soybeans	0.20%	3.67%	-6.85%
WEAT	Wheat	1.49%	5.41%	-8.54%
CANE	Sugar	-1.57%	3.71%	6.09%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.11%	1.18%	4.61%
UDN	Short Dollar	0.02%	-0.28%	-2.12%
FXE	Euro	-0.01%	-0.01%	-1.21%
FXB	British Pound Sterling	-0.02%	-0.29%	-0.03%
FXF	Swiss Franc	-0.12%	-2.12%	-6.72%
FXY	Japanese Yen	-0.26%	-1.15%	-7.16%
FXC	Canadian Dollar	-0.27%	0.25%	-1.86%
FXA	Australian Dollar	-0.02%	1.28%	-3.05%

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

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