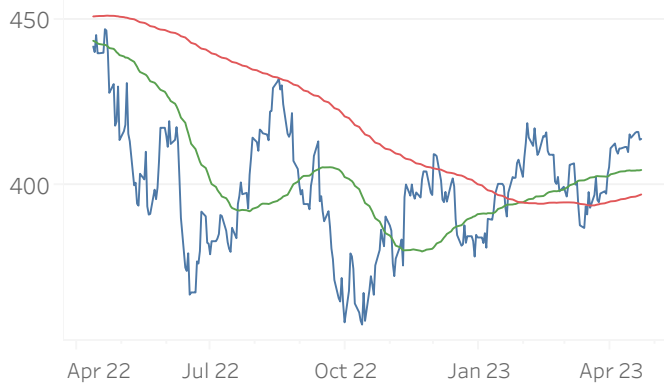


Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

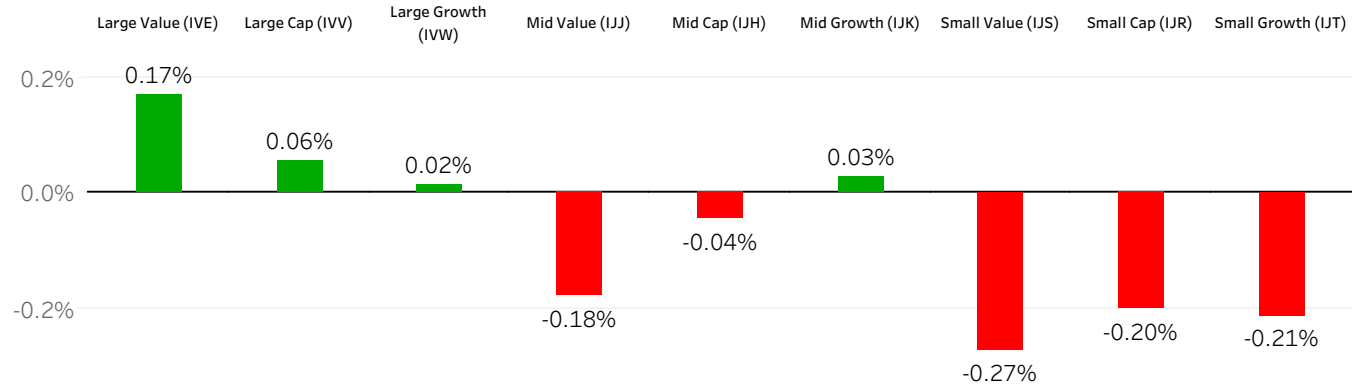


Small Cap Blend (S&P 600) IJR



■ 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
LCG	Sterling Capital Focus Equity ETF	0.84%
USNZ	Xtrackers Net Zero Pathway Paris Aligned US Equity ETF	0.75%
AIEQ	AI Powered Equity ETF	0.68%
FFTY	Innovator IBD 50 ETF	0.67%
VBK	Vanguard Small-Cap Growth ETF	0.54%
TMFS	Motley Fool Small-Cap Growth ETF	0.44%
HKND	Humankind US Stock ETF	0.42%
IWO	iShares Russell 2000 Growth ETF	0.39%
VTWG	Vanguard Russell 2000 Growth ETF	0.39%
ACSI	American Customer Satisfaction ETF	0.38%

Size & Style Most Overbought

Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	68.30
HUSV	First Trust Horizon Managed Volatility Domestic ETF	66.27
CGDV	Capital Group Dividend Value ETF	65.94
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	65.42
QLV	FlexShares US Quality Low Volatility Index Fund	64.76
FDLO	Fidelity Low Volatility Factor ETF	64.37
VIG	Vanguard Dividend Appreciation ETF	64.00
QDEF	FlexShares Quality Dividend Defensive Index Fund	63.68
XRLV	Invesco S&P 500 ex-Rate Sensitive Low Volatility ETF	63.59
CWS	AdvisorShares Focused Equity ETF	63.48

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
QVAL	Alpha Architect US Quantitative Value ETF	-1.30%
CALF	Pacer US Small Cap Cash Cows 100 ETF	-1.13%
EQRR	ProShares Equities for Rising Rates ETF	-1.11%
XSVM	Invesco S&P SmallCap Value with Momentum ETF	-1.04%
SDVY	First Trust SMID Cap Rising Dividend Achievers ETF	-0.86%
FDM	First Trust Dow Jones Select MicroCap Index Fund	-0.85%
XMVM	Invesco S&P MidCap Value with Momentum ETF	-0.77%
XSMO	Invesco S&P SmallCap Momentum ETF	-0.72%
SVAL	iShares US Small Cap Value Factor ETF	-0.70%
SYLD	Cambria Shareholder Yield ETF	-0.69%

Size & Style Most Oversold

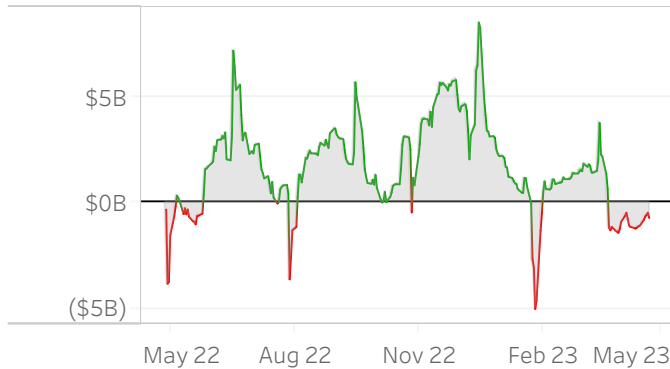
Ticker	Fund	Price
FDM	First Trust Dow Jones Select MicroCap Index Fund	39.15
SVAL	iShares US Small Cap Value Factor ETF	40.00
XSLV	Invesco S&P SmallCap Low Volatility ETF	40.11
AIEQ	AI Powered Equity ETF	41.52
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	42.59
XMVM	Invesco S&P MidCap Value with Momentum ETF	42.94
RDIV	Invesco S&P Ultra Dividend Revenue ETF	44.00
XSVM	Invesco S&P SmallCap Value with Momentum ETF	44.35
RZV	Invesco S&P Smallcap 600 Pure Value ETF	44.64
DIV	Global X SuperDividend US ETF	44.70

