

Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

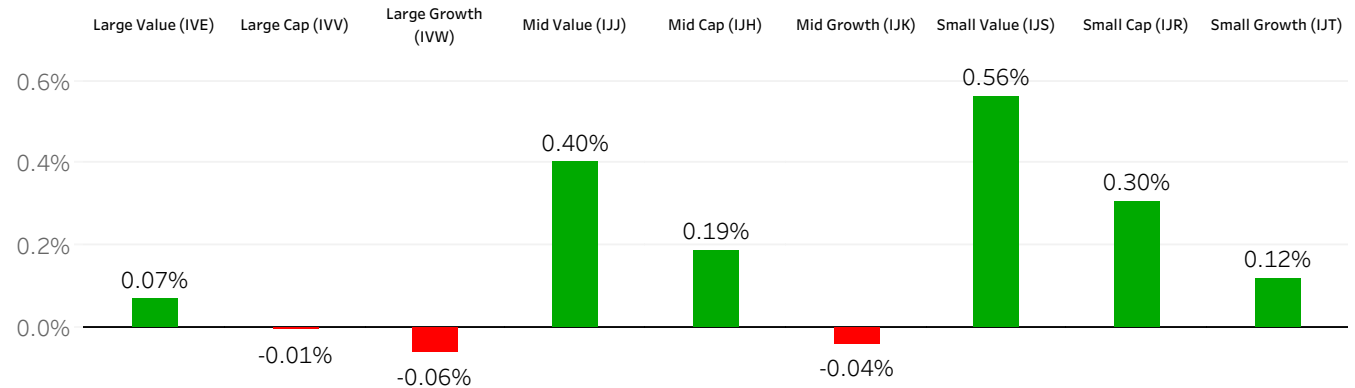


Small Cap Blend (S&P 600) IJR



■ 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
FYT	First Trust Small Cap Value AlphaDEX Fund	1.10%
XSLV	Invesco S&P SmallCap Low Volatility ETF	0.92%
SVAL	iShares US Small Cap Value Factor ETF	0.85%
REGL	ProShares S&P MidCap 400 Dividend Aristocrats ETF	0.80%
SMDV	ProShares Russell 2000 Dividend Growers ETF	0.77%
FNK	First Trust Mid Cap Value AlphaDEX Fund	0.75%
FYX	First Trust Small Cap Core AlphaDEX Fund	0.74%
VTWV	Vanguard Russell 2000 Value ETF	0.66%
SIXS	ETC 6 Meridian Small Cap Equity ETF	0.63%
XMLV	Invesco S&P MidCap Low Volatility ETF	0.61%

Size & Style Most Overbought

Ticker	Fund	Price
SPC	CrossingBridge Pre-Merger SPAC ETF	70.13
CGDV	Capital Group Dividend Value ETF	70.09
SIXA	ETC 6 Meridian Mega Cap Equity ETF	68.32
FDLO	Fidelity Low Volatility Factor ETF	67.56
USMC	Principal U.S. Mega-Cap ETF	67.21
XLG	Invesco S&P 500 Top 50 ETF	66.57
OEF	iShares S&P 100 ETF	66.46
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ETF	66.44
FDVV	Fidelity High Dividend ETF	66.24
QDEF	FlexShares Quality Dividend Defensive Index Fund	66.21

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
FFTY	Innovator IBD 50 ETF	-1.19%
WBIG	WBI BullBear Yield 3000 ETF	-0.98%
VLUE	iShares MSCI USA Value Factor ETF	-0.88%
QMOM	Momentumshares US Quantitative Momentum ETF	-0.83%
AIEQ	AI Powered Equity ETF	-0.82%
BUZZ	VanEck Social Sentiment ETF	-0.76%
QQQN	VictoryShares Nasdaq Next 50 ETF	-0.71%
RPG	Invesco S&P 500 Pure Growth ETF	-0.70%
SPVU	Invesco S&P 500 Enhanced Value ETF	-0.64%
COWZ	Pacer US Cash Cows 100 ETF	-0.63%

Size & Style Most Oversold

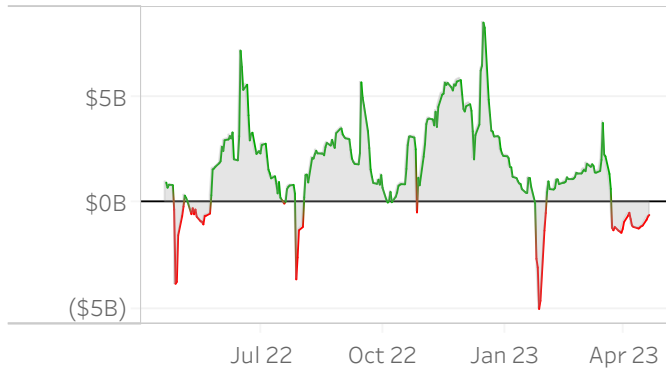
Ticker	Fund	Price
FDM	First Trust Dow Jones Select MicroCap Index Fund	42.83
XSLV	Invesco S&P SmallCap Low Volatility ETF	43.18
AIEQ	AI Powered Equity ETF	43.79
SVAL	iShares US Small Cap Value Factor ETF	43.90
SMLV	SPDR SSGA US Small Cap Low Volatility Index ETF	44.07
SMDV	ProShares Russell 2000 Dividend Growers ETF	47.22
QVMS	Invesco S&P SmallCap 600 QVM Multi-factor ETF	47.83
VIQG	Vanguard S&P Small-Cap 600 Growth ETF	47.90
CSF	VictoryShares US Discovery Enhanced Volatility Wt..	48.00
CSML	IQ Chaikin U.S. Small Cap ETF	48.11

*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, Beta	25	\$1,290B	(\$0.62B)	\$0.17B	(\$0.39B)	\$62.14B
Large Cap, Beta, Beta: Growth	10	\$246B	(\$0.27B)	\$1.74B	\$9.12B	\$22.12B
Large Cap, Beta, Beta: Value	11	\$222B	(\$0.38B)	(\$3.11B)	(\$3.53B)	\$3.24B
Mid Cap, Beta, Beta	10	\$185B	\$0.17B	\$1.09B	\$5.27B	\$10.99B
Mid Cap, Beta, Beta: Growth	6	\$34B	\$0.04B	(\$0.02B)	(\$0.26B)	\$0.99B
Mid Cap, Beta, Beta: Value	6	\$39B	\$0.08B	(\$0.40B)	(\$0.28B)	\$0.75B
Small Cap, Beta, Beta	13	\$188B	(\$0.28B)	\$1.34B	\$2.68B	\$1.17B
Small Cap, Beta, Beta: Growth	7	\$32B	\$0.17B	(\$0.24B)	\$0.45B	\$1.44B
Small Cap, Beta, Beta: Value	7	\$48B	(\$0.11B)	(\$0.51B)	\$0.65B	(\$0.50B)

