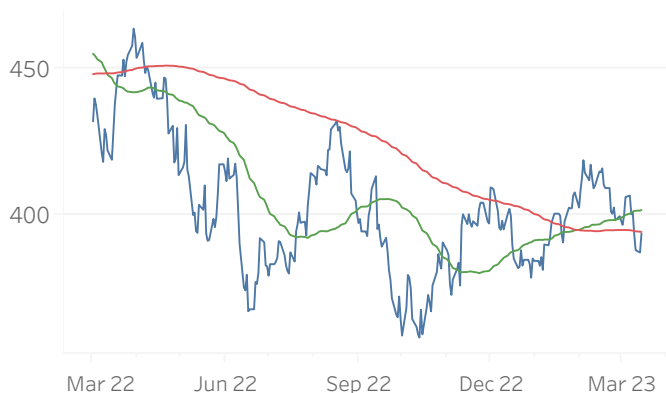
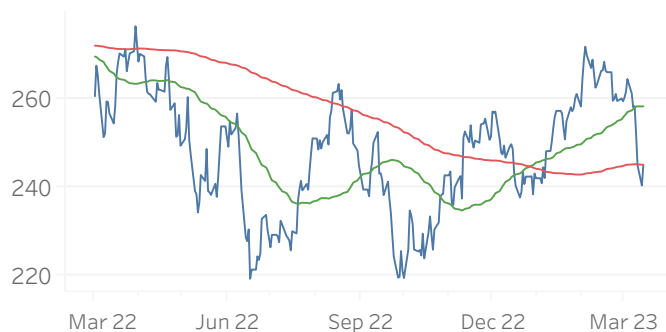


Large Cap Blend (S&P 500) IVV



Mid Cap Blend (S&P 400) IJH

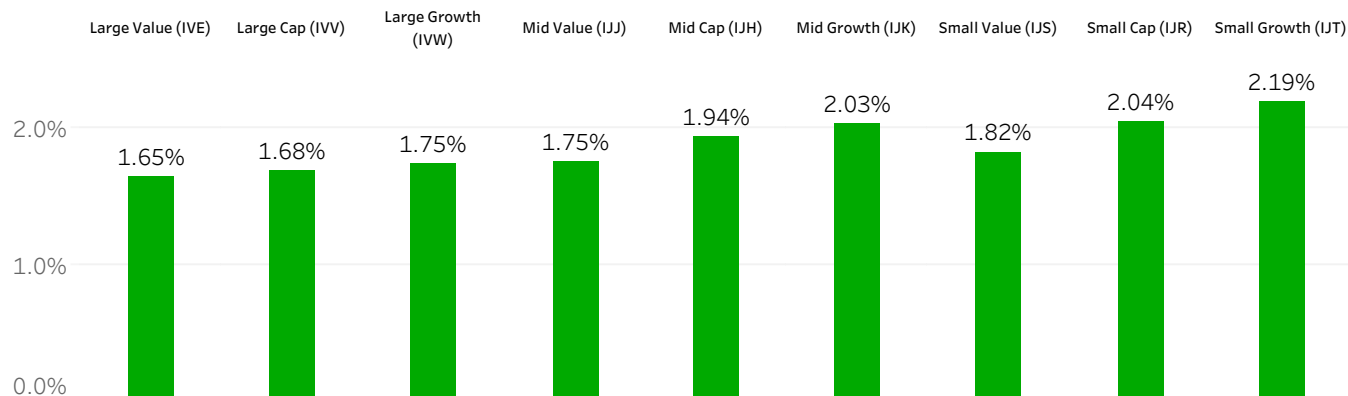


Small Cap Blend (S&P 600) IJR



■ 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	2.56%
FFTY	Innovator IBD 50 ETF	2.49%
OMFS	Invesco Russell 2000 Dynamic Multifactor ETF	2.47%
PTNQ	Pacer Trendpilot 100 ETF	2.46%
SLYG	SPDR S&P 600 Small Cap Growth ETF	2.38%
DUSA	Davis Select U.S. Equity ETF	2.35%
CSF	VictoryShares US Discovery Enhanced Volatility Wtd ETF	2.32%
SCHG	Schwab U.S. Large-Cap Growth ETF	2.32%
QQQ	Invesco QQQ Trust	2.30%
MGK	Vanguard Mega Cap Growth ETF	2.29%

Size & Style Most Overbought

Ticker	Fund	Price
QQQ	Invesco QQQ Trust	52.61
QQQM	Invesco NASDAQ 100 ETF	52.44
MGK	Vanguard Mega Cap Growth ETF	51.56
SPC	CrossingBridge Pre-Merger SPAC ETF	51.30
JEPQ	J.P. Morgan Nasdaq Equity Premium Income ETF	51.26
PTNQ	Pacer Trendpilot 100 ETF	51.10
SCHG	Schwab U.S. Large-Cap Growth ETF	50.82
SPUS	SP Funds S&P 500 Sharia Industry Exclusions ETF	50.77
IWY	iShares Russell Top 200 Growth ETF	50.75
QQH	HCM Defender 100 Index ETF	50.47

Size & Style 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
RPHS	Regents Park Hedged Market Strategy ETF	-0.24%
SPC	CrossingBridge Pre-Merger SPAC ETF	-0.21%
SQEW	LeaderShares Equity Skew ETF	0.52%
ABEQ	Absolute Select Value ETF	0.61%
WBIG	WBI BullBear Yield 3000 ETF	0.69%
MBOX	Freedom Day Dividend ETF	0.70%
HUSV	First Trust Horizon Managed Volatility Domestic ETF	0.73%
RPV	Invesco S&P 500 Pure Value ETF	0.79%
DJD	Invesco Dow Jones Industrial Average Dividend ETF	0.80%
HDV	iShares Core High Dividend ETF	0.80%

Size & Style Most Oversold

Ticker	Fund	Price
DIV	Global X SuperDividend US ETF	20.63
RPV	Invesco S&P 500 Pure Value ETF	23.13
RDIV	Invesco S&P Ultra Dividend Revenue ETF	23.79
SPDV	AAM S&P 500 High Dividend Value ETF	24.57
NUMV	Nuveen ESG Mid-Cap Value ETF	25.56
VFVA	Vanguard U.S. Value Factor ETF	26.43
CDC	VictoryShares US EQ Income Enhanced Volatility Wt..	26.44
SPVU	Invesco S&P 500 Enhanced Value ETF	26.60
SPYD	SPDR Portfolio S&P 500 High Dividend ETF	26.63
WBIG	WBI BullBear Yield 3000 ETF	26.71