*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	\$1,281B	(\$1.91B)	\$1.50B	(\$1.50B)	\$63.04B
Large Cap, Beta, Beta: Growth	10	\$245B	\$0.05B	\$2.61B	\$9.13B	\$22.56B
Large Cap, Beta, Beta: Value	11	\$220B	(\$0.32B)	(\$2.96B)	(\$3.52B)	\$3.67B
Mid Cap, Beta, Beta	10	\$184B	\$0.04B	\$1.10B	\$5.16B	\$10.93B
Mid Cap, Beta, Beta: Growth	6	\$33B	(\$0.02B)	\$0.08B	(\$0.32B)	\$0.98B
Mid Cap, Beta, Beta: Value	6	\$39B	\$0.09B	(\$0.31B)	(\$0.30B)	\$0.82B
Small Cap, Beta, Beta	13	\$188B	\$0.27B	\$0.22B	\$2.61B	\$1.95B
Small Cap, Beta, Beta: Growth	7	\$32B	\$0.09B	(\$0.16B)	\$0.45B	\$1.46B
Small Cap, Beta, Beta: Value	7	\$48B	(\$0.08B)	(\$0.46B)	\$0.65B	(\$0.41B)

U.S. Size & Style Flow Leaders

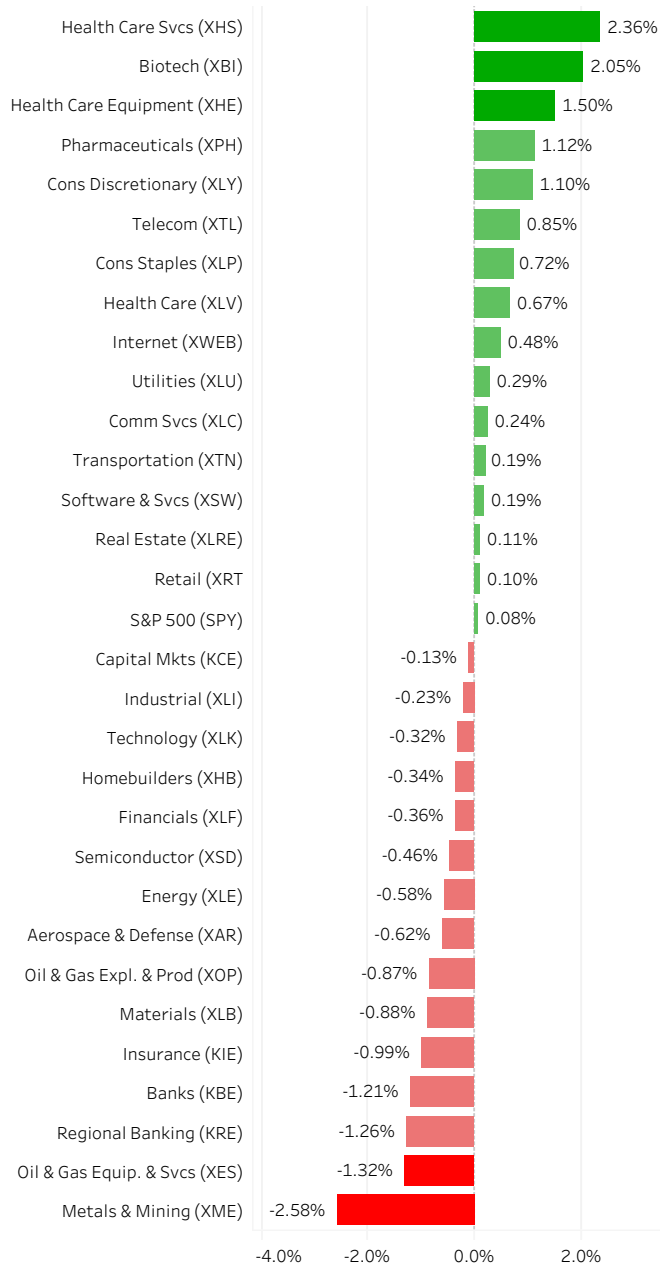
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VOO	Vanguard S&P 500 ETF	\$0.72B	\$6.26B	\$7.64B	\$33.31B	\$289.51B
IVV	iShares Core S&P 500 ETF	\$0.60B	(\$1.84B)	(\$3.61B)	\$16.31B	\$308.71B
IJR	iShares Core S&P Small Cap ETF	\$0.46B	\$0.59B	\$1.94B	\$2.84B	\$66.08B
SPSM	SPDR Portfolio S&P 600 Small Cap ETF	\$0.36B	\$0.61B	\$1.06B	\$1.24B	\$5.31B
VTI	Vanguard Total Stock Market ETF	\$0.27B	\$2.35B	\$7.98B	\$20.53B	\$283.58B
XLG	Invesco S&P 500 Top 50 ETF	\$0.25B	\$0.14B	\$0.05B	\$0.05B	\$2.14B
SPLG	SPDR Portfolio S&P 500 ETF	\$0.18B	\$0.87B	\$1.52B	\$3.03B	\$16.74B
DFAC	Dimensional U.S. Core Equity 2 ETF	\$0.18B	\$1.21B	\$2.46B	\$4.15B	\$18.58B
VTV	Vanguard Value ETF	\$0.17B	\$2.26B	(\$0.95B)	\$4.46B	\$102.26B
QUAL	iShares MSCI USA Quality Factor ETF	\$0.16B	\$8.47B	\$8.16B	\$6.19B	\$28.13B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	(\$1.21B)	\$2.54B	(\$2.53B)	(\$0.37B)	\$168.92B
IWD	iShares Russell 1000 Value ETF	(\$0.54B)	(\$2.22B)	(\$3.64B)	(\$2.77B)	\$50.40B
ESGU	iShares ESG Aware MSCI USA ETF	(\$0.35B)	(\$6.39B)	(\$7.57B)	(\$8.71B)	\$13.58B
IWF	iShares Russell 1000 Growth ETF	(\$0.31B)	(\$1.55B)	(\$1.76B)	\$1.36B	\$62.85B
IWM	iShares Russell 2000 ETF	(\$0.29B)	(\$1.53B)	(\$2.47B)	(\$2.41B)	\$49.53B
SCHX	Schwab U.S. Large-Cap ETF	(\$0.26B)	(\$0.47B)	(\$0.29B)	(\$0.04B)	\$31.05B
JVAL	JPMorgan U.S. Value Factor ETF	(\$0.20B)	(\$0.06B)	\$0.15B	\$0.11B	\$0.62B
IWB	iShares Russell 1000 ETF	(\$0.17B)	(\$0.40B)	(\$0.81B)	\$1.34B	\$28.56B
DVY	iShares Select Dividend ETF	(\$0.16B)	(\$0.68B)	\$0.12B	\$1.10B	\$21.59B
MTUM	iShares MSCI USA Momentum Factor ETF	(\$0.11B)	(\$2.04B)	(\$1.65B)	(\$0.43B)	\$9.87B