U.S. Size & Style Flow Leaders

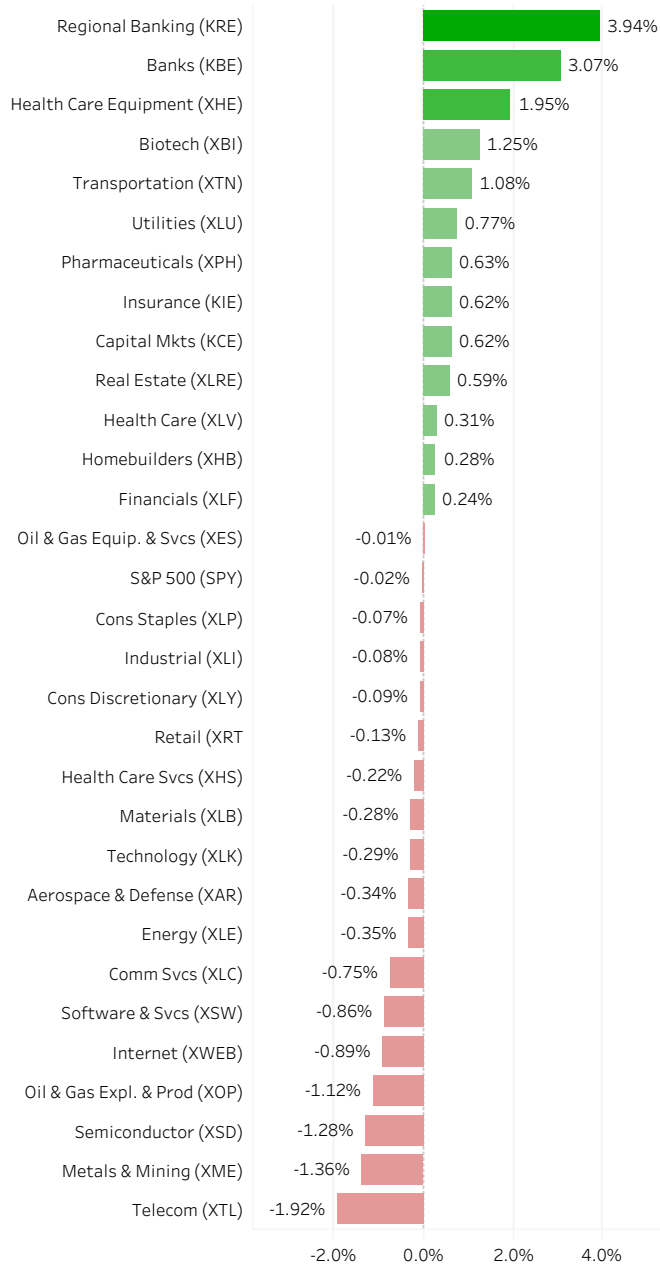
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPLG	SPDR Portfolio S&P 500 ETF	\$0.65B	\$1.00B	\$1.52B	\$3.01B	\$16.80B
VOO	Vanguard S&P 500 ETF	\$0.53B	\$5.89B	\$7.79B	\$33.08B	\$290.85B
IVV	iShares Core S&P 500 ETF	\$0.48B	(\$2.22B)	(\$3.05B)	\$13.04B	\$310.11B
QUAL	iShares MSCI USA Quality Factor ETF	\$0.39B	\$8.45B	\$8.09B	\$6.22B	\$28.17B
VTI	Vanguard Total Stock Market ETF	\$0.33B	\$2.36B	\$8.20B	\$20.59B	\$285.15B
IJR	iShares Core S&P Small Cap ETF	\$0.14B	\$0.15B	\$1.30B	\$2.27B	\$65.65B
SPLV	Invesco S&P 500 Low Volatility ETF	\$0.13B	(\$0.58B)	(\$0.30B)	\$0.65B	\$10.10B
VOE	Vanguard Mid-Cap Value ETF	\$0.10B	\$0.01B	\$0.25B	\$0.78B	\$16.01B
OMFL	Invesco Russell 1000 Dynamic Multifactor ETF	\$0.09B	\$0.61B	\$0.76B	\$0.95B	\$3.06B
VBK	Vanguard Small-Cap Growth ETF	\$0.09B	\$0.30B	\$0.44B	\$0.66B	\$13.24B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
QQQ	Invesco QQQ Trust	(\$1.85B)	\$1.41B	(\$2.58B)	\$0.25B	\$170.96B
IWD	iShares Russell 1000 Value ETF	(\$0.49B)	(\$2.64B)	(\$3.54B)	(\$2.69B)	\$50.81B
IWM	iShares Russell 2000 ETF	(\$0.33B)	(\$2.61B)	(\$1.66B)	(\$2.49B)	\$49.64B
IWF	iShares Russell 1000 Growth ETF	(\$0.27B)	(\$2.25B)	(\$1.52B)	\$1.41B	\$63.24B
JVAL	JPMorgan U.S. Value Factor ETF	(\$0.19B)	(\$0.05B)	\$0.14B	\$0.12B	\$0.64B
DVY	iShares Select Dividend ETF	(\$0.17B)	(\$0.70B)	\$0.16B	\$1.21B	\$21.77B
IWN	iShares Russell 2000 Value ETF	(\$0.13B)	(\$0.27B)	(\$0.37B)	(\$0.93B)	\$11.09B
ESGU	iShares ESG Aware MSCI USA ETF	(\$0.11B)	(\$6.04B)	(\$8.59B)	(\$8.29B)	\$14.00B
IWB	iShares Russell 1000 ETF	(\$0.09B)	(\$0.67B)	(\$0.68B)	\$1.17B	\$28.76B
IUSV	iShares Core S&P US Value ETF	(\$0.08B)	(\$0.03B)	\$0.42B	\$1.29B	\$13.29B