*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	\$1,183B	(\$4.46B)	(\$29.13B)	\$10.35B	\$34.74B
Large Cap, Beta, Beta: Growth	10	\$223B	(\$0.01B)	(\$1.15B)	\$8.02B	\$21.36B
Large Cap, Beta, Beta: Value	11	\$214B	\$0.06B	(\$9.66B)	\$2.03B	\$6.88B
Mid Cap, Beta, Beta	10	\$179B	\$1.59B	\$1.90B	\$6.10B	\$13.07B
Mid Cap, Beta, Beta: Growth	6	\$32B	\$0.70B	(\$0.31B)	(\$0.18B)	\$1.37B
Mid Cap, Beta, Beta: Value	6	\$40B	\$1.08B	(\$2.12B)	\$1.51B	\$1.99B
Small Cap, Beta, Beta	13	\$189B	\$2.64B	\$1.29B	\$6.30B	\$3.66B
Small Cap, Beta, Beta: Growth	7	\$31B	\$0.54B	(\$0.24B)	\$0.67B	\$1.36B
Small Cap, Beta, Beta: Value	7	\$50B	\$1.40B	(\$0.17B)	\$2.19B	(\$1.02B)

U.S. Size & Style Flow Leaders

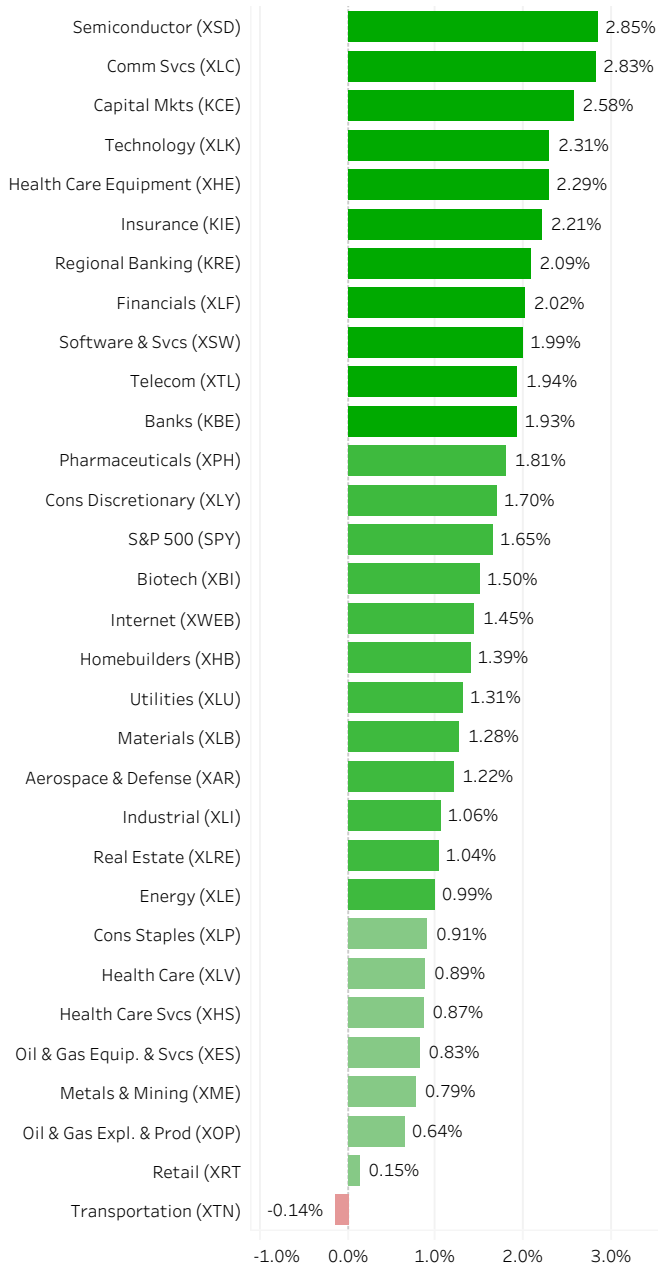
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
VIOO	Vanguard S&P Small-Cap 600 ETF	\$2.19B	\$2.26B	\$2.44B	\$2.60B	\$4.37B
QQQ	Invesco QQQ Trust	\$1.74B	(\$2.60B)	(\$1.72B)	\$1.83B	\$155.96B
IVOO	Vanguard S&P Mid-Cap 400 ETF	\$1.46B	\$1.48B	\$1.53B	\$1.56B	\$2.93B
VIOV	Vanguard S&P Small-Cap 600 Value ETF	\$1.26B	\$1.04B	\$1.33B	\$1.39B	\$2.53B
IVOV	Vanguard S&P Mid-Cap 400 Value ETF	\$0.79B	\$0.60B	\$0.79B	\$0.82B	\$1.57B
IVOG	Vanguard S&P Mid-Cap 400 Growth ETF	\$0.71B	\$0.70B	\$0.70B	\$0.71B	\$1.41B
IVV	iShares Core S&P 500 ETF	\$0.69B	(\$3.66B)	\$0.60B	\$5.92B	\$289.52B
VTI	Vanguard Total Stock Market ETF	\$0.60B	\$4.02B	\$9.17B	\$21.88B	\$266.71B
VIOG	Vanguard S&P Small-Cap 600 Growth ETF	\$0.50B	\$0.52B	\$0.53B	\$0.54B	\$1.00B
VO	Vanguard Mid-Cap ETF	\$0.37B	(\$1.17B)	(\$0.40B)	\$3.30B	\$50.00B

U.S. Size & Style Flow Laggards

Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
SPY	SPDR S&P 500 ETF Trust	(\$6.99B)	(\$27.03B)	(\$0.93B)	(\$5.70B)	\$343.40B
DIA	SPDR Dow Jones Industrial Average ETF Trust	(\$0.39B)	(\$2.49B)	(\$1.10B)	(\$0.40B)	\$26.84B
RSP	Invesco S&P 500 Equal Weight ETF	(\$0.30B)	\$1.83B	\$3.48B	\$4.44B	\$33.56B
IWD	iShares Russell 1000 Value ETF	(\$0.20B)	(\$3.34B)	(\$1.86B)	(\$2.99B)	\$48.82B
DLN	WisdomTree U.S. LargeCap Dividend Fund	(\$0.16B)	(\$0.23B)	(\$0.11B)	\$0.28B	\$3.35B
MDY	SPDR S&P Midcap 400 ETF Trust	(\$0.16B)	(\$0.16B)	\$0.37B	(\$0.09B)	\$18.03B
DVY	iShares Select Dividend ETF	(\$0.15B)	(\$0.17B)	\$0.77B	\$2.39B	\$21.21B
AVUV	Avantis U.S. Small Cap Value ETF	(\$0.15B)	\$0.85B	\$1.71B	\$2.88B	\$5.26B
USMV	iShares MSCI USA Min Vol Factor ETF	(\$0.12B)	(\$1.36B)	(\$0.20B)	\$2.37B	\$27.44B
XLG	Invesco S&P 500 Top 50 ETF	(\$0.09B)	(\$0.19B)	(\$0.25B)	(\$0.22B)	\$1.73B