* 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)
XLP	Consumer Staples Select Sector SPDR Fund	-0.94%	15.14%	4.06%	4.41%	71.15
XLK	Technology Select Sector SPDR Fund	-2.51%	26.77%	2.98%	9.51%	53.62
XLI	Industrial Select Sector SPDR Fund	-2.95%	21.45%	0.49%	4.01%	55.27
SPY	SPDR S&P 500 ETF Trust	-4.07%	15.60%	2.41%	4.27%	59.67
XLV	Health Care Select Sector SPDR Fund	-4.14%	12.02%	3.45%	2.51%	62.41
XLC	Communication Services Select Sector SPDR Fund	-5.33%	27.04%	3.07%	8.81%	52.18
XLB	Materials Select Sector SPDR Fund	-8.42%	19.88%	0.72%	3.24%	52.86
XLE	Energy Select Sector SPDR Fund	-9.67%	25.91%	1.20%	1.52%	51.31
XLF	Financial Select Sector SPDR Fund	-10.22%	9.67%	-0.84%	-2.04%	57.02
XLU	Utilities Select Sector SPDR Fund	-10.88%	13.17%	3.54%	-0.11%	60.69
XLY	Consumer Discretionary Select Sector SPDR Fund	-14.80%	16.72%	1.49%	0.59%	55.10
XLRE	Real Estate Select Sector SPDR Fund	-18.71%	10.10%	-0.74%	-4.25%	50.73

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
XHS	SPDR S&P Health Care Services ETF	2.36%
XBI	SPDR S&P BIOTECH ETF	2.05%
PTH	Invesco DWA Healthcare Momentum ETF	1.68%
PSCH	Invesco S&P SmallCap Health Care ETF	1.52%
XHE	SPDR S&P Health Care Equipment ETF	1.50%
PJP	Invesco Dynamic Pharmaceuticals ETF	1.24%
IBB	iShares Biotechnology ETF	1.15%
FBT	First Trust NYSE Arca Biotechnology Index Fund	1.13%
XPH	SPDR S&P Pharmaceuticals ETF	1.12%
XLY	Consumer Discretionary Select Sector SPDR Fund	1.10%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
VDC	Vanguard Consumer Staples ETF	71.84
ITB	iShares U.S. Home Construction ETF	71.84
XLP	Consumer Staples Select Sector SPDR Fund	71.15
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPLES..	70.76
IHI	iShares U.S. Medical Devices ETF	69.95
PTH	Invesco DWA Healthcare Momentum ETF	69.76
PSL	Invesco DWA Consumer Staples Momentum ETF	69.67
IYK	iShares U.S. Consumer Staples ETF	67.48
PJP	Invesco Dynamic Pharmaceuticals ETF	67.21
PKB	Invesco Dynamic Building & Construction ETF	66.20

Sector & Industry 1 Day Performance Laggards

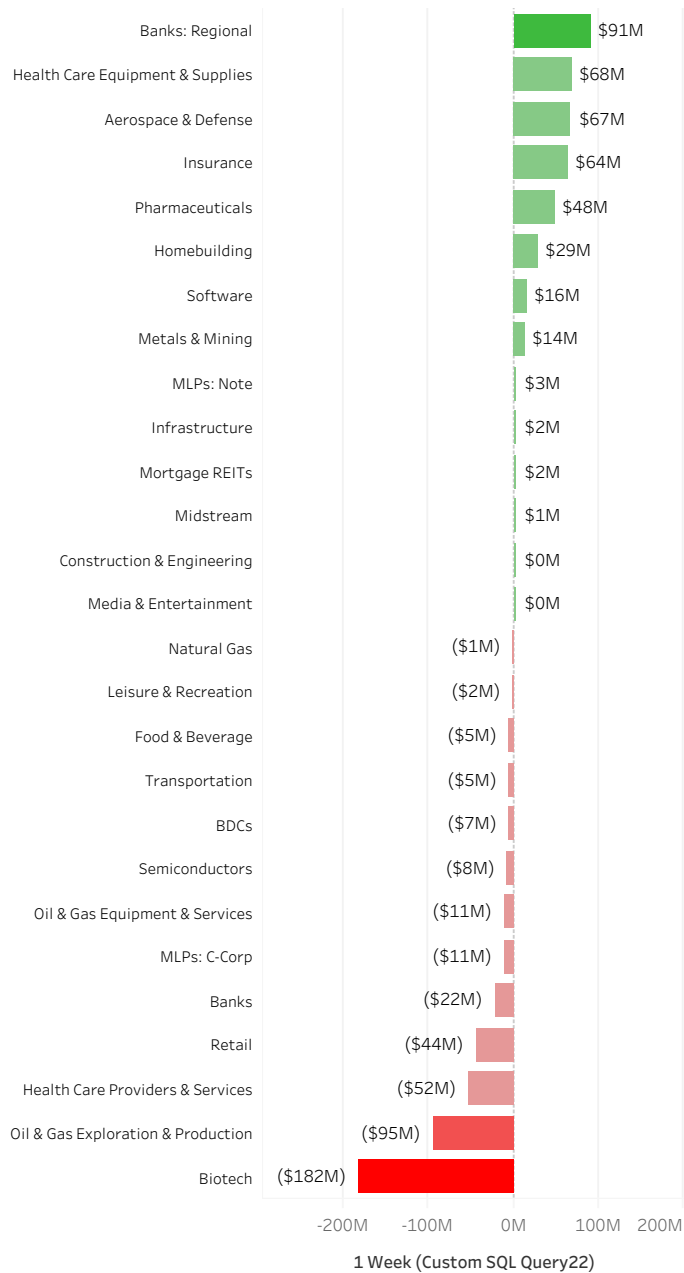
Ticker	Fund	1 Day Performance
XME	SPDR S&P Metals & Mining ETF	-2.58%
IAT	iShares U.S. Regional Banks ETF	-2.24%
IEZ	iShares U.S. Oil Equipment & Services ETF	-1.82%
PXJ	Invesco Dynamic Oil & Gas Services ETF	-1.80%
FTXO	First Trust Nasdaq Bank ETF	-1.56%
KBWB	Invesco KBW Bank ETF	-1.55%
FXZ	First Trust Materials AlphaDEX Fund	-1.55%
KBWP	Invesco KBW Property & Casualty Insurance ETF	-1.46%
QABA	First Trust NASDAQ ABA Community Bank Index Fund	-1.45%
PSCE	Invesco S&P SmallCap Energy ETF	-1.40%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IGN	iShares North American Tech-Multimedia Networking ETF	32.70
XTL	SPDR S&P Telecom ETF	33.00
IYZ	iShares U.S. Telecommunications ETF	35.63
QABA	First Trust NASDAQ ABA Community Bank Index Fund	36.64
KBWY	Invesco KBW Premium Yield Equity REIT ETF	38.18
XME	SPDR S&P Metals & Mining ETF	38.69
PSCT	Invesco S&P SmallCap Information Technology ETF	38.79
KBWR	Invesco KBW Regional Banking ETF	40.12
IAT	iShares U.S. Regional Banks ETF	40.39
KRE	SPDR S&P Regional Banking ETF	40.69