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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	-1.54%	28.02%	4.21%	10.73%	59.17
XLI	Industrial Select Sector SPDR Fund	-2.56%	21.95%	0.86%	4.59%	57.95
XLP	Consumer Staples Select Sector SPDR Fund	-2.92%	14.05%	3.27%	3.47%	65.82
SPY	SPDR S&P 500 ETF Trust	-3.62%	16.15%	2.94%	4.84%	63.98
XLV	Health Care Select Sector SPDR Fund	-4.39%	11.73%	3.25%	2.29%	62.20
XLC	Communication Services Select Sector SPDR Fund	-7.61%	28.06%	4.07%	9.73%	56.09
XLB	Materials Select Sector SPDR Fund	-7.90%	21.08%	1.69%	4.41%	58.67
XLE	Energy Select Sector SPDR Fund	-8.33%	27.78%	2.54%	3.24%	56.96
XLF	Financial Select Sector SPDR Fund	-9.62%	10.40%	-0.55%	-1.33%	60.90
XLU	Utilities Select Sector SPDR Fund	-11.11%	12.87%	3.42%	-0.37%	59.60
XLY	Consumer Discretionary Select Sector SPDR Fund	-14.41%	17.25%	1.88%	1.07%	58.16
XLRE	Real Estate Select Sector SPDR Fund	-19.13%	11.31%	0.04%	-3.29%	55.27

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
KRE	SPDR S&P Regional Banking ETF	3.94%
IAT	iShares U.S. Regional Banks ETF	3.15%
KBWR	Invesco KBW Regional Banking ETF	3.09%
KBE	SPDR S&P Bank ETF	3.07%
IHI	iShares U.S. Medical Devices ETF	2.84%
QABA	First Trust NASDAQ ABA Community Bank Index F..	2.74%
FXO	First Trust Financials AlphaDEX Fund	2.29%
XHE	SPDR S&P Health Care Equipment ETF	1.95%
FTXO	First Trust Nasdaq Bank ETF	1.93%
KBWB	Invesco KBW Bank ETF	1.69%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IHI	iShares U.S. Medical Devices ETF	72.89
ITB	iShares U.S. Home Construction ETF	70.05
PTH	Invesco DWA Healthcare Momentum ETF	69.30
VDC	Vanguard Consumer Staples ETF	66.65
XLP	Consumer Staples Select Sector SPDR Fund	65.82
PSL	Invesco DWA Consumer Staples Momentum ETF	65.71
FSTA	FIDELITY COVINGTON TRUST MSCI CONSUMER STAPLES..	65.68
PKB	Invesco Dynamic Building & Construction ETF	64.52
XHB	SPDR S&P Homebuilders ETF	64.45
XHE	SPDR S&P Health Care Equipment ETF	64.25

Sector & Industry 1 Day Performance Laggards

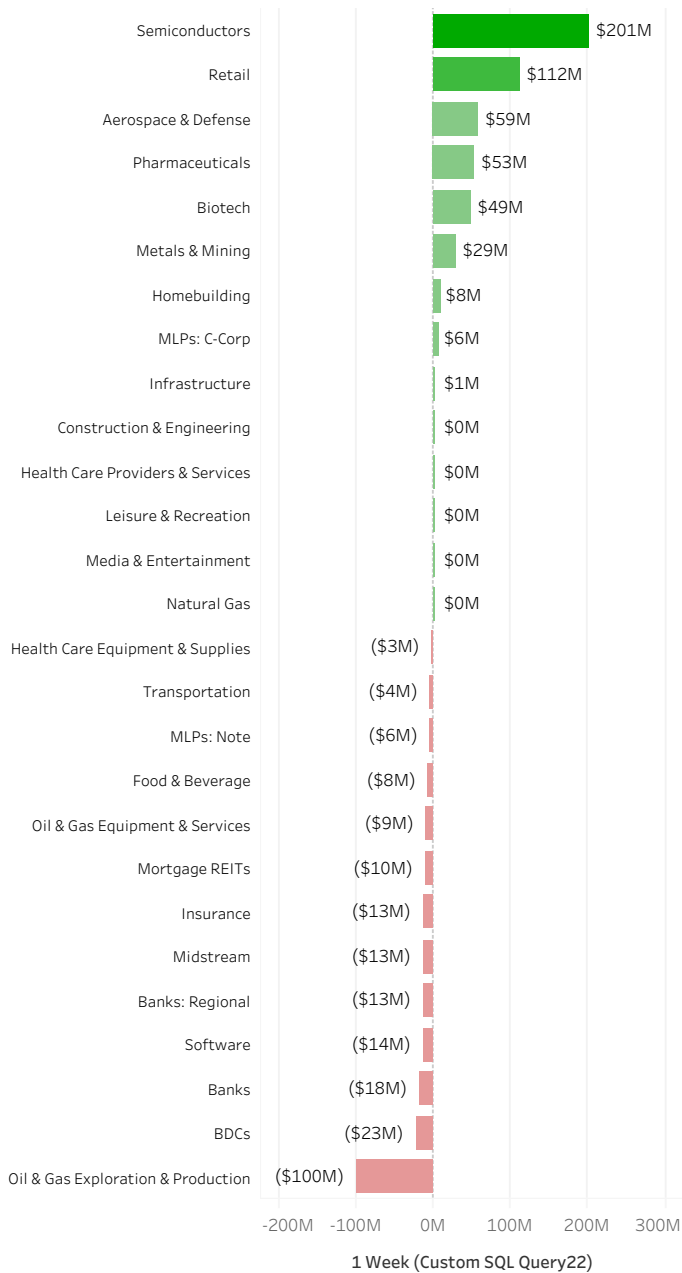
Ticker	Fund	1 Day Performance
IGN	iShares North American Tech-Multimedia Networking ..	-2.90%
PTF	Invesco DWA Technology Momentum ETF	-2.47%
IHF	iShares U.S. Healthcare Providers ETF	-2.18%
XTL	SPDR S&P Telecom ETF	-1.92%
PSCT	Invesco S&P SmallCap Information Technology ETF	-1.70%
IYZ	iShares U.S. Telecommunications ETF	-1.37%
XME	SPDR S&P Metals & Mining ETF	-1.36%
FXL	First Trust Technology AlphaDEX Fund	-1.36%
RYT	Invesco S&P 500 Equal Weight Technology ETF	-1.32%
XSD	SPDR S&P Semiconductor ETF	-1.28%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
XTL	SPDR S&P Telecom ETF	32.44
IGN	iShares North American Tech-Multimedia Networking ETF	32.79
PSCT	Invesco S&P SmallCap Information Technology ETF	38.60
IYZ	iShares U.S. Telecommunications ETF	40.05
QABA	First Trust NASDAQ ABA Community Bank Index Fund	41.13
NETL	NETLease Corporate Real Estate ETF	42.96
KBWY	Invesco KBW Premium Yield Equity REIT ETF	43.20
PSI	Invesco Dynamic Semiconductors ETF	43.63
AIRR	First Trust RBA American Industrial Renaissance ETF	43.84
XSD	SPDR S&P Semiconductor ETF	44.15