* 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)
XLI	Industrial Select Sector SPDR Fund	-4.99%	20.09%	-1.85%	4.52%	42.11
XLP	Consumer Staples Select Sector SPDR Fund	-10.49%	8.45%	-1.48%	-1.16%	46.18
XLV	Health Care Select Sector SPDR Fund	-11.48%	5.46%	-3.90%	-3.09%	39.81
XLE	Energy Select Sector SPDR Fund	-13.11%	21.13%	-6.23%	-1.03%	36.70
XLB	Materials Select Sector SPDR Fund	-13.45%	16.41%	-4.47%	0.94%	37.98
XLK	Technology Select Sector SPDR Fund	-14.58%	19.82%	2.78%	5.44%	54.08
SPY	SPDR S&P 500 ETF Trust	-15.13%	9.86%	-2.10%	-0.11%	42.73
XLU	Utilities Select Sector SPDR Fund	-15.17%	7.72%	-2.83%	-5.14%	47.98
XLF	Financial Select Sector SPDR Fund	-18.30%	6.54%	-9.52%	-4.73%	25.56
XLC	Communication Services Select Sector SPDR Fund	-24.52%	18.34%	-0.41%	1.91%	48.88
XLV	Consumer Discretionary Select Sector SPDR Fund	-26.47%	11.55%	-2.06%	-3.59%	42.62
XLRE	Real Estate Select Sector SPDR Fund	-26.76%	9.74%	-5.19%	-5.95%	40.12

Sector & Industry 1 Day Performance Leaders

Ticker	Fund	1 Day Performance
IAI	iShares U.S. Broker-Dealers & Securities Exchange..	3.14%
KBWB	Invesco KBW Bank ETF	3.06%
PTF	Invesco DWA Technology Momentum ETF	2.94%
SOXX	iShares Semiconductor ETF	2.92%
FTXL	First Trust Nasdaq Semiconductor ETF	2.89%
SOXQ	Invesco PHLX Semiconductor ETF	2.86%
XSD	SPDR S&P Semiconductor ETF	2.85%
XLC	Communication Services Select Sector SPDR Fund	2.83%
PSCT	Invesco S&P SmallCap Information Technology ETF	2.82%
FXO	First Trust Financials AlphaDEX Fund	2.81%

Sector & Industry Most Overbought

Ticker	Fund	RSI (14D)
IYW	iShares U.S. Technology ETF	54.39
XLK	Technology Select Sector SPDR Fund	54.08
SOXX	iShares Semiconductor ETF	53.70
SOXQ	Invesco PHLX Semiconductor ETF	53.36
FTXL	First Trust Nasdaq Semiconductor ETF	52.82
VGT	Vanguard Information Technology ETF	52.47
FTEC	Fidelity MSCI Information Technology Index ETF	52.19
PSI	Invesco Dynamic Semiconductors ETF	51.80
QTEC	First Trust NASDAQ-100 Technology Sector Index Fund	51.65
IGM	iShares Expanded Tech Sector ETF	51.64

Sector & Industry 1 Day Performance Laggards

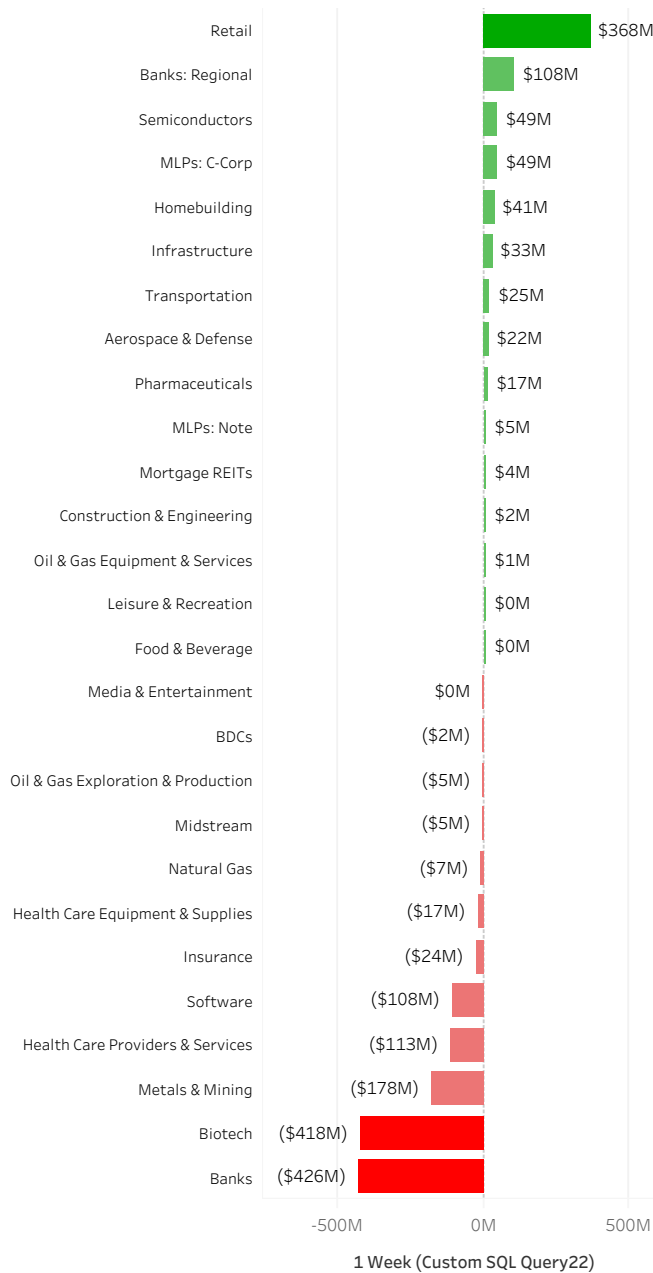
Ticker	Fund	1 Day Performance
FTXR	First Trust Nasdaq Transportation ETF	-0.30%
XTN	SPDR S&P Transportation ETF	-0.14%
AMLP	Alerian MLP ETF	0.03%
XRT	SPDR S&P Retail ETF	0.15%
IYT	iShares US Transportation ETF	0.16%
MLPX	Global X MLP & Energy Infrastructure ETF	0.20%
FCG	First Trust Natural Gas ETF	0.32%
MLPA	Global X MLP ETF	0.34%
KBWY	Invesco KBW Premium Yield Equity REIT ETF	0.48%
EWRE	Invesco S&P 500 Equal Weight Real Estate ETF	0.52%

Sector & Industry Most Oversold

Ticker	Fund	RSI (14D)
IAT	iShares U.S. Regional Banks ETF	13.26
KRE	SPDR S&P Regional Banking ETF	15.28
KBE	SPDR S&P Bank ETF	16.97
FTXO	First Trust Nasdaq Bank ETF	17.57
KBWB	Invesco KBW Bank ETF	18.43
KBWR	Invesco KBW Regional Banking ETF	20.17
RYF	Invesco S&P 500 Equal Weight Financials ETF	20.30
FXO	First Trust Financials AlphaDEX Fund	21.00
QABA	First Trust NASDAQ ABA Community Bank Index Fund	22.65
IYF	iShares U.S. Financials ETF	25.43