* 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	\$15B	\$98M	\$1,373M	\$1,244M	\$925M
Consumer Discretionary	12	\$22B	\$114M	\$1,081M	\$491M	(\$2,174M)
Consumer Staples	10	\$32B	\$602M	\$812M	\$2,860M	\$4,813M
Energy	32	\$73B	(\$553M)	(\$4,644M)	(\$5,767M)	(\$9,252M)
Financials	26	\$56B	\$844M	\$2,405M	\$1,642M	(\$7,970M)
Health Care	23	\$92B	\$191M	(\$2,831M)	(\$1,213M)	\$2,097M
Industrial	13	\$32B	\$425M	\$653M	\$2,245M	(\$1,260M)
Materials	9	\$15B	(\$15M)	\$25M	\$517M	(\$3,449M)
Multi-Sector	19	\$14B	\$9M	\$309M	(\$56M)	(\$1,947M)
Real Estate	25	\$55B	(\$208M)	(\$2,730M)	(\$2,553M)	(\$6,632M)
Technology	23	\$130B	(\$121M)	\$685M	(\$352M)	(\$185M)
Utilities	9	\$26B	(\$44M)	(\$126M)	(\$447M)	\$2,447M

U.S. Sector & Industry Flow Leaders

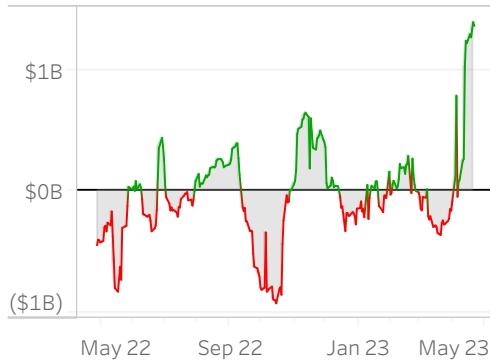
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	\$810M	\$1,649M	\$1,951M	(\$3,712M)	\$31,917M
XLP	Consumer Staples Select Sector SPDR Fund	\$485M	\$742M	\$2,082M	\$2,243M	\$18,427M
XLI	Industrial Select Sector SPDR Fund	\$378M	(\$307M)	\$323M	(\$1,304M)	\$13,757M
XLV	Health Care Select Sector SPDR Fund	\$322M	(\$1,077M)	\$57M	\$2,348M	\$39,850M
XLY	Consumer Discretionary Select Sector SPDR Fu..	\$179M	\$236M	(\$134M)	(\$747M)	\$14,461M
RHS	Invesco S&P 500 Equal Weight Consumer Stapl..	\$128M	\$293M	\$382M	\$498M	\$1,058M
XLC	Communication Services Select Sector SPDR Fu..	\$96M	\$1,303M	\$1,222M	\$1,229M	\$10,855M
KRE	SPDR S&P Regional Banking ETF	\$96M	\$1,342M	\$495M	(\$403M)	\$2,979M
KIE	SPDR S&P Insurance ETF	\$71M	(\$33M)	\$97M	\$77M	\$505M
ITA	iShares U.S. Aerospace & Defense ETF	\$59M	\$742M	\$1,589M	\$1,736M	\$5,988M

U.S. Sector & Industry Flow Laggards

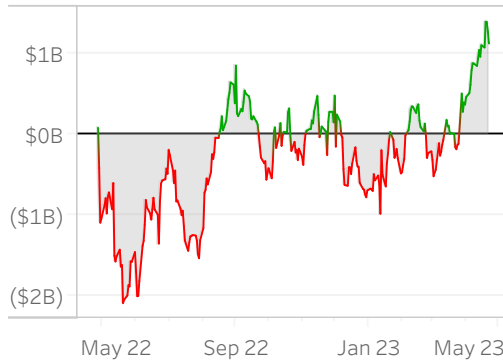
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	(\$417M)	(\$754M)	(\$1,486M)	(\$1,877M)	\$39,221M
IYR	iShares U.S. Real Estate ETF	(\$145M)	(\$811M)	(\$466M)	(\$1,383M)	\$2,785M
XBI	SPDR S&P BIOTECH ETF	(\$129M)	(\$732M)	(\$714M)	\$77M	\$6,345M
XLK	Technology Select Sector SPDR Fund	(\$89M)	(\$1,668M)	(\$2,078M)	(\$1,788M)	\$42,615M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$77M)	(\$454M)	(\$921M)	(\$1,836M)	\$3,470M
VFH	Vanguard Financials ETF	(\$60M)	(\$483M)	(\$592M)	(\$1,990M)	\$7,923M
IBB	iShares Biotechnology ETF	(\$53M)	(\$642M)	(\$12M)	(\$310M)	\$8,132M
IHF	iShares U.S. Healthcare Providers ETF	(\$51M)	(\$239M)	(\$359M)	(\$122M)	\$1,136M
KBE	SPDR S&P Bank ETF	(\$49M)	\$6M	(\$402M)	(\$781M)	\$1,387M
VGT	Vanguard Information Technology ETF	(\$48M)	(\$513M)	(\$324M)	(\$955M)	\$45,657M