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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	\$84M	\$1,301M	\$1,239M	\$893M
Consumer Discretionary	12	\$23B	\$559M	\$1,026M	\$675M	(\$2,166M)
Consumer Staples	10	\$31B	\$659M	\$570M	\$2,461M	\$5,041M
Energy	32	\$75B	(\$385M)	(\$3,919M)	(\$4,576M)	(\$8,090M)
Financials	26	\$56B	\$249M	\$1,915M	\$1,615M	(\$9,751M)
Health Care	23	\$92B	\$554M	(\$4,576M)	(\$769M)	\$2,185M
Industrial	13	\$32B	(\$105M)	(\$52M)	\$1,847M	(\$1,423M)
Materials	9	\$15B	\$138M	\$224M	\$587M	(\$3,166M)
Multi-Sector	19	\$14B	\$14M	\$259M	\$77M	(\$2,021M)
Real Estate	25	\$56B	(\$243M)	(\$2,557M)	(\$2,309M)	(\$6,518M)
Technology	23	\$132B	(\$89M)	\$701M	\$1,459M	(\$431M)
Utilities	9	\$25B	(\$156M)	(\$134M)	(\$488M)	\$2,614M

U.S. Sector & Industry Flow Leaders

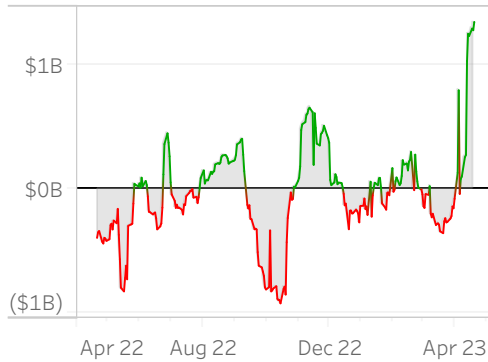
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	\$540M	\$1,025M	\$2,014M	(\$5,210M)	\$31,829M
XLP	Consumer Staples Select Sector SPDR Fund	\$521M	\$522M	\$1,724M	\$2,282M	\$18,292M
XLV	Consumer Discretionary Select Sector SPDR Fu..	\$472M	\$70M	(\$78M)	(\$751M)	\$14,750M
XLV	Health Care Select Sector SPDR Fund	\$462M	(\$1,427M)	\$281M	\$2,240M	\$39,950M
SOXX	iShares Semiconductor ETF	\$191M	\$428M	\$387M	(\$234M)	\$7,693M
RHS	Invesco S&P 500 Equal Weight Consumer Stapl..	\$135M	\$265M	\$359M	\$472M	\$1,030M
XLB	Materials Select Sector SPDR Fund	\$135M	\$81M	\$193M	(\$1,192M)	\$6,002M
XRT	SPDR S&P Retail ETF	\$112M	\$177M	\$116M	(\$98M)	\$413M
XBI	SPDR S&P BIOTECH ETF	\$88M	(\$2,113M)	(\$539M)	\$288M	\$6,537M
XLC	Communication Services Select Sector SPDR Fu..	\$71M	\$1,249M	\$1,220M	\$1,085M	\$10,999M

U.S. Sector & Industry Flow Laggards

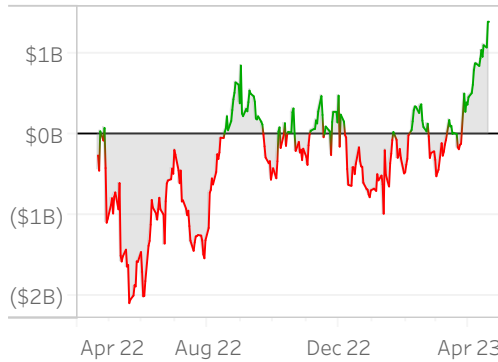
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLE	Energy Select Sector SPDR Fund	(\$270M)	(\$235M)	(\$870M)	(\$1,390M)	\$40,064M
XLK	Technology Select Sector SPDR Fund	(\$246M)	(\$2,036M)	(\$1,966M)	(\$2,061M)	\$43,095M
IYR	iShares U.S. Real Estate ETF	(\$166M)	(\$666M)	(\$294M)	(\$1,213M)	\$2,934M
XLU	Utilities Select Sector SPDR Fund	(\$136M)	\$229M	(\$166M)	\$2,084M	\$16,039M
XLI	Industrial Select Sector SPDR Fund	(\$130M)	(\$847M)	(\$52M)	(\$1,616M)	\$13,458M
XOP	SPDR S&P Oil & Gas Exploration & Production E..	(\$95M)	(\$316M)	(\$466M)	(\$1,616M)	\$3,703M
IAI	iShares U.S. Broker-Dealers & Securities Excha..	(\$91M)	(\$134M)	\$217M	\$207M	\$692M
VFH	Vanguard Financials ETF	(\$90M)	(\$430M)	(\$561M)	(\$1,949M)	\$7,969M
VGT	Vanguard Information Technology ETF	(\$47M)	(\$328M)	(\$280M)	(\$936M)	\$46,127M
IBB	iShares Biotechnology ETF	(\$40M)	(\$574M)	\$44M	(\$390M)	\$8,205M