* 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	\$12B	(\$49M)	(\$303M)	(\$162M)	(\$897M)
Consumer Discretionary	12	\$20B	\$365M	(\$27M)	(\$812M)	(\$2,579M)
Consumer Staples	10	\$28B	(\$56M)	(\$368M)	\$686M	\$4,445M
Energy	32	\$74B	(\$220M)	(\$1,735M)	(\$864M)	(\$6,978M)
Financials	26	\$54B	(\$916M)	(\$444M)	(\$1,326M)	(\$14,051M)
Health Care	23	\$87B	(\$614M)	(\$3,249M)	(\$1,059M)	\$5,778M
Industrial	13	\$32B	(\$159M)	\$1,339M	\$2,356M	(\$964M)
Materials	9	\$14B	(\$152M)	\$725M	\$379M	(\$2,132M)
Multi-Sector	19	\$13B	\$83M	(\$209M)	(\$593M)	(\$3,609M)
Real Estate	25	\$56B	(\$290M)	(\$2,162M)	(\$2,252M)	(\$5,141M)
Technology	23	\$119B	(\$230M)	(\$2,292M)	(\$402M)	\$988M
Utilities	9	\$23B	\$164M	(\$768M)	(\$1,384M)	\$3,574M

U.S. Sector & Industry Flow Leaders

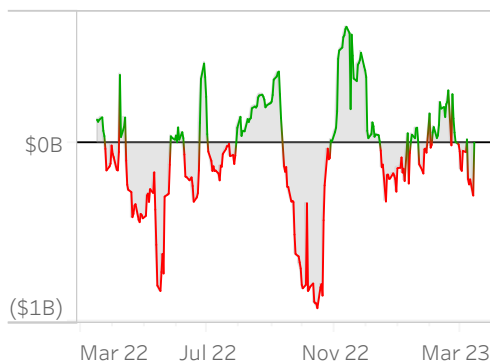
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XRT	SPDR S&P Retail ETF	\$368M	\$366M	\$419M	\$344M	\$645M
XLU	Utilities Select Sector SPDR Fund	\$229M	(\$747M)	(\$1,056M)	\$2,393M	\$14,399M
ITB	iShares U.S. Home Construction ETF	\$213M	\$89M	\$47M	(\$395M)	\$1,497M
VGT	Vanguard Information Technology ETF	\$158M	(\$529M)	(\$904M)	\$980M	\$42,502M
KRE	SPDR S&P Regional Banking ETF	\$98M	(\$360M)	(\$625M)	(\$2,562M)	\$2,122M
IAI	iShares U.S. Broker-Dealers & Securities Excha..	\$77M	\$92M	\$390M	\$369M	\$824M
EWCO	Invesco S&P 500 Equal Weight Communication ..	\$67M	\$81M	\$86M	\$79M	\$112M
AMLP	Alerian MLP ETF	\$47M	(\$81M)	(\$5M)	(\$74M)	\$6,332M
SOXX	iShares Semiconductor ETF	\$43M	\$149M	\$53M	(\$465M)	\$6,965M
VDC	Vanguard Consumer Staples ETF	\$37M	(\$11M)	(\$128M)	\$128M	\$6,498M

U.S. Sector & Industry Flow Laggards

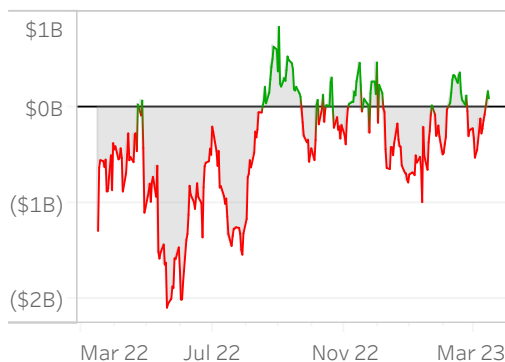
Ticker	Fund	1 Week	3 Month	6 Month	1 Year	AUM
XLF	Financial Select Sector SPDR Fund	(\$439M)	(\$441M)	(\$1,011M)	(\$7,813M)	\$30,233M
KBWB	Invesco KBW Bank ETF	(\$357M)	\$16M	(\$31M)	(\$352M)	\$1,425M
XBI	SPDR S&P BIOTECH ETF	(\$331M)	(\$1,198M)	(\$502M)	\$322M	\$6,240M
XLK	Technology Select Sector SPDR Fund	(\$247M)	(\$2,324M)	(\$2,243M)	(\$152M)	\$39,357M
XLE	Energy Select Sector SPDR Fund	(\$208M)	\$605M	\$758M	(\$1,468M)	\$38,932M
XLI	Industrial Select Sector SPDR Fund	(\$196M)	\$100M	\$602M	(\$1,607M)	\$14,030M
XME	SPDR S&P Metals & Mining ETF	(\$178M)	\$176M	\$393M	(\$654M)	\$2,288M
XHB	SPDR S&P Homebuilders ETF	(\$172M)	(\$240M)	(\$139M)	(\$634M)	\$750M
VFH	Vanguard Financials ETF	(\$165M)	(\$296M)	(\$550M)	(\$2,158M)	\$7,657M
FREL	Fidelity MSCI Real Estate Index ETF	(\$135M)	(\$227M)	(\$280M)	(\$349M)	\$1,214M