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

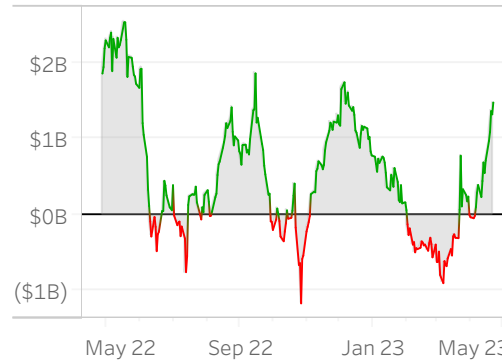
Communication Services



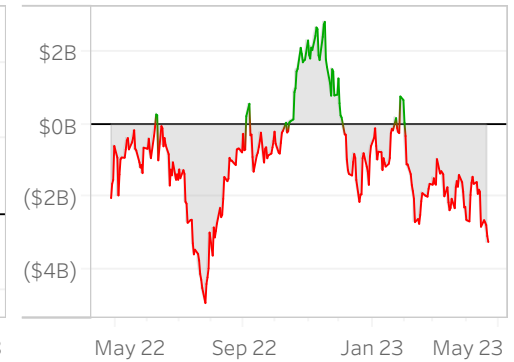
Consumer Discretionary



Consumer Staples



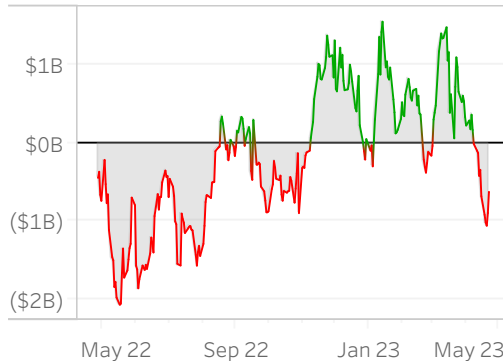
Energy



Financials



Industrial



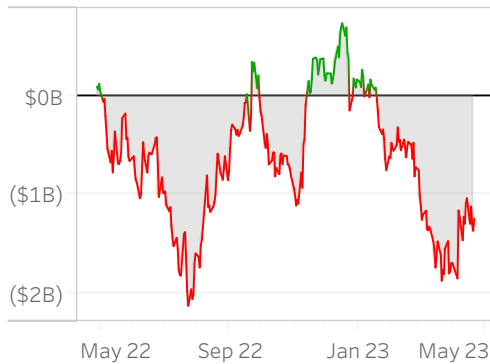
Health Care



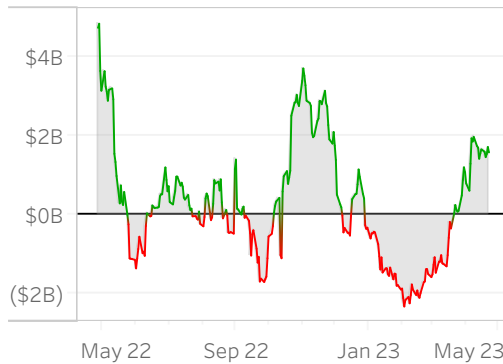
Materials



Real Estate



Technology



Utilities

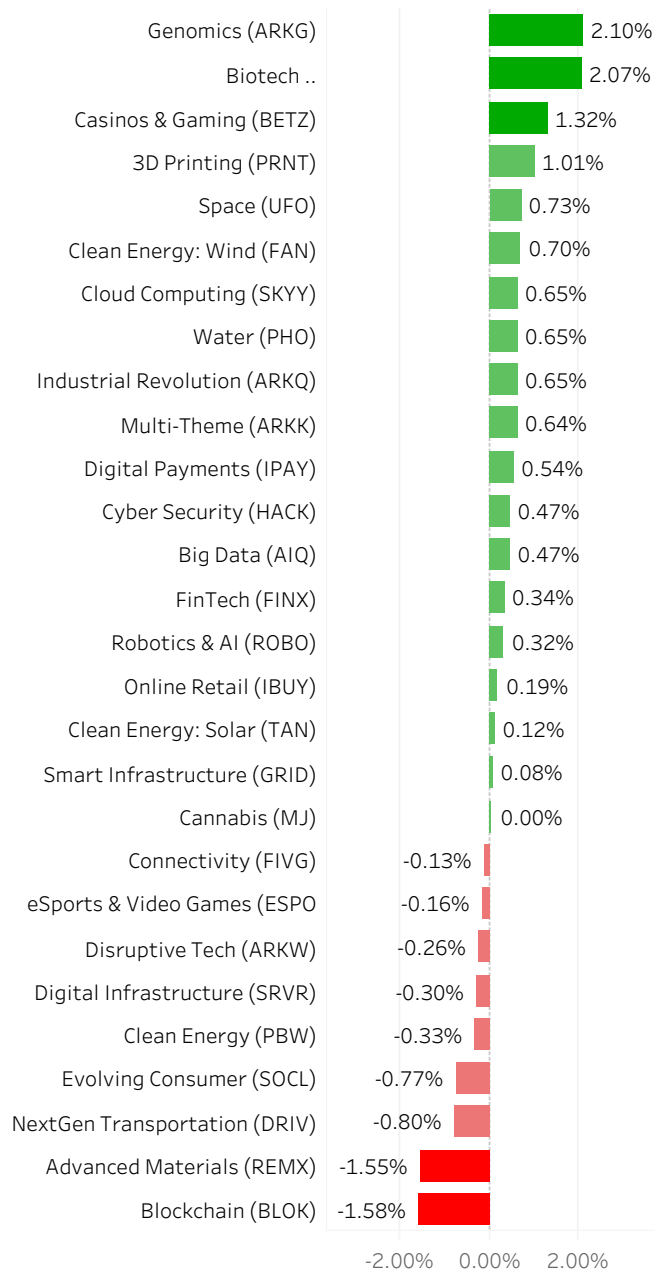


Multi-Sector

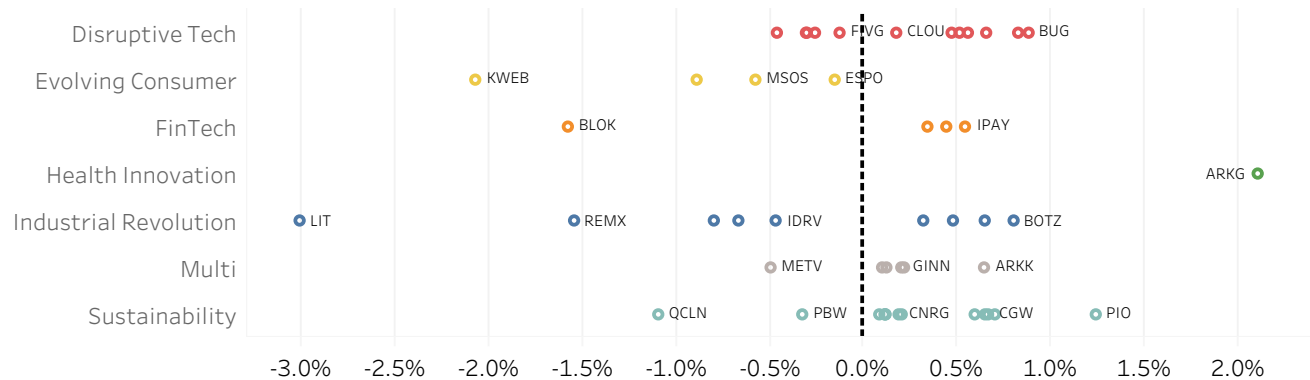


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
ARKG	ARK Genomic Revolution ETF	2.10%
BTEC	Principal Healthcare Innovators ETF	2.09%
SBIO	ALPS Medical Breakthroughs ETF	2.07%
IDNA	iShares Genomics Immunology and Healthcare ETF	1.52%
HTEC	ROBO Global Healthcare Technology and Innovation ETF	1.43%
BETZ	Roundhill Sports Betting & iGaming ETF	1.32%
GNOM	Global X Genomics & Biotechnology ETF	1.29%
IZRL	ARK Israel Innovative Technology ETF	1.25%
PIO	Invesco Global Water ETF	1.24%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	1.01%

Thematic Most Overbought

Ticker	Fund	Price
AGNG	Global X Aging Population ETF	72.52
BJK	VanEck Gaming ETF	70.99
GDOC	Goldman Sachs Future Health Care Equity ETF	67.78
SBIO	ALPS Medical Breakthroughs ETF	65.87
BETZ	Roundhill Sports Betting & iGaming ETF	64.80
PAWZ	ProShares Pet Care ETF	64.43
KLDW	Knowledge Leaders Developed World ETF	63.17
BTEC	Principal Healthcare Innovators ETF	62.21
PIO	Invesco Global Water ETF	59.97
BOTZ	Global X Robotics & Artificial Intelligence ETF	59.87