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Communication Services



Consumer Discretionary



Consumer Staples



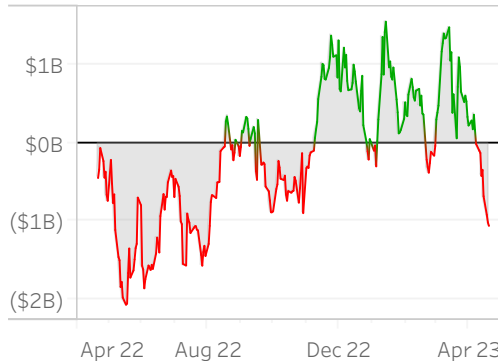
Energy



Financials



Industrial



Health Care



Materials



Real Estate



Technology



Utilities

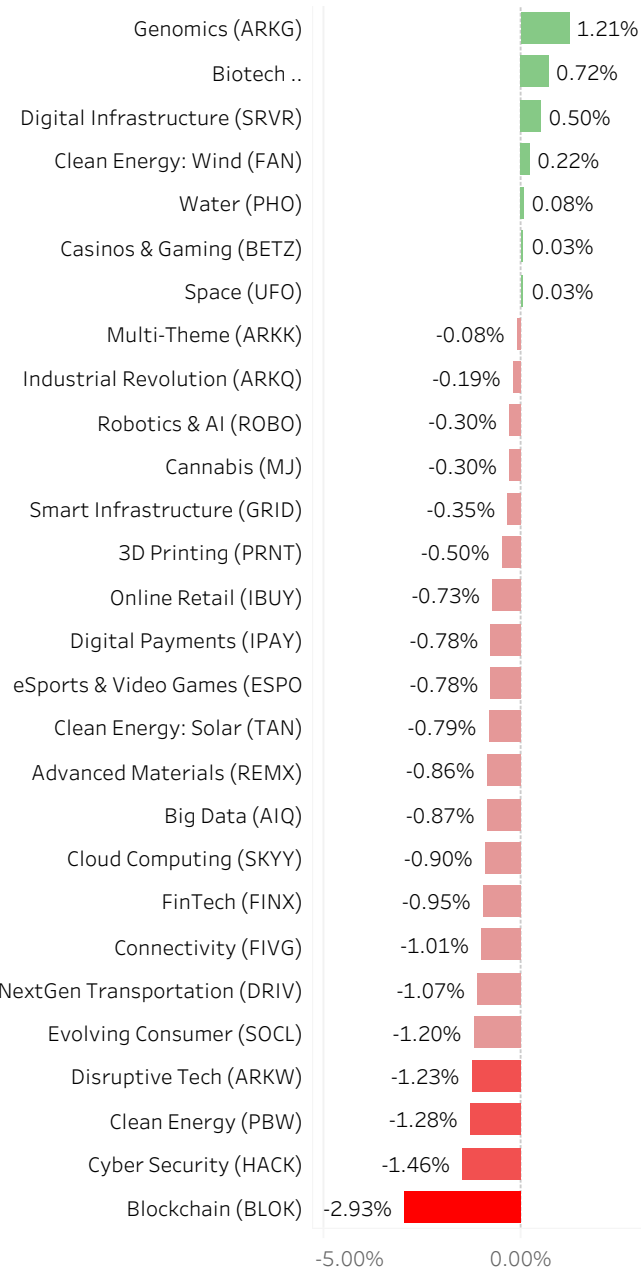


Multi-Sector

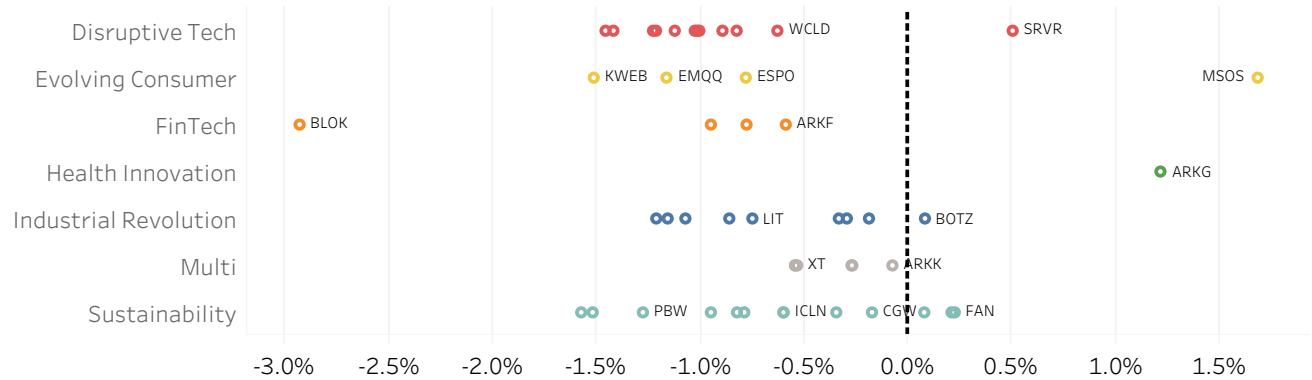


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Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance
MSOS	AdvisorShares Pure US Cannabis ETF	1.68%
BTEC	Principal Healthcare Innovators ETF	1.44%
EDOC	Global X Telemedicine & Digital Health ETF Registered	1.43%
GNOM	Global X Genomics & Biotechnology ETF	1.37%
ARKG	ARK Genomic Revolution ETF	1.21%
HTEC	ROBO Global Healthcare Technology and Innovation ETF	1.12%
GDOC	Goldman Sachs Future Health Care Equity ETF	1.02%
SBIO	ALPS Medical Breakthroughs ETF	0.72%
SRVR	Pacer Data & Infrastructure Real Estate ETF	0.50%
BJK	VanEck Gaming ETF	0.41%

Thematic Most Overbought

Ticker	Fund	Price
AGNG	Global X Aging Population ETF	70.99
GDOC	Goldman Sachs Future Health Care Equity ETF	69.47
BJK	VanEck Gaming ETF	66.59
SBIO	ALPS Medical Breakthroughs ETF	65.83
BETZ	Roundhill Sports Betting & iGaming ETF	62.48
TIME	Clockwise Capital Innovation ETF	61.85
BTEC	Principal Healthcare Innovators ETF	61.84
GBUY	Goldman Sachs Future Consumer Equity ETF	61.28
BITQ	Bitwise Crypto Industry Innovators ETF	61.25
PAWZ	ProShares Pet Care ETF	59.86

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance
BKCH	Global X Blockchain ETF	-5.83%
BITQ	Bitwise Crypto Industry Innovators ETF	-5.61%
BLOK	Amplify Transformational Data Sharing ETF	-2.93%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-2.20%
FDRV	Fidelity Electric Vehicles and Future Transportation E..	-1.66%
BLCN	Siren ETF Trust Siren Nasdaq NexGen Economy ETF	-1.65%
ERTH	Invesco MSCI Sustainable Future ETF	-1.58%
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	-1.52%
KWEB	KraneShares CSI China Internet ETF	-1.52%
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Secu..	-1.46%

Thematic Most Oversold

Ticker	Fund	Price
MJ	ETFMG Alternative Harvest ETFMG Alternative Harvest	34.46
MJUS	ETFMG U.S. Alternative Harvest ETF	36.73
MSOS	AdvisorShares Pure US Cannabis ETF	40.90
HAIL	SPDR S&P Kensho Smart Mobility ETF	42.03
PBW	Invesco WilderHill Clean Energy ETF	42.35
FIVG	Defiance Next Gen Connectivity ETF	42.77
IZRL	ARK Israel Innovative Technology ETF	44.00
ARKQ	ARK Autonomous Technology & Robotics ETF	44.70
ARKX	ARK Space Exploration & Innovation ETF	44.80
KWEB	KraneShares CSI China Internet ETF	44.81