* 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



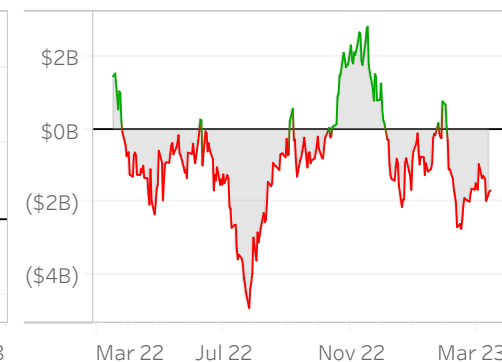
Consumer Discretionary



Consumer Staples



Energy



Financials



Industrial



Health Care



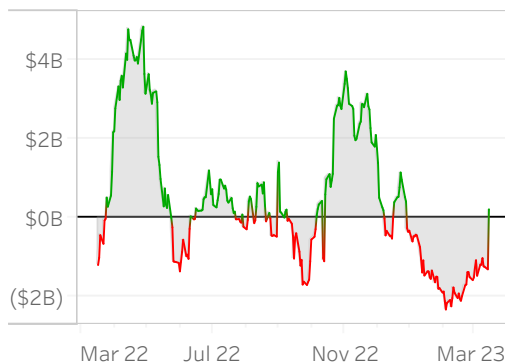
Materials



Real Estate



Technology



Utilities

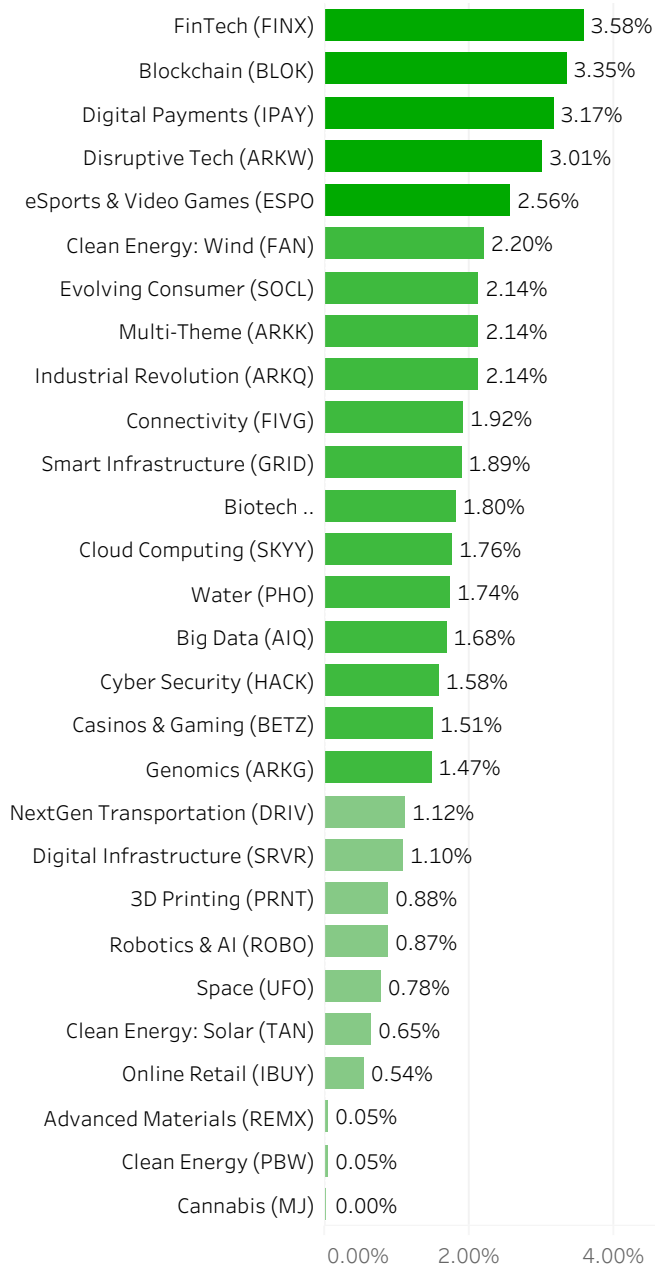


Multi-Sector

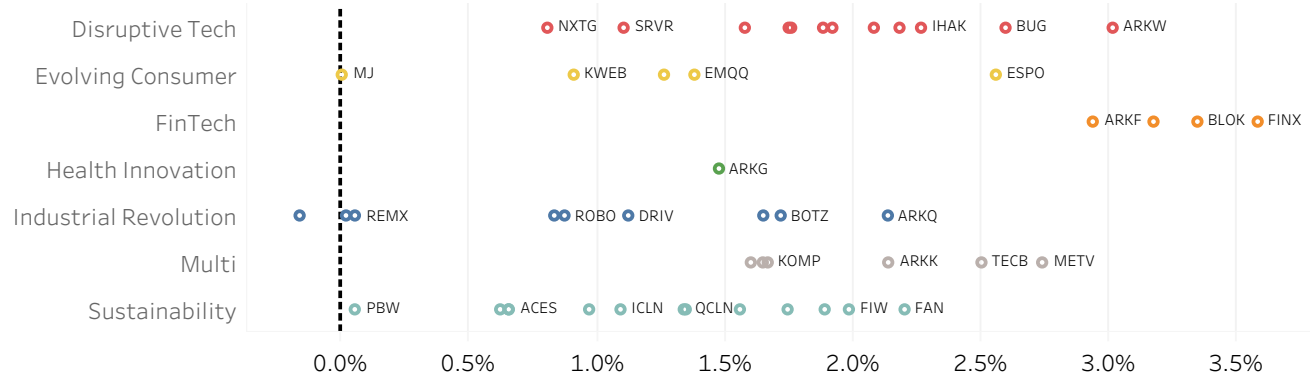


*ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

Global Thematic Segment 1-Day Performance



Global Thematic 1-Day Performance Landscape



Global Thematic 1-Day Performance Leaders

Ticker	Fund	Performance (%)
FINX	Global X FinTech ETF	3.58%
BLOK	Amplify Transformational Data Sharing ETF	3.35%
IPAY	ETFMG Prime Mobile Payments ETF	3.17%
ARKW	ARK Next Generation Internet ETF	3.01%
ARKF	ARK Fintech Innovation ETF	2.94%
METV	Roundhill Ball Metaverse ETF	2.74%
BUG	Global X Cybersecurity ETF	2.60%
ESPO	VanEck Video Gaming and eSports ETF	2.56%
TECB	iShares U.S. Tech Breakthrough Multisector ETF	2.50%
IHAK	iShares Cybersecurity & Tech ETF	2.26%

Thematic Most Overbought

Ticker	Fund	Price
ESPO	VanEck Video Gaming and eSports ETF	54.06
METV	Roundhill Ball Metaverse ETF	53.13
FAN	First Trust Global Wind Energy ETF	51.84
NXTG	First Trust Indxx NextG ETF	51.27
BOTZ	Global X Robotics & Artificial Intelligence ETF	51.27
GRID	First Trust Nasdaq Clean Edge Smart GRID Infrastructure ..	51.17
TECB	iShares U.S. Tech Breakthrough Multisector ETF	50.97
GBUY	Goldman Sachs Future Consumer Equity ETF	49.64
ARKW	ARK Next Generation Internet ETF	48.75
SNSR	Global X Internet of Things ETF	47.91

Global Thematic 1-Day Performance Laggards

Ticker	Fund	Performance (%)
MJUS	ETFMG U.S. Alternative Harvest ETF	-1.19%
KGRN	KraneShares MSCI China Clean Technology Index ETF	-0.51%
KARS	KraneShares Electric Vehicles & Future Mobility Index ..	-0.17%
IDRV	iShares Self-driving EV & Tech ETF	-0.16%
MJ	ETFMG Alternative Harvest ETF	0.00%
LIT	Global X Lithium & Battery Tech ETF	0.02%
PBW	Invesco WilderHill Clean Energy ETF	0.05%
REMX	VanEck Rare Earth/Strategic Metals ETF	0.05%
BATT	Amplify Lithium & Battery Technology ETF	0.50%
IBUY	Amplify Online Retail ETF	0.54%

Thematic Most Oversold

Ticker	Fund	Price
MJ	ETFMG Alternative Harvest ETF	23.76
KGRN	KraneShares MSCI China Clean Technology Index ETF	28.23
LIT	Global X Lithium & Battery Tech ETF	30.66
REMX	VanEck Rare Earth/Strategic Metals ETF	31.00
SAMT	Stratgas Macro Thematic Opportunities ETF	32.10
AWAY	ETFMG Travel Tech ETF	32.22
PAWZ	ProShares Pet Care ETF	32.37
KARS	KraneShares Electric Vehicles & Future Mobility Index ETF	32.63
IBUY	Amplify Online Retail ETF	32.68
BATT	Amplify Lithium & Battery Technology ETF	32.85