Global Thematic 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
KSTR	KraneShares SSE STAR Market 50 Index ETF	-4.30%
LIT	Global X Lithium & Battery Tech ETF	-3.01%
BATT	Amplify Lithium & Battery Technology ETF	-2.30%
KWEB	KraneShares CSI China Internet ETF	-2.08%
BLOK	Amplify Transformational Data Sharing ETF	-1.58%
REMX	VanEck Rare Earth/Strategic Metals ETF	-1.55%
BITQ	Bitwise Crypto Industry Innovators ETF	-1.43%
BKCH	Global X Blockchain ETF	-1.31%
KARS	KraneShares Electric Vehicles & Future Mobility Index ..	-1.30%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-1.27%

Thematic Most Oversold

Ticker	Fund	Price
MJ	ETFMG Alternative Harvest ETF	29.61
MJUS	ETFMG U.S. Alternative Harvest ETF	33.99
MSOS	AdvisorShares Pure US Cannabis ETF	34.15
FIVG	Defiance Next Gen Connectivity ETF	35.84
HAIL	SPDR S&P Kensho Smart Mobility ETF	36.24
LIT	Global X Lithium & Battery Tech ETF	38.15
KGRN	KraneShares MSCI China Clean Technology Index ETF	38.56
KWEB	KraneShares CSI China Internet ETF	39.24
PBW	Invesco WilderHill Clean Energy ETF	39.35
SOCL	Global X Social Media ETF	39.40

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Thematic 1 Week Flow Leaders

Ticker	Fund	Flow
ARKG	ARK Genomic Revolution ETF	\$52M
CGW	Invesco S&P Global Water Index ETF	\$51M
ARKK	ARK Innovation ETF	\$48M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$15M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$6M
BETZ	Roundhill Sports Betting & iGaming ETF	\$5M
PBW	Invesco WilderHill Clean Energy ETF	\$5M
FIW	First Trust Water ETF	\$4M
AIQ	Global X Artificial Intelligence & Technology ETF	\$4M
ACES	ALPS Clean Energy ETF	\$3M

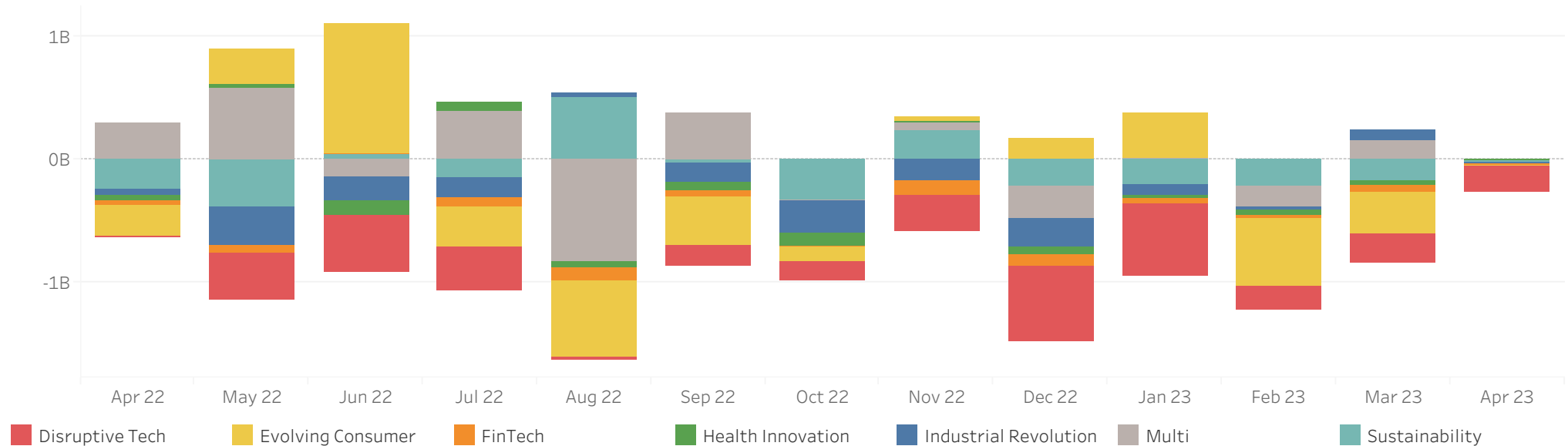
Thematic 1 Week Flow Laggards

Ticker	Fund	Flow
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$20M)
LIT	Global X Lithium & Battery Tech ETF	(\$15M)
BUG	Global X Cybersecurity ETF	(\$13M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$10M)
ICLN	iShares Global Clean Energy ETF	(\$8M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$8M)
SKYY	First Trust Cloud Computing ETF	(\$7M)
TAN	Invesco Solar ETF	(\$6M)
SMOG	VanEck Low Carbon Energy ETF	(\$6M)
ROBO	ROBO Global Robotics & Automation Index ETF	(\$6M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$15B	(\$34M)	(\$795M)	(\$2,170M)	(\$3,687M)
Evolving Consumer	44	\$9B	\$6M	(\$754M)	(\$312M)	(\$713M)
FinTech	19	\$3B	\$1M	(\$100M)	(\$343M)	(\$662M)
Health Innovation	18	\$3B	\$41M	(\$70M)	(\$171M)	(\$440M)
Industrial Revolution	31	\$11B	(\$35M)	\$66M	(\$524M)	(\$1,567M)
Multi	41	\$14B	(\$45M)	(\$58M)	(\$6M)	\$480M
Sustainability	40	\$17B	\$47M	(\$435M)	(\$698M)	(\$1,153M)
Grand Total	227	\$71B	(\$20M)	(\$2,146M)	(\$4,224M)	(\$7,742M)