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Thematic 1 Week Flow Leaders

Ticker	Fund	
ARKK	ARK Innovation ETF	\$96M
ARKG	ARK Genomic Revolution ETF	\$21M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$12M
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure Index	\$10M
ACES	ALPS Clean Energy ETF	\$6M
AIQ	Global X Artificial Intelligence & Technology ETF	\$5M
KOMP	SPDR S&P Kensho New Economies Composite ETF	\$4M
FIW	First Trust Water ETF	\$4M
TARK	AXS 2X Innovation ETF	\$3M
IBUY	Amplify Online Retail ETF	\$2M

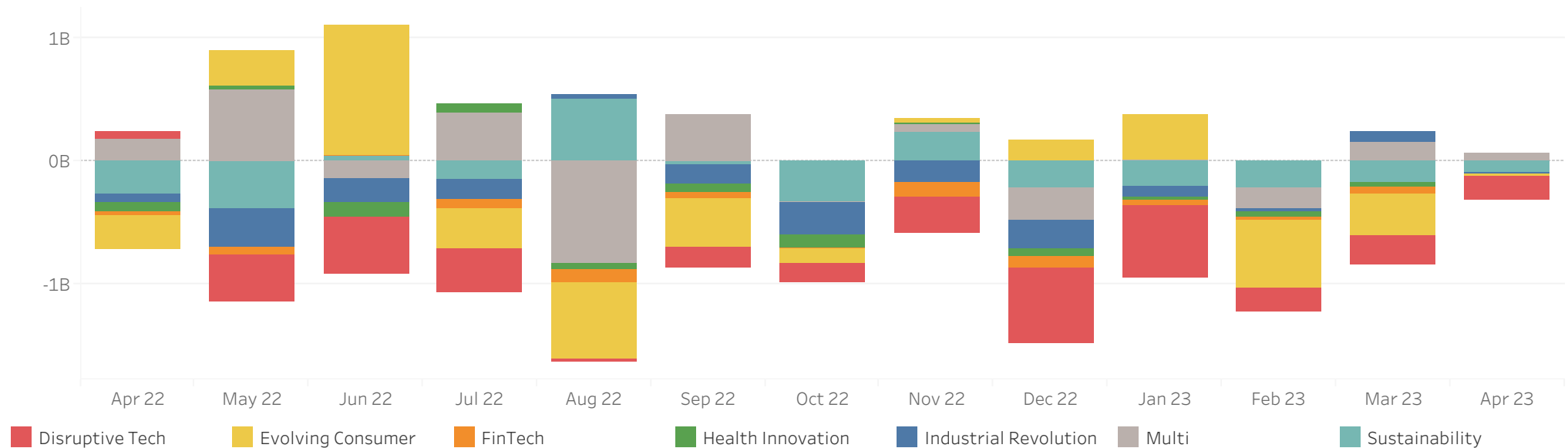
Thematic 1 Week Flow Laggards

Ticker	Fund	
ICLN	iShares Global Clean Energy ETF	(\$20M)
LIT	Global X Lithium & Battery Tech ETF	(\$19M)
TAN	Invesco Solar ETF	(\$18M)
BOTZ	Global X Robotics & Artificial Intelligence ETF	(\$18M)
PBW	Invesco WilderHill Clean Energy ETF	(\$14M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$12M)
HACK	ETFMG Prime Cyber Security ETFMG Prime Cyber Security Fund	(\$10M)
ROBO	ROBO Global Robotics & Automation Index ETF	(\$8M)
KWEB	KraneShares CSI China Internet ETF	(\$7M)
SKYY	First Trust Cloud Computing ETF	(\$7M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$15B	(\$17M)	(\$808M)	(\$2,165M)	(\$3,598M)
Evolving Consumer	44	\$9B	(\$2M)	(\$768M)	(\$416M)	(\$736M)
FinTech	19	\$3B	(\$1M)	(\$97M)	(\$341M)	(\$663M)
Health Innovation	19	\$3B	\$21M	(\$96M)	(\$190M)	(\$490M)
Industrial Revolution	31	\$11B	(\$43M)	\$45M	(\$541M)	(\$1,575M)
Multi	41	\$15B	\$120M	\$111M	(\$20M)	\$431M
Sustainability	40	\$17B	(\$45M)	(\$512M)	(\$836M)	(\$1,252M)
Grand Total	228	\$72B	\$34M	(\$2,126M)	(\$4,509M)	(\$7,883M)

Thematic Monthly Flows

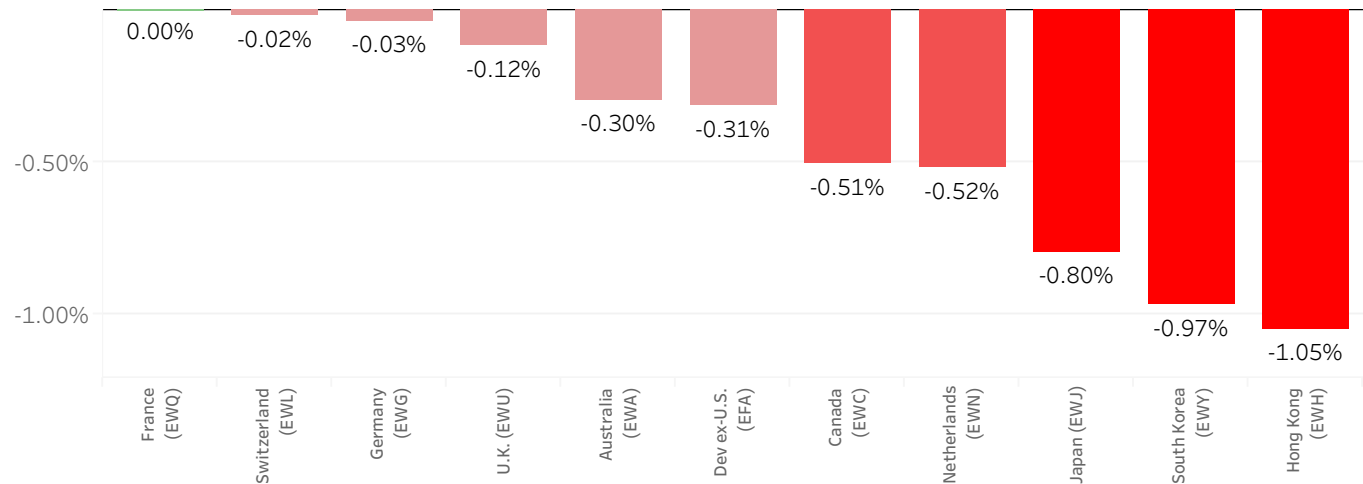


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Developed ex-U.S. (EFA)