* 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	
ARKK	ARK Innovation ETF	\$243M
ARKG	ARK Genomic Revolution ETF	\$44M
BOTZ	Global X Robotics & Artificial Intelligence ETF	\$34M
MJUS	ETFMG U.S. Alternative Harvest ETF	\$27M
ROBT	First Trust Nasdaq Artificial Intelligence & Robotics ETF	\$8M
IRBO	iShares Robotics and Artificial Intelligence Multisector ETF	\$6M
TARK	AXS 2X Innovation ETF	\$4M
AIQ	Global X Artificial Intelligence & Technology ETF	\$4M
ROBO	ROBO Global Robotics & Automation Index ETF	\$3M
TIME	Clockwise Capital Innovation ETF	\$2M

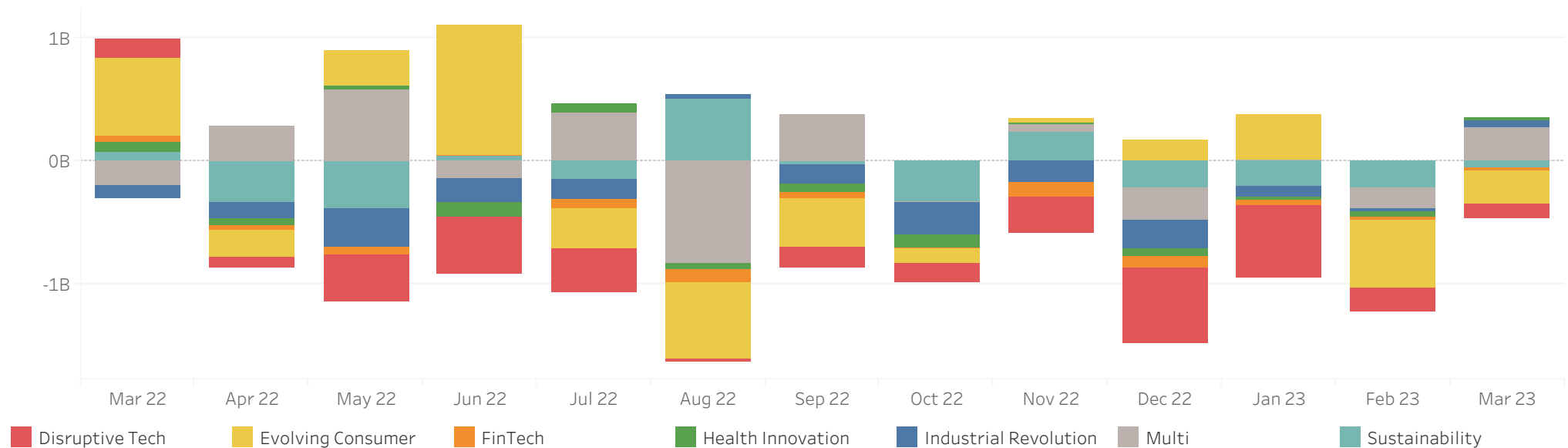
Thematic 1 Week Flow Laggards

Ticker	Fund	
KWEB	KraneShares CSI China Internet ETF	(\$159M)
ICLN	iShares Global Clean Energy ETF	(\$13M)
VPN	Global X Data Center REITs & Digital Infrastructure ETF	(\$13M)
LIT	Global X Lithium & Battery Tech ETF	(\$12M)
SKYY	First Trust Cloud Computing ETF	(\$10M)
SNSR	Global X Internet of Things ETF	(\$10M)
ARKW	ARK Next Generation Internet ETF	(\$10M)
SRVR	Pacer Data & Infrastructure Real Estate ETF	(\$9M)
CIBR	First Trust NASDAQ Cybersecurity ETF	(\$6M)
QCLN	First Trust Nasdaq Clean Edge Green Energy Index Fund	(\$5M)

Thematic Landscape Assets & Flows

Segment	Funds	AUM	1 Week	3 Month	6 Month	1 Year
Disruptive Tech	34	\$15B	(\$52M)	(\$1,210M)	(\$2,037M)	(\$3,270M)
Evolving Consumer	46	\$9B	(\$115M)	(\$605M)	(\$711M)	\$45M
FinTech	19	\$2B	(\$5M)	(\$148M)	(\$342M)	(\$582M)
Health Innovation	19	\$3B	\$38M	(\$73M)	(\$256M)	(\$321M)
Industrial Revolution	31	\$10B	\$2M	(\$230M)	(\$815M)	(\$1,763M)
Multi	41	\$14B	\$286M	(\$256M)	\$364M	\$398M
Sustainability	40	\$17B	(\$16M)	(\$810M)	(\$958M)	(\$1,039M)
Grand Total	230	\$70B	\$138M	(\$3,332M)	(\$4,753M)	(\$6,532M)

Thematic Monthly Flows

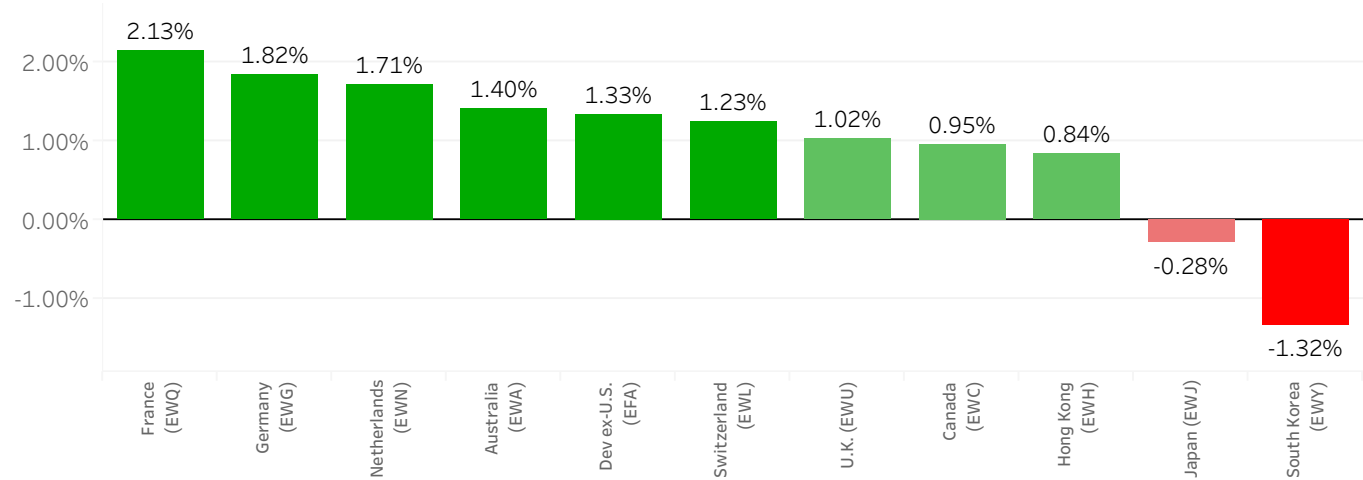


* ETF Landscape represented using the ETF Action classification system**Leaders/Laggards/Overbought/Oversold ETFs must have \$50 million to qualify ***Flows delayed one day