Thematic Monthly Flows

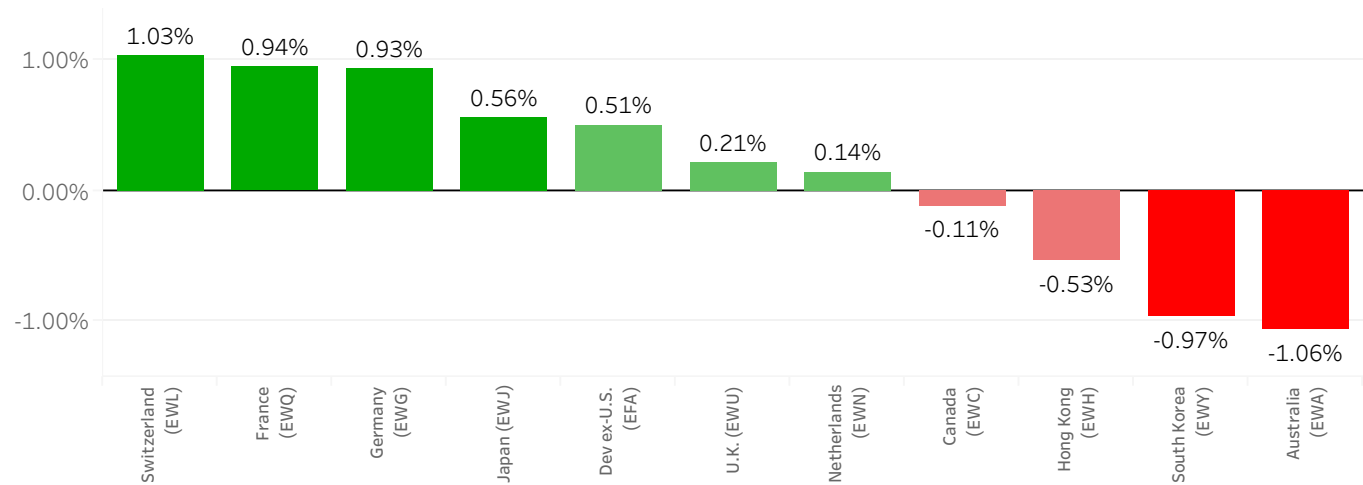


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Developed ex-U.S. (EFA)



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



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



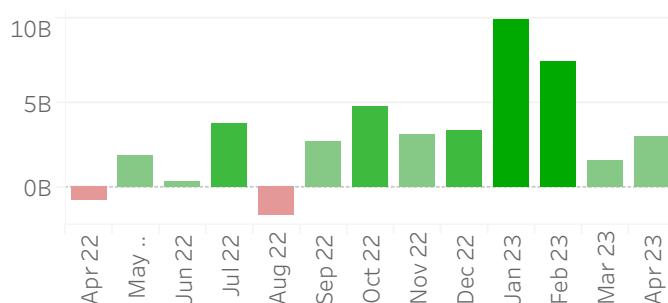
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	Performance
EDEN	iShares MSCI Denmark ETF	1.67%
GREK	Global X MSCI Greece ETF	1.51%
BKCI	BNY Mellon Concentrated International ETF	1.34%
FLSW	Franklin FTSE Switzerland ETF	1.10%
IQDG	WisdomTree International Quality Dividend Growth Fund	1.04%
EWL	iShares MSCI Switzerland ETF	1.03%
DAX	Global X DAX Germany ETF	1.01%
EFAD	ProShares MSCI EAFE Dividend Growers ETF	0.99%
EUDG	WisdomTree Europe Quality Dividend Growth Fund	0.98%
EWQ	iShares MSCI France ETF	0.94%

Developed ex-U.S. Most Overbought

Ticker	Fund	Price
EWL	iShares MSCI Switzerland ETF	79.45
FLSW	Franklin FTSE Switzerland ETF	79.38
EFAD	iShares MSCI EAFE Min Vol Factor ETF	76.37
EUDG	WisdomTree Europe Quality Dividend Growth Fund	75.48
IMFL	Invesco International Developed Dynamic Multifactor ETF	74.11
QLVD	FlexShares Developed Markets ex-US Quality Low Volatilit..	73.38
IHDG	WisdomTree International Hedged Quality Dividend Grow..	72.04
IQDG	WisdomTree International Quality Dividend Growth Fund	72.03
EWQ	iShares MSCI France ETF	71.37
FSZ	First Trust Switzerland AlphaDEX Fund	70.84

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	Performance
AIA	iShares Asia 50 ETF	-1.27%
MINV	Matthews Asia Innovators Active ETF	-1.13%
EWA	iShares MSCI Australia ETF	-1.06%
EWY	iShares MSCI South Korea ETF	-0.97%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-0.96%
FLKR	Franklin FTSE South Korea ETF	-0.86%
EPP	iShares MSCI Pacific ex-Japan ETF	-0.72%
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Japan E..	-0.62%
EWK	iShares MSCI Hong Kong ETF	-0.53%
IDV	iShares International Select Dividend ETF	-0.50%

Developed ex-U.S. Most Oversold

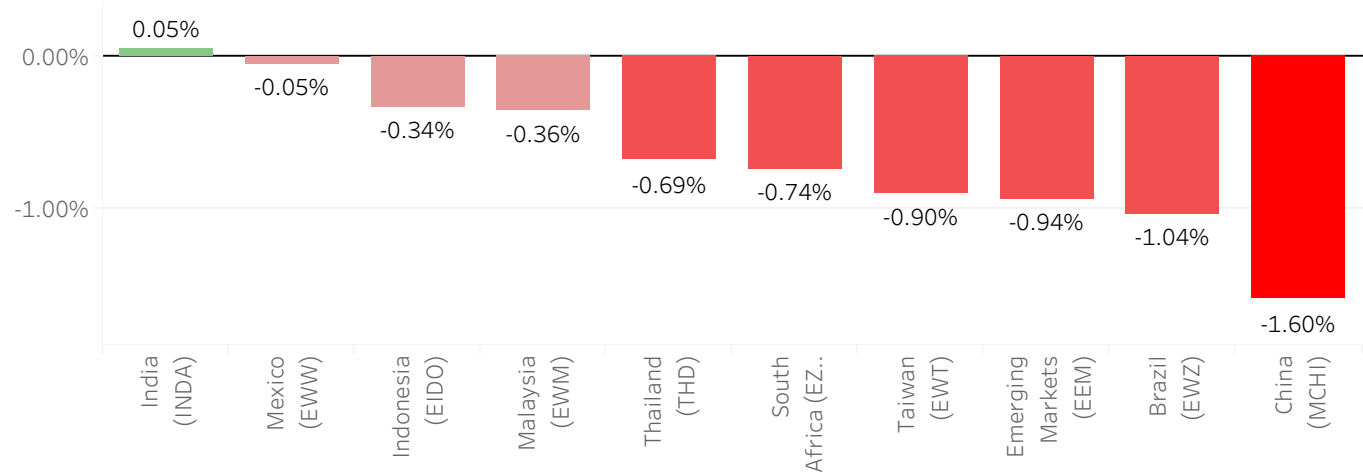
Ticker	Fund	Price
EIS	iShares MSCI Israel ETF	36.13
MINV	Matthews Asia Innovators Active ETF	40.41
AIA	iShares Asia 50 ETF	40.80
AAXJ	iShares MSCI All Country Asia ex Japan ETF	44.24
ISRA	VanEck Israel ETF	45.47
ENZL	iShares MSCI New Zealand ETF	45.60
EWK	iShares MSCI Hong Kong ETF	46.41
NORW	Global X MSCI Norway ETF	47.94
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Ja..	51.52
EPP	iShares MSCI Pacific ex-Japan ETF	51.72