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



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



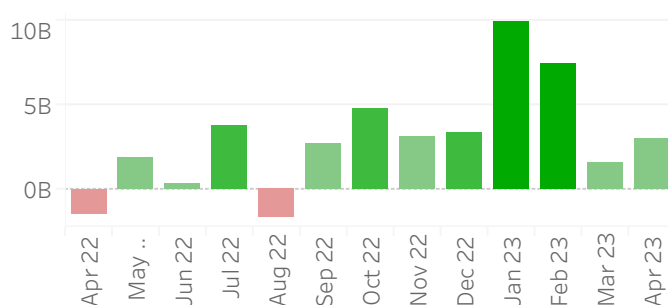
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
EWP	iShares MSCI Spain ETF	0.90%
EWS	iShares MSCI Singapore ETF	0.55%
EIRL	iShares MSCI Ireland ETF	0.47%
LVHI	Franklin International Low Volatility High Dividend Index ETF	0.29%
HEZU	iShares Currency Hedged MSCI Eurozone ETF	0.16%
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	0.08%
ENZL	iShares MSCI New Zealand ETF	0.03%
EWI	iShares MSCI Italy ETF	0.00%
EWQ	iShares MSCI France ETF	0.00%
EZU	iShares MSCI Eurozone ETF	0.00%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EWL	iShares MSCI Switzerland ETF	74.68
FLSW	Franklin FTSE Switzerland ETF	74.55
EFAV	iShares MSCI EAFE Min Vol Factor ETF	71.58
EUDG	WisdomTree Europe Quality Dividend Growth Fund	71.04
IMFL	Invesco International Developed Dynamic Multifactor ETF	70.55
QLVD	FlexShares Developed Markets ex-US Quality Low Volatility ETF	69.38
EWQ	iShares MSCI France ETF	69.25
FLEE	Franklin FTSE Europe ETF	68.82
HDEF	Xtrackers MSCI EAFE High Dividend Yield Equity ETF	68.66
BBEU	JPMorgan BetaBuilders Europe ETF	68.59

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
AIA	iShares Asia 50 ETF	-1.33%
NORW	Global X MSCI Norway ETF	-1.30%
EDEN	iShares MSCI Denmark ETF	-1.17%
SCJ	iShares MSCI Japan Small-Cap ETF	-1.07%
GREK	Global X MSCI Greece ETF	-1.05%
EWH	iShares MSCI Hong Kong ETF	-1.05%
EWY	iShares MSCI South Korea ETF	-0.97%
DFJ	WisdomTree Japan SmallCap Dividend Fund	-0.96%
MINV	Matthews Asia Innovators Active ETF	-0.92%
AAXJ	iShares MSCI All Country Asia ex Japan ETF	-0.91%

Developed ex-U.S. Most Oversold

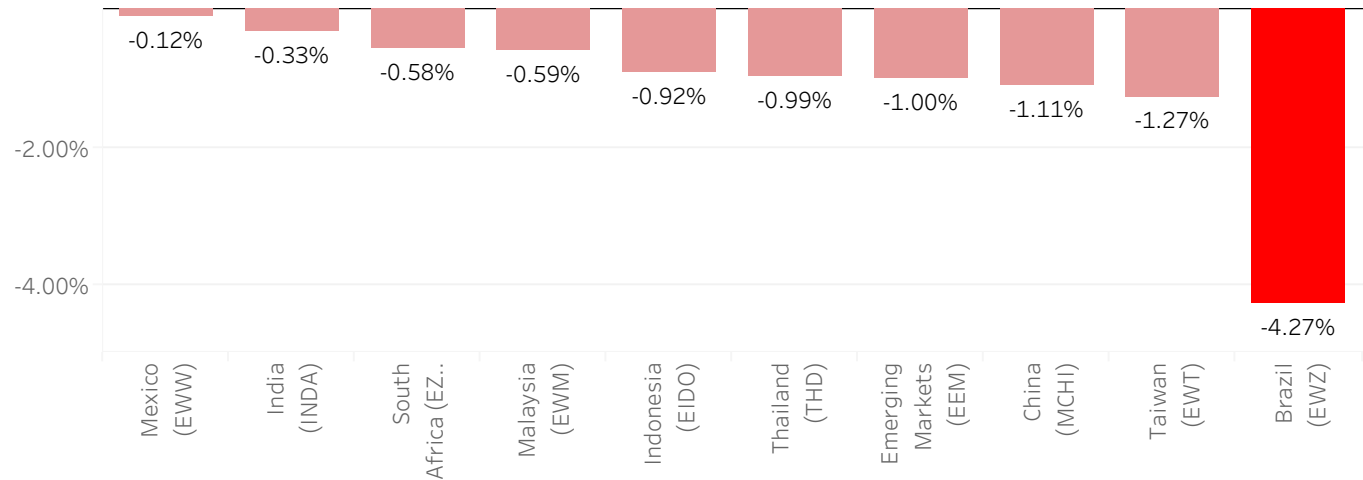
Ticker	Fund	Value
EIS	iShares MSCI Israel ETF	39.67
AIA	iShares Asia 50 ETF	46.14
MINV	Matthews Asia Innovators Active ETF	46.20
ISRA	VanEck Israel ETF	46.61
DFJ	WisdomTree Japan SmallCap Dividend Fund	49.12
ENZL	iShares MSCI New Zealand ETF	49.79
AAXJ	iShares MSCI All Country Asia ex Japan ETF	50.60
EWH	iShares MSCI Hong Kong ETF	51.05
NORW	Global X MSCI Norway ETF	51.72
SCJ	iShares MSCI Japan Small-Cap ETF	52.27

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

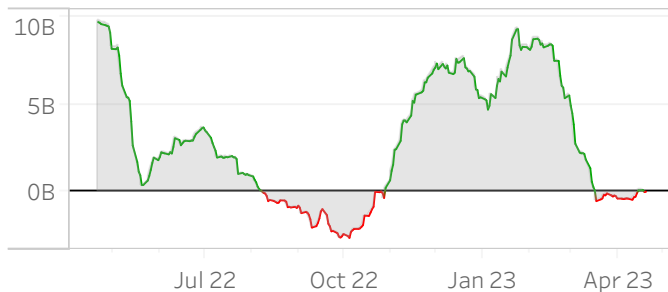
Emerging (EEM)