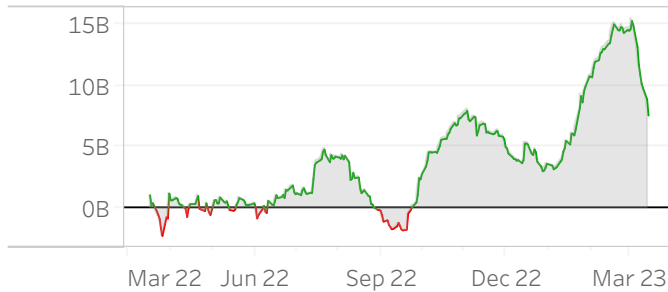
Developed ex-U.S. (EFA)



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



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



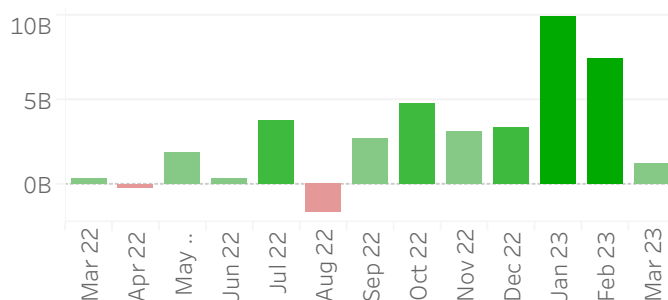
Developed ex-U.S. 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
GREK	Global X MSCI Greece ETF	4.23%
EWD	iShares MSCI Sweden ETF	3.44%
EIRL	iShares MSCI Ireland ETF	2.65%
EDEN	iShares MSCI Denmark ETF	2.38%
EWP	iShares MSCI Spain ETF	2.38%
EWI	iShares MSCI Italy ETF	2.23%
IEUS	iShares MSCI Europe Small-Cap ETF	2.14%
EWQ	iShares MSCI France ETF	2.13%
FEZ	SPDR EURO STOXX 50 ETF	2.07%
HEDJ	WisdomTree Europe Hedged Equity Fund	2.02%

Developed ex-U.S. Most Overbought

Ticker	Fund	Value
EIRL	iShares MSCI Ireland ETF	55.21
GREK	Global X MSCI Greece ETF	52.14
IMFL	Invesco International Developed Dynamic Multifactor ETF	51.94
EWP	iShares MSCI Spain ETF	50.49
EDEN	iShares MSCI Denmark ETF	49.93
FSZ	First Trust Switzerland AlphaDEX Fund	49.20
EUDG	WisdomTree Europe Quality Dividend Growth Fund	49.19
DAX	Global X DAX Germany ETF	48.93
HEDJ	WisdomTree Europe Hedged Equity Fund	48.89
FEZ	SPDR EURO STOXX 50 ETF	48.86

Developed ex-U.S. Monthly Flows



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

Ticker	Fund	1-Day Performance
FJP	First Trust Japan AlphaDEX Fund	-1.45%
DFJ	WisdomTree Japan SmallCap Dividend Fund	-1.42%
EWY	iShares MSCI South Korea ETF	-1.32%
FLKR	Franklin FTSE South Korea ETF	-1.18%
SCJ	iShares MSCI Japan Small-Cap ETF	-1.07%
EWJV	iShares MSCI Japan Value ETF	-1.04%
JPXN	iShares JPX-Nikkei 400 ETF	-0.58%
EWJ	iShares MSCI Japan ETF	-0.28%
BBJP	JPMorgan BetaBuilders Japan ETF	-0.22%
FLJP	Franklin FTSE Japan ETF	-0.12%

Developed ex-U.S. Most Oversold

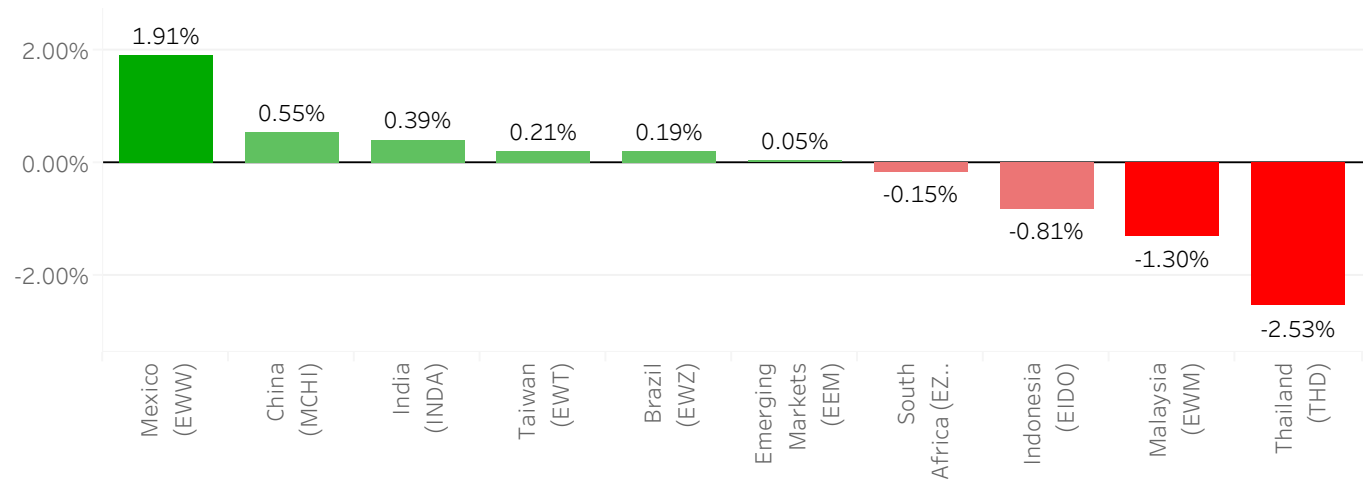
Ticker	Fund	Value
FLCA	Franklin FTSE Canada ETF	31.81
BBCA	JPMorgan BetaBuilders Canada ETF	34.01
EWC	iShares MSCI Canada ETF	34.38
BBAX	JPMorgan BetaBuilders Developed Asia Pacific-ex Ja..	35.45
NORW	Global X MSCI Norway ETF	36.23
EWS	iShares MSCI Singapore ETF	36.37
EWA	iShares MSCI Australia ETF	36.76
AAXJ	iShares MSCI All Country Asia ex Japan ETF	36.95
EPP	iShares MSCI Pacific ex-Japan ETF	37.25
VPL	Vanguard FTSE Pacific ETF	38.10

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Emerging (EEM)