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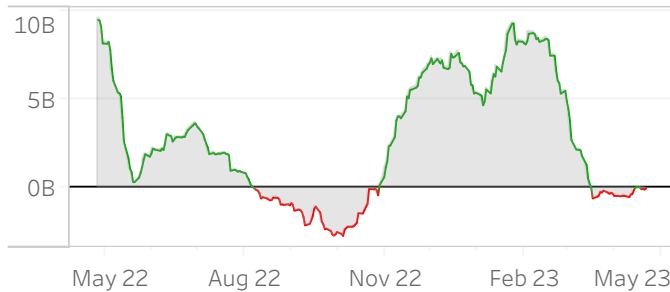
Emerging (EEM)



Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



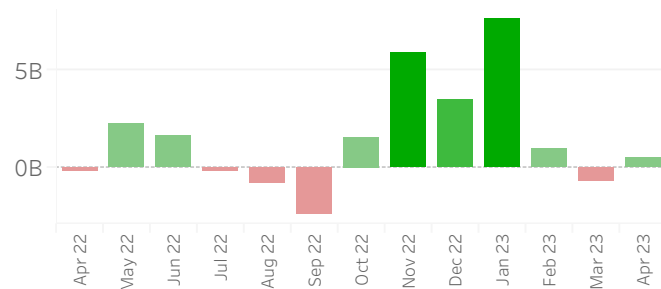
Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
NFTY	First Trust India NIFTY 50 Equal Weight ETF	0.28%
INDY	iShares India 50 ETF	0.14%
PIN	Invesco India ETF	0.08%
INDA	iShares MSCI India ETF	0.05%
KSA	iShares MSCI Saudi Arabia ETF	0.05%
FLIN	Franklin FTSE India ETF	0.03%
QAT	iShares MSCI Qatar ETF	0.00%
EWW	iShares MSCI Mexico ETF	-0.05%
EELV	Invesco S&P Emerging Markets Low Volatility ETF	-0.26%
EIDO	iShares MSCI Indonesia ETF	-0.34%

Emerging Most Overbought

Ticker	Fund	Value
EPOL	iShares MSCI Poland ETF	72.67
KSA	iShares MSCI Saudi Arabia ETF	66.12
KWT	iShares MSCI Kuwait ETF	62.39
EPU	iShares MSCI Peru and Global Exposure ETF	60.20
UEVM	VictoryShares Emerging Markets Value Momentum E..	59.40
EWW	iShares MSCI Mexico ETF	58.15
EIDO	iShares MSCI Indonesia ETF	57.55
NFTY	First Trust India NIFTY 50 Equal Weight ETF	57.40
SMIN	iShares MSCI India Small Cap ETF	57.29
INDY	iShares India 50 ETF	56.71

Emerging Monthly Flows



Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
ECH	iShares MSCI Chile ETF	-5.58%
CNYA	iShares MSCI China A ETF	-2.16%
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	-2.08%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	-1.87%
RAYC	Rayliant Quantamental China Equity ETF	-1.83%
PGJ	Invesco Golden Dragon China ETF	-1.81%
FRDM	Freedom 100 Emerging Markets ETF	-1.78%
GXC	SPDR S&P China ETF	-1.64%
MCHI	iShares MSCI China ETF	-1.60%
KBA	KraneShares Bosera MSCI China A 50 Connect Index ETF	-1.59%

Emerging Most Oversold

Ticker	Fund	Value
THD	iShares MSCI Thailand ETF	36.06
EWT	iShares MSCI Taiwan ETF	37.42
FLTW	Franklin FTSE Taiwan ETF	37.96
RAYC	Rayliant Quantamental China Equity ETF	37.97
PGJ	Invesco Golden Dragon China ETF	38.68
ECNS	iShares MSCI China Small-Cap ETF	38.99
CNYA	iShares MSCI China A ETF	39.38
KBA	KraneShares Bosera MSCI China A 50 Connect Index ..	39.80
EPHE	iShares MSCI Philippines ETF	39.83
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	40.35

*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	-0.17%	0.63%	3.00%
SHY	1-3 Year Treasury Bonds	-0.06%	0.32%	1.56%
IEF	7-10 Year Treasury Bonds	-0.24%	0.78%	3.55%
TLT	20+ Year Treasury Bonds	-0.56%	-0.32%	5.66%
TIP	TIPS Bonds	0.05%	1.27%	3.22%
FLOT	Floating Rate Bonds	0.04%	0.83%	1.64%
LQD	Investment Grade Corporate	0.06%	1.06%	4.39%
HYG	High Yield Corporate	0.31%	1.84%	3.43%
BKLN	Senior Loan	-0.05%	1.75%	4.07%
PFF	Preferred & Income Securities	0.29%	4.20%	4.84%
MUB	Municipal Bonds	-0.11%	0.61%	1.97%
MBB	MBS	-0.31%	0.35%	2.37%
EMB	Dollar Denominated EM Bonds	0.01%	0.43%	1.50%
LEMB	Local Currency EM Bond	0.14%	1.70%	3.26%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.68%	3.68%	-6.04%
DBE	Energy	0.83%	4.72%	-8.95%
USO	WTI Crude Oil	0.90%	11.40%	-2.71%
BNO	Brent Crude Oil	0.96%	9.28%	-3.43%
UNG	Natural Gas	-0.28%	-9.44%	-50.35%
UGA	Gasoline	0.45%	5.03%	-0.82%
DBP	Precious Metals	-0.96%	4.19%	7.52%
GLD	Gold	-0.99%	2.15%	8.61%
SLV	Silver	-0.82%	11.88%	4.36%
PPLT	abrdn Physical Platin..	2.89%	15.52%	4.66%
PALL	abrdn Physical Palla..	0.89%	14.27%	-10.22%
DBB	Base Metals	-1.16%	0.20%	0.57%
CPER	Copper	-0.73%	-0.16%	5.80%
LD	Lead	0.04%	3.01%	-5.98%
JJN	Nickel	-1.47%	9.51%	-17.91%
JJU	Aluminum	-0.93%	5.67%	-0.68%
JJT	Tin	-1.40%	13.96%	5.68%
DBA	Agriculture	-0.66%	5.54%	3.92%
CORN	Corn	-1.85%	-0.45%	-9.36%
SOYB	Soybeans	-1.07%	-0.37%	-6.28%
WEAT	Wheat	-1.32%	-2.18%	-15.54%
CANE	Sugar	-1.95%	20.23%	34.36%
BAL	Cotton	0.04%	3.15%	-3.14%
NIB	Cocoa	0.85%	10.34%	20.53%
JO	Coffee	-1.45%	7.50%	16.94%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	-0.11%	-1.00%	-0.22%
UDN	Short Dollar	0.21%	1.66%	2.49%
FXE	Euro	0.23%	2.16%	2.94%
FXB	British Pound Sterling	0.08%	2.10%	3.77%
FXF	Swiss Franc	0.17%	3.38%	3.50%
FXJ	Japanese Yen	0.13%	-1.28%	-2.33%
FXC	Canadian Dollar	-0.54%	1.54%	0.55%
FXA	Australian Dollar	-0.75%	0.30%	-1.56%

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