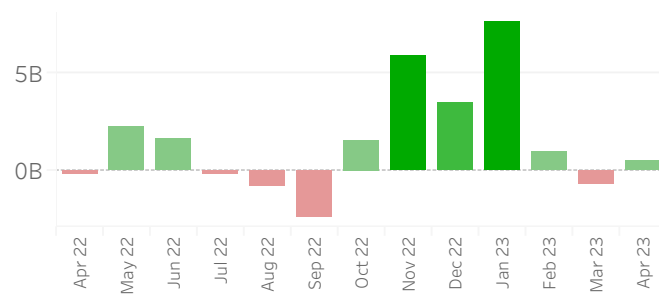
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
TUR	iShares MSCI Turkey ETF	0.47%
PIN	Invesco India ETF	0.12%
KSA	iShares MSCI Saudi Arabia ETF	0.00%
QAT	iShares MSCI Qatar ETF	0.00%
INDY	iShares India 50 ETF	-0.05%
EPOL	iShares MSCI Poland ETF	-0.06%
SMIN	iShares MSCI India Small Cap ETF	-0.06%
EPI	WisdomTree India Earnings Fund	-0.09%
EWW	iShares MSCI Mexico ETF	-0.12%
FLIN	Franklin FTSE India ETF	-0.25%

Emerging Most Overbought

Ticker	Fund	Value
EPOL	iShares MSCI Poland ETF	72.45
KSA	iShares MSCI Saudi Arabia ETF	70.83
EPU	iShares MSCI Peru and Global Exposure ETF	67.74
ECOW	Pacer Emerging Markets Cash Cows 100 ETF	67.02
UEVM	VictoryShares Emerging Markets Value Momentum E..	65.11
EDIV	SPDR S&P Emerging Markets Dividend ETF	63.22
EEMV	iShares MSCI Emerging Markets Min Vol Factor ETF	61.72
DFEV	Dimensional Emerging Markets Value ETF	61.69
FEM	First Trust Emerging Markets AlphaDEX Fund	60.02
SMIN	iShares MSCI India Small Cap ETF	59.53

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
EWZS	iShares MSCI Brazil Small-Cap ETF	-4.46%
FLBR	Franklin FTSE Brazil ETF	-4.31%
EWZ	iShares MSCI Brazil ETF	-4.27%
ILF	iShares Latin America 40 ETF	-2.88%
FLLA	Franklin FTSE Latin America ETF	-2.75%
PGJ	Invesco Golden Dragon China ETF	-1.68%
DGRE	WisdomTree Emerging Markets Quality Dividend Growt..	-1.66%
DVYE	iShares Emerging Markets Dividend ETF	-1.60%
ECH	iShares MSCI Chile ETF	-1.52%
FLN	First Trust Latin America AlphaDEX Fund	-1.44%

Emerging Most Oversold

Ticker	Fund	Value
EPHE	iShares MSCI Philippines ETF	32.45
QAT	iShares MSCI Qatar ETF	41.70
EWT	iShares MSCI Taiwan ETF	42.16
FLTW	Franklin FTSE Taiwan ETF	42.69
THD	iShares MSCI Thailand ETF	43.27
VNM	VanEck Vietnam ETF	43.90
PGJ	Invesco Golden Dragon China ETF	44.95
EWZS	iShares MSCI Brazil Small-Cap ETF	45.07
EWM	iShares MSCI Malaysia ETF	46.36
FM	iShares MSCI Frontier and Select EM ETF	46.70

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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	-0.15%	-0.36%	2.71%
SHY	1-3 Year Treasury Bonds	-0.09%	-0.37%	1.38%
IEF	7-10 Year Treasury Bonds	-0.21%	-0.83%	3.20%
TLT	20+ Year Treasury Bonds	-0.10%	-2.33%	5.35%
TIP	TIPS Bonds	-0.10%	0.78%	2.84%
FLOT	Floating Rate Bonds	-0.06%	1.57%	1.52%
LQD	Investment Grade Corporate	-0.50%	0.80%	3.93%
HYG	High Yield Corporate	-0.40%	2.45%	3.21%
BKLN	Senior Loan	0.00%	2.98%	4.17%
PFF	Preferred & Income Securities	0.27%	4.68%	4.66%
MUB	Municipal Bonds	-0.13%	-0.08%	1.90%
MBB	MBS	0.00%	-0.95%	2.08%
EMB	Dollar Denominated EM Bonds	-0.48%	1.27%	1.61%
LEMB	Local Currency EM Bond	-0.43%	1.61%	2.77%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-1.41%	5.67%	-4.39%
DBE	Energy	-1.71%	8.55%	-7.74%
USO	WTI Crude Oil	-2.02%	18.14%	-1.16%
BNO	Brent Crude Oil	-1.95%	15.21%	-1.98%
UNG	Natural Gas	-4.90%	-10.38%	-50.43%
UGA	Gasoline	-3.23%	8.67%	0.62%
DBP	Precious Metals	-0.25%	3.37%	8.28%
GLD	Gold	-0.48%	0.87%	9.27%
SLV	Silver	0.35%	12.60%	5.50%
PPLT	abrdn Physical Platin..	0.88%	12.10%	1.72%
PALL	abrdn Physical Palla..	-0.95%	14.87%	-9.85%
DBB	Base Metals	-0.60%	2.78%	2.72%
CPER	Copper	-0.64%	4.80%	7.80%
LD	Lead	-0.51%	2.48%	-6.95%
JJN	Nickel	-0.01%	8.66%	-14.73%
JJU	Aluminum	0.81%	7.58%	1.38%
JJT	Tin	-1.94%	20.58%	8.70%
DBA	Agriculture	-0.89%	6.45%	4.76%
CORN	Corn	-1.26%	1.57%	-6.57%
SOYB	Soybeans	-0.69%	0.40%	-4.63%
WEAT	Wheat	-2.53%	-3.08%	-13.16%
CANE	Sugar	-0.28%	17.90%	31.64%
BAL	Cotton	-1.39%	7.97%	0.83%
NIB	Cocoa	0.13%	13.55%	20.41%
JO	Coffee	-1.07%	14.06%	21.69%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.22%	-1.49%	-0.11%
UDN	Short Dollar	-0.26%	2.11%	2.22%
FXE	Euro	-0.10%	2.95%	2.68%
FXB	British Pound Sterling	0.07%	2.47%	3.72%
FXF	Swiss Franc	-0.10%	3.08%	2.82%
FXJ	Japanese Yen	-0.55%	-2.19%	-2.83%
FXC	Canadian Dollar	-0.46%	2.34%	1.19%
FXA	Australian Dollar	-0.13%	0.52%	-1.09%

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