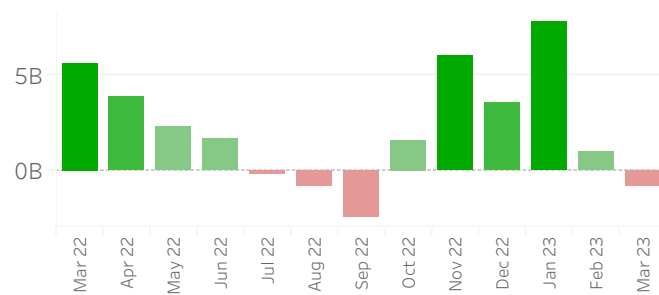
Emerging 1-Day Performance Top 10 Countries



Emerging 30-Day Rolling Flows



Emerging Monthly Flows



Emerging 1-Day Performance Leaders

Ticker	Fund	1-Day Performance
FLN	First Trust Latin America AlphaDEX Fund	1.94%
EWW	iShares MSCI Mexico ETF	1.91%
ADRE	Invesco BLDERS Emerging Markets 50 ADR Index Fund	1.48%
EPU	iShares MSCI Peru ETF	1.41%
ECH	iShares MSCI Chile ETF	1.21%
FLLA	Franklin FTSE Latin America ETF	0.97%
NUEM	Nuveen ESG Emerging Markets Equity ETF	0.82%
FXI	iShares China Large-Cap ETF	0.65%
ILF	iShares Latin America 40 ETF	0.61%
CXSE	WisdomTree China ex-State-Owned Enterprises Fund	0.57%

Emerging Most Overbought

Ticker	Fund	Price
TUR	iShares MSCI Turkey ETF	51.90
FLTW	Franklin FTSE Taiwan ETF	49.62
ECH	iShares MSCI Chile ETF	49.13
EPU	iShares MSCI Peru ETF	47.38
EWT	iShares MSCI Taiwan ETF	46.89
EDIV	SPDR S&P Emerging Markets Dividend ETF	46.80
EWW	iShares MSCI Mexico ETF	45.25
ASHR	Xtrackers Harvest CSI 300 China A-Shares ETF	44.57
CNYA	iShares MSCI China A ETF	44.48
VNM	VanEck Vietnam ETF	43.45

Emerging 1-Day Performance Laggards

Ticker	Fund	1-Day Performance
THD	iShares MSCI Thailand ETF	-2.53%
TUR	iShares MSCI Turkey ETF	-2.02%
QAT	iShares MSCI Qatar ETF	-1.32%
EWM	iShares MSCI Malaysia ETF	-1.30%
EELV	Invesco S&P Emerging Markets Low Volatility ETF	-0.96%
DGRE	WisdomTree Emerging Markets Quality Dividend Growth	-0.96%
FEMS	First Trust Emerging Markets Small Cap AlphaDEX Fund	-0.92%
EIDO	iShares MSCI Indonesia ETF	-0.81%
NFTY	First Trust India NIFTY 50 Equal Weight ETF	-0.76%
FEM	First Trust Emerging Markets AlphaDEX Fund	-0.66%

Emerging Most Oversold

Ticker	Fund	Price
THD	iShares MSCI Thailand ETF	20.64
EWM	iShares MSCI Malaysia ETF	25.44
ECNS	iShares MSCI China Small-Cap ETF	28.94
EIDO	iShares MSCI Indonesia ETF	29.07
EELV	Invesco S&P Emerging Markets Low Volatility ETF	29.73
EPHE	iShares MSCI Philippines ETF	31.28
KWT	iShares MSCI Kuwait ETF	31.69
HEEM	iShares Currency Hedged MSCI Emerging Markets E..	33.17
BKF	iShares MSCI BIC ETF	33.70
ESGE	iShares ESG Aware MSCI EM ETF	33.74

*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	-0.59%	0.16%	1.83%
SHY	1-3 Year Treasury Bonds	-0.38%	0.97%	1.06%
IEF	7-10 Year Treasury Bonds	-0.94%	1.07%	2.31%
TLT	20+ Year Treasury Bonds	-1.64%	0.32%	5.08%
TIP	TIPS Bonds	-0.55%	0.75%	1.76%
FLOT	Floating Rate Bonds	0.34%	-0.65%	0.29%
LQD	Investment Grade Corporate	-0.30%	-0.85%	1.77%
HYG	High Yield Corporate	0.73%	-1.30%	1.01%
BKLN	Senior Loan	0.63%	-1.56%	2.15%
PFF	Preferred & Income Securities	2.43%	-6.81%	1.81%
MUB	Municipal Bonds	-0.21%	-0.62%	1.13%
MBB	MBS	-0.48%	-0.12%	1.52%
EMB	Dollar Denominated EM Bonds	-0.27%	-1.32%	0.85%
LEMB	Local Currency EM Bond	0.68%	-0.57%	1.55%

Commodities Performance

Ticker	Name	1 Day	1 Month	YTD
DJP	Broad Commodities	-0.89%	-4.79%	-7.95%
DBE	Energy	-2.69%	-6.94%	-10.63%
USO	WTI Crude Oil	-3.56%	-9.32%	-10.24%
BNO	Brent Crude Oil	-3.42%	-8.96%	-9.05%
UNG	Natural Gas	-0.92%	-3.16%	-39.22%
UGA	Gasoline	-1.21%	-4.97%	-5.01%
DBP	Precious Metals	-0.33%	1.69%	0.95%
GLD	Gold	-0.58%	2.44%	4.24%
SLV	Silver	-0.55%	-1.14%	-9.67%
PPLT	abrdn Physical Platin..	-1.69%	5.52%	-8.22%
PALL	abrdn Physical Palla..	1.26%	-0.84%	-16.12%
DBB	Base Metals	-0.10%	-3.16%	2.26%
CPER	Copper	-0.85%	-1.65%	6.06%
LD	Lead	0.33%	-1.02%	-9.90%
JJN	Nickel	0.18%	-13.72%	-22.72%
JJU	Aluminum	1.49%	-2.89%	-2.62%
JJT	Tin	-0.83%	-14.05%	-8.52%
DBA	Agriculture	0.00%	-2.59%	-1.09%
CORN	Corn	0.78%	-7.86%	-8.61%
SOYB	Soybeans	-0.07%	-2.57%	-3.09%
WEAT	Wheat	1.58%	-11.42%	-11.53%
CANE	Sugar	-1.10%	3.24%	11.26%
BAL	Cotton	0.21%	-5.16%	-2.31%
NIB	Cocoa	0.75%	-1.49%	2.17%
JO	Coffee	-1.93%	-3.49%	5.71%

Currencies Performance

Ticker	Name	1 Day	1 Month	YTD
UUP	Long Dollar	0.00%	0.75%	1.01%
UDN	Short Dollar	0.16%	-0.16%	0.43%
FXE	Euro	0.09%	0.12%	0.47%
FXB	British Pound Sterling	0.01%	0.31%	1.41%
FXF	Swiss Franc	-0.11%	0.93%	1.19%
FXJ	Japanese Yen	-0.67%	-0.89%	-2.36%
FXC	Canadian Dollar	0.56%	-2.27%	-0.51%
FXA	Australian Dollar	0.34%	-4.36%	-1.71%